

Data Flow Index

KEY: Any changes are marked before the data flow reference as either (n)ew or (u)pdated. BSC owned data flows are marked before the data flow reference with a (b). Deleted data flows are shown in brackets.

Flow Ref	Flow Name	From	To
D0001 V001	Request Metering System InvestigationRequest	Distributor	HHDC
	Metering System Investigation		
		Distributor	NHHDC
		Distributor	Supplier
		HHDC	MOP
		HHDC	Supplier
		NHHDC	MOP
		NHHDC	Supplier
		NHHDR	NHHDC
		Supplier	HHDC
		Supplier	MOP
D0002 V001	Fault Resolution Report or Request for Decision on Further Action	HHDC	Distributor
		HHDC	Supplier
		MOP	HHDC
		MOP	MOP
		MOP	NHHDC
		MOP	Supplier
D0003 V001	Half Hourly Advances	Distributor	Supplier
		HHDC	Distributor
		HHDC	MOP
		HHDC	Supplier
		Supplier	HHDC
D0004 V001	Notification of Failure to Obtain Reading	HHDC	Supplier
		NHHDC	Supplier
		NHHDR	NHHDC
D0005 V001	Instruction on Action	Distributor	HHDC
		HHDC	MOP
		MOP	HHDC
		Supplier	HHDC
		Supplier	MOP
		Supplier	NHHDC
D0008 V001	Meter Advance Reconciliation Report	HHDC	Distributor
		HHDC	Supplier
D0010 V002	Meter Readings	Distributor	NHHDC
		HHDC	Distributor
		HHDC	HHDC
		HHDC	Supplier
		MOP	Distributor
		MOP	HHDC
		MOP	MOP
		MOP	NHHDC
		MOP	Supplier
		NHHDC	Distributor
		NHHDC	NHHDC
		NHHDC	Supplier
		NHHDR	NHHDC
		Supplier	Distributor
		Supplier	NHHDC
		Supplier	Supplier
D0011 V001	Agreement of Contractual Terms	HHDA	Supplier
		HHDC	Supplier
		MOP	Supplier
		NHHDA	Supplier
		NHHDC	Supplier
D0012 V001	Confirmation of the Inclusion of the Metering Point in the Reading Schedules	HHDC	Distributor

		HHDC	Supplier
		NHHDC	Distributor
		NHHDC	Supplier
(b)	D0018 V001	Daily Profile Data Report	SVAA
(b)			NHHDC
(b)			SVAA
(b)	D0019 V001	Metering System EAC/AA Data	NHHDC
(b)			NHHDA
(b)			Supplier
	D0022 V001	Estimated Half Hourly Data Report	HHDC
			Distributor
			HHDC
(b)	D0023 V001	Failed Instructions	HHDA
(b)			MPAS Agent
(b)			NHHDA
(b)			MPAS Agent
(b)			NHHDC
(b)	D0028 V001	Standing Profile Data Report	SVAA
(b)			NHHDC
(b)			SVAA
(b)	D0029 V001	Standard Settlement Configuration Report	SVAA
(b)			NHHDC
(b)			SVAA
(b)	D0030 V001	Aggregated DUoS Report	SVAA
(b)			Distributor
(b)			SVAA
	D0032 V001	(Agreement on a Change of Supplier Reading)	
	D0033 V001	(Disagreement on a Change of Supplier Reading)	NHHDC
			NHHDC
			NHHDC
			Supplier
			NHHDC
	D0035 V001	(Authorisation of the Data Collector to Make Customer Appointment)	
	D0036 V001	Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	HHDC
			Distributor
			HHDC
			HHDA
			HHDC
			HHDC
(b)	D0039 V001	Daily Profile Coefficient File	SVAA
(b)			NHHDC
(b)	D0040 V001	(Aggregated Half Hour Data File)	
(b)	D0040 V002		HHDA
(b)			Supplier
(b)			HHDA
(b)			SVAA
(b)	D0040 V003	Aggregated Half Hour Data File	HHDA
(b)			Supplier
(b)			HHDA
(b)			SVAA
(b)	D0041 V001	Supplier Purchase Matrix Data File	NHHDA
(b)			Supplier
(b)			NHHDA
(b)			SVAA
(b)	D0043 V001	Supplier Deemed Take Report	SVAA
			Supplier
	D0051 V001	Affirmation of Half Hour Data Retrieval Method and Associated Details	HHDC
			Supplier
	D0052 V001	Affirmation of Metering System Settlement Details	Supplier
			NHHDC
			UMSO
			NHHDC
			UMSO
			Supplier
	D0055 V001	Registration of Supplier to Specified Metering Point	Supplier
			MPAS
	D0057 V001	Rejection of Registration	MPAS
			Supplier
	D0058 V001	Notification of Termination of Supply Registration	MPAS
			Supplier
	D0060 V001	(Notification to Ensure ERS Records are Maintained Independently)	
	D0064 V001	Notification of an Objection to Change of Supplier Made By the Old Supplier	Supplier
			MPAS
	D0065 V001	Confirmation of Receipt of a Registration Objection	MPAS
			Supplier
	D0066 V001	Rejection of a Registration Objection	MPAS
			Supplier
	D0067 V001	Notification of an Objection to Change of Supplier Sent to the New Supplier	MPAS
			Supplier
	D0068 V001	Removal of Registration Objection	Supplier
			MPAS
	D0069 V001	Rejection of Registration Objection Removal	MPAS
			Supplier
	D0071 V001	Customer Own Reading or Supplier Estimated Reading on Change of Supplier	Supplier
			NHHDC
	D0072 V001	Instruction to Obtain Change of Supplier Reading	Supplier
			NHHDC
	D0076 V001	(Half Hourly DUoS Report - Supplier)	

	D0077 V001	(Half Hourly DUoS Report - Distributor)		
	D0078 V001	(Pool Funds Report)		
(b)	D0079 V001	Supplier Purchase Report	SVAA	Supplier
	D0080 V001	(Supplier - Supplier Purchase Report (Scottish Settlements))		
(b)	D0081 V001	Supplier Half Hourly Demand Report	SVAA	Supplier
(b)	D0082 V001	Supplier - Supplier Purchase Matrix Report	SVAA	Supplier
	D0083 V001	(TUoS Report)		
	D0086 V002	Notification of Change of Supplier Readings	NHHDC	Distributor
			NHHDC	NHHDC
			NHHDC	Supplier
	D0088 V001	(Confirmation of Supplier Initiated Change to Metering Point Details)		
	D0089 V001	(Notification from MPAS of Changed Metering Point Details)	MPAS	Supplier
	D0089 V002	Notification from MPAS of Changed Metering Point Details	MPAS	Supplier
	D0090 V001	Confirmation of the Removal of a Registration Objection	MPAS	Supplier
	D0091 V001	(Notification of Removal of a Registration Objection)	MPAS	Supplier
	D0091 V002	Notification of Removal of a Registration Objection	MPAS	Supplier
	D0092 V001	Advice to an Old Supplier of a Change of Supply Registration Deletion	MPAS	Supplier
	D0093 V001	Advice to a New Supplier of a Change of Supply Registration Deletion	MPAS	Supplier
	D0094 V001	(Daily Profile Total Extract)		
(b)	D0095 V001	Non Half Hourly Data Aggregation Exception Report	NHHDA	Supplier
	D0125 V001	Confirmation of Disconnection of Supply	Distributor	Supplier
	D0126 V001	Asset Condition Report Response / Clearance	SFIC	MOP
			SFIC	Supplier
	D0128 V001	(Provision of Customer and Site Details)		
	D0131 V001	Metering Point Address Details	Supplier	HHDC
			Supplier	MOP
			Supplier	NHHDC
	D0132 V001	Details of Disconnection of Supply	Supplier	Distributor
	D0134 V001	Request to Change Energisation Status	Supplier	Distributor
			Supplier	MOP
	D0135 V001	(Asset Condition Report)	HHDC	SFIC
			MOP	SFIC
			NHHDC	SFIC
			NHHDR	NHHDC
			Supplier	SFIC
	D0135 V002	Asset Condition Report	HHDC	SFIC
			MOP	SFIC
			NHHDC	SFIC
			NHHDR	NHHDC
			Supplier	SFIC
	D0136 V001	Report to Supplier of Possible Irregularity	Distributor	Supplier
			HHDC	Supplier
			MOP	Supplier
			NHHDC	Supplier
			NHHDR	NHHDC
			PPMIP	Supplier
	D0139 V001	Confirmation or Rejection of Energisation Status Change	Distributor	MOP
			Distributor	Supplier
			MOP	Distributor
			MOP	HHDC
			MOP	NHHDC
			MOP	Supplier
	D0141 V001	(Proving Test Details)		

D0142 V001	Request for Installation or Change to a Metering System Functionality or the Removal of All Meters	Supplier	MOP
D0147 V001	(Request for Change of Metering System Configuration)		
D0148 V001	Notification of Change to Other Parties	Supplier	HHDC
		Supplier	MOP
		Supplier	NHHDC
D0149 V001	Notification of Mapping Details	MOP	Distributor
		MOP	MOP
		MOP	NHHDC
		MOP	Supplier
D0150 V001	Non Half-hourly Meter Technical Details	Distributor	MOP
		MOP	Distributor
		MOP	MOP
		MOP	NHHDC
		MOP	Supplier
D0151 V001	Termination of Appointment or Contract by Supplier	Supplier	HHDA
		Supplier	HHDC
		Supplier	MOP
		Supplier	NHHDA
		Supplier	NHHDC
D0152 V001	Metering System EAC/AA Historical Data	NHHDC	NHHDC
D0153 V001	Notification of Data Aggregator Appointment and Terms	Supplier	HHDA
		Supplier	NHHDA
D0154 V001	(Notification of Request for Charging Purposes)		
D0155 V001	Notification of Meter Operator or Data Collector Appointment and Terms	Supplier	HHDC
		Supplier	MOP
		Supplier	NHHDC
D0161 V001	(BSP Group Take)		
D0162 V001	(Transmission Losses Report - Scotland)		
D0163 V001	(Notification of Commissioning Details)		
D0164 V001	Notification of New or Changed Interruption of Distributor Supply		HHDC
		Distributor	Supplier
D0166 V001	Distribution System Enquiry	Supplier	SFIC
D0167 V001	Response to Distribution System Enquiry	SFIC	Supplier
D0168 V001	Request for Additional/New MPAN Core(s)	MOP	Supplier
D0169 V001	Allocation of New/Additional MPAN Core(s)	Supplier	MOP
D0170 V001	Request for Metering System Related Details	HHDC	HHDC
		MOP	Distributor
		MOP	MOP
		NHHDC	MOP
		NHHDC	NHHDC
		NHHDC	Supplier
		Supplier	HHDC
		Supplier	MOP
		Supplier	NHHDC
D0171 V001	Notification of Distributor Changes to Metering Point Details	MPAS	Supplier
D0172 V001	Confirmation of Changes	MPAS	DCC
		MPAS	Supplier
D0173 V001	Token Transaction Data	PPMIP	Supplier
D0174 V001	Issue Identity Card for Token Meter Customer	Supplier	PPMIP
D0175 V001	(Token Meter Readings)		
D0176 V001	Request Tariff/Debt Change on Token Meter	Supplier	MOP
D0178 V001	Confirmation of Token Meter Installation	MOP	Supplier
D0179 V001	Confirmation of Energisation/De-Energisation of Prepayment Meter	Distributor	Supplier
		MOP	Supplier
D0180 V001	Request to Energise/De-Energise/Shut Down Prepayment Meter	Supplier	MOP

	D0181 V001	(Smart Card Credit Purchase Transactions)	PPMIP	Supplier
	D0182 V001	(Smart Card Meter Readings)	PPMIP	Supplier
	D0183 V001	(Issue New Customer Smart Card)	Supplier	MOP
			Supplier	PPMIP
	D0184 V001	(Issue Replacement Smart Card)	Supplier	MOP
			Supplier	PPMIP
	D0185 V001	(Command Acknowledgements for Smart Card Meter)		
	D0186 V001	(Command Cancellation Advice)		
	D0187 V001	(Status Message for Tariff Update, Mode Change, Tariff Change or Debt Clearance)	PPMIP	Supplier
	D0188 V001	Key Transaction Details	PPMIP	Supplier
	D0189 V001	Adjust Key Meter Debt/Recovery Rate at Specific Locations	Supplier	PPMIP
	D0190 V001	Issue Customer Key	Supplier	MOP
			Supplier	PPMIP
	D0191 V001	Request Special Visit to Read/Reset Key Meter	Supplier	MOP
	D0192 V001	Readings and Settings from a Token or Key Meter	MOP	Supplier
	D0193 V001	Confirmation of Key Meter Installation	MOP	Supplier
	D0194 V001	Request for Installation of Key Meter	Supplier	MOP
	D0197 V001	(Smart Card Commands to Remote Terminals)	Supplier	PPMIP
	D0199 V001	(Status Message Report for Previous Card/Security Event Report or Previous Customer/Requested Snapshot)	PPMIP	Supplier
	D0200 V001	(Request Installation of Smart Card Meter)	Supplier	MOP
	D0201 V001	(Confirmation of Smart Card Meter Installation)	MOP	Supplier
	D0202 V001	Readings and Settings from a Removed Smart Card Meter	MOP	Supplier
	D0203 V001	Rejection of Changes to Metering Point Details	MPAS	Supplier
	D0204 V001	(Selective or Full Refresh of MPAS Details)	MPAS	Supplier
	D0204 V002	Selective or Full Refresh of MPAS Details	MPAS	Supplier
	D0205 V001	Update Registration Details	Supplier	MPAS
(b)	D0209 V001	Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator	MPAS	HHDA
(b)			MPAS	NHHDA
	D0211 V001	(Refresh of Non Half Hourly or Half Hourly Data Aggregation Records)		
	D0213 V001	(Advice from MPAS of Changed Metering Point Details)	MPAS	Supplier
	D0213 V002	Advice from MPAS of Changed Metering Point Details	MPAS	Supplier
	D0214 V001	Confirmation of Proving Tests	MOP	Distributor
			MOP	HHDC
			MOP	Supplier
	D0215 V001	Provision of Site Technical Details	Distributor	MOP
			Distributor	Supplier
	D0216 V001	Request Installation of Token Meter	Supplier	MOP
	D0217 V001	(Confirmation of the Registration of a Metering Point)	MPAS	Supplier
	D0217 V002	Confirmation of the Registration of a Metering Point	MPAS	Supplier
	D0218 V001	(Confirmation of Check Meter or Accuracy Test Results)		
	D0219 V001	(Change of Timing Device Only)		
	D0221 V001	Notification of Failure to Install or Energise Metering System	MOP	Supplier
	D0222 V001	Change in Customer Details	MOP	Supplier
			NHHDC	Supplier
			NHHDR	NHHDC
	D0223 V001	Request to Install Check Meter or Carry Out Accuracy Tests	Supplier	MOP
	D0224 V001	Notification of Programme for Re-Certification Meter Changes	MOP	Supplier
	D0225 V001	(Customer Priority Service Details)	Distributor	Supplier

		Supplier	Distributor
		Supplier	MOP
		Supplier	NHHDC
D0225 V002	Priority Services Details	Distributor	Supplier
		Supplier	Distributor
		Supplier	MOP
		Supplier	NHHDC
D0226 V001	(Registration of Change of Supplier for Continuing ERS Traded MPAN)		
(b)	D0227 V001	BSCCo Market Domain Data File	MDDA
(b)			NHHDA
	D0230 V001	(Market Domain Data Incremental Set)	MDDA
			NHHDC
D0235 V001	Half Hourly Aggregation Exception Report	HHDA	HHDC
		HHDA	Supplier
D0236 V001	Revenue Protection Service Statistical Report	RPS	Supplier
D0237 V001	Notification by Revenue Protection Service of Possible Irregularity	RPS	Supplier
D0238 V001	Request and Information for Revenue Protection Investigation	Supplier	RPS
D0239 V001	Revenue Protection Report on Action Taken	RPS	MOP
		RPS	Supplier
D0242 V001	Supercustomer DUoS Daily Statement	Distributor	Supplier
D0243 V001	(Generation Allocation Report for Independent Generator Parties)		
D0244 V001	(Confirmation of Acceptance of Scottish Generation Allocation Schedule)		
D0245 V001	(Deemed Between Area Generator Trades in Scottish Company's Area Involving Independent Generators who are Party to a GA Trading Relationship)		
D0246 V001	(Deemed Within Area Generator Trades in Scottish Company's Area Involving Independent Generators who are Party to a GA Trading Relationship)		
D0247 V001	(Generator and Supplier Programmed Transfers in Scottish Company's Area)		
D0248 V001	(Scottish Supplier and Independent Generator Deemed Exports out of Scotland Involving Independent Generators who are Party to a Trading Relationship)		
D0249 V001	(Scottish Supplier and Generator Imports into Scotland)		
D0250 V001	(Generation Allocation Report for Suppliers)		
D0251 V001	(Scottish Company Transmission Loss Multiplier)		
D0252 V001	(Scottish Independent Generator Output)		
D0253 V001	(Generation Allocation Report on Error Account Term)		
D0254 V001	(Scottish Import Requirement of Independent Power Stations)		
D0255 V001	(Report on Scottish Trading Relationship Allocations)		
D0256 V001	(Generation Allocation Report for Host Company on Residual Requirements)		
D0257 V001	(Submission of Scottish Generation Allocation Schedule)		
D0258 V001	(Rejection of Scottish Generation Allocation Schedule)		
D0259 V001	(Notification to New Supplier of Future Changes)	MPAS	Supplier
D0259 V002	Notification to New Supplier of Future Changes	MPAS	Supplier
D0260 V001	(Notification from MPAS of Old Supplier Registration Details)	MPAS	Supplier
D0260 V002	Notification from MPAS of Old Supplier Registration Details	MPAS	Supplier
D0261 V001	Rejection of Agent Appointment	HHDA	Supplier

		HHDC	Supplier
		MOP	Supplier
		NHHDA	Supplier
		NHHDC	Supplier
D0262 V001	Rejection of Disconnection	Distributor	Supplier
D0264 V001	(Scottish Supplier Deliveries Report)		
(b)	D0265 V001	Line Loss Factor Data File	Distributor
(b)			HHDA
(b)			Supplier
(b)			SVAA
(b)	D0266 V001	Supplier Settlement Header Report	SVAA
	D0267 V001	(Pool Settlements Timetable File)	Supplier
	D0268 V001	Half Hourly Meter Technical Details	MOP
			Distributor
			MOP
			HHDC
			MOP
			Supplier
(b)	D0269 V001	(Market Domain Data Complete Set)	
(b)	D0269 V002	Market Domain Data Complete Set	MDDA
			Distributor
(b)			GRS Operator
(b)			MDDA
(b)			HHDA
(b)			HHDC
(b)			MOP
(b)			MPAS Agent
(b)			MDDA
(b)			NHHDA
(b)			NHHDC
(b)			Supplier
(b)			SVAA
(b)			Distributor
(b)			Grid Operator
(b)			SVAA
(b)			HHDA
(b)			HHDC
(b)			MOP
(b)			MPAS Agent
(b)			SVAA
(b)			NHHDA
(b)			NHHDC
(b)			Supplier
(b)			SVAA
(b)			SVAA
(b)	D0269 V003	(Market Domain Data Complete Set)	
(b)	D0269 V004	Market Domain Data Complete Set	MDDA
			Distributor
(b)			GRS Operator
(b)			MDDA
(b)			HHDA
(b)			HHDC
(b)			MOP
(b)			MPAS Agent
(b)			MDDA
(b)			NHHDA
(b)			NHHDC
(b)			Supplier
(b)			SVAA
(b)			Distributor
(b)			Grid Operator
(b)			SVAA
(b)			HHDA
(b)			HHDC
(b)			MOP
(b)			MPAS Agent
(b)			SVAA
(b)			NHHDA
(b)			NHHDC
(b)			Supplier
(b)			SVAA
(b)	D0270 V001	(Market Domain Data Incremental Set)	
(b)	D0270 V002	Market Domain Data Incremental Set	MDDA
			Distributor
(b)			GRS Operator
(b)			MDDA
(b)			HHDA
(b)			HHDC
(b)			MOP
(b)			MPAS Agent
(b)			MDDA
(b)			NHHDA
(b)			NHHDC
(b)			Supplier
(b)			MDDA
(b)			SVAA

(b)		SVAA	Distributor
(b)		SVAA	Grid Operator
(b)		SVAA	HHDA
(b)		SVAA	HHDC
(b)		SVAA	MOP
(b)		SVAA	MPAS Agent
(b)		SVAA	NHHDA
(b)		SVAA	NHHDC
(b)		SVAA	Supplier
(b)		SVAA	SVAA
(b)	D0270 V003	(Market Domain Data Incremental Set)	
(b)	D0270 V004	Market Domain Data Incremental Set	MDDA
(b)			Distributor
(b)		MDDA	GRS Operator
(b)		MDDA	HHDA
(b)		MDDA	HHDC
(b)		MDDA	MOP
(b)		MDDA	MPAS Agent
(b)		MDDA	NHHDA
(b)		MDDA	NHHDC
(b)		MDDA	Supplier
(b)		SVAA	Distributor
(b)		SVAA	Grid Operator
(b)		SVAA	HHDA
(b)		SVAA	HHDC
(b)		SVAA	MOP
(b)		SVAA	MPAS Agent
(b)		SVAA	NHHDA
(b)		SVAA	NHHDC
(b)		SVAA	Supplier
(b)		SVAA	SVAA
	D0271 V001	Request Contact Notice	Supplier
	D0272 V001	Reject Contact Notice Request	MPAS
	D0273 V001	Contact Notice to Suppliers	MPAS
	D0274 V001	(Address Inventory)	
	D0275 V001	Validated Half Hourly Advances	HHDC
			Distributor
			Supplier
(b)	D0276 V001	(GSP Group Consumption Totals Report)	SVAA
(b)	D0276 V002	GSP Group Consumption Totals Report	SVAA
(b)	D0277 V001	Teleswitch Contact Interval Data File	Teleswitch Agent
(b)	D0278 V001	Teleswitch Market Domain Data File	MDDA
(b)	D0278 V002		MDDA
(b)	D0279 V001	Teleswitch Contact Interval Data Report File	SVAA
(b)	D0280 V001	Teleswitch Contact to Register Mapping File	MDDA
(b)	D0281 V001	(Recalculated GSP Group Correction Factors Report)	
	D0282 V001	(Registration of Supplier migrating from ERS)	
	D0283 V001	(Rejection of Supplier Registration by PRS)	
	D0284 V001	(Confirmation of Registration on PRS)	
	D0285 V001	(Reconciliation of Registrations on PRS)	
(b)	D0286 V001	Data Aggregation and Settlements Timetable File	MDDA
(b)			NHHDA
(b)	D0287 V001	Annually Recalculated Researched Consumption	MDDA
	D0288 V001	(Generation Allocation Report on Second Tier Consumption)	
	D0289 V001	(Notification of MC/EAC/PC)	Supplier
			Supplier
	D0289 V002	Notification of MC/EAC/PC	Supplier
			Supplier
	D0290 V001	Instruction to Read Meter	NHHDC
	D0291 V001	Notification of Register Readings on Change of Measurement Class coincident with Change of Supplier	NHHDR
			MOP
	D0292 V001	(Scottish Regression Equation Coefficients)	

	D0293 V001	(Scottish Default Period Profile Class Coefficients)		
	D0294 V001	Confirmation of BM Unit Allocation	HHDA	Supplier
	D0295 V001	Rejection of BM Unit Allocation	HHDA	Supplier
(b)	D0296 V001	Supplier BM Unit Report	SVAA	Supplier
	D0297 V001	Notification of BM Unit Allocation	Supplier	HHDA
(b)	D0298 V001	(BM Unit Aggregated Half Hour Data File)		
(b)	D0298 V002		HHDA	Supplier
(b)			HHDA	SVAA
(b)	D0298 V003	BM Unit Aggregated Half Hour Data File	HHDA	Supplier
(b)			HHDA	SVAA
(b)	D0299 V001	Stage 2 BM Unit Registration Data File	MDDA	HHDA
(b)			MDDA	Supplier
	D0300 V001	Disputed Readings or Missing Readings on Change of Supplier	NHHDC	Supplier
			Supplier	NHHDC
			Supplier	Supplier
	D0301 V001	(Erroneous Transfer Communication)		
	D0301 V002	Erroneous Transfer Communication	Supplier	Supplier
	D0302 V001	(Notification of Customer Details)		
	D0302 V002	Notification of Customer Details	Supplier	Distributor
			Supplier	HHDC
			Supplier	MOP
			Supplier	NHHDC
	D0303 V001	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	MOP	MAP
	D0304 V001	Notification of Meter Asset Provider	MAP	MOP
			MOP	Distributor
			MOP	MPAS
			MOP	Supplier
			MPAS	MOP
	D0305 V001	Notice of Customer Requested Objection	Supplier	Supplier
	D0306 V001	(Request for Debt Information)	Supplier	Supplier
	D0306 V002	Request for Debt Information	Supplier	Supplier
	D0307 V001	(Debt Information)	Supplier	Supplier
	D0307 V002	Debt Information	Supplier	Supplier
	D0308 V001	(Confirmation of Customer Debt Transfer)	Supplier	Supplier
	D0308 V002	Confirmation of Customer Debt Transfer	Supplier	Supplier
	D0309 V001	(Confirmation of Debt Assigned)	Supplier	Supplier
	D0309 V002	Confirmation of Debt Assigned	Supplier	Supplier
	D0310 V001	Notification of Failure to load or receive Metering System Settlement Details	NHHDC	Supplier
			NHHDC	UMSO
	D0311 V001	Notification of Old Supplier Information	Supplier	NHHDC
			Supplier	Supplier
	D0312 V001	(Notification of Meter Information to ECOES)	MOP	ECOES
	D0312 V002	Notification of Meter Information to MPAS	MOP	MPAS
			MPAS	MOP
			MPAS	Supplier
	D0313 V001	Auxiliary Meter Technical Details	MOP	Distributor
			MOP	MOP
			MOP	NHHDC
			MOP	Supplier
(b)	D0314 V001	Non Half Hourly Embedded Network DUoS Report	SVAA	Distributor
	D0315 V001	Embedded Network Supercustomer DUoS Daily Statement	Distributor	Distributor
	D0317 V001	Create New Green Deal Plan	GD Provider	GDCC
	D0318 V001	Response from GDCC to Distributor	GDCC	Distributor
	D0319 V001	Request for Initial Green Deal Licensee Validation	GDCC	GD Licensee
	D0320 V001	GD Provider Response to GDCC	GD Provider	GDCC
	D0321 V001	GD Provider Update to Plan Information	GD Provider	GDCC
	D0322 V001	GD Provider Update to Charging Information	GD Provider	GDCC
	D0323 V001	GD Provider Advice of Pending Green Deal	GD Provider	GDCC

D0324 V001	Advise Green Deal Active at MPAN	GDCC	MPAS
D0325 V001	Green Deal Plan Information for Green Deal Licensee	GDCC	GD Licensee
D0326 V001	Green Deal Licensee Update to Bill Payer Details	GD Licensee	GDCC
D0327 V001	Request Green Deal Plan End Date Amendment	Distributor	GDCC
D0328 V001	Provide Remittance Details	GD Licensee	GDCC
		GDCC	GD Remittance Processor
D0329 V001	Response to Green Deal Remittance Details	GD Remittance Processor	GDCC
		GDCC	GD Licensee
D0331 V001	Update Green Deal Market Data	GDCC	GD Licensee
		GDCC	GD Provider
		GDCC	GD Remittance Processor
D0332 V001	Green Deal Licensee Request for Information	GD Licensee	GDCC
D0333 V001	Change of Green Deal Provider	GD Provider	GDCC
D0334 V001	Request for New Green Deal MPAN Core	GDCC	GD Licensee
D0335 V001	New Green Deal Plan MPAN Core	GD Licensee	GDCC
D0336 V001	Request to Advise Bill Payer of Pending Green Deal	GDCC	GD Licensee
D0337 V001	Green Deal End Date Amendment Request to GD Provider	GDCC	GD Provider
D0338 V001	(Update to Bill Payer Details)	GDCC	GD Provider
D0338 V002	Update to Bill Payer Details	GDCC	GD Provider
D0339 V001	Reject Initial Plan Request	GDCC	GD Provider
D0340 V001	MPAS Response to GDCC	MPAS	GDCC
D0341 V001	GD Licensee Response to GDCC	GD Licensee	GDCC
D0342 V001	Notice of Collection Cessation	GD Licensee	GDCC
		GDCC	GD Remittance Processor
D0343 V001	Response from GDCC to GD Licensee	GDCC	GD Licensee
D0344 V001	Response from GDCC to GD Provider	GDCC	GD Provider
D0345 V001	Green Deal Licensee Notification of Erroneous Registration	GD Licensee	GDCC
D0346 V001	Notification of Erroneous Registration Status	GDCC	GD Provider
		GDCC	GD Remittance Processor
D0347 V001	GD Remittance Processor Response to GDCC	GD Remittance Processor	GDCC
D0348 V001	Advice from MPAS of Changed Metering Point Details relevant to DCC	MPAS	DCC
D0349 V001	DCC Selective Refresh	MPAS	DCC
D0350 V001	Notification of DCC Services at Metering Point	DCC	MPAS
D0351 V001	Rejection of Update to DCC Service Flag	MPAS	DCC
D0352 V001	Notification of Physical Disconnections	Distributor	Supplier
D0353 V001	DCC Full Refresh	MPAS	DCC
(b)	D0354 V001	Metering System Reporting Notification	Supplier
(b)		SVAA	HHDA
(b)	D0355 V001	Metering System Reporting Confirmation	HHDA
		CFD Settlement Services Provider	
(b)		HHDA	CM Settlement Services Provider
(b)		HHDA	Supplier
(b)		HHDA	SVAA
(b)	D0356 V001	Metering System Reporting Rejection	HHDA
(b)		Supplier	
(b)		HHDA	SVAA
(b)	D0357 V001	Half Hourly Metered Data for EMR	HHDA
		CFD Settlement Services Provider	
(b)		HHDA	CM Settlement Services Provider
(b)		HHDA	Supplier
	D0358 V001	Withdrawal of Registration by New Supplier to Supplier Specified Metering Point	MPAS
	D0359 V001	Acceptance of Withdrawal Process Flow	MPAS
	D0360 V001	Rejection of Withdrawal Process Flow	MPAS
		Supplier	

	D0361 V001	Retention of Supply Registration Process Flow	MPAS	Supplier
	D0362 V001	(CFD Supplier Invoice Backing Data)	CFD Settlement Services Provider	Supplier
	D0362 V002	CFD Supplier Invoice Backing Data	CFD Settlement Services Provider	Supplier
	D0363 V001	CFD Supplier Credit Cover Report	CFD Settlement Services Provider	Supplier
	D0364 V001	(CM Supplier Invoice Backing Data)	CM Settlement Services Provider	Supplier
	D0364 V002		CM Settlement Services Provider	Supplier
	D0364 V003	CM Supplier Invoice Backing Data	CM Settlement Services Provider	Supplier
	D0365 V001	(CFD Generator Invoice Backing Data)		
	D0365 V002	CFD Generator Invoice Backing Data	CFD Settlement Services Provider	CFD Generator
	D0366 V001	(CM Capacity Provider Invoice Backing Data)	CM Settlement Services Provider	Capacity Provider
	D0366 V002	CM Capacity Provider Invoice Backing Data	CM Settlement Services Provider	Capacity Provider
	D0367 V001	Smart Meter Configuration Details	Supplier	MOP
	D0368 V001	Notification of Agreed or Cancelled Appointment With Customer	SFIC	MOP
			SFIC	Supplier
(b)	D0369 V001	Aggregated Disconnected DUoS Report	SVAA	Distributor
(b)			SVAA	Supplier
(b)	D0370 V001	Supplier Half Hourly Demand Disconnection Report	SVAA	Supplier
(b)	D0371 V001	Supplier - Supplier Disconnection Matrix Report	SVAA	Supplier
(b)	D0372 V001	Aggregated Embedded Network Disconnected DUoS Report	SVAA	Distributor
(b)	D0373 V001	GSP Group Demand Disconnection Totals Report	SVAA	Supplier
(b)	D0374 V001	Supplier BM Unit Demand Disconnection Report	SVAA	Supplier
(b)	D0375 V001	Disconnected MSIDs and Estimated Half Hourly Demand Disconnection Volumes	HHDC	Distributor
(b)			HHDC	HHDA
(b)			HHDC	Supplier
(b)			SVAA	HHDA
(b)			SVAA	HHDC
(b)			SVAA	NHHDA
(b)			SVAA	NHHDC
(b)	D0376 V001	Supplier's Demand Disconnection Volume Data File	HHDA	Supplier
(b)			HHDA	SVAA
(b)	D0377 V001	Disconnection Purchase Matrix Data File	NHHDA	Supplier
(b)			NHHDA	SVAA
(b)	D0378 V001	BM Unit Aggregated Half Hour Demand Disconnection Data File	HHDA	Supplier
(b)			HHDA	SVAA
	D0379 V001	Half Hourly Advances UTC	HHDC	Supplier
			Supplier	HHDC
	D0380 V001	Half Hourly Advances for Inclusion in Aggregated Supplier Matrix	HHDC	HHDA
			HHDC	Supplier
			Supplier	HHDC
	D0381 V001	Metering Point Address Update	Distributor	Supplier
			Supplier	Distributor
(b)	D0382 V001	Rejection Response for Request to LDSO for Site Technical Details	Distributor	MOP
(b)	D0383 V001	Notification of Commissioning Information	Distributor	MOP
(b)			MOP	MOP
(b)	D0384 V001	Notification of Commissioning Status	Distributor	Supplier
(b)			MOP	MOP

(b)			MOP	Supplier
(b)			Supplier	Distributor
(b)			Supplier	MOP
(b)	D0385 V001	Metering System Half Hourly Metered Data	HHDA	SVAA
	D0386 V001	Manage Metering Point Relationships	MPAS	Supplier
			Supplier	MPAS
(b)	(n)	D0387 V001	Metering System Half Hourly Volume Adjustments	SVAA
				Supplier

Flow Reference: **D0001**Flow Version: **001**

Status: Operational

Flow Name:	Request Metering System Investigation
Flow Description:	Investigation into suspected metering fault due to possible MAR discrepancies, invalid meter readings, timing device or meter or communications fault..
Flow Ownership:	MRA

From	To	Version
Distributor	HHDC	2.0
Distributor	NHHDC	2.0
Distributor	Supplier	3.1
HHDC	MOP	1.0
HHDC	Supplier	3.0
NHHDC	MOP	2.0
NHHDC	Supplier	3.1
NHHDR	NHHDC	5.0
Supplier	HHDC	2.0
Supplier	MOP	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J1012	Date Fault Suspected/Detected
J0292	Earliest Appointment Time
J0293	Latest Appointment Time
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J0173	Reason for Request
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
-------	-------------------	-------	-----------	----	----	----	----	----	----	----	----	-----------

Status: Operational

Notes:	Sufficient information to identify the nature of the fault must be given. This flow only to be used where the metering point is currently energised.
---------------	--

Commented [JW2]: Process obligation.

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1249	External Note added.
Version 3.1	1532	Additional group added as 'Site Visit Information' as agreed in Workshops.
Version 3.1	1542	'Date Fault Suspected/Detected' added to flow to give clarity.
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	2053	Flow occurrences from NHDC to Supplier and Distributor to Supplier added as both required.
Version 4	2697	All flow occurrences from Distributor (Scotland) and to Distributor (Scotland) removed.
Version 4.1	2887	Flow occurrence from Supplier to NHHDC removed.
Version 5	3019	Flow occurrence from NHHDR to NHHDC added.
Version 8.4	3271	Instances of Generator (Scotland) to HHDC and MOP, and HHDC to Generator (Scotland) removed

Flow Reference: **D0002**Flow Version: **001**

Status: Operational

Flow Name:	Fault Resolution Report or Request for Decision on Further Action		
Flow Description:	Fault Investigation has been carried out and a report on an action taken is being made or a request for a decision on next course of action..		
Flow Ownership:	MRA		
From	To	Version	
HHDC	Distributor	2.0	
HHDC	Supplier	2.0	
MOP	HHDC	1.0	
MOP	MOP	11.3	
MOP	NHHDC	2.0	
MOP	Supplier	2.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J1012	Date Fault Suspected/Detected
J0014	Date of Action
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J0008	Nature of Maintenance
J0173	Reason for Request
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
004	Metering Points Inspected	1-*		G								
					1							MPAN Core
					1							Reason for Request
					1							Date Fault Suspected/Detected
005	Meter Detail per MPAN Core	1-*	If meter at metering point	G								
					1							Meter Id (Serial Number)
					O							Additional Information
006	Meter Registers Inspected	1-*		G								
					1							Meter Register Id
					O							Date of Action
					O							Nature of Maintenance
760	Site Visit Information	0-*		G								
					1							Site Visit Check Code
					O							Additional Information

Commented [JW3]: Message Collection Conditional Rule

Notes:	
---------------	--

Flow Reference: D0002**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1390	Site Visit Check Code and Additional Information added as new group 'Site Visit Information'.
Version 3.1	1542	'Date Fault Suspected/Detected' added to flow to give clarity.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2483	All flow occurrences from NHHDC removed.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 8.4	3271	Instances of HHDC to Generator (Scotland) and MOP to Generator (Scotland) removed
Version 10	3317	Add in a condition to Mandatory field
Version 11.3	3428	MOP to MOP instance added.

Flow Reference: **D0003**Flow Version: **001**

Status: Operational

Flow Name:	Half Hourly Advances
Flow Description:	Half hourly data from half hourly meters..
Flow Ownership:	MRA

From	To	Version
Distributor	Supplier	3.1
HHDC	Distributor	1.0
HHDC	MOP	3.1
HHDC	Supplier	1.0
Supplier	HHDC	3.1

Data Items:

Reference	Item Name
J0020	Actual/Estimated Indicator
J0012	Additional Information
J0018	Date (Midnight to Midnight UTC)
J0103	Measurement Quantity Id
J0004	Meter Id (Serial Number)
J0707	Meter Period Flag
J0019	Meter Period Number
J0708	Meter Period Reason Code
J0709	Meter Period Status
J0378	Meter Period Tag
J0021	Meter Period Value
J0010	Meter Register Id
J0003	MPAN Core
J1019	Reading Date & Time in UTC
J0171	Reading Type
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
007	MPAN Cores	1-*		G								
					1							MPAN Core
008	Meter Ids	1-*		G								
						1						Meter Id (Serial Number)
009	Reading Dates/Types	1-*				G						
							1					Reading Date & Time in UTC
							1					Reading Type
010	Meter Registers	1-*					G					
								1				Meter Register Id
								1				Measurement Quantity Id
011	Dates for HH Data	1-*						G				
									1			Date (Midnight to Midnight UTC)
012	HH Advances	48							G			
										1		Meter Period Number
											1	Actual/Estimated Indicator
											1	Meter Period Value
										O		Meter Period Tag

Flow Reference: **D0003**Flow Version: **001**

Status: Operational

										O	Meter Period Flag
										O	Meter Period Status
										O	Meter Period Reason Code
013	Site Visit Information	0-*			G						
						1					Site Visit Check Code
					O						Additional Information

Notes:	This flow is for notification of validated half-hourly advances and includes optional data items for any site visit check information.
	Where site visit information details apply at meter level it is anticipated that this will be detailed at MPAN Core level in the Additional Information field. Flow occurrence between Distributor and Supplier and Supplier to DC have been included to cover the Unmetered Supply Requirements.

Commented [JW4]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1119	Pool Validation Status removed.
Version 3.1	1490	Reading Date & Time replaced by Reading Date and Time in UTC.
Version 3.1	1502	HHDC to MOP added as a new flow occurrence.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1651	HHDC to SDP Operator/Generator (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1885	Flow occurrences between Distributor to Supplier, and Supplier to HHDC have been included to cover the unmetered supply requirements.
Version 3.1	1885	Notes added.
Version 4	2649	All flow occurrences from MOP removed.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 5	3003	Flow occurrence from HHDC to HHDC removed.
Version 8.4	3271	Instances of HHDC to Generator (Scotland) and SDP Operator removed
Version 8.9	3282	Deleted from the Notes section references to the MOP, to reflect the fact that since version 4.0 of the DTC, the MOP no longer sends the D0003.

Flow Reference: **D0004**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Failure to Obtain Reading		
Flow Description:	A report identifying meter reading systems where readings could not be obtained..		
Flow Ownership:	MRA		
From	To	Version	
HHDC	Supplier	1.0	
NHHDC	Supplier	1.0	
NHHDR	NHHDC	5.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0004	Meter Id (Serial Number)
J0003	MPAN Core
J0016	Reading Date & Time
J0171	Reading Type
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
014	MPAN Cores	1-*		G								
					1							MPAN Core
015	Attempted Reading Details	1-*		G								
					1							Meter Id (Serial Number)
					1							Reading Type
					1							Reading Date & Time
016	Site Visit Information	1-*		G								
					1							Site Visit Check Code
					O							Additional Information

Notes:	<p>Reading date & time is that date and time at which the last attempt was made to read the meter.</p> <p>For routine readings where no access is obtained these will still be passed to the Supplier (for billing the customer) to estimate and the EAC used by the DC for Settlement. No access means that the Agent was unable to gain sight of the meter.</p>
---------------	---

Commented [JW5]: Data ItemValue rule

Commented [JW6]: Process Obligation

Commented [JW7]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	948	Instances of this flow from Supplier removed from the "from" table as not required.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2562	Notes added.
Version 4	2650	Flow occurrence from MOP to Supplier removed.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 5	3020	Flow occurrence from NHHDR to NHHDC added.
Version 8.4	3271	Instance of HHDC to Generator (Scotland) removed

Flow Reference: **D0005**Flow Version: **001**

Status: Operational

Flow Name:	Instruction on Action
Flow Description:	Request for action on metering systems..
Flow Ownership:	MRA

From	To	Version
Distributor	HHDC	3.2
HHDC	MOP	2.0
MOP	HHDC	3.2
Supplier	HHDC	1.0
Supplier	MOP	2.0
Supplier	NHHDC	1.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0028	Date Action Required By
J0292	Earliest Appointment Time
J0088	Effective to Settlement Date {MACDC}
J0293	Latest Appointment Time
J0004	Meter Id (Serial Number)
J0003	MPAN Core
J0173	Reason for Request
J0007	Requested Action Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
017	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Reason for Request
					O							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
018	Meters	1-*		G								
						O						Meter Id (Serial Number)
						O						Additional Information
019	Requested Actions	1-*				G						
							1					Requested Action Code
020	Action Required By	1	If Requested Action Code not equal to '02'				G					
								1				Date Action Required By
021	Settlement Date	1	If Requested Action Code = '02'				G					
								1				Effective to Settlement Date {MACDC}

Commented [JW8]: Message Collection Conditional Rule

Commented [JW9]: Message Collection Conditional Rule

Notes:	
---------------	--

Flow Reference: D0005**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1889	Meter Id (Serial Number) in Group 18 made optional.
Version 3.2	2300	Add flow occurrences from Distributor to HHDC and MOP to HHDC.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4.1	2888	Flow occurrence from NHHDC to MOP removed.
Version 8.4	3271	Instances of Generator (Scotland) to HHDC and MOP removed

Flow Reference: **D0008**Flow Version: **001**

Status: Operational

Flow Name:	Meter Advance Reconciliation Report		
Flow Description:	Cumulative reading from HH Meters (MIST/MOST) for performing meter advance reconciliation..		
Flow Ownership:	MRA		
From	To	Version	
HHDC	Distributor	1.0	
HHDC	Supplier	1.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0273	MAR Percentage Difference
J0041	MAR Status
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J1019	Reading Date & Time in UTC
J0171	Reading Type
J0040	Register Reading
J0024	Site Visit Check Code
J0272	Total Period Metered Consumption

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
022	MPAN Cores	1-*		G								
					1							MPAN Core
						1						MAR Status
023	Meter Consumption Summary	0-*		G								
						1						Meter Id (Serial Number)
						1						Reading Type
						1						Total Period Metered Consumption
						1						MAR Percentage Difference
024	Register Readings	0-*		G								
						1						Meter Register Id
							1					Reading Date & Time in UTC
							1					Register Reading
025	Site Visit Information	0-*		G								
						1						Site Visit Check Code
						O						Additional Information

Notes:	This flow reports on the results of Meter Advance Reconciliation (MAR) for half-hourly meters, and includes the MAR reading and sum of half-hourly advances for the MAR period.
---------------	---

Commented [JW10]: Guidance

Flow Reference: D0008**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1490	Reading Date & Time replaced by Reading Date & Time in UTC (J1019)
Version 3.1	1552	If MAR status is overdue then G0023 and G0024 are optional range groups.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 8.4	3271	Instance of HHDC to Generator (Scotland) removed

Flow Reference: **D0010**Flow Version: **002**

Status: Operational

Flow Name:	Meter Readings	
Flow Description:	Cumulative readings and maximum demand readings..	
Flow Ownership:	MRA	
From	To	Version
Distributor	NHHDC	11.1
HHDC	Distributor	11.1
HHDC	HHDC	11.1
HHDC	Supplier	11.1
MOP	Distributor	11.1
MOP	HHDC	11.1
MOP	MOP	11.3
MOP	NHHDC	11.1
MOP	Supplier	11.1
NHHDC	Distributor	11.1
NHHDC	NHHDC	11.1
NHHDC	Supplier	11.1
NHHDR	NHHDC	11.1
Supplier	Distributor	11.9
Supplier	NHHDC	11.1
Supplier	Supplier	11.6

Data Items:

Reference	Item Name
J0012	Additional Information
J0022	BSC Validation Status
J0044	MD Reset Date & Time
J0004	Meter Id (Serial Number)
J0045	Meter Reading Flag
J0332	Meter Reading Reason Code
J0047	Meter Reading Status
J0010	Meter Register Id
J0003	MPAN Core
J1013	Number of MD Resets
J0016	Reading Date & Time
J1888	Reading Method
J0171	Reading Type
J0040	Register Reading
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
026	MPAN Cores	1-*		G								
					1							MPAN Core
					1							BSC Validation Status
027	Site Visit Information	0-*		G								
					1							Site Visit Check Code
					O							Additional Information

Status: Operational

Commented [JW11]: Message Collection Conditional Rule

Commented [JW17]: Data Item Value Rule

Flow Reference: D0010**Flow Version: 002****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	962	Notes added to improve clarity.
Version 3.1	1174	Instance of the flow going from MOP to Distributor removed. The MOP will not provide Meter Readings to the Distributor.
Version 3.1	1554	G0031 removed as not required.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1648	Add new data item 'Number of MD Resets'.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1960	Flows from HHDC to MOP and NHHDC to MOP removed.
Version 3.1	2054	MOP to Supplier deleted as they would not send validated readings.
Version 4	2435	Notes added.
Version 4	2473	Range of group 030 changed to 0-*.
Version 4	2475	Groups 030 has been made a child of group 028. Groups 032 and 033 remain children of 030.
Version 4	2651	Flow occurrence from Old HHDC to New HHDC removed.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 4	2788	Flow occurrence from Distributor to NHHDC added.
Version 4.1	2896	Flow occurrences from NHHDC to HHDC and from HHDC to NHHDC removed.
Version 5	3021	Flow occurrence from NHHDR to NHHDC added.
Version 7.5	3208	Flow occurrence from HHDC to HHDC added.
Version 8.3	3265	Notes added on NHHDC completing "Reading Type" when receiving an Old Supplier's Estimated CoS Reading on a D0071
Version 8.4	3261	New instances of MOP to Supplier and Distributor added, and Notes amended to differentiate when those instances should be sent for HH sites
Version 8.4	3271	Instance of HHDC to Generator (Scotland) removed
Version 11.1	3419	J1888 - "Reading Method" Data Item added to "Register Readings" group
Version 11.3	3428	MOP to MOP instance added.
Version 11.6	3469	Supplier to Supplier instance added
Version 11.8	3491	3491A- Reference to Annex C rules DCC entolled smart meter readings
Version 11.9	3496	Supplier to Distributor instance added

Flow Reference: **D0011**Flow Version: **001**

Status: Operational

Flow Name:	Agreement of Contractual Terms		
Flow Description:	Acknowledgement of appointment and terms or renewal of contractual terms..		
Flow Ownership:	MRA		
From	To	Version	
HHDA	Supplier	1.0	
HHDC	Supplier	1.0	
MOP	Supplier	1.0	
NHHDA	Supplier	1.0	
NHHDC	Supplier	1.0	

Data Items:

Reference	Item Name
J0048	Contract Reference
J0219	Effective from Date {DCA}
J0210	Effective from Date {MOA}
J0334	Effective from Settlement Date {DAA}
J0049	Effective from Settlement Date {REGI}
J0003	MPAN Core
J0275	Service Level Reference
J0274	Service Reference

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
034	Contract Terms Data	1..*		G								
					1							MPAN Core
					1							Contract Reference
					1							Effective from Settlement Date {REGI}
035	DC Effective Date	1	If Data Collector Appointment		G							
						1						Effective from Date {DCA}
036	MOP Effective Date	1	If Meter Operator Appointment		G							
						1						Effective from Date {MOA}
037	DA Effective Date	1	If Data Aggregator Appointment		G							
						1						Effective from Settlement Date {DAA}
038	Agreed Service Details	0..*			G							
						1						Service Reference
						1						Service Level Reference

Notes: See Rejection of Agent appointment flow (D0261).

Commented [JW18]: Message Scenario Variant

Commented [JW19]: Message Scenario Variant

Commented [JW20]: Message Scenario Variant

Flow Reference: D0011**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	387	Note added.
Version 3.1	1645	MOP to Distributor/Generator (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 8.4	3271	Instances of HHDC and MOP to Generator (Scotland) removed

Flow Reference: **D0012**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of the Inclusion of the Metering Point in the Reading Schedules
Flow Description:	Acknowledge that a specified metering point is included in a reading schedule quoting the dates applicable..
Flow Ownership:	MRA

From	To	Version
HHDC	Distributor	3.0
HHDC	Supplier	1.0
NHHDC	Distributor	3.0
NHHDC	Supplier	1.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0369	Meter Reading Schedule Date
J0003	MPAN Core
J0277	Regular Reading Cycle

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
039	Reading Schedule Data	1-*		G								
					1							MPAN Core
					1							Meter Reading Schedule Date
					1							Regular Reading Cycle
					O							Additional Information

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	375	Flow Type Manual added due to the low volumes of this encountered in the half hourly market.
Version 3.1	1556	Supplier to NHHDC flow occurrence deleted. Not required.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from HHDC to Generator (Scotland) removed.

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

Flow Name:	Daily Profile Data Report		
Flow Description:	Details of the daily profile production process..		
Flow Ownership:	BSC		
From	To	Version	
SVAA	NHHDC	11.4	
SVAA	Supplier	6.0	

Data Items:

Reference	Item Name
J0062	Actual Noon Temperature
J1104	GSP Group
J0066	GSP Group Id
J0876	Low Register Profile Coefficient (Settlement Period 01)
J1460	Low Register Profile Coefficient (Settlement Period 02)
J1461	Low Register Profile Coefficient (Settlement Period 03)
J1462	Low Register Profile Coefficient (Settlement Period 04)
J1463	Low Register Profile Coefficient (Settlement Period 05)
J1464	Low Register Profile Coefficient (Settlement Period 06)
J1465	Low Register Profile Coefficient (Settlement Period 07)
J1466	Low Register Profile Coefficient (Settlement Period 08)
J1467	Low Register Profile Coefficient (Settlement Period 09)
J1468	Low Register Profile Coefficient (Settlement Period 10)
J1469	Low Register Profile Coefficient (Settlement Period 11)
J1470	Low Register Profile Coefficient (Settlement Period 12)
J1471	Low Register Profile Coefficient (Settlement Period 13)
J1472	Low Register Profile Coefficient (Settlement Period 14)
J1473	Low Register Profile Coefficient (Settlement Period 15)
J1474	Low Register Profile Coefficient (Settlement Period 16)
J1475	Low Register Profile Coefficient (Settlement Period 17)
J1476	Low Register Profile Coefficient (Settlement Period 18)
J1477	Low Register Profile Coefficient (Settlement Period 19)
J1478	Low Register Profile Coefficient (Settlement Period 20)
J1479	Low Register Profile Coefficient (Settlement Period 21)
J1480	Low Register Profile Coefficient (Settlement Period 22)
J1481	Low Register Profile Coefficient (Settlement Period 23)
J1482	Low Register Profile Coefficient (Settlement Period 24)
J1483	Low Register Profile Coefficient (Settlement Period 25)
J1484	Low Register Profile Coefficient (Settlement Period 26)
J1485	Low Register Profile Coefficient (Settlement Period 27)
J1486	Low Register Profile Coefficient (Settlement Period 28)
J1487	Low Register Profile Coefficient (Settlement Period 29)
J1488	Low Register Profile Coefficient (Settlement Period 30)
J1489	Low Register Profile Coefficient (Settlement Period 31)
J1490	Low Register Profile Coefficient (Settlement Period 32)
J1491	Low Register Profile Coefficient (Settlement Period 33)
J1492	Low Register Profile Coefficient (Settlement Period 34)
J1493	Low Register Profile Coefficient (Settlement Period 35)
J1494	Low Register Profile Coefficient (Settlement Period 36)
J1495	Low Register Profile Coefficient (Settlement Period 37)
J1496	Low Register Profile Coefficient (Settlement Period 38)
J1497	Low Register Profile Coefficient (Settlement Period 39)

Flow Reference: D0018**Flow Version: 001****Status: Operational**

Reference	Item Name
J1498	Low Register Profile Coefficient (Settlement Period 40)
J1499	Low Register Profile Coefficient (Settlement Period 41)
J1500	Low Register Profile Coefficient (Settlement Period 42)
J1501	Low Register Profile Coefficient (Settlement Period 43)
J1502	Low Register Profile Coefficient (Settlement Period 44)
J1503	Low Register Profile Coefficient (Settlement Period 45)
J1504	Low Register Profile Coefficient (Settlement Period 46)
J1505	Low Register Profile Coefficient (Settlement Period 47)
J1506	Low Register Profile Coefficient (Settlement Period 48)
J1507	Low Register Profile Coefficient (Settlement Period 49)
J1508	Low Register Profile Coefficient (Settlement Period 50)
J0068	Noon Effective Temperature
J0877	Normal Register Profile Coefficient (Settlement Period 01)
J1509	Normal Register Profile Coefficient (Settlement Period 02)
J1510	Normal Register Profile Coefficient (Settlement Period 03)
J1511	Normal Register Profile Coefficient (Settlement Period 04)
J1512	Normal Register Profile Coefficient (Settlement Period 05)
J1513	Normal Register Profile Coefficient (Settlement Period 06)
J1514	Normal Register Profile Coefficient (Settlement Period 07)
J1515	Normal Register Profile Coefficient (Settlement Period 08)
J1516	Normal Register Profile Coefficient (Settlement Period 09)
J1517	Normal Register Profile Coefficient (Settlement Period 10)
J1518	Normal Register Profile Coefficient (Settlement Period 11)
J1519	Normal Register Profile Coefficient (Settlement Period 12)
J1520	Normal Register Profile Coefficient (Settlement Period 13)
J1521	Normal Register Profile Coefficient (Settlement Period 14)
J1522	Normal Register Profile Coefficient (Settlement Period 15)
J1523	Normal Register Profile Coefficient (Settlement Period 16)
J1524	Normal Register Profile Coefficient (Settlement Period 17)
J1525	Normal Register Profile Coefficient (Settlement Period 18)
J1526	Normal Register Profile Coefficient (Settlement Period 19)
J1527	Normal Register Profile Coefficient (Settlement Period 20)
J1528	Normal Register Profile Coefficient (Settlement Period 21)
J1529	Normal Register Profile Coefficient (Settlement Period 22)
J1530	Normal Register Profile Coefficient (Settlement Period 23)
J1531	Normal Register Profile Coefficient (Settlement Period 24)
J1532	Normal Register Profile Coefficient (Settlement Period 25)
J1533	Normal Register Profile Coefficient (Settlement Period 26)
J1534	Normal Register Profile Coefficient (Settlement Period 27)
J1535	Normal Register Profile Coefficient (Settlement Period 28)
J1536	Normal Register Profile Coefficient (Settlement Period 29)
J1537	Normal Register Profile Coefficient (Settlement Period 30)
J1538	Normal Register Profile Coefficient (Settlement Period 31)
J1539	Normal Register Profile Coefficient (Settlement Period 32)
J1540	Normal Register Profile Coefficient (Settlement Period 33)
J1541	Normal Register Profile Coefficient (Settlement Period 34)
J1542	Normal Register Profile Coefficient (Settlement Period 35)
J1543	Normal Register Profile Coefficient (Settlement Period 36)
J1544	Normal Register Profile Coefficient (Settlement Period 37)
J1545	Normal Register Profile Coefficient (Settlement Period 38)
J1546	Normal Register Profile Coefficient (Settlement Period 39)
J1547	Normal Register Profile Coefficient (Settlement Period 40)

Flow Reference: D0018**Flow Version: 001****Status: Operational**

Reference	Item Name
J1548	Normal Register Profile Coefficient (Settlement Period 41)
J1549	Normal Register Profile Coefficient (Settlement Period 42)
J1550	Normal Register Profile Coefficient (Settlement Period 43)
J1551	Normal Register Profile Coefficient (Settlement Period 44)
J1552	Normal Register Profile Coefficient (Settlement Period 45)
J1553	Normal Register Profile Coefficient (Settlement Period 46)
J1554	Normal Register Profile Coefficient (Settlement Period 47)
J1555	Normal Register Profile Coefficient (Settlement Period 48)
J1556	Normal Register Profile Coefficient (Settlement Period 49)
J1557	Normal Register Profile Coefficient (Settlement Period 50)
J0069	Period Profile Coefficient Value (Settlement Period 01)
J1362	Period Profile Coefficient Value (Settlement Period 02)
J1363	Period Profile Coefficient Value (Settlement Period 03)
J1364	Period Profile Coefficient Value (Settlement Period 04)
J1365	Period Profile Coefficient Value (Settlement Period 05)
J1366	Period Profile Coefficient Value (Settlement Period 06)
J1367	Period Profile Coefficient Value (Settlement Period 07)
J1368	Period Profile Coefficient Value (Settlement Period 08)
J1369	Period Profile Coefficient Value (Settlement Period 09)
J1370	Period Profile Coefficient Value (Settlement Period 10)
J1371	Period Profile Coefficient Value (Settlement Period 11)
J1372	Period Profile Coefficient Value (Settlement Period 12)
J1373	Period Profile Coefficient Value (Settlement Period 13)
J1374	Period Profile Coefficient Value (Settlement Period 14)
J1375	Period Profile Coefficient Value (Settlement Period 15)
J1376	Period Profile Coefficient Value (Settlement Period 16)
J1377	Period Profile Coefficient Value (Settlement Period 17)
J1378	Period Profile Coefficient Value (Settlement Period 18)
J1379	Period Profile Coefficient Value (Settlement Period 19)
J1380	Period Profile Coefficient Value (Settlement Period 20)
J1381	Period Profile Coefficient Value (Settlement Period 21)
J1382	Period Profile Coefficient Value (Settlement Period 22)
J1383	Period Profile Coefficient Value (Settlement Period 23)
J1384	Period Profile Coefficient Value (Settlement Period 24)
J1385	Period Profile Coefficient Value (Settlement Period 25)
J1386	Period Profile Coefficient Value (Settlement Period 26)
J1387	Period Profile Coefficient Value (Settlement Period 27)
J1388	Period Profile Coefficient Value (Settlement Period 28)
J1389	Period Profile Coefficient Value (Settlement Period 29)
J1390	Period Profile Coefficient Value (Settlement Period 30)
J1391	Period Profile Coefficient Value (Settlement Period 31)
J1392	Period Profile Coefficient Value (Settlement Period 32)
J1393	Period Profile Coefficient Value (Settlement Period 33)
J1394	Period Profile Coefficient Value (Settlement Period 34)
J1395	Period Profile Coefficient Value (Settlement Period 35)
J1396	Period Profile Coefficient Value (Settlement Period 36)
J1397	Period Profile Coefficient Value (Settlement Period 37)
J1398	Period Profile Coefficient Value (Settlement Period 38)
J1399	Period Profile Coefficient Value (Settlement Period 39)
J1400	Period Profile Coefficient Value (Settlement Period 40)
J1401	Period Profile Coefficient Value (Settlement Period 41)
J1402	Period Profile Coefficient Value (Settlement Period 42)

Flow Reference: D0018**Flow Version: 001****Status: Operational**

Reference	Item Name
J1403	Period Profile Coefficient Value (Settlement Period 43)
J1404	Period Profile Coefficient Value (Settlement Period 44)
J1405	Period Profile Coefficient Value (Settlement Period 45)
J1406	Period Profile Coefficient Value (Settlement Period 46)
J1407	Period Profile Coefficient Value (Settlement Period 47)
J1408	Period Profile Coefficient Value (Settlement Period 48)
J1409	Period Profile Coefficient Value (Settlement Period 49)
J1410	Period Profile Coefficient Value (Settlement Period 50)
J0070	Period Register on State Indicator (Settlement Period 01)
J1411	Period Register on State Indicator (Settlement Period 02)
J1412	Period Register on State Indicator (Settlement Period 03)
J1413	Period Register on State Indicator (Settlement Period 04)
J1414	Period Register on State Indicator (Settlement Period 05)
J1415	Period Register on State Indicator (Settlement Period 06)
J1416	Period Register on State Indicator (Settlement Period 07)
J1417	Period Register on State Indicator (Settlement Period 08)
J1418	Period Register on State Indicator (Settlement Period 09)
J1419	Period Register on State Indicator (Settlement Period 10)
J1420	Period Register on State Indicator (Settlement Period 11)
J1421	Period Register on State Indicator (Settlement Period 12)
J1422	Period Register on State Indicator (Settlement Period 13)
J1423	Period Register on State Indicator (Settlement Period 14)
J1424	Period Register on State Indicator (Settlement Period 15)
J1425	Period Register on State Indicator (Settlement Period 16)
J1426	Period Register on State Indicator (Settlement Period 17)
J1427	Period Register on State Indicator (Settlement Period 18)
J1428	Period Register on State Indicator (Settlement Period 19)
J1429	Period Register on State Indicator (Settlement Period 20)
J1430	Period Register on State Indicator (Settlement Period 21)
J1431	Period Register on State Indicator (Settlement Period 22)
J1432	Period Register on State Indicator (Settlement Period 23)
J1433	Period Register on State Indicator (Settlement Period 24)
J1434	Period Register on State Indicator (Settlement Period 25)
J1435	Period Register on State Indicator (Settlement Period 26)
J1436	Period Register on State Indicator (Settlement Period 27)
J1437	Period Register on State Indicator (Settlement Period 28)
J1438	Period Register on State Indicator (Settlement Period 29)
J1439	Period Register on State Indicator (Settlement Period 30)
J1440	Period Register on State Indicator (Settlement Period 31)
J1441	Period Register on State Indicator (Settlement Period 32)
J1442	Period Register on State Indicator (Settlement Period 33)
J1443	Period Register on State Indicator (Settlement Period 34)
J1444	Period Register on State Indicator (Settlement Period 35)
J1445	Period Register on State Indicator (Settlement Period 36)
J1446	Period Register on State Indicator (Settlement Period 37)
J1447	Period Register on State Indicator (Settlement Period 38)
J1448	Period Register on State Indicator (Settlement Period 39)
J1449	Period Register on State Indicator (Settlement Period 40)
J1450	Period Register on State Indicator (Settlement Period 41)
J1451	Period Register on State Indicator (Settlement Period 42)
J1452	Period Register on State Indicator (Settlement Period 43)
J1453	Period Register on State Indicator (Settlement Period 44)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

Reference	Item Name
J1454	Period Register on State Indicator (Settlement Period 45)
J1455	Period Register on State Indicator (Settlement Period 46)
J1456	Period Register on State Indicator (Settlement Period 47)
J1457	Period Register on State Indicator (Settlement Period 48)
J1458	Period Register on State Indicator (Settlement Period 49)
J1459	Period Register on State Indicator (Settlement Period 50)
J0071	Profile Class Id
J0072	Profile Id
J1091	Profile Production Date
J1092	Profile Production Time
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0076	Standard Settlement Configuration Id
J0875	Sunset Variable
J0077	Time of Sunset
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					N							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name
					1							Report Parameters
					1							Report Parameters
HDR	Daily Profile Data Report Header	1		G								
					1							Profile Production Date
					1							Profile Production Time
GSP	GSP Group	0-*		G								
					1							GSP Group Id
					1							Actual Noon Temperature
					1							Noon Effective Temperature
					1							Time of Sunset
					1							Sunset Variable
PCL	Profile Class Details	0-*		G								
						1						Profile Class Id
PFL	Profile Details	0-*				G						
							1					Profile Id
BPP	Basic Period Profile Coefficients	1					G					
								1				Period Profile Coefficient Value (Settlement Period 01)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

								O			Period Profile Coefficient Value (Settlement Period 02)
								O			Period Profile Coefficient Value (Settlement Period 03)
								O			Period Profile Coefficient Value (Settlement Period 04)
								O			Period Profile Coefficient Value (Settlement Period 05)
								O			Period Profile Coefficient Value (Settlement Period 06)
								O			Period Profile Coefficient Value (Settlement Period 07)
								O			Period Profile Coefficient Value (Settlement Period 08)
								O			Period Profile Coefficient Value (Settlement Period 09)
								O			Period Profile Coefficient Value (Settlement Period 10)
								O			Period Profile Coefficient Value (Settlement Period 11)
								O			Period Profile Coefficient Value (Settlement Period 12)
								O			Period Profile Coefficient Value (Settlement Period 13)
								O			Period Profile Coefficient Value (Settlement Period 14)
								O			Period Profile Coefficient Value (Settlement Period 15)
								O			Period Profile Coefficient Value (Settlement Period 16)
								O			Period Profile Coefficient Value (Settlement Period 17)
								O			Period Profile Coefficient Value (Settlement Period 18)
								O			Period Profile Coefficient Value (Settlement Period 19)
								O			Period Profile Coefficient Value (Settlement Period 20)
								O			Period Profile Coefficient Value (Settlement Period 21)
								O			Period Profile Coefficient Value (Settlement Period 22)
								O			Period Profile Coefficient Value (Settlement Period 23)
								O			Period Profile Coefficient Value (Settlement Period 24)
								O			Period Profile Coefficient Value (Settlement Period 25)
								O			Period Profile Coefficient Value (Settlement Period 26)
								O			Period Profile Coefficient Value (Settlement Period 27)
								O			Period Profile Coefficient Value (Settlement Period 28)
								O			Period Profile Coefficient Value (Settlement Period 29)
								O			Period Profile Coefficient Value (Settlement Period 30)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

							O			Period Profile Coefficient Value (Settlement Period 31)
							O			Period Profile Coefficient Value (Settlement Period 32)
							O			Period Profile Coefficient Value (Settlement Period 33)
							O			Period Profile Coefficient Value (Settlement Period 34)
							O			Period Profile Coefficient Value (Settlement Period 35)
							O			Period Profile Coefficient Value (Settlement Period 36)
							O			Period Profile Coefficient Value (Settlement Period 37)
							O			Period Profile Coefficient Value (Settlement Period 38)
							O			Period Profile Coefficient Value (Settlement Period 39)
							O			Period Profile Coefficient Value (Settlement Period 40)
							O			Period Profile Coefficient Value (Settlement Period 41)
							O			Period Profile Coefficient Value (Settlement Period 42)
							O			Period Profile Coefficient Value (Settlement Period 43)
							O			Period Profile Coefficient Value (Settlement Period 44)
							O			Period Profile Coefficient Value (Settlement Period 45)
							O			Period Profile Coefficient Value (Settlement Period 46)
							O			Period Profile Coefficient Value (Settlement Period 47)
							O			Period Profile Coefficient Value (Settlement Period 48)
							O			Period Profile Coefficient Value (Settlement Period 49)
							O			Period Profile Coefficient Value (Settlement Period 50)
SSC	Standard Settlement Configuration Details	0-*				G				
							1			Standard Settlement Configuration Id
CPP	Combined Period Profile Coefficients	0-1				G				
							1			Low Register Profile Coefficient (Settlement Period 01)
							1			Normal Register Profile Coefficient (Settlement Period 01)
							1			Low Register Profile Coefficient (Settlement Period 02)
							1			Normal Register Profile Coefficient (Settlement Period 02)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

								1			Low Register Profile Coefficient (Settlement Period 03)
								1			Normal Register Profile Coefficient (Settlement Period 03)
								1			Low Register Profile Coefficient (Settlement Period 04)
								1			Normal Register Profile Coefficient (Settlement Period 04)
								1			Low Register Profile Coefficient (Settlement Period 05)
								1			Normal Register Profile Coefficient (Settlement Period 05)
								1			Low Register Profile Coefficient (Settlement Period 06)
								1			Normal Register Profile Coefficient (Settlement Period 06)
								1			Low Register Profile Coefficient (Settlement Period 07)
								1			Normal Register Profile Coefficient (Settlement Period 07)
								1			Low Register Profile Coefficient (Settlement Period 08)
								1			Normal Register Profile Coefficient (Settlement Period 08)
								1			Low Register Profile Coefficient (Settlement Period 09)
								1			Normal Register Profile Coefficient (Settlement Period 09)
								1			Low Register Profile Coefficient (Settlement Period 10)
								1			Normal Register Profile Coefficient (Settlement Period 10)
								1			Low Register Profile Coefficient (Settlement Period 11)
								1			Normal Register Profile Coefficient (Settlement Period 11)
								1			Low Register Profile Coefficient (Settlement Period 12)
								1			Normal Register Profile Coefficient (Settlement Period 12)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

								1			Low Register Profile Coefficient (Settlement Period 13)
								1			Normal Register Profile Coefficient (Settlement Period 13)
								1			Low Register Profile Coefficient (Settlement Period 14)
								1			Normal Register Profile Coefficient (Settlement Period 14)
								1			Low Register Profile Coefficient (Settlement Period 15)
								1			Normal Register Profile Coefficient (Settlement Period 15)
								1			Low Register Profile Coefficient (Settlement Period 16)
								1			Normal Register Profile Coefficient (Settlement Period 16)
								1			Low Register Profile Coefficient (Settlement Period 17)
								1			Normal Register Profile Coefficient (Settlement Period 17)
								1			Low Register Profile Coefficient (Settlement Period 18)
								1			Normal Register Profile Coefficient (Settlement Period 18)
								1			Low Register Profile Coefficient (Settlement Period 19)
								1			Normal Register Profile Coefficient (Settlement Period 19)
								1			Low Register Profile Coefficient (Settlement Period 20)
								1			Normal Register Profile Coefficient (Settlement Period 20)
								1			Low Register Profile Coefficient (Settlement Period 21)
								1			Normal Register Profile Coefficient (Settlement Period 21)
								1			Low Register Profile Coefficient (Settlement Period 22)
								1			Normal Register Profile Coefficient (Settlement Period 22)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

								1			Low Register Profile Coefficient (Settlement Period 23)
								1			Normal Register Profile Coefficient (Settlement Period 23)
								1			Low Register Profile Coefficient (Settlement Period 24)
								1			Normal Register Profile Coefficient (Settlement Period 24)
								1			Low Register Profile Coefficient (Settlement Period 25)
								1			Normal Register Profile Coefficient (Settlement Period 25)
								1			Low Register Profile Coefficient (Settlement Period 26)
								1			Normal Register Profile Coefficient (Settlement Period 26)
								1			Low Register Profile Coefficient (Settlement Period 27)
								1			Normal Register Profile Coefficient (Settlement Period 27)
								1			Low Register Profile Coefficient (Settlement Period 28)
								1			Normal Register Profile Coefficient (Settlement Period 28)
								1			Low Register Profile Coefficient (Settlement Period 29)
								1			Normal Register Profile Coefficient (Settlement Period 29)
								1			Low Register Profile Coefficient (Settlement Period 30)
								1			Normal Register Profile Coefficient (Settlement Period 30)
								1			Low Register Profile Coefficient (Settlement Period 31)
								1			Normal Register Profile Coefficient (Settlement Period 31)
								1			Low Register Profile Coefficient (Settlement Period 32)
								1			Normal Register Profile Coefficient (Settlement Period 32)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

								1			Low Register Profile Coefficient (Settlement Period 33)
								1			Normal Register Profile Coefficient (Settlement Period 33)
								1			Low Register Profile Coefficient (Settlement Period 34)
								1			Normal Register Profile Coefficient (Settlement Period 34)
								1			Low Register Profile Coefficient (Settlement Period 35)
								1			Normal Register Profile Coefficient (Settlement Period 35)
								1			Low Register Profile Coefficient (Settlement Period 36)
								1			Normal Register Profile Coefficient (Settlement Period 36)
								1			Low Register Profile Coefficient (Settlement Period 37)
								1			Normal Register Profile Coefficient (Settlement Period 37)
								1			Low Register Profile Coefficient (Settlement Period 38)
								1			Normal Register Profile Coefficient (Settlement Period 38)
								1			Low Register Profile Coefficient (Settlement Period 39)
								1			Normal Register Profile Coefficient (Settlement Period 39)
								1			Low Register Profile Coefficient (Settlement Period 40)
								1			Normal Register Profile Coefficient (Settlement Period 40)
								1			Low Register Profile Coefficient (Settlement Period 41)
								1			Normal Register Profile Coefficient (Settlement Period 41)
								1			Low Register Profile Coefficient (Settlement Period 42)
								1			Normal Register Profile Coefficient (Settlement Period 42)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

								1			Low Register Profile Coefficient (Settlement Period 43)
								1			Normal Register Profile Coefficient (Settlement Period 43)
								1			Low Register Profile Coefficient (Settlement Period 44)
								1			Normal Register Profile Coefficient (Settlement Period 44)
								1			Low Register Profile Coefficient (Settlement Period 45)
								1			Normal Register Profile Coefficient (Settlement Period 45)
								1			Low Register Profile Coefficient (Settlement Period 46)
								1			Normal Register Profile Coefficient (Settlement Period 46)
								O			Low Register Profile Coefficient (Settlement Period 47)
								O			Normal Register Profile Coefficient (Settlement Period 47)
								O			Low Register Profile Coefficient (Settlement Period 48)
								O			Normal Register Profile Coefficient (Settlement Period 48)
								O			Low Register Profile Coefficient (Settlement Period 49)
								O			Normal Register Profile Coefficient (Settlement Period 49)
								O			Low Register Profile Coefficient (Settlement Period 50)
								O			Normal Register Profile Coefficient (Settlement Period 50)
VMR	Valid Measurement Requirement	0-*						G			
								1			Time Pattern Regime
PPC	Period Profile Coefficients	1						G			
								1			Period Profile Coefficient Value (Settlement Period 01)
								1			Period Register on State Indicator (Settlement Period 01)
								1			Period Profile Coefficient Value (Settlement Period 02)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

										1		Period Register on State Indicator (Settlement Period 02)
										1		Period Profile Coefficient Value (Settlement Period 03)
										1		Period Register on State Indicator (Settlement Period 03)
										1		Period Profile Coefficient Value (Settlement Period 04)
										1		Period Register on State Indicator (Settlement Period 04)
										1		Period Profile Coefficient Value (Settlement Period 05)
										1		Period Register on State Indicator (Settlement Period 05)
										1		Period Profile Coefficient Value (Settlement Period 06)
										1		Period Register on State Indicator (Settlement Period 06)
										1		Period Profile Coefficient Value (Settlement Period 07)
										1		Period Register on State Indicator (Settlement Period 07)
										1		Period Profile Coefficient Value (Settlement Period 08)
										1		Period Register on State Indicator (Settlement Period 08)
										1		Period Profile Coefficient Value (Settlement Period 09)
										1		Period Register on State Indicator (Settlement Period 09)
										1		Period Profile Coefficient Value (Settlement Period 10)
										1		Period Register on State Indicator (Settlement Period 10)
										1		Period Profile Coefficient Value (Settlement Period 11)
										1		Period Register on State Indicator (Settlement Period 11)
										1		Period Profile Coefficient Value (Settlement Period 12)
										1		Period Register on State Indicator (Settlement Period 12)
										1		Period Profile Coefficient Value (Settlement Period 13)
										1		Period Register on State Indicator (Settlement Period 13)
										1		Period Profile Coefficient Value (Settlement Period 14)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

										1		Period Register on State Indicator (Settlement Period 14)
										1		Period Profile Coefficient Value (Settlement Period 15)
										1		Period Register on State Indicator (Settlement Period 15)
										1		Period Profile Coefficient Value (Settlement Period 16)
										1		Period Register on State Indicator (Settlement Period 16)
										1		Period Profile Coefficient Value (Settlement Period 17)
										1		Period Register on State Indicator (Settlement Period 17)
										1		Period Profile Coefficient Value (Settlement Period 18)
										1		Period Register on State Indicator (Settlement Period 18)
										1		Period Profile Coefficient Value (Settlement Period 19)
										1		Period Register on State Indicator (Settlement Period 19)
										1		Period Profile Coefficient Value (Settlement Period 20)
										1		Period Register on State Indicator (Settlement Period 20)
										1		Period Profile Coefficient Value (Settlement Period 21)
										1		Period Register on State Indicator (Settlement Period 21)
										1		Period Profile Coefficient Value (Settlement Period 22)
										1		Period Register on State Indicator (Settlement Period 22)
										1		Period Profile Coefficient Value (Settlement Period 23)
										1		Period Register on State Indicator (Settlement Period 23)
										1		Period Profile Coefficient Value (Settlement Period 24)
										1		Period Register on State Indicator (Settlement Period 24)
										1		Period Profile Coefficient Value (Settlement Period 25)
										1		Period Register on State Indicator (Settlement Period 25)
										1		Period Profile Coefficient Value (Settlement Period 26)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

										1		Period Register on State Indicator (Settlement Period 26)
										1		Period Profile Coefficient Value (Settlement Period 27)
										1		Period Register on State Indicator (Settlement Period 27)
										1		Period Profile Coefficient Value (Settlement Period 28)
										1		Period Register on State Indicator (Settlement Period 28)
										1		Period Profile Coefficient Value (Settlement Period 29)
										1		Period Register on State Indicator (Settlement Period 29)
										1		Period Profile Coefficient Value (Settlement Period 30)
										1		Period Register on State Indicator (Settlement Period 30)
										1		Period Profile Coefficient Value (Settlement Period 31)
										1		Period Register on State Indicator (Settlement Period 31)
										1		Period Profile Coefficient Value (Settlement Period 32)
										1		Period Register on State Indicator (Settlement Period 32)
										1		Period Profile Coefficient Value (Settlement Period 33)
										1		Period Register on State Indicator (Settlement Period 33)
										1		Period Profile Coefficient Value (Settlement Period 34)
										1		Period Register on State Indicator (Settlement Period 34)
										1		Period Profile Coefficient Value (Settlement Period 35)
										1		Period Register on State Indicator (Settlement Period 35)
										1		Period Profile Coefficient Value (Settlement Period 36)
										1		Period Register on State Indicator (Settlement Period 36)
										1		Period Profile Coefficient Value (Settlement Period 37)
										1		Period Register on State Indicator (Settlement Period 37)
										1		Period Profile Coefficient Value (Settlement Period 38)

Flow Reference: **D0018**Flow Version: **001**

Status: Operational

										1		Period Register on State Indicator (Settlement Period 38)
										1		Period Profile Coefficient Value (Settlement Period 39)
										1		Period Register on State Indicator (Settlement Period 39)
										1		Period Profile Coefficient Value (Settlement Period 40)
										1		Period Register on State Indicator (Settlement Period 40)
										1		Period Profile Coefficient Value (Settlement Period 41)
										1		Period Register on State Indicator (Settlement Period 41)
										1		Period Profile Coefficient Value (Settlement Period 42)
										1		Period Register on State Indicator (Settlement Period 42)
										1		Period Profile Coefficient Value (Settlement Period 43)
										1		Period Register on State Indicator (Settlement Period 43)
										1		Period Profile Coefficient Value (Settlement Period 44)
										1		Period Register on State Indicator (Settlement Period 44)
										1		Period Profile Coefficient Value (Settlement Period 45)
										1		Period Register on State Indicator (Settlement Period 45)
										1		Period Profile Coefficient Value (Settlement Period 46)
										1		Period Register on State Indicator (Settlement Period 46)
										O		Period Profile Coefficient Value (Settlement Period 47)
										O		Period Register on State Indicator (Settlement Period 47)
										O		Period Profile Coefficient Value (Settlement Period 48)
										O		Period Register on State Indicator (Settlement Period 48)
										O		Period Profile Coefficient Value (Settlement Period 49)
										O		Period Register on State Indicator (Settlement Period 49)
										O		Period Profile Coefficient Value (Settlement Period 50)

Flow Reference: **D0019**Flow Version: **001**

Status: Operational

Flow Name:	Metering System EAC/AA Data		
Flow Description:	Details of the annualised advance and estimated annual consumption calculated by the Data Collector for a metering system..		
Flow Ownership:	BSC		
From	To	Version	
NHHDC	NHHDA	1.0	
NHHDC	Supplier	1.0	

Data Items:

Reference	Item Name
J0079	Annualised Advance
J1096	Effective from Settlement Date
J1097	Effective to Settlement Date
J1099	Energisation Status Id
J0081	Estimated Annual Consumption
J0330	File Sequence Number
J0066	GSP Group Id
J0109	Instruction Number
J1094	Market Role
J0082	Measurement Class Id
J0083	Metering System Id
J1095	Participant Id
J0071	Profile Class Id
J0328	Significant Date
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0078	Time Pattern Regime
J1109	Type Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPI	Instruction File Additional Header	1		G								
					1							File Sequence Number
ZIN	Instruction Header	1-*		G								
					1							Instruction Number
					1							Type Code
					1							Metering System Id
					N							Market Role
					N							Participant Id
ISD	Significant Date	1		G								
					1							Significant Date
AAH	Annualised Advance Set Header	0-*		G								
					1							Effective from Settlement Date
					1							Effective to Settlement Date
AAD	Annualised Advance Details	1-*			G							
						1						Time Pattern Regime
						1						Annualised Advance

Flow Reference: **D0022**Flow Version: **001**

Status: Operational

Flow Name:	Estimated Half Hourly Data Report	
Flow Description:	A report listing the dates over a period for which HH data has been estimated including the total consumption estimated..	
Flow Ownership:	MRA	
From	To	Version
HHDC	Distributor	1.0
HHDC	Supplier	1.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0018	Date (Midnight to Midnight UTC)
J0100	Estimation Reason Code
J0103	Measurement Quantity Id
J0003	MPAN Core
J0102	Number of Periods Estimated
J0281	Total kWh (and kVAh) of Estimated Periods

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
062	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Estimation Reason Code
					O							Additional Information
063	Dates for Which HH Data Estimated	1-*		G								
						1						Date (Midnight to Midnight UTC)
						1						Number of Periods Estimated
						1						Measurement Quantity Id
						1						Total kWh (and kVAh) of Estimated Periods

Notes:	This is a report (by MSID) showing dates for which meter period data has been estimated and includes total consumption estimated and number of half-hour periods affected.
---------------	--

Commented [JW25]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 8.4	3271	Instance of HHDC to Generator (Scotland) removed

Flow Reference: **D0023**Flow Version: **001**

Status: Operational

Flow Name:	Failed Instructions		
Flow Description:	Details of failures reported by the Data Aggregator to the source of the data..		
Flow Ownership:	BSC		
From	To	Version	
HHDA	MPAS Agent	1.0	
NHHDA	MPAS Agent	1.0	
NHHDA	NHHDC	1.0	

Data Items:

Reference	Item Name
J1101	Failure Reason Additional Data
J1361	Instruction Failure Reason Code
J1100	Instruction Sequence Number
J0083	Metering System Id
J0328	Significant Date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
MSH	Metering System Header	1-*		G								
					1							Metering System Id
					1							Significant Date
INH	Instruction Header	1-*		G								
					1							Instruction Sequence Number
INR	Instructions Reasons for Failure	0-*			G							
						1						Instruction Failure Reason Code
						1						Failure Reason Additional Data

Notes:	All MS Failure Details will relate to MPAN Core except where a Refresh fails, then this will refer to Distributor Id. Additional Failure Detail must be related to Rejection Reason Code.
---------------	--

Commented [JW26]: These statements don't reference to data in the flow?

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.2	2399	Flow occurrences HHDA to HHDC and HHDA to Supplier removed.
Version 4	2815	Data item 'Failure Reason Code' replaced by 'Instruction Failure Reason Code'.
Version 5	3004	Flow occurrence from NHHDA to Supplier removed.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3075	Historical Notes deleted
Version 7	3111	'PRS Agent' replaced by 'MPAS Agent' as a receiving Market Participant Role

Flow Reference: **D0028**Flow Version: **001**

Status: Operational

Flow Name:	Standing Profile Data Report		
Flow Description:	A standing profile data report for one or all GSP Group containing data valid for a day..		
Flow Ownership:	BSC		
From	To	Version	
SVAA	NHHDC	6.0	
SVAA	Supplier	6.0	

Data Items:

Reference	Item Name
J0127	Day Type Id
J0129	Group Average Annual Consumption
J1104	GSP Group
J0066	GSP Group Id
J1102	Period Id
J0122	Profile Class Description
J0071	Profile Class Id
J0124	Profile Description
J0072	Profile Id
J1091	Profile Production Date
J1092	Profile Production Time
J0878	Profile Settlement Periods
J0433	Regression Coefficient
J1191	Report Paramaters (GSP Groups)
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0128	Season Id
J0146	Settlement Code
J0073	Settlement Date
J0123	Switched Load Profile Class Ind
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					N							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name
					1							Report Parameters
					1							Report Parameters
					1							Report Paramaters (GSP Groups)
HDR	Standing Profile Data Report Header	1		G								
					1							Season Id
					1							Day Type Id

Flow Reference: **D0028**Flow Version: **001**

Status: Operational

				1						Profile Production Date
				1						Profile Production Time
PCD	Profile Class Details	0-*		G						
				1						Profile Class Id
				1						Profile Class Description
				1						Switched Load Profile Class Ind
PFD	Profile Details	0-*		G						
					1					Profile Id
					1					Profile Description
					1					Profile Settlement Periods
GAA	Group Average Annual Consumption	0-*		G						
					1					GSP Group Id
					1					Group Average Annual Consumption
RGC	Regression Coefficient	0-*		G						
					1					Period Id
					1					Regression Coefficient
					1					Regression Coefficient
					1					Regression Coefficient
					1					Regression Coefficient
					1					Regression Coefficient
					1					Regression Coefficient
					1					Regression Coefficient
					1					Regression Coefficient

Notes: This Flow is only available upon request from the SVAA Helpdesk. Due to changes in the field length (from 39 to 42) for J1191 'Report Parameters (GSP Groups)', this Flow will not be transmitted using the DTN, and participants should agree an alternative method with SVAA at the time of requesting the Flow.

Commented [JW27]: Permissible Message Means

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1209 replaced with J0143. Data Item J1215 replaced by J0066
Version 3.101	2119	Data Item J1090 replaced by J1191 as the last item in the group RDT.
Version 4	2818	Data Item 'End Time' removed from Group RGC.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	New Flow occurrences from SVAA to NHHDC and SVAA to Supplier added
Version 6	3081	Flow occurrences from ISRA (DPP) to NHHDC and Supplier removed
Version 8.3	3254	Flow notes added to specify that the flow is only available on request and will not be sent via the DTN
Version 8.4	3271	Instances of IARA (DPP) to NHHDC and Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier/NHHDC removed

Flow Reference: **D0029**Flow Version: **001**

Status: Operational

Flow Name:	Standard Settlement Configuration Report	
Flow Description:	Details of the Valid Settlement Configuration Profile Classes, Valid Measurement Profile Class, Clock Intervals, Teleswitch Intervals..	
Flow Ownership:	BSC	
From	To	Version
SVAA	NHHDC	6.0
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0133	Average Fraction of Yearly Consumption
J0726	Day of the Week Id
J0287	End Day
J0288	End Month
J0143	End Time
J0744	GMT Indicator
J1104	GSP Group
J0122	Profile Class Description
J0071	Profile Class Id
J1091	Profile Production Date
J1092	Profile Production Time
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J0289	Start Day
J0290	Start Month
J0142	Start Time
J0132	Switched Load Indicator
J0123	Switched Load Profile Class Ind
J0136	Tele-Switch Group Id
J0137	Tele-Switch Switch Id
J0135	Tele-Switch User Id
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					N							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name
					1							Report Parameters

Flow Reference: **D0029**Flow Version: **001**

Status: Operational

				1						Report Parameters
RUN	Profile Production Run Details	1		G						
				1						Profile Production Date
				1						Profile Production Time
SSC	Standard Settlement Configuration Profile Class	0-*		G						
				1						Profile Class Id
				1						Profile Class Description
				1						Switched Load Profile Class Ind
				1						Standard Settlement Configuration Id
				1						Standard Settlement Configuration Desc
VMR	Valid Measurement Requirement Profile Class	0-*		G						
				1						Time Pattern Regime
				1						Switched Load Indicator
				1						GMT Indicator
AFY	Average Fraction of Yearly Consumption	0-*		G						
				1						GSP Group
				1						Average Fraction of Yearly Consumption
CKI	Clock Intervals	0-*	If Tele-Switch/Clock Indicator = C	G						
				1						Day of the Week Id
				1						Start Day
				1						Start Month
				1						Start Time
				1						End Day
				1						End Month
				1						End Time
TSW	Tele-Switch Intervals	0-*	If Tele-Switch/Clock Indicator = S	G						
				1						Tele-Switch User Id
				1						Tele-Switch Group Id
				1						Tele-Switch Switch Id
				1						Start Time
				1						End Time

Commented [JW28]: Message Collection Conditional Rule

Commented [JW29]: Message Collection Conditional Rule

Notes: This report is produced for a day and contains the details of SSC that were valid for that day only, therefore effective from/to dates are not required.

Commented [JW30]: Guidance

Flow Reference: D0029**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1208 replaced with J0143. Data Item J1219 replaced by J0135. Data Item J1211 replaced by J0142. Data Item J1213 replaced by J0137.
Version 4	2813	Data Item 'Day Type Id' replaced by 'Day of the Week Id'.
Version 4	2817	Data Item 'GMT Indicator' added to group VMR.
Version 4.1	2870	Condition of group CKI changed from 'If Tele-Switch Clock Indicator = C' and condition of group TSW changed from 'If Tele-Switch Clock Indicator = s??'.
Version 4.2	2930	Groups CKI and TSW made a child of Group VMR.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	New Flow occurrences from SVAA to NHHDC and SVAA to Supplier added
Version 6	3081	Flow occurrences from ISRA (DPP) to NHHDC and Supplier removed
Version 8.4	3271	Instances of IARA to NHHDC and Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier/NHHDC removed

Flow Reference: D0030**Flow Version: 001****Status:** Operational

Flow Name:	Aggregated DUoS Report	
Flow Description:	A report of profiled SPM data by settlement class summed over Data Aggregator and Distributor. The Distributor will receive one report per Supplier. The report also includes domain data. In part one where the information is sent to the Distributor it will contain all Suppliers, whereas where the information is sent to the Supplier it will contain only data pertaining to that Supplier..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Distributor	6.0
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J0244	BSC Trading Party Id
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0884	Daily Profiled SPM Total Annualised Advance
J0885	Daily Profiled SPM Total EAC
J0163	Data Aggregation Type
J0189	Distributor Id
J0323	Distributor Name
J1104	GSP Group
J0166	GSP Group Correction Factor
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1103	Profile Class
J1292	Profiled SPM Consumption (Settlement Period 01)
J1312	Profiled SPM Consumption (Settlement Period 02)
J1313	Profiled SPM Consumption (Settlement Period 03)
J1314	Profiled SPM Consumption (Settlement Period 04)
J1315	Profiled SPM Consumption (Settlement Period 05)
J1316	Profiled SPM Consumption (Settlement Period 06)
J1317	Profiled SPM Consumption (Settlement Period 07)
J1318	Profiled SPM Consumption (Settlement Period 08)
J1319	Profiled SPM Consumption (Settlement Period 09)
J1320	Profiled SPM Consumption (Settlement Period 10)
J1321	Profiled SPM Consumption (Settlement Period 11)
J1322	Profiled SPM Consumption (Settlement Period 12)
J1323	Profiled SPM Consumption (Settlement Period 13)
J1324	Profiled SPM Consumption (Settlement Period 14)
J1325	Profiled SPM Consumption (Settlement Period 15)
J1326	Profiled SPM Consumption (Settlement Period 16)
J1327	Profiled SPM Consumption (Settlement Period 17)
J1328	Profiled SPM Consumption (Settlement Period 18)
J1329	Profiled SPM Consumption (Settlement Period 19)

Flow Reference: D0030**Flow Version: 001****Status:** Operational

Reference	Item Name
J1330	Profiled SPM Consumption (Settlement Period 20)
J1331	Profiled SPM Consumption (Settlement Period 21)
J1332	Profiled SPM Consumption (Settlement Period 22)
J1333	Profiled SPM Consumption (Settlement Period 23)
J1334	Profiled SPM Consumption (Settlement Period 24)
J1335	Profiled SPM Consumption (Settlement Period 25)
J1336	Profiled SPM Consumption (Settlement Period 26)
J1337	Profiled SPM Consumption (Settlement Period 27)
J1338	Profiled SPM Consumption (Settlement Period 28)
J1339	Profiled SPM Consumption (Settlement Period 29)
J1340	Profiled SPM Consumption (Settlement Period 30)
J1341	Profiled SPM Consumption (Settlement Period 31)
J1342	Profiled SPM Consumption (Settlement Period 32)
J1343	Profiled SPM Consumption (Settlement Period 33)
J1344	Profiled SPM Consumption (Settlement Period 34)
J1345	Profiled SPM Consumption (Settlement Period 35)
J1346	Profiled SPM Consumption (Settlement Period 36)
J1347	Profiled SPM Consumption (Settlement Period 37)
J1348	Profiled SPM Consumption (Settlement Period 38)
J1349	Profiled SPM Consumption (Settlement Period 39)
J1350	Profiled SPM Consumption (Settlement Period 40)
J1351	Profiled SPM Consumption (Settlement Period 41)
J1352	Profiled SPM Consumption (Settlement Period 42)
J1353	Profiled SPM Consumption (Settlement Period 43)
J1354	Profiled SPM Consumption (Settlement Period 44)
J1355	Profiled SPM Consumption (Settlement Period 45)
J1356	Profiled SPM Consumption (Settlement Period 46)
J1357	Profiled SPM Consumption (Settlement Period 47)
J1358	Profiled SPM Consumption (Settlement Period 48)
J1359	Profiled SPM Consumption (Settlement Period 49)
J1360	Profiled SPM Consumption (Settlement Period 50)
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0190	SPM Default EAC MSID Count
J0153	SPM Total AA MSID Count
J1296	SPM Total All EACs
J1195	SPM Total Annualised Advance Report Value
J0150	SPM Total EAC MSID Count
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0248	Supplier Name
J0078	Time Pattern Regime
J1089	User Name

Flow Reference: **D0030**Flow Version: **001**

Status: Operational

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name
					1							Report Parameters
HDR		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number
					1							SSR Run Type Id
SUP		1	If Report is for Supplier	G								
					1							Supplier Id
					1							Supplier Name
					1							BSC Trading Party Id
DIS		0..*		G								
					1							Distributor Id
					1							Distributor Name
GP1		0..*			G							
						1						GSP Group Id
						1						GSP Group Name
VMR		0..*				G						
							1					Profile Class
							1					Standard Settlement Configuration Id
							1					Distributor Id
							1					Line Loss Factor Class Id
							1					Time Pattern Regime
							1					SPM Total All EACs
							1					SPM Total Annualised Advance Report Value
							1					SPM Total EAC MSID Count
							1					SPM Total AA MSID Count
							1					SPM Default EAC MSID Count
SPX		1					G					
								1				Profiled SPM Consumption (Settlement Period 01)
									1			Profiled SPM Consumption (Settlement Period 02)
										1		Profiled SPM Consumption (Settlement Period 03)
											1	Profiled SPM Consumption (Settlement Period 04)

Commented [JW31]: Message Scenario Variant

Flow Reference: **D0030**Flow Version: **001**

Status: Operational

										1		Profiled SPM Consumption (Settlement Period 05)
										1		Profiled SPM Consumption (Settlement Period 06)
										1		Profiled SPM Consumption (Settlement Period 07)
										1		Profiled SPM Consumption (Settlement Period 08)
										1		Profiled SPM Consumption (Settlement Period 09)
										1		Profiled SPM Consumption (Settlement Period 10)
										1		Profiled SPM Consumption (Settlement Period 11)
										1		Profiled SPM Consumption (Settlement Period 12)
										1		Profiled SPM Consumption (Settlement Period 13)
										1		Profiled SPM Consumption (Settlement Period 14)
										1		Profiled SPM Consumption (Settlement Period 15)
										1		Profiled SPM Consumption (Settlement Period 16)
										1		Profiled SPM Consumption (Settlement Period 17)
										1		Profiled SPM Consumption (Settlement Period 18)
										1		Profiled SPM Consumption (Settlement Period 19)
										1		Profiled SPM Consumption (Settlement Period 20)
										1		Profiled SPM Consumption (Settlement Period 21)
										1		Profiled SPM Consumption (Settlement Period 22)
										1		Profiled SPM Consumption (Settlement Period 23)
										1		Profiled SPM Consumption (Settlement Period 24)
										1		Profiled SPM Consumption (Settlement Period 25)
										1		Profiled SPM Consumption (Settlement Period 26)
										1		Profiled SPM Consumption (Settlement Period 27)
										1		Profiled SPM Consumption (Settlement Period 28)
										1		Profiled SPM Consumption (Settlement Period 29)
										1		Profiled SPM Consumption (Settlement Period 30)
										1		Profiled SPM Consumption (Settlement Period 31)
										1		Profiled SPM Consumption (Settlement Period 32)
										1		Profiled SPM Consumption (Settlement Period 33)

Flow Reference: **D0030**Flow Version: **001**

Status: Operational

									1		Profiled SPM Consumption (Settlement Period 34)
									1		Profiled SPM Consumption (Settlement Period 35)
									1		Profiled SPM Consumption (Settlement Period 36)
									1		Profiled SPM Consumption (Settlement Period 37)
									1		Profiled SPM Consumption (Settlement Period 38)
									1		Profiled SPM Consumption (Settlement Period 39)
									1		Profiled SPM Consumption (Settlement Period 40)
									1		Profiled SPM Consumption (Settlement Period 41)
									1		Profiled SPM Consumption (Settlement Period 42)
									1		Profiled SPM Consumption (Settlement Period 43)
									1		Profiled SPM Consumption (Settlement Period 44)
									1		Profiled SPM Consumption (Settlement Period 45)
									1		Profiled SPM Consumption (Settlement Period 46)
									O		Profiled SPM Consumption (Settlement Period 47)
									O		Profiled SPM Consumption (Settlement Period 48)
									O		Profiled SPM Consumption (Settlement Period 49)
									O		Profiled SPM Consumption (Settlement Period 50)
TOT		1						G			
									1		Daily Profiled SPM Total EAC
									1		Daily Profiled SPM Total Annualised Advance
SUP		0-*	If Report is for Distributor	G							
								1			Supplier Id
								1			Supplier Name
								1			BSC Trading Party Id
DIS		1		G							
								1			Distributor Id
								1			Distributor Name
GP1		0-*		G							
								1			GSP Group Id
								1			GSP Group Name
VMR		0-*		G							
								1			Profile Class
								1			Standard Settlement Configuration Id
								1			Distributor Id
								1			Line Loss Factor Class Id
								1			Time Pattern Regime

Commented [JW32]: Message Scenario Variant

Flow Reference: **D0030**Flow Version: **001**

Status: Operational

								1			SPM Total All EACs
								1			SPM Total Annualised Advance Report Value
								1			SPM Total EAC MSID Count
								1			SPM Total AA MSID Count
								1			SPM Default EAC MSID Count
SPX		1						G			
								1			Profiled SPM Consumption (Settlement Period 01)
								1			Profiled SPM Consumption (Settlement Period 02)
								1			Profiled SPM Consumption (Settlement Period 03)
								1			Profiled SPM Consumption (Settlement Period 04)
								1			Profiled SPM Consumption (Settlement Period 05)
								1			Profiled SPM Consumption (Settlement Period 06)
								1			Profiled SPM Consumption (Settlement Period 07)
								1			Profiled SPM Consumption (Settlement Period 08)
								1			Profiled SPM Consumption (Settlement Period 09)
								1			Profiled SPM Consumption (Settlement Period 10)
								1			Profiled SPM Consumption (Settlement Period 11)
								1			Profiled SPM Consumption (Settlement Period 12)
								1			Profiled SPM Consumption (Settlement Period 13)
								1			Profiled SPM Consumption (Settlement Period 14)
								1			Profiled SPM Consumption (Settlement Period 15)
								1			Profiled SPM Consumption (Settlement Period 16)
								1			Profiled SPM Consumption (Settlement Period 17)
								1			Profiled SPM Consumption (Settlement Period 18)
								1			Profiled SPM Consumption (Settlement Period 19)
								1			Profiled SPM Consumption (Settlement Period 20)
								1			Profiled SPM Consumption (Settlement Period 21)
								1			Profiled SPM Consumption (Settlement Period 22)
								1			Profiled SPM Consumption (Settlement Period 23)
								1			Profiled SPM Consumption (Settlement Period 24)
								1			Profiled SPM Consumption (Settlement Period 25)

Flow Reference: **D0030**Flow Version: **001**

Status: Operational

									1		Profiled SPM Consumption (Settlement Period 26)
									1		Profiled SPM Consumption (Settlement Period 27)
									1		Profiled SPM Consumption (Settlement Period 28)
									1		Profiled SPM Consumption (Settlement Period 29)
									1		Profiled SPM Consumption (Settlement Period 30)
									1		Profiled SPM Consumption (Settlement Period 31)
									1		Profiled SPM Consumption (Settlement Period 32)
									1		Profiled SPM Consumption (Settlement Period 33)
									1		Profiled SPM Consumption (Settlement Period 34)
									1		Profiled SPM Consumption (Settlement Period 35)
									1		Profiled SPM Consumption (Settlement Period 36)
									1		Profiled SPM Consumption (Settlement Period 37)
									1		Profiled SPM Consumption (Settlement Period 38)
									1		Profiled SPM Consumption (Settlement Period 39)
									1		Profiled SPM Consumption (Settlement Period 40)
									1		Profiled SPM Consumption (Settlement Period 41)
									1		Profiled SPM Consumption (Settlement Period 42)
									1		Profiled SPM Consumption (Settlement Period 43)
									1		Profiled SPM Consumption (Settlement Period 44)
									1		Profiled SPM Consumption (Settlement Period 45)
									1		Profiled SPM Consumption (Settlement Period 46)
									O		Profiled SPM Consumption (Settlement Period 47)
									O		Profiled SPM Consumption (Settlement Period 48)
									O		Profiled SPM Consumption (Settlement Period 49)
									O		Profiled SPM Consumption (Settlement Period 50)
TOT		1							G		
									1		Daily Profiled SPM Total EAC
									1		Daily Profiled SPM Total Annualised Advance
HD2		1				G					
						1					Settlement Date
						1					Settlement Code

Flow Reference: **D0030**Flow Version: **001**

Status: Operational

				1						Settlement Code Description
				1						SSR Run Date
				1						SSR Run Number
				1						SSR Run Type Id
SU2		1	If Report is for Supplier	G						
				1						Supplier Id
				1						Supplier Name
CCC		0-*		G						
				1						Consumption Component Class Id
				O						AA/EAC Indicator
				O						Actual/Estimated Indicator
				1						Data Aggregation Type
				1						Metered/Unmetered Indicator
				1						Consumption Component Indicator
				1						Measurement Quantity Id
				1						GSP Group Correction Scaling Factor
SP2		0-*		G						
				1						GSP Group Id
				1						GSP Group Name
				1						Settlement Period Id
				1						Settlement Period Label
				1						GSP Group Correction Factor
SUP		0-*	If Report is for Distributor	G						
				1						Supplier Id
				1						Supplier Name
				1						BSC Trading Party Id
CCC		0-*		G						
				1						Consumption Component Class Id
				O						AA/EAC Indicator
				O						Actual/Estimated Indicator
				1						Data Aggregation Type
				1						Metered/Unmetered Indicator
				1						Consumption Component Indicator
				1						Measurement Quantity Id
				1						GSP Group Correction Scaling Factor
SP2		0-*		G						
				1						GSP Group Id
				1						GSP Group Name
				1						Settlement Period Id
				1						Settlement Period Label
				1						GSP Group Correction Factor

Commented [JW33]: Message Scenario Variant

Commented [JW34]: Message Scenario Variant

Notes: Settlement Period Id in Part III is not shown in the Logical Design - Function

Flow Reference: D0030**Flow Version: 001****Status: Operational**

	Definition but is shown in the Logical Design User Interface. It is left in this flow. Logical Design defines Part 1 as one I/O structure and Parts II and III as another thus implying that these are two different flows.
--	---

Commented [JW35]: Check statements impact with Elexon

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196.
Version 3.101	2164	Data Item J1218 replaced by J0166.
Version 4	2595	Both instances of Groups VMR, SPX and TOT changed as specified in change request.
Version 4	2659	Data item 'SPM Total All EACs' in group VMR made mandatory.
Version 4.1	2843	For 1st occurrence of SUP 'If Report is for Supplier' deleted from Group Description and added to condition. For 2nd occurrence of SPX range changed from '0-*'. For 3rd occurrence of SUP 'If Report is for Distributor' added to condition.
Version 4.2	2923	Data Items 'Profiled SPM Consumption (Settlement Period 47)' to 'Profiled SPM Consumption (Settlement Period 50)' made optional in both instances of Group SPX. Data Items 'AA/EAC Indicator' and 'Actual/Estimated Indicator' made optional in both instances of Group CCC.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	New Flow instances from SVAA to Distributor and SVAA to Supplier added
Version 8.4	3271	Instances of IARA to Distributor and Supplier removed
Version 8.5	3274	Instances of ISRA to Distributor/Supplier removed
Version 11.3	3454	Change of Data Flow name.

Flow Reference: D0032**Flow Version: 001****Status:**

Flow Name:	Agreement on a Change of Supplier Reading
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	375	Flow Type Manual added.
Version 3.1	1474	Flow from Old Supplier to HHDC removed.
Version 4	2845	Flow deleted from catalogue.

Flow Reference: D0033**Flow Version: 001****Status:**

Flow Name:	Disagreement on a Change of Supplier Reading
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	375	Flow Type Manual added.
Version 3.1	1474	Flow from Old Supplier to HHDC removed.
Version 3.1	1861	Description changed. Flow from Old NHHDC to New NHHDC and Old HHDC to New HHDC.
Version 3.2	2308	Flow occurrence from Old HHDC to New HHDC removed.
Version 4	2417	Flow occurrence from NHHDC to Supplier added.
Version 4	2454	Data item 'Rejection Reason Code' replaced by 'Change of Supplier Reading Rejection Code' in group 099.
Version 5.1	3032	Flow removed from DTC.

Flow Reference: D0035**Flow Version: 001****Status:**

Flow Name:	Authorisation of the Data Collector to Make Customer Appointment
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	228	Flow Name changed to show this is for a Customer Appointment to remove confusion with Agent Appointment.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.2	2309	All flow occurrences to HHDC removed.
Version 4	2242	Flow deleted from catalogue.

Flow Reference: **D0036**Flow Version: **001**

Status: Operational

Flow Name:	Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix
Flow Description:	Half Hourly consumption values for use in Supplier and Distributor billing and for submission to HHDA..
Flow Ownership:	MRA

From	To	Version
HHDC	Distributor	3.0
HHDC	HHDA	1.0
HHDC	HHDC	3.2
HHDC	Supplier	3.0

Data Items:

Reference	Item Name
J0020	Actual/Estimated Indicator
J0103	Measurement Quantity Id
J0003	MPAN Core
J0177	Period Metered Consumption
J0073	Settlement Date
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
101	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Measurement Quantity Id
					1							Supplier Id
102	Settlement Date	1-*		G								
					1							Settlement Date
103	HH Periods	46, 48, 50			G							
						1						Actual/Estimated Indicator
						1						Period Metered Consumption

Notes:	This flow includes unmetered supply requirements.
---------------	---

Flow Reference: D0036**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1144	Data Item Timestamp removed.
Version 3.1	1499	Flow description amended to clarify the flows usage.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1885	Notes added re unmetered supply.
Version 3.2	2097	Range of group 103 changed to '48' and Settlement Date changed to Date (UTC) and group description changed.
Version 3.2	2463	Flow occurrence from Old HHDC to New HHDC added for transfer of historical data.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from HHDC to Generator (Scotland) removed.
Version 4	2794	Change request 2097 (implemented in v3.2) has been reversed, and the flow structure has been returned to its structure in version 3.103. That is the range of group 103 changed to '46, 48, 50', the description of group 102 changed, and Data Item 'Date (Midnight to Midnight UTC)' replaced with 'Settlement Date'.

Flow Reference: **D0039**Flow Version: **001**

Status: Operational

Flow Name:	Daily Profile Coefficient File	
Flow Description:	The collection of daily profile weights calculated for a particular day used in the EAC/AA calculations..	
Flow Ownership:	BSC	
From	To	Version
SVAA	NHHDC	6.0

Data Items:

Reference	Item Name
J0184	Daily Profile Coefficient
J1104	GSP Group
J0066	GSP Group Id
J0071	Profile Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					N							Settlement Code
					1							Run Type Code
					1							Run Number
					O							GSP Group
GSP	GSP Group	0-*		G								
					1							GSP Group Id
PCI	Profile Class	0-*		G								
						1						Profile Class Id
SCI	Standard Settlement Configuration	0-*				G						
							1					Standard Settlement Configuration Id
DPC	Daily Profile Coefficient	0-*				G						
								1				Time Pattern Regime
								1				Daily Profile Coefficient

Notes:	
---------------	--

Flow Reference: D0039**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066
Version 4	2755	Flow occurrence from IARA (DPP) to NHHDC removed.
Version 4.1	2869	Data Item 'GSP Group' made optional in group ZPD.
Version 4.1	2873	Flow occurrences from ISRA (DPP) to NHHDC and from ISRA to Supplier removed.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	New Flow occurrence from SVAA to NHHDC added
Version 8.4	3271	Instance of IARA to NHHDC removed
Version 8.5	3274	Instance of ISRA to NHHDC removed

Flow Reference: **D0040**Flow Version: **001**

Status:

Flow Name:	Aggregated Half Hour Data File
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1197 replaced with J0185.
Version 3.2	2397	Notes removed to avoid confusion.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	New Flow occurrence added from HHDA to SVAA
Version 7.9	3207	Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222)
Version 7.9	3224	Flow Version 1 deleted, Flow Version 2 created.
Version 8.4	3271	Instance of HHDA to IARA removed
Version 8.5	3274	Instance of HHDA to ISRA removed
Version 11.3	3454	Version 3 of Data Flow created with a status of Test
Version 11.4	3453	Data Flow version 2 removed, version 3 status changed to operational

Flow Reference: **D0040**Flow Version: **002**

Status:

Flow Name:	Aggregated Half Hour Data File
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1197 replaced with J0185.
Version 3.2	2397	Notes removed to avoid confusion.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	New Flow occurrence added from HHDA to SVAA
Version 7.9	3207	Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222)
Version 7.9	3224	Flow Version 1 deleted, Flow Version 2 created.
Version 8.4	3271	Instance of HHDA to IARA removed
Version 8.5	3274	Instance of HHDA to ISRA removed
Version 11.3	3454	Version 3 of Data Flow created with a status of Test
Version 11.4	3453	Data Flow version 2 removed, version 3 status changed to operational

Flow Reference: **D0040**Flow Version: **003**

Status: Operational

Flow Name:	Aggregated Half Hour Data File		
Flow Description:	Aggregated line loss adjusted HH consumption figures by Supplier and GSP Group. Where this flow is intended for the Supplier, the set of Suppliers will be limited to that Supplier only..		
Flow Ownership:	BSC		
From	To	Version	
HHDA	Supplier	11.4	
HHDA	SVAA	11.4	

Data Items:

Reference	Item Name
J0185	Aggregated Supplier Consumption
J0186	Aggregated Supplier Line Loss
J0160	Consumption Component Class Id
J0241	Data Aggregator HH MSID Count
J0189	Distributor Id
J1104	GSP Group
J0147	Line Loss Factor Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
SUP	Supplier	0-*		G								
					1							Supplier Id
CCC	Consumption Component Class	0-*		G								
						1						Consumption Component Class Id
SET	Settlement Period/Data Aggregator HH MSID Count	0-*				G						
							1					Settlement Period Id
							1					Data Aggregator HH MSID Count
ASC	Aggregated Supplier Consumption	1	If Consumption				G					
								1				Aggregated Supplier Consumption
ASL	Aggregated Supplier Line Loss	1	If Line Loss				G					
								1				Aggregated Supplier Line Loss

Commented [JW36]: Message Collection Conditional Rule

Commented [JW37]: Message Collection Conditional Rule

Flow Reference: **D0041**Flow Version: **001**

Status: Operational

Flow Name:	Supplier Purchase Matrix Data File		
Flow Description:	Details of NHH Consumption per Supplier aggregated per GSP Group by profile class, line loss factor class and measurement requirement..		
Flow Ownership:	BSC		
From	To	Version	
NHHDA	Supplier	4.4	
NHHDA	SVAA	6.0	

Data Items:

Reference	Item Name
J0189	Distributor Id
J1104	GSP Group
J0147	Line Loss Factor Class Id
J0071	Profile Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0190	SPM Default EAC MSID Count
J0191	SPM Default Unmetered MSID Count
J0153	SPM Total AA MSID Count
J0148	SPM Total Annualised Advance
J0149	SPM Total EAC
J0150	SPM Total EAC MSID Count
J0151	SPM Total Unmetered Consumption
J0152	SPM Total Unmetered MSID Count
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
SUP	Supplier Details	0-*		G								
					1							Supplier Id
SPM	Supplier Purchase Matrix Details	1-*		G								
						1						Profile Class Id
						1						Distributor Id
						1						Line Loss Factor Class Id
						1						Standard Settlement Configuration Id
						1						Time Pattern Regime
						1						SPM Default EAC MSID Count

Flow Reference: **D0041**Flow Version: **001**

Status: Operational

						1						SPM Default Unmetered MSID Count
						1						SPM Total AA MSID Count
						1						SPM Total Annualised Advance
						1						SPM Total EAC
						1						SPM Total EAC MSID Count
						1						SPM Total Unmetered Consumption
						1						SPM Total Unmetered MSID Count

Notes:	If the details are sent to the Supplier then only details relevant to that Supplier will be included.
---------------	---

Commented [JW41]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 4	2787	Flow occurrence from NHHDA to Supplier removed.
Version 4.4	2957	Flow occurrence from NHHDA to Supplier added.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from NHHDA to SVAA added
Version 8.4	3271	Instance of NHHDA to IARA removed
Version 8.5	3274	Instance of NHHDA to ISRA removed

Flow Reference: **D0043**Flow Version: **001**

Status: Operational

Flow Name:	Supplier Deemed Take Report	
Flow Description:	A report for each Supplier, containing details of the deemed take calculations, including GSP Group correction and NPG spill processing..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0887	CCC Aggregated Supplier Consumption
J0888	CCC Aggregated Supplier Line Loss
J0889	CCC Corrected Supplier Consumption
J0890	CCC Corrected Supplier Line Loss
J0894	Daily CCC Aggregated Supplier Consumption
J0895	Daily CCC Aggregated Supplier Line Loss
J0896	Daily CCC Corrected Supplier Consumption
J0897	Daily CCC Corrected Supplier Line Loss
J0891	Daily Supplier Deemed Take
J1114	Daily Supplier Pre-Spill Adjusted Take
J0892	Daily Unadjusted Supplier Deemed Take
J1104	GSP Group
J0166	GSP Group Correction Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0194	Period Supplier Deemed Take
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0084	Supplier Id
J0248	Supplier Name
J1113	Supplier Pre-Spill Adjusted Take (Supplier Period Weighted Consumption)
J0296	Total Period NPG Spill
J0295	Total Period Weighted Consumption
J0198	Unadjusted Supplier Deemed Take
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code

Flow Reference: **D0043**Flow Version: **001**

Status: Operational

				1						Run Number
				N						GSP Group
RDT		1		G						
				1						User Name
				1						Report Parameters
HDR		1		G						
				1						Settlement Date
				1						Settlement Code
				1						Settlement Code Description
				1						SSR Run Date
				1						SSR Run Number
				1						SSR Run Type Id
				1						Supplier Id
				1						Supplier Name
GSP		0-*		G						
				1						GSP Group Id
				1						GSP Group Name
SPX		0-*		G						
				1						Settlement Period Id
				1						Settlement Period Label
				1						Period Supplier Deemed Take
				1						Unadjusted Supplier Deemed Take
				1						Supplier Pre-Spill Adjusted Take (Supplier Period Weighted Consumption)
				1						Total Period NPG Spill
				1						Total Period Weighted Consumption
				1						GSP Group Correction Factor
				1						CCC Aggregated Supplier Consumption
				1						CCC Aggregated Supplier Line Loss
				1						CCC Corrected Supplier Consumption
				1						CCC Corrected Supplier Line Loss
TOT		1		G						
				1						Daily Supplier Deemed Take
				1						Daily Unadjusted Supplier Deemed Take
				1						Daily Supplier Pre-Spill Adjusted Take
				1						Daily CCC Aggregated Supplier Consumption
				1						Daily CCC Aggregated Supplier Line Loss
				1						Daily CCC Corrected Supplier Consumption
				1						Daily CCC Corrected Supplier Line Loss

Notes:

Flow Reference: D0043**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196.
Version 4.1	2869	Data Item 'GSP Group' made Null in Group ZPD.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed

Flow Reference: **D0051**Flow Version: **001**

Status: Operational

Flow Name:	Affirmation of Half Hour Data Retrieval Method and Associated Details	
Flow Description:	Establish the retrieval method and settlement details to be applied at a specified metering point..	
Flow Ownership:	MRA	
From	To	Version
HHDC	Supplier	1.0

Data Items:

Reference	Item Name
J0049	Effective from Settlement Date {REGI}
J0003	MPAN Core
J0098	Retrieval Method
J0722	Retrieval Method Effective Date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
120	Retrieval Data	1-*		G								
					1							MPAN Core
					1							Retrieval Method
					1							Retrieval Method Effective Date
					1							Effective from Settlement Date {REGI}

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	375	Flow Type Manual added.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from HHDC to Generator (Scotland) removed.

Flow Reference: **D0052**Flow Version: **001**

Status: Operational

Flow Name:	Affirmation of Metering System Settlement Details	
Flow Description:	Establish the settlement details and EAC applied for a specified metering point and unmetered supply. Used for new metering points, change in settlement details or change in Profile Class..	
Flow Ownership:	MRA	
From	To	Version
Supplier	NHHDC	1.0
UMSO	NHHDC	8.3
UMSO	Supplier	8.3

Data Items:

Reference	Item Name
J0090	Effective from Settlement Date {EACDC}
J0093	Effective from Settlement Date {MSGGDC}
J0094	Effective from Settlement Date {MSMCDC}
J0092	Effective from Settlement Date {MSPCDC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0081	Estimated Annual Consumption
J0066	GSP Group Id
J0082	Measurement Class Id
J0003	MPAN Core
J0071	Profile Class Id
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
121	MPAN Cores with Settlement Dates	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
					1							Profile Class Id
					1							Effective from Settlement Date {MSPCDC}
					1							Measurement Class Id
					1							Effective from Settlement Date {MSMCDC}
122	Settlement Details	1		G								
						1						Standard Settlement Configuration Id
						1						Effective from Settlement Date {SCON}
						1						GSP Group Id
						1						Effective from Settlement Date {MSGGDC}
124	Time Pattern Regime	1-*		G								
							1					Time Pattern Regime
							1					Estimated Annual Consumption

Flow Reference: **D0052**Flow Version: **001**

Status: Operational

							1					Effective from Settlement Date {EACDC}
--	--	--	--	--	--	--	---	--	--	--	--	--

Notes:	This flow includes unmetered supply requirements.
---------------	---

Commented [JW42]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	375	Flow Type Manual added.
Version 3.1	796	Description and Title amended to make more meaningful.
Version 3.1	1172	Note added re use of Profile Class from the workshop.
Version 3.1	1574	EFSD {SCON} added to flow.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1885	EFSD {EACDC} added to this flow. Description changed to reflect unmetered supply requirement.
Version 3.102	2306	Data Item 'Settlement Register Id' and its group (125) removed as not appropriate.
Version 4	2460	Flow description changed.
Version 4	2490	All data items in group 123 moved to group 124 and group 123 removed. Group 124 made a child of group 122 and its range changed to '1-9'.
Version 4	2565	Data item 'Effective from Settlement Date {PROF}' replaced by 'Effective from Settlement Date {MSPCDC}' in group 121.
Version 4	2640	Flow description changed further.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to HHDC removed.
Version 4.4	2956	Flow occurrence from Supplier to HHDC removed, Condition 'If NHH meters' removed from Groups 122 and 124 and Notes removed.
Version 8.3	3250	Flow occurrences from UMSO to Supplier and UMSO to NHHDC added.

Flow Reference: **D0055**Flow Version: **001**

Status: Operational

Flow Name:	Registration of Supplier to Specified Metering Point
Flow Description:	Supplier registers metering point and provides any data updates required for MPAS..
Flow Ownership:	MRA

From	To	Version
Supplier	MPAS	1.0

Data Items:

Reference	Item Name
J0215	Change of Tenancy Indicator
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J0049	Effective from Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0003	MPAN Core
J0071	Profile Class Id
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
733	File Sequence Number	1		G								
					1							File Sequence Number
126	Registration Data, Agent Details and Metering Point Details	1-*			G							
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Effective from Settlement Date {REGI}
						O						Energisation Status
						O						Measurement Class Id
						O						Meter Timeswitch Code
						O						Profile Class Id
						O						Standard Settlement Configuration Id
						O						Data Aggregator Id
						O						Data Aggregation Type
						O						Data Collector Id
						O						Data Collector Type
						O						Meter Operator Id
						O						Meter Operator Type

Flow Reference: D0055**Flow Version: 001****Status:** Operational

					O					Change of Tenancy Indicator
--	--	--	--	--	---	--	--	--	--	-----------------------------

Notes:	Change of tenancy indicator must be included for customers covered by contract terms code, other options are to be included when necessary to provide change data for MPAS. The rules for including specific data items and the dependency between items are specified within the MRA and MPAS Validation Procedures. This flow includes unmetered supply requirements.
---------------	---

Commented [JW43]: Guidance / Obsolete**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1575	Sub Groups removed as per MPRS design specifications.
Version 3.1	1885	Notes added.
Version 7.9	3229	Amended Notes

Flow Reference: **D0057**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Registration		
Flow Description:	Notification that registration has been rejected giving the reason and summary of the rejected data..		
Flow Ownership:	MRA		
From	To	Version	
MPAS	Supplier	1.0	

Data Items:

Reference	Item Name
J0215	Change of Tenancy Indicator
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J0821	Deemed Received Date
J0049	Effective from Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0003	MPAN Core
J0071	Profile Class Id
J0107	Rejection Reason Code
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
734	File Sequence Number	1		G								
					1							File Sequence Number
131	Metering Point Data	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						Incoming Instruction Number
						O						MPAN Core
						1						Deemed Received Date
						O						Effective from Settlement Date {REGI}
						O						Energisation Status
						O						Measurement Class Id
						O						Meter Timeswitch Code
						O						Profile Class Id
						O						Standard Settlement Configuration Id
						O						Data Aggregator Id
						O						Data Aggregation Type

Flow Reference: **D0057**Flow Version: **001**

Status: Operational

					O					Data Collector Id
					O					Data Collector Type
					O					Meter Operator Id
					O					Meter Operator Type
					O					Change of Tenancy Indicator
136	Rejection Reason(s)	1-*			G					
						1				Rejection Reason Code

Notes:	<p>Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file.</p> <p>For more details of the reason for the rejection see the latest version of the MPAS Validation Procedures as defined in MRA Schedule 14.</p>
---------------	--

Commented [JW44]: Guidance / Obsolete

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1080	MPAN Core made optional as it may have been unintelligible in the incoming flow.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1573	Sub-Groups removed per MPRS design specifications.
Version 3.1	1581	Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow.
Version 3.1	1981	Notes altered to maintain clarity and consistency.
Version 3.102	2125	Notes altered for clarity.
Version 9.2	3293	Notes added to give guidance to Suppliers when processing the Flow

Flow Reference: **D0058**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Termination of Supply Registration		
Flow Description:	Notification that a metering point has been registered to another Supplier..		
Flow Ownership:	MRA		
From	To		Version
MPAS	Supplier		1.0

Data Items:

Reference	Item Name
J0215	Change of Tenancy Indicator
J0821	Deemed Received Date
J0928	Effective to Settlement Date {REGI} for Old Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J1194	New Supplier Id
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
735	File Sequence Number	1		G								
					1							File Sequence Number
137	Notification Data	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
						1						Registration Transaction Number
						O						Change of Tenancy Indicator
						1						Effective to Settlement Date {REGI} for Old Supplier
						1						New Supplier Id

Notes:	Change of tenancy indicator must be included for domestic customers covered by contract terms code.
---------------	---

Commented [JW45]: Data item Requirement Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	2072	Data Item New Supplier Id added to comply with OFFER CoS Process for controlled market startup.
Version 3.101	2195	Data Item J1194 moved to end of Group 137.
Version 3.101	2196	Notes regarding Supplier Id removed as now redundant.
Version 7.9	3234	Data Item J1194 made mandatory

Flow Reference: D0060**Flow Version: 001****Status:**

Flow Name:	Notification to Ensure ERS Records are Maintained Independently
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.2	2307	This flow was deleted as it was felt to be unnecessary.

Flow Reference: **D0064**Flow Version: **001**

Status: Operational

Flow Name:	Notification of an Objection to Change of Supplier Made By the Old Supplier	
Flow Description:	Raise an objection to block the specified metering point changing Supplier for a legitimate reason..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MPAS	1.0

Data Items:

Reference	Item Name
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
736	File Sequence Number	1		G								
					1							File Sequence Number
139	List of Objections	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							Registration Transaction Number
					1							Effective from Settlement Date {REGI} for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 4.2	2924	Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 139.

Flow Reference: **D0065**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of Receipt of a Registration Objection	
Flow Description:	Confirm that a legitimate objection has been received and recognised by the Registration System..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	1.0

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
737	File Sequence Number	1		G								
					1							File Sequence Number
140	Confirmed Objections	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
						1						Registration Transaction Number
						1						Effective from Settlement Date {REGI} for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 4.2	2924	Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 140.

Flow Reference: **D0066**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of a Registration Objection		
Flow Description:	Reject an objection which has not been recognised or cannot be accepted into the Registration System..		
Flow Ownership:	MRA		
From	To	Version	
MPAS	Supplier	1.0	

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number
J0107	Rejection Reason Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
738	File Sequence Number	1		G								File Sequence Number
141	Rejected Objections	1-*			G							File Sequence Number
						1						Instruction Number
						1						Instruction Type
						1						Incoming Instruction Number
						O						MPAN Core
						1						Deemed Received Date
						O						Registration Transaction Number
						O						Effective from Settlement Date {REGI} for New Supplier
142	Rejection Reasons	1-*				G						Rejection Reason Code
							1					Rejection Reason Code

Notes:	Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file.
---------------	---

Commented [JW46]: Guidance / Obsolete

Flow Reference: D0066**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1407	'MPAN Core' and 'Registration Transaction Number' made optional as they may have been unintelligible in the incoming flow.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1581	Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow.
Version 3.1	1981	Notes added for clarity and consistency.
Version 3.102	2124	Notes altered for clarity.
Version 4.2	2924	Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 141.

Flow Reference: **D0067**Flow Version: **001**

Status: Operational

Flow Name:	Notification of an Objection to Change of Supplier Sent to the New Supplier	
Flow Description:	Registration System notifies New Supplier that the Old Supplier has objected to the Change of Supplier..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	1.0

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date (REGI) for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
739	File Sequence Number	1		G								
					1							File Sequence Number
143	Objection Notifications	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
						1						Registration Transaction Number
						1						Effective from Settlement Date (REGI) for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1686	Data Item 'Objection Registration Date' replaced by 'Deemed Received Date', as it should have been included in Version 3.0.
Version 3.1	1981	Notes altered to maintain clarity and consistency.
Version 3.1	2074	Old Supplier Id removed and placed in D0260 in order to comply with the OFFER CoS process for controlled market startup.
Version 3.101	2196	Notes removed as now redundant.

Flow Reference: **D0068**Flow Version: **001**

Status: Operational

Flow Name:	Removal of Registration Objection
Flow Description:	Old Supplier removes objection to the Change of Supplier and lodges this with the Registration System..
Flow Ownership:	MRA

From	To	Version
Supplier	MPAS	1.0

Data Items:

Reference	Item Name
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
740	File Sequence Number	1		G								
					1							File Sequence Number
144	List of Objections	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							Registration Transaction Number
					1							Effective from Settlement Date {REGI} for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 4.2	2924	Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 144.

Flow Reference: **D0069**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Registration Objection Removal	
Flow Description:	MPAS notifies Old Supplier that his objection could not be removed from the Registration System in accordance with his request as it failed validation..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	1.0

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number
J0107	Rejection Reason Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
741	File Sequence Number	1		G								
					I							File Sequence Number
145	Objection Removal Rejections	1-*			G							
						I						Instruction Number
						I						Instruction Type
						I						Incoming Instruction Number
						O						MPAN Core
						I						Deemed Received Date
						O						Registration Transaction Number
						O						Effective from Settlement Date {REGI} for New Supplier
146	Rejection Reasons	1-*				G						
							I					Rejection Reason Code

Notes:	Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file.
---------------	---

Commented [JW47]: Guidance

Flow Reference: D0069**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1335	'Deemed Received Date' made mandatory as it is a system generated data item.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1581	Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow.
Version 3.1	1981	Notes added for clarity and consistency.
Version 3.102	2123	Notes altered for clarity.
Version 4.2	2924	Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 145.

Flow Reference: **D0071**Flow Version: **001**

Status: Operational

Flow Name:	Customer Own Reading or Supplier Estimated Reading on Change of Supplier	
Flow Description:	On change of Supplier the customer has provided their own reading or the Old Supplier has provided an estimate of the Change of Supplier read which the New Supplier passes to NHHDC..	
Flow Ownership:	MRA	
From	To	Version
Supplier	NHHDC	1.0

Data Items:

Reference	Item Name
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J0016	Reading Date & Time
J0171	Reading Type
J0040	Register Reading

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
147	Change of Supplier Meter Reading Data	1-*		G								
					1							MPAN Core
					1							Reading Date & Time
					1							Reading Type
148	Meter Detail per MPAN Core	1-*		G								
						1						Meter Id (Serial Number)
149	Meter Register Detail per Meter	1-*			G							
							1					Meter Register Id
							1					Register Reading

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.3	3246	Flow Name and Description changed to include Old Supplier estimated readings

Flow Reference: D0072**Flow Version: 001****Status:** Operational

Flow Name:	Instruction to Obtain Change of Supplier Reading		
Flow Description:	On change of Supplier, the NHHDC is requested to provide an actual or deemed reading.		
	Where the read is being used in place of a Routine Read or that used for a CoS or CoT, reading type “X” should be used. Where the reading is being used to change an SSC then reading types “F” and “I” should be used as per their current convention, and where sent by the Supplier would indicate a site visit has not been made. All other read types should be used as per current processing rules..		
Flow Ownership:	MRA		
From		To	Version
Supplier		NHHDC	1.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0292	Earliest Appointment Time
J0049	Effective from Settlement Date {REGI}
J0293	Latest Appointment Time
J0003	MPAN Core
J0171	Reading Type
J0173	Reason for Request

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
150	MPANs & Effective Estimate Dates	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
					1							Reading Type
					1							Reason for Request
28B	Appointments	0-1		G								
						1						Appointment Date
						O						Earliest Appointment Time
						O						Latest Appointment Time
						O						Additional Information

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2915	New Group 28B added as a child of Group 150 with Data Items 'Appointment Date', 'Earliest Appointment Time', 'Latest Appointment Time' and 'Additional Information'.

Flow Reference: D0076**Flow Version: 001****Status:**

Flow Name:	Half Hourly DUoS Report - Supplier
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2620	Flow deleted from catalogue.

Flow Reference: D0077**Flow Version: 001****Status:**

Flow Name:	Half Hourly DUoS Report - Distributor
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1197	Group 160 range changed from 48 to 46,48 or 50.
Version 4	2621	Flow deleted from catalogue.

Flow Reference: D0078**Flow Version: 001****Status:**

Flow Name:	Pool Funds Report
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1216 replaced by J0066
Version 4	2816	Flow occurrence from ISRA to Supplier removed and flow renamed from 'Supplier Purchase Reports'.
Version 4.1	2902	Flow deleted from catalogue.

Flow Reference: **D0079**Flow Version: **001**

Status: Operational

Flow Name:	Supplier Purchase Report	
Flow Description:	Suppliers deemed take (MWh) and purchases (£) by half hour, day and GSP Group with relevant variables per half hour..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0244	BSC Trading Party Id
J0899	Daily GSP Group Take
J0891	Daily Supplier Deemed Take
J0243	Daily Supplier Purchase Total
J1104	GSP Group
J0066	GSP Group Id
J0269	GSP Group Name
J0249	GSP Group Take
J0194	Period Supplier Deemed Take
J0250	Period Supplier Purchase Total
J0251	Pool Selling Price
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0084	Supplier Id
J0248	Supplier Name
J0252	Transmission Loss Multiplier
J0253	Transmission Losses Reconciliation Multiplier
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name
					1							Report Parameters
HDR		1		G								
					1							Settlement Date

Flow Reference: **D0079**Flow Version: **001**

Status: Operational

				1						Settlement Code
				1						Settlement Code Description
				1						SSR Run Date
				1						SSR Run Number
				1						SSR Run Type Id
				1						Supplier Id
				1						Supplier Name
				1						BSC Trading Party Id
GSP		0-*		G						
				1						GSP Group Id
				1						GSP Group Name
SPX		0-*		G						
					1					Settlement Period Id
					1					Settlement Period Label
					1					GSP Group Take
					1					Period Supplier Deemed Take
					1					Period Supplier Purchase Total
					1					Pool Selling Price
					1					Transmission Loss Multiplier
					1					Transmission Losses Reconciliation Multiplier
TOT		1		G						
					1					Daily GSP Group Take
					1					Daily Supplier Deemed Take
					1					Daily Supplier Purchase Total

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066
Version 4.2	2923	Data Item 'GSP Group' made null in Group ZPD.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed

Flow Reference: D0080**Flow Version: 001****Status:**

Flow Name:	Supplier - Supplier Purchase Report (Scottish Settlements)
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2465	Flow deleted from catalogue.

Flow Reference: D0081**Flow Version: 001****Status:** Operational

Flow Name:	Supplier Half Hourly Demand Report	
Flow Description:	Report for each Supplier containing details of all the half hourly demand for a Supplier by Consumption Component Class. This will include the profiled and actual demand..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1200	Aggregated Supplier Consumption Report Value
J1201	Aggregated Supplier Line Loss Report Value
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0193	Corrected Supplier Consumption
J0256	Corrected Supplier Line Loss
J0894	Daily CCC Aggregated Supplier Consumption
J0895	Daily CCC Aggregated Supplier Line Loss
J0896	Daily CCC Corrected Supplier Consumption
J0897	Daily CCC Corrected Supplier Line Loss
J0900	Daily DA Aggregated Supplier Consumption
J0901	Daily DA Aggregated Supplier Line Loss
J1120	Daily DA HH MSID Count
J0163	Data Aggregation Type
J0241	Data Aggregator HH MSID Count
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J1104	GSP Group
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0084	Supplier Id
J0248	Supplier Name
J1089	User Name

Flow Reference: **D0081**Flow Version: **001**

Status: Operational

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name
					1							Report Parameters
HDR		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number
					1							SSR Run Type Id
					1							Supplier Id
					1							Supplier Name
GSP		0-*		G								
					1							GSP Group Id
					1							GSP Group Name
CCC		0-*		G								
						1						Consumption Component Class Id
						1						GSP Group Correction Scaling Factor
						O						AA/EAC Indicator
						O						Actual/Estimated Indicator
						1						Data Aggregation Type
						1						Metered/Unmetered Indicator
						1						Consumption Component Indicator
						1						Measurement Quantity Id
SPX		0-*			G							
						1						Settlement Period Id
						1						Settlement Period Label
						O						Aggregated Supplier Consumption Report Value
						O						Aggregated Supplier Line Loss Report Value
						O						Corrected Supplier Consumption
						O						Corrected Supplier Line Loss
TOT		1			G							
						O						Daily CCC Aggregated Supplier Consumption
						O						Daily CCC Aggregated Supplier Line Loss
						O						Daily CCC Corrected Supplier Consumption

Flow Reference: **D0081**Flow Version: **001**

Status: Operational

						O				Daily CCC Corrected Supplier Line Loss
HD2		0-1		G						
					1					Settlement Date
					1					Settlement Code
					1					Settlement Code Description
					1					SSR Run Date
					1					SSR Run Number
					1					SSR Run Type Id
					1					Supplier Id
					1					Supplier Name
GP2		0-*		G						
					1					GSP Group Id
					1					GSP Group Name
DA2		0-*		G						
					1					Data Aggregator Id
					1					Data Aggregator Name
CC2		0-*			G					
						O				AA/EAC Indicator
						O				Actual/Estimated Indicator
						1				Consumption Component Class Id
						1				Consumption Component Indicator
						1				Data Aggregation Type
						1				Measurement Quantity Id
						1				Metered/Unmetered Indicator
SP2		0-*				G				
						1				Settlement Period Id
						1				Settlement Period Label
						O				Aggregated Supplier Consumption Report Value
						O				Aggregated Supplier Line Loss Report Value
						1				Data Aggregator HH MSID Count
TO2		1				G				
						O				Daily DA Aggregated Supplier Consumption
						O				Daily DA Aggregated Supplier Line Loss
						1				Daily DA HH MSID Count

Notes: Part 1 contains both the HH and profiled NHH demand data. Part 2 contains the HH demand data only.

Commented [JW48]: Guidance

Flow Reference: D0081**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196
Version 4.2	2923	Data Items 'AA/EAC Indicator' and 'Actual/Estimated Indicator' made optional in Groups CCC and CC2. Data Items 'Aggregated Supplier Consumption Report Value', 'Aggregated Supplier Line Loss Report Value', 'Corrected Supplier Consumption' and 'Corrected Supplier Line Loss' made optional in Group SPX. Data Items 'Daily CCC Aggregated Supplier Consumption', 'Daily CCC Aggregated Supplier Line Loss', 'Daily CCC Corrected Supplier Consumption' and 'Daily CCC Corrected Supplier Line Loss' made optional in Group TOT. Data Items 'Aggregated Supplier Consumption Report Value' and 'Aggregated Supplier Line Loss Report Value' made optional in Group SP2. Data Items 'Daily DA Aggregated Supplier Consumption' and 'Daily DA Aggregated Supplier Line Loss' made optional in Group TO2
Version 4.4	2973	Notes changed and Range of Group HD2 changed from 1.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed

Flow Reference: **D0082**Flow Version: **001**

Status: Operational

Flow Name:	Supplier - Supplier Purchase Matrix Report	
Flow Description:	A report for each Supplier per GSP Group containing the details of the Supplier Purchase Matrix rows used in the calculation of a settlement run..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0259	Data Aggregation Run Number
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J0189	Distributor Id
J1104	GSP Group
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J0071	Profile Class Id
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0190	SPM Default EAC MSID Count
J0191	SPM Default Unmetered MSID Count
J0153	SPM Total AA MSID Count
J1195	SPM Total Annualised Advance Report Value
J0150	SPM Total EAC MSID Count
J1196	SPM Total EAC Report Value
J1198	SPM Total Unmetered Consumption Report Value
J0152	SPM Total Unmetered MSID Count
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0248	Supplier Name
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
				N								GSP Group

Flow Reference: D0082**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed

Flow Reference: D0083**Flow Version: 001****Status:**

Flow Name:	TUoS Report
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196
Version 3.101	2119	Data Item order changed.
Version 4	2757	Flow occurrence from IARA to Grid Control added.
Version 4.1	2868	Group SUP made a child of GSP and Groups SPX and TOT made children of SUP.
Version 4.1	2883	Flow occurrence from ISRA to Grid Control removed.
Version 5.1	3050	Flow occurrence from ISRA to Grid Operator removed. Flow Ownership and Flow Description amended to show Flow is used in Scotland only.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: **D0086**Flow Version: **002**

Status: Operational

Flow Name:	Notification of Change of Supplier Readings		
Flow Description:	Transfer change of supplier readings that have passed validations, failed validations and that are deemed readings..		
Flow Ownership:	MRA		
From	To	Version	
NHHDC	Distributor	11.1	
NHHDC	NHHDC	11.1	
NHHDC	Supplier	11.1	

Data Items:

Reference	Item Name
J0012	Additional Information
J0022	BSC Validation Status
J0044	MD Reset Date & Time
J0004	Meter Id (Serial Number)
J0045	Meter Reading Flag
J0332	Meter Reading Reason Code
J0047	Meter Reading Status
J0010	Meter Register Id
J0003	MPAN Core
J1013	Number of MD Resets
J0016	Reading Date & Time
J1888	Reading Method
J0171	Reading Type
J0040	Register Reading
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
196	MPAN Cores	1-*		G								
					1							MPAN Core
					1							BSC Validation Status
765	Site Visit Information	0-*		G								
					1							Site Visit Check Code
					O							Additional Information
197	Meter/Reading Types	1-*		G								
					1							Meter Id (Serial Number)
					1							Reading Type
766	Site Visit Information	0-*		G								
					1							Site Visit Check Code
					O							Additional Information
198	Register Readings	0-*		G								
					1							Meter Register Id
					1							Reading Date & Time
					1							Register Reading
					O							MD Reset Date & Time
					O							Number of MD Resets
					O							Meter Reading Flag
					1							Reading Method

Flow Reference: D0086**Flow Version: 002****Status: Operational**

07A	Meter Reading Validation Result	1	Meter Reading Flag = FALSE					G							
									1					Meter Reading Reason Code	
									1					Meter Reading Status	
199	Site Visit Information	0-*						G							
									1					Site Visit Check Code	
									O					Additional Information	

Commented [JW49]: Message Collection Conditional Rule

Notes:	<p>The structure of this data flow must always match the structure of flow D0010.</p> <p>Where confirming a reading received on a D0071, where "Reading Type" has been populated with the value 'O' (Old Supplier's Estimated CoS Reading), the NHHDC should populate the data item "Reading Type" with 'D' to signify that the reading has been Deemed or Estimated and is in line with meter reading history.</p>
---------------	---

Commented [JW50]: Data Item Value Rule**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	375	Flow Type Manual added.
Version 3.1	1474	Instances of the flow from the HHDC to Distributor, New Supplier and Old Supplier removed as not required.
Version 3.1	1584	New levels of Site Visit Check Code and Additional Information.
Version 3.1	1866	Deemed Readings added to description as they are required in the process.
Version 4	2435	Flow structure changed to match the structure of flow D0010, and notes added.
Version 4	2473	Group 198 made optional as flow D0086 should match flow D0010.
Version 4	2475	Group 198 made a child of group 197 as flow D0086 should match flow D0010.
Version 4	2549	Description changed.
Version 4.4	2994	Flow occurrence from NHHDC to NHHDC added.
Version 8.3	3246	Flow note about completion of "Reading Type" added
Version 11.1	3421	J1888 - "Reading Method" Data Item added to "Register Readings" group

Flow Reference: D0088**Flow Version: 001****Status:**

Flow Name:	Confirmation of Supplier Initiated Change to Metering Point Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	65	Flow D0088 Has been deleted. D0172 is now used to provide confirmation and its use as a replacement for D0088 will ensure consistency.

Flow Reference: D0089**Flow Version: 001****Status:**

Flow Name:	Notification from MPAS of Changed Metering Point Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Data Item Registration Transaction Number has been removed as not required.
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1335	'Deemed Received Date' made mandatory as it is a system generated data item.
Version 3.1	1461	Appointment details deleted as requirement is now covered by new flows D0259 and D0260.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.101	2108	Notes added to clarify address format.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 10.7	3362	New Data Items added and Notes updated to support the extended 'Smart' MPAD.
Version 10.7	3379	New Data Items added to Metering Point Change Details group
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0089**Flow Version: **002**

Status: Operational

Flow Name:	Notification from MPAS of Changed Metering Point Details	
Flow Description:	Advise Old or New Supplier of change to metering point details if any have become effective between an objection being raised or removed.	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	12.5

Data Items:

Reference	Item Name
J1833	DCC Service Flag
J0821	Deemed Received Date
J1834	Effective from Date {DCCF}
J1836	Effective from Date {IHDI}
J1838	Effective from Date {SMSO}
J0306	Effective from Settlement Date {MSGG}
J0658	Effective from Settlement Date {MSLLFC}
J0924	Effective from Settlement Date {REGI} for New Supplier
J0080	Energisation Status
J0330	File Sequence Number
J0066	GSP Group Id
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0147	Line Loss Factor Class Id
J0082	Measurement Class Id
J0220	Meter Timeswitch Code
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J2243	Primary MPAN
J0071	Profile Class Id
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
743	File Sequence Number	1		G								

Flow Reference: **D0089**Flow Version: **002**

Status: Operational

				1						File Sequence Number
201	Metering Point Change Data	1-*		G						
					1					Instruction Number
					1					Instruction Type
					1					MPAN Core
					1					Deemed Received Date
					1					Effective from Settlement Date {REGI} for New Supplier
					O					Metering Point Address Line 1
					O					Metering Point Address Line 2
					O					Metering Point Address Line 3
					O					Metering Point Address Line 4
					O					Metering Point Address Line 5
					O					Metering Point Address Line 6
					O					Metering Point Address Line 7
					O					Metering Point Address Line 8
					O					Metering Point Address Line 9
					O					Metering Point Postcode
					N					Metering Point Unique Property Reference Number (UPRN)
					O					Line Loss Factor Class Id
					O					Effective from Settlement Date {MSLLFC}
					O					GSP Group Id
					O					Effective from Settlement Date {MSGG}
					O					Energisation Status
					O					Measurement Class Id
					O					Meter Timeswitch Code
					O					Profile Class Id
					O					Standard Settlement Configuration Id
					O					SMETS Version
					O					DCC Service Flag
					O					Effective from Date {DCCF}
					O					Smart Metering System Operator Id
					O					Effective from Date {SMSO}
					O					In Home Display (IHD) Install Status
					O					Effective from Date {IHD1}
					1					Related MPAN Indicator
23M	Related MPANs	1-*	If Related MPAN Indicator equals Y	G						

Commented [JW51]: Message Collection Conditional Rule

Flow Reference: D0089**Flow Version: 002****Status:** Operational

						1				Primary MPAN
						1				Secondary MPAN

Notes:	<p>Each optional data item becomes mandatory if there has been a change to that individual item.</p> <p>Though each address line in this flow is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF).</p>
---------------	---

Commented [JW52]: Guidance**Commented [JW53]:** General Address Rule**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Data Item Registration Transaction Number has been removed as not required.
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1335	'Deemed Received Date' made mandatory as it is a system generated data item.
Version 3.1	1461	Appointment details deleted as requirement is now covered by new flows D0259 and D0260.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.101	2108	Notes added to clarify address format.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 10.7	3362	New Data Items added and Notes updated to support the extended 'Smart' MPAD.
Version 10.7	3379	New Data Items added to Metering Point Change Details group
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0090**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of the Removal of a Registration Objection	
Flow Description:	Notify Old Supplier that his objection has been removed from the Registration System in accordance with his request..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	1.0

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
744	File Sequence Number	1		G								
					1							File Sequence Number
205	Objection Removal Confirmation	1-*			G							
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
						1						Registration Transaction Number
						1						Effective from Settlement Date {REGI} for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1981	Notes removed to maintain clarity and consistency.
Version 4.2	2924	Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 205.

Flow Reference: D0091**Flow Version: 001****Status:**

Flow Name:	Notification of Removal of a Registration Objection
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 10.7	3362	New Data Items added and Notes updated to support the extended 'Smart' MPAD.
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0091**Flow Version: **002**

Status: Operational

Flow Name:	Notification of Removal of a Registration Objection	
Flow Description:	MPAS notifies New Supplier that the Old Supplier has removed his objection and the change of Supplier can go ahead quoting the re-instated MPAN details..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	12.5

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J1833	DCC Service Flag
J0821	Deemed Received Date
J1834	Effective from Date {DCCF}
J1836	Effective from Date {IHD}
J1838	Effective from Date {SMSO}
J0049	Effective from Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J0066	GSP Group Id
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0147	Line Loss Factor Class Id
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J2243	Primary MPAN
J0071	Profile Class Id
J0031	Registration Transaction Number
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Reference: **D0091**Flow Version: **002**

Status: Operational

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
745	File Sequence Number	1		G								
					1							File Sequence Number
206	Objection Removal Notification	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
						1						Effective from Settlement Date {REGI}
						1						Registration Transaction Number
						O						Metering Point Address Line 1
						O						Metering Point Address Line 2
						O						Metering Point Address Line 3
						O						Metering Point Address Line 4
						O						Metering Point Address Line 5
						O						Metering Point Address Line 6
						O						Metering Point Address Line 7
						O						Metering Point Address Line 8
						O						Metering Point Address Line 9
						O						Metering Point Postcode
						N						Metering Point Unique Property Reference Number (UPRN)
						O						Line Loss Factor Class Id
						O						GSP Group Id
						O						Energisation Status
						O						Measurement Class Id
						O						Meter Timeswitch Code
						O						Profile Class Id
						O						Standard Settlement Configuration Id
						O						Data Aggregator Id
						O						Data Aggregation Type
						O						Data Collector Id
						O						Data Collector Type
						O						Meter Operator Id
						O						Meter Operator Type
						O						SMETS Version
						O						Smart Metering System Operator Id
						O						Effective from Date {SMSO}

Flow Reference: **D0091**Flow Version: **002**

Status: Operational

					O					In Home Display (IHD) Install Status
					O					Effective from Date {IHDI}
					O					DCC Service Flag
					O					Effective from Date {DCCF}
					1					Related MPAN Indicator
46M	Related MPANs	1-*	If Related MPAN Indicator equals Y		G					
					1					Primary MPAN
					1					Secondary MPAN

Commented [JW54]: Message Collection Conditional Rule

Notes:	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF). Metering Point Postcode should only be omitted if the Post Office have not allocated one.
---------------	---

Commented [JW55]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 10.7	3362	New Data Items added and Notes updated to support the extended 'Smart' MPAD.
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0092**Flow Version: **001**

Status: Operational

Flow Name:	Advice to an Old Supplier of a Change of Supply Registration Deletion	
Flow Description:	MPAS notifies Old Supplier that the objection resolution period has expired (without the objection being removed) and the CoS registration with the New Supplier has been deleted (i.e. customer stays with Old Supplier)..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	1.0

Data Items:

Reference	Item Name
J0925	Effective from Settlement Date {REG1} for Old Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
746	File Sequence Number	1		G								File Sequence Number
207	List of Objections	1-*		G								Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Registration Transaction Number
						1						Effective from Settlement Date {REG1} for Old Supplier

Notes:	The Registration Transaction Number included in this flow will be either that of the Old Supplier (from the original registration) or that of the New Supplier (from the failed attempt at registration).
--------	---

Commented [JW56]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 5	2998	Notes added.

Flow Reference: **D0093**Flow Version: **001**

Status: Operational

Flow Name:	Advice to a New Supplier of a Change of Supply Registration Deletion	
Flow Description:	MPAS notifies New Supplier that the objection resolution period has expired (without the objection being removed) and his CoS registration has been deleted (i.e. customer stays with Old Supplier)..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	1.0

Data Items:

Reference	Item Name
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
747	File Sequence Number	1		G								
					1							File Sequence Number
208	List of Objections	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Registration Transaction Number
						1						Effective from Settlement Date {REGI} for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.

Flow Reference: D0094**Flow Version: 001****Status:**

Flow Name:	Daily Profile Total Extract
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.

Flow Reference: D0095**Flow Version: 001****Status:** Operational

Flow Name:	Non Half Hourly Data Aggregation Exception Report
Flow Description:	Details of exceptions raised by the NHHDA pertaining to one Supplier..
Flow Ownership:	BSC

From	To	Version
NHHDA	Supplier	1.0

Data Items:

Reference	Item Name
J1153	AA Effective from Settlement Date
J1311	Count of Metering Systems with at least 1 exception
J1135	Count of Metering Systems with at least 1 exception of type 01
J1137	Count of Metering Systems with at least 1 exception of type 02
J1138	Count of Metering Systems with at least 1 exception of type 03
J1139	Count of Metering Systems with at least 1 exception of type 04
J1140	Count of Metering Systems with at least 1 exception of type 05
J1141	Count of Metering Systems with at least 1 exception of type 06
J1142	Count of Metering Systems with at least 1 exception of type 07
J1143	Count of Metering Systems with at least 1 exception of type 08
J1144	Count of Metering Systems with at least 1 exception of type 09
J1145	Count of Metering Systems with at least 1 exception of type 10
J1146	Count of Metering Systems with at least 1 exception of type 11
J1147	Count of Metering Systems with at least 1 exception of type 12
J1148	Count of Metering Systems with at least 1 exception of type 13
J1149	Count of Metering Systems with at least 1 exception of type 14
J1151	Data Aggregator Appointment Effective from Settlement Date
J0205	Data Collector Id
J1154	EAC Effective from Settlement Date
J1157	Effective from Settlement Date for AA from other Data Collector
J1155	Effective from Settlement Date for AA from specified Data Collector
J1219	Effective from Settlement Date of last Data Collector data
J1159	Effective from Settlement Date of last DC data
J1167	Effective from Settlement Date of last MPAS data
J1169	Energisation Status (DC)
J1168	Energisation Status (MPAS)
J1152	First Settlement Date with no data
J1133	From Settlement Date
J1163	GSP Group Id (DC)
J1162	GSP Group Id (MPAS)
J1161	Measurement Class Id (DC)
J1160	Measurement Class Id (MPAS)
J0083	Metering System Id
J0111	MPAS Agent Id
J1156	Other Data Collector Id
J1166	Profile Class Id (DC)
J1164	Profile Class Id (MPAS)
J1150	Registration Effective from Settlement Date
J1171	SSC Id (DC)
J1170	SSC Id (MPAS)
J0084	Supplier Id
J1158	Supplier Id (DC)
J1172	Supplier Id (MPAS)

Flow Reference: **D0095**Flow Version: **001**

Status: Operational

Reference	Item Name
J1134	To Settlement Date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
EXH	Exception Header	1		G								
					1							Supplier Id
					1							Data Collector Id
					1							From Settlement Date
					1							To Settlement Date
					1							Count of Metering Systems with at least 1 exception of type 01
					1							Count of Metering Systems with at least 1 exception of type 02
					1							Count of Metering Systems with at least 1 exception of type 03
					1							Count of Metering Systems with at least 1 exception of type 04
					1							Count of Metering Systems with at least 1 exception of type 05
					1							Count of Metering Systems with at least 1 exception of type 06
					1							Count of Metering Systems with at least 1 exception of type 07
					1							Count of Metering Systems with at least 1 exception of type 08
					1							Count of Metering Systems with at least 1 exception of type 09
					1							Count of Metering Systems with at least 1 exception of type 10
					1							Count of Metering Systems with at least 1 exception of type 11
					1							Count of Metering Systems with at least 1 exception of type 12
					1							Count of Metering Systems with at least 1 exception of type 13
					1							Count of Metering Systems with at least 1 exception of type 14
					1							Count of Metering Systems with at least 1 exception
EXP	MPAS Agent Identifier	0-*		G								
					1							MPAS Agent Id
EXM	Metering System Identifier	0-*		G								
						1						Metering System Id

Status: Operational

27 February 2020

Flow Reference: **D0095**Flow Version: **001**

Status: Operational

E10	Exception Details (GSP Group incorrect)	0-*				G														
							1													GSP Group Id (MPAS)
							1													GSP Group Id (DC)
							1													Effective from Settlement Date of last MPAS data
							1													Effective from Settlement Date of last DC data
E11	Exception Details (Profile Class incorrect)	0-*				G														
							1													Profile Class Id (MPAS)
							1													Profile Class Id (DC)
							1													Effective from Settlement Date of last MPAS data
							1													Effective from Settlement Date of last DC data
E12	Exception Details (Energisation Status incorrect)	0-*				G														
							1													Energisation Status (MPAS)
							1													Energisation Status (DC)
							1													Effective from Settlement Date of last MPAS data
							1													Effective from Settlement Date of last DC data
E13	Exception Details (Standard Settlement Configuration incorrect)	0-*				G														
							1													SSC Id (MPAS)
							1													SSC Id (DC)
							1													Effective from Settlement Date of last MPAS data
							1													Effective from Settlement Date of last DC data
E14	Exception Details (no Registration)	0-*				G														
							1													Supplier Id (MPAS)
							1													Effective from Settlement Date of last MPAS data
							1													Effective from Settlement Date of last DC data

Notes: NHHDA URS states that this flow may contain multiple MPAS Agents, however Logica I/O structure constrains this to 1 flow per MPAS Agent. No such constraint is assumed here.

Commented [JW57]: Should this be changed? Guidance

Flow Reference: D0095**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2106	First instance of Data Item J1159 replaced with J1219. All other instances remain unchanged.
Version 3.101	2119	Data Item order changed.
Version 4	2810	Date Item 'Count of Metering Systems with at least 1 exception' added to group EXH.
Version 4.1	2897	Range of group EXP changed from '1-*'.
Version 4.1	2916	Flow occurrence from NHHDA to NHHDC removed.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 7	3111	Replaced 'PRS Agent' with 'MPAS Agent' within Group Description for Group EXP and Notes.

Flow Reference: **D0125**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of Disconnection of Supply	
Flow Description:	Confirmation is being given of disconnection of supply to a premises..	
Flow Ownership:	MRA	
From	To	Version
Distributor	Supplier	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0014	Date of Action
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
249	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Date of Action
					1							Additional Information

Notes:	
--------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
--	-----------	--

Flow Reference: **D0126**Flow Version: **001**

Status: Operational

Flow Name:	Asset Condition Report Response / Clearance		
Flow Description:	The System Fault Information Centre is informing the Supplier and MOP of the outcome of an investigation into a report of a Category A report by telephone, or a Category B report by a D0135 flow.		
Flow Ownership:	MRA		
From	To	Version	
SFIC	MOP	10.4	
SFIC	Supplier	10.4	

Data Items:

Reference	Item Name
J0012	Additional Information
J1823	Asset Condition Clearance Code
J1822	Asset Condition Clearance Date
J1824	Asset Condition Code
J1825	Asset Condition Report Date
J0003	MPAN Core
J0008	Nature of Maintenance

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
250	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Nature of Maintenance
					O							Additional Information
61H	Asset Condition Response	1	If in response to a D0135 flow (Category A and B Only)	G								
						1						Asset Condition Report Date
						1						Asset Condition Code
						1						Asset Condition Clearance Code
						1						Asset Condition Clearance Date

Commented [JW58]: Not required as per message definition.

Notes:	<p>This flow shall be sent for all Urgent Actions reported, i.e. Category A and B issues.</p> <p>The Distribution Business will send the D0126 to the Supplier and Meter Operator registered within MPAS on the day the flow is sent. This may not be the Supplier or Meter Operator reporting the issue.</p> <p>Where "Asset Condition Clearance Code" (J1823) is populated with 'D' (Disputed – no defect identified that prevents meter installation), 'R' (Resolved – defect cleared but Asset Condition Category less serious than reported) or 'U' (Unable to Resolve), the Distribution Business must provide an explanation of why the code has been used within "Additional Information" (J0012).</p>
---------------	--

Commented [JW59]: Process Obligation

Commented [JW60]: Data Item Requirement Rule

Flow Reference: D0126**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.4	3336	New Data Group added. Name of flow changed. Flow description amended. "Asset Condition Report Date", "Asset Condition Code", "Asset Condition Clearance Code" and "Asset Condition Clearance Date" data items added. J0014 "Date of Action" data item deleted. New flow instance (SFIC to MOP) added. New flow notes added.
Version 11.2	3435	Introduction of one new Asset Condition Clearance Code, update to the flow notes and update to the group 61H condition
Version 11.4	3446	Update to Flow notes.
Version 11.5	3476	Corrected the "Asset Condition Clearance Code" reference to J1823

Flow Reference: D0128**Flow Version: 001****Status:**

Flow Name:	Provision of Customer and Site Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1263	Current Rating deleted from flow as not required. Changed Meter Current Rating from O to 1.
Version 3.1	1637	Generator/Dsitributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1973	Customer Name removed from flow.
Version 3.1	1977	Flow deleted as data is transmitted via flows D0131, D0215 and D0142.

Flow Reference: **D0131**Flow Version: **001**

Status: Operational

Flow Name:	Metering Point Address Details		
Flow Description:	The Supplier will inform agents of change to Metering Point Address details..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	HHDC	2.0	
Supplier	MOP	3.0	
Supplier	NHHDC	2.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J1676	Address Key
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J1675	Unique Property Reference Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
253	MPAN Cores	1..*		G								
					1							MPAN Core
					O							Additional Information
71C	Metering Point Address	1		G								
						O						Metering Point Address Line 1
						O						Metering Point Address Line 2
						O						Metering Point Address Line 3
						O						Metering Point Address Line 4
						O						Metering Point Address Line 5
						O						Metering Point Address Line 6
						O						Metering Point Address Line 7
						O						Metering Point Address Line 8
						O						Metering Point Address Line 9
						O						Metering Point Postcode
						N						Address Key

Flow Reference: **D0131**Flow Version: **001**

Status: Operational

					N						Unique Property Reference Number
--	--	--	--	--	---	--	--	--	--	--	----------------------------------

Notes:	An update to an individual line within an address will require the entire address to be sent. The Data Item Address Key is included in this flow for possible future facilitation of address maintenance.
--------	---

Commented [JW61]: General Address Rule

Commented [JW62]: Guidance / Obsolete?

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1942	Additional Data Items added to provide information for Distribution Business.
Version 3.1	1966	Data Item Customer Name added as a mandatory field. Additional optional data items included. Existing data items made optional.
Version 3.1	1967	Flow title and description changed.
Version 3.101	2108	Notes added to clarify address format.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	All flow occurrences from Generator (Scotland) removed.
Version 5	2980	Notes changed to define usage of Address Data Items.
Version 7.2	3095	Flow renamed to Metering Point Address Details. Flow Description amended. Data items only relating to the Metering Point Address Details contained within the flow and Group 71C added.
Version 7.2	3117	Supplier to Distributor instance removed. Flow description amended.
Version 7.2	3145	Flow Notes changed.
Version 10.8	3386	UPRN Data Item in Group 71C changed from "Null" to "Optional"
Version 11.6	3486	Data Item J1840 nullified

Flow Reference: **D0132**Flow Version: **001**

Status: Operational

Flow Name:	Details of Disconnection of Supply		
Flow Description:	Where the supply is no longer required a request is made for disconnection of the supply..		
Flow Ownership:	MRA		
From	To		Version
Supplier	Distributor		2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0489	Contact Name
J0375	Customer Name
J1844	Customer Preferred Contact Details
J1845	Customer Preferred Contact Method
J1648	Disconnection Type
J0292	Earliest Appointment Time
J0080	Energisation Status
J0293	Latest Appointment Time
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode
J0419	Meter Location
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
254	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Disconnection Type
					O							Additional Information
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2

Flow Reference: **D0132**Flow Version: **001**

Status: Operational

				O							Metering Point Address Line 3
				O							Metering Point Address Line 4
				O							Metering Point Address Line 5
				O							Metering Point Address Line 6
				O							Metering Point Address Line 7
				O							Metering Point Address Line 8
				O							Metering Point Address Line 9
				O							Appointment Date
				O							Earliest Appointment Time
				O							Latest Appointment Time
				O							Energisation Status
				O							Contact Name
				O							Meter Location
				O							Customer Name
				O							Mailing Address Line 1
				O							Mailing Address Line 2
				O							Mailing Address Line 3
				O							Mailing Address Line 4
				O							Mailing Address Line 5
				O							Mailing Address Line 6
				O							Mailing Address Line 7
				O							Mailing Address Line 8
				O							Mailing Address Line 9
				O							Mailing Address Postcode
001	Additional Request Information	0-*		G							
					1						Customer Preferred Contact Method
					1						Customer Preferred Contact Details

Notes: Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Commented [JW63]: General Address Rule

Flow Reference: D0132**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1943	Customer Name and Mailing Address added in L2 as optional.
Version 5.2	3040	Data Items 'Disconnection Type' and 'Additional Information' added to Group 254.
Version 7.2	3145	Flow Notes changed.
Version 11	3382	'Customer Preferred Contact Method' and 'Customer Preferred Contact Details' Data Items added under new 'Additional request Information' Group in L3 as Mandatory. 'Energisation Status' and 'Meter Location' Data Items made Optional. 'Mailing Address Postcode' Data Item added to L2 as Optional.

Flow Reference: **D0134**Flow Version: **001**

Status: Operational

Flow Name:	Request to Change Energisation Status		
Flow Description:	A request for the energisation status of a metering point to be changed..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	Distributor	2.0	
Supplier	MOP	2.0	

Data Items:

Reference	Item Name
J0174	Appointment Date
J0489	Contact Name
J0375	Customer Name
J0292	Earliest Appointment Time
J0080	Energisation Status
J0293	Latest Appointment Time
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J1011	Maximum Power Requirement
J0004	Meter Id (Serial Number)
J0419	Meter Location
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0673	Requested Energisation Status

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
255	MPAN Cores	1..*		G								
					1							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3

Flow Reference: **D0134**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 4
				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				1						Energisation Status
				1						Requested Energisation Status
				O						Appointment Date
				O						Earliest Appointment Time
				O						Latest Appointment Time
256	Meter Detail per MPAN Core	0-*		G						
				1						Meter Id (Serial Number)
				1						Meter Location
				O						Customer Name
				O						Mailing Address Line 1
				O						Mailing Address Line 2
				O						Mailing Address Line 3
				O						Mailing Address Line 4
				O						Mailing Address Line 5
				O						Mailing Address Line 6
				O						Mailing Address Line 7
				O						Mailing Address Line 8
				O						Mailing Address Line 9
				O						Maximum Power Requirement
				O						Contact Name

Notes:	<p>Half hour Data Collectors are not involved in the change of energisation process. This flow is not for use with prepayment meters.</p> <p>Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.</p>
---------------	---

Commented [JW64]: Process Obligation

Commented [JW65]: General Address Rule

Flow Reference: D0134**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1369	Meter Location moved from MPAN Core level to Meter Detail level.
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1729	Flow Supplier to NHHDC removed as not required.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1941	Data Items added to provide information for Distribution Business.
Version 3.1	1972	Note amended to reflect correct use of flow.
Version 3.102	2276	Distributor to MOP and MOP to Distributor flow occurrences removed as not required.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) removed.
Version 7.2	3145	Flow Notes changed.

Flow Reference: D0135**Flow Version: 001****Status:**

Flow Name:	Asset Condition Report
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1940	Data Item added to provide information for Distribution Business.
Version 3.1	1973	Customer Name removed from flow.
Version 5	3022	Flow occurrence from NHHDR to NHHDC added.
Version 7.2	3145	Flow Notes changed.
Version 10.4	3336	Flow name changed. New Asset Condition Group and new Asset Condition Items added.
Version 11.4	3457	Data Flow replaced by Data Flow D0135 Version 2
Version 11.4	3457	J2062 Data Item added and J0004 made an optional Data Item

Flow Reference: **D0135**Flow Version: **002**

Status: Operational

Flow Name:	Asset Condition Report
Flow Description:	A report to the System Fault Information Centre of a concern with the Service Termination Equipment which does not require emergency attention.
Flow Ownership:	MRA

From	To	Version
HHDC	SFIC	11.4
MOP	SFIC	11.4
NHHDC	SFIC	11.4
NHHDR	NHHDC	11.4
Supplier	SFIC	11.4

Data Items:

Reference	Item Name
J0012	Additional Information
J1824	Asset Condition Code
J1825	Asset Condition Report Date
J0489	Contact Name
J0490	Contact Telephone Number
J0004	Meter Id (Serial Number)
J0419	Meter Location
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J2062	Smart Meter Installation Visit
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
257	MPAN Cores	1-*		G								
					1							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6

Flow Reference: **D0135**Flow Version: **002**

Status: Operational

				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Contact Name
				O						Contact Telephone Number
				1						Supplier Id
258	Meters per MPAN Core	1-*		G						
				O						Meter Id (Serial Number)
				1						Meter Location
				O						Additional Information
60H	Asset Condition	1	If sender Meter Operator	G						
				1						Smart Meter Installation Visit
				1						Asset Condition Report Date
				1						Asset Condition Code

Notes:	<p>Assumed that urgent safety issues, ie immediate danger, would be subject to individual telephone call direct to SFIC. Nature of defect to be shown in additional data field.</p> <p>Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.</p> <p>This flow is only used to report Category B and C asset condition reports to the SFIC. Category A reports will be made by telephone.</p>
---------------	---

Commented [JW66]: Message Scenario Variant

Commented [JW67]: Guidance – is this still correct with Cat A below?

Commented [JW68]: General Address Rule

Commented [JW69]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1940	Data Item added to provide information for Distribution Business.
Version 3.1	1973	Customer Name removed from flow.
Version 5	3022	Flow occurrence from NHHDR to NHHDC added.
Version 7.2	3145	Flow Notes changed.
Version 10.4	3336	Flow name changed. New Asset Condition Group and new Asset Condition Items added.
Version 11.4	3457	Data Flow replaced by Data Flow D0135 Version 2
Version 11.4	3457	J2062 Data Item added and J0004 made an optional Data Item

Flow Reference: **D0136**Flow Version: **001**

Status: Operational

Flow Name:	Report to Supplier of Possible Irregularity		
Flow Description:	A report of the existence of a possible irregularity which may require further investigation by a Revenue Protection Service..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	Supplier	3.0	
HHDC	Supplier	3.0	
MOP	Supplier	3.0	
NHHDC	Supplier	3.0	
NHHDR	NHHDC	5.0	
PPMIP	Supplier	3.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0375	Customer Name
J0004	Meter Id (Serial Number)
J0419	Meter Location
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0451	Tampering Code
J0822	Tampering Report Date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
259	Suspect Metering Points	1-*		G								
					1							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7

Flow Reference: **D0136**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Customer Name
260	Suspect Meters	1-*		G						
					1					Meter Id (Serial Number)
					1					Tampering Code
					1					Tampering Report Date
					O					Meter Location
					O					Additional Information

Notes:	Tampering Code is a general guide to the nature or symptoms of the suspected irregularity. Additional information should be provided wherever possible.
	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Commented [JW70]: Guidance

Commented [JW71]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	All flow occurrences to Generator (Scotland) removed.
Version 5	3023	Flow occurrence from NHHDR to NHHDC added.
Version 7.2	3145	Flow Notes changed.

Flow Reference: **D0139**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation or Rejection of Energisation Status Change		
Flow Description:	This flow confirms that the Energisation Status of a metering point has been changed, or notifies that a change was not possible and gives the reason for failure..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	MOP	2.0	
Distributor	Supplier	2.0	
MOP	Distributor	2.0	
MOP	HHDC	2.0	
MOP	NHHDC	2.0	
MOP	Supplier	2.0	

Data Items:

Reference	Item Name
J0014	Date of Action
J0080	Energisation Status
J1253	Failure to Energise or De-Energise Reason Code
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J0171	Reading Type
J0040	Register Reading
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
261	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Energisation Status
					1							Date of Action
					O							Failure to Energise or De-Energise Reason Code
					O							Site Visit Check Code
262	Meter Detail per MPAN Core	0-*		G								
					1							Meter Id (Serial Number)
263	Register Details per Meter	0-*		G								
						1						Meter Register Id
						1						Reading Type
						O						Register Reading

Notes:	
---------------	--

Flow Reference: D0139**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1971	Notes amended to reflect correct use of flow.
Version 3.2	2289	Data Item J0691 replaced with new Data Item J1253.
Version 3.2	2304	Register Reading made optional. Group 263 optionality changed to 0-*.
Version 4	2344	Flow renamed.
Version 4	2461	Flow description changed and range of group 262 changed to '0-*'.
Version 4	2697	All flow occurrences from Distributor (Scotland) and to Distributor (Scotland) removed.
Version 4	2747	All flow occurrences from Generator (Scotland) and to Generator (Scotland) removed.
Version 4	2830	Notes removed.
Version 4.1	2889	Flow occurrences from Supplier to HHDC, from Supplier to MOP and from Supplier to NHHDC removed.

Flow Reference: D0141**Flow Version: 001****Status:**

Flow Name:	Proving Test Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.2	2302	This flow was deleted as it was felt that D0005 and D0003 can cover its requirements.

Flow Reference: **D0142**Flow Version: **001**

Status: Operational

Flow Name:	Request for Installation or Change to a Metering System Functionality or the Removal of All Meters	
Flow Description:	Request is being made and information provided to allow removal, replacement or installation of a meter..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0386	Communications Method
J0292	Earliest Appointment Time
J0293	Latest Appointment Time
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J1020	Remove Metering Point Meters
J0673	Requested Energisation Status
J0098	Retrieval Method
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
267	MPAN Cores	1-*		G								
					I							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8

Flow Reference: **D0142**Flow Version: **001**

Status: Operational

				O							Metering Point Address Line 9
				O							Metering Point Postcode
				O							Appointment Date
				O							Earliest Appointment Time
				O							Latest Appointment Time
				1							Retrieval Method
				O							Communications Method
				1							Requested Energisation Status
				O							Standard Settlement Configuration Id
				O							Additional Information
				O							Remove Metering Point Meters
				O							Metering System Non Settlement Functionality Code

Notes:	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.
---------------	--

Commented [JW72]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1962	Energisation Status replaced by Requested Energisation Status.
Version 3.1	1963	Number of Phases deleted. Group G0268 deleted as the data is not required.
Version 3.1	1964	New Data Item added 'Remove Meters'.
Version 3.1	1973	Customer Name removed from flow.
Version 4	2569	Data item 'Metering System Non Settlement Functionality Code' added to group 267.
Version 4	2630	Flow renamed.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2702	Flow occurrence from Distributor to Supplier removed.
Version 4	2730	Data Item 'Communications Method' made optional.
Version 7.2	3145	Flow Notes changed.
Version 8.4	3271	Instance of Generator (Scotland) to MOP removed

Flow Reference: D0147**Flow Version: 001****Status:**

Flow Name:	Request for Change of Metering System Configuration
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1248	External Note added.
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1965	Flow deleted as not required. Flow D0142 covers the change in configuration.

Flow Reference: **D0148**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Change to Other Parties		
Flow Description:	Notification to a MOP or DC of any change to relevant Agent appointments and/or terminations for the metering point for the three functional processes: new connection, change of supplier and change of agent(s).		
Flow Ownership:	MRA		
From	To	Version	
Supplier	HHDC	2.0	
Supplier	MOP	2.0	
Supplier	NHHDC	2.0	

Data Items:

Reference	Item Name
J0459	Agent Status
J0183	Data Aggregator Id
J0205	Data Collector Id
J0219	Effective from Date {DCA}
J0210	Effective from Date {MOA}
J0334	Effective from Settlement Date {DAA}
J0049	Effective from Settlement Date {REGI}
J0399	Effective to Date {DCA}
J0360	Effective to Date {MOA}
J0340	Effective to Settlement Date {DAA}
J0178	Meter Operator Id
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
270	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
271	Data Collector Appointment or Termination Details	0-*		G								
					1							Data Collector Id
					1							Agent Status
272	Effective from Date	0-1				G						
						1						Effective from Date {DCA}
273	Effective to Date	0-1				G						
						O						Effective to Date {DCA}
274	Meter Operator Appointment or Termination Details	0-*		G								
					1							Meter Operator Id
					1							Agent Status
275	Effective from Date	0-1				G						
						1						Effective from Date {MOA}
276	Effective to Date	0-1				G						
						O						Effective to Date {MOA}
277	Data Aggregator Appointment or Termination Details	0-*		G								
					1							Data Aggregator Id
					1							Agent Status

Flow Reference: **D0149**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Mapping Details		
Flow Description:	This flow notifies mapping of physical registers to time pattern regimes..		
Flow Ownership:	MRA		
From	To	Version	
MOP	Distributor	3.1	
MOP	MOP	5.0	
MOP	NHHDC	2.0	
MOP	Supplier	3.1	

Data Items:

Reference	Item Name
J1254	Effective from Settlement Date {MSMTD}
J1268	Effective From Settlement Date {MSNSFC}
J0300	Effective from Settlement Date {SCON}
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J0679	Register Mapping Coefficient
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
280	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {MSMTD}
281	NHH Mapping Details	1		G								
						1						Standard Settlement Configuration Id
						1						Effective from Settlement Date {SCON}
778	Time Pattern Regimes	1-*		G								
						1						Time Pattern Regime
283	Meter Details	1-*					G					
								1				Meter Id (Serial Number)
284	Meter Register	1-*						G				
									1			Meter Register Id
										1		Register Mapping Coefficient
23A	Non Settlements Registers	0-1		G								
						1						Metering System Non Settlement Functionality Code
						O						Effective From Settlement Date {MSNSFC}
24A	Time Pattern Regimes	1-*		G								
							1					Time Pattern Regime
25A	Meter Details	1-*					G					
								1				Meter Id (Serial Number)

Flow Reference: **D0149**Flow Version: **001**

Status: Operational

26A	Meter Register	1-*							G				
										1			Meter Register Id
										1			Register Mapping Coefficient

Notes:	The Register Mapping Coefficient is required for mapping the difference between 2 or more physical registers' readings to a Settlement Register. See Annex C for Flow Notes
---------------	--

Commented [JW74]: Guidance + Annex C additions

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1183	Suppliers need to know how the meters have been set up and the relationship between TPRs and Meter Registers.
Version 3.1	1610	Effective from Settlement Date {SSC} amended to Effective from Settlement Date {SCON}.
Version 3.1	1612	Flow not required by MOP from NHHDC.
Version 3.1	1974	Groups G0282, G0285, G0286 and G0287 and other retrieval data items have been deleted from flow and moved to D0150 as they are all meter related. A separate group has been created for 'Time Pattern Regime Id' and placed above 'Meter Id'. 'Settlement Mapping Coefficient' has been moved to G0284. Flow name and description amended.
Version 3.1	2052	MOP to Distributor added to flow.
Version 3.1	2055	Version History amended. Group name altered.
Version 3.2	2305	All flow occurrences from or to HHDC removed.
Version 4	2569	Flow structure changed by duplicating groups 778, 283 and 284 under a new group containing 'Metering System Non Settlement Functionality Code'.
Version 4	2617	Data item 'Date of Action' has been made 'null' and 'Effective From Settlement Date {MSNSFC}' added to group 280.
Version 4	2848	Data Item 'Effective from Settlement Date {MSNSFC}' moved from group 280 to group 234.
Version 4.2	2917	Data Item 'Date of Action' replaced by Data Item 'Effective from Settlement Date {MSMTD}' and made mandatory.
Version 5	2996	Flow occurrence from MOP to MOP added.
Version 7	3093	Condition Removed from Group 281 and Notes added to reference Annex C for Flow Notes.

Flow Reference: D0150**Flow Version: 001****Status:** Operational

Flow Name:	Non Half-hourly Meter Technical Details	
Flow Description:	Meter technical details for Non Half-hourly..	
Flow Ownership:	MRA	
From	To	Version
Distributor	MOP	3.1
MOP	Distributor	2.0
MOP	MOP	2.0
MOP	NHHDC	2.0
MOP	Supplier	2.0

Data Items:

Reference	Item Name
J0476	Associated Meter Id
J0477	Associated Meter Register Id
J0462	Certification Date
J0463	Certification Expiry Date
J0382	Channel Number
J0385	Communications Address
J0386	Communications Method
J0454	CT Ratio
J0848	Date of Meter Installation
J1269	Date of Meter Removal
J1254	Effective from Settlement Date {MSMTD}
J1268	Effective From Settlement Date {MSNSFC}
J0300	Effective from Settlement Date {SCON}
J0080	Energisation Status
J0408	Main/Check Indicator
J0480	Maintenance Date
J0410	Manufacturers Make & Type
J0082	Measurement Class Id
J0103	Measurement Quantity Id
J1677	Meter Asset Provider Id
J0418	Meter COP
J0461	Meter COP Dispensation
J0501	Meter Current Rating
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0010	Meter Register Id
J0475	Meter Register Multiplier
J0474	Meter Register Type
J0483	Meter Type
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J0008	Nature of Maintenance
J0478	Number of Register Digits
J0465	Outstation COP
J0467	Outstation COP Dispensation
J0468	Outstation Encryption Key
J0469	Outstation Number of Channels
J0470	Outstation Password Level 1

Flow Reference: **D0150**Flow Version: **001**

Status: Operational

Reference	Item Name
J0464	Outstation PIN
J0471	Outstation Type
J0432	Pulse Multiplier
J0098	Retrieval Method
J0722	Retrieval Method Effective Date
J0076	Standard Settlement Configuration Id
J0134	Tele-Switch/Clock Indicator
J0716	Timing Device Id (Serial Number)
J0455	VT Ratio

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
288	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {MSMTD}
					N							Measurement Class Id
					1							Energisation Status
289	SSCs	1	If meter at metering point	G								
					1							Standard Settlement Configuration Id
					1							Effective from Settlement Date {SCON}
					O							Metering System Non Settlement Functionality Code
					O							Effective From Settlement Date {MSNSFC}
762	Metering Point Maintenance History	0-1		G								
					1							Maintenance Date
					1							Nature of Maintenance
290	Meter/Retrieval Method Details	1-*	If meter at metering point	G								
					1							Meter Id (Serial Number)
					N							Meter COP
					N							Meter COP Dispensation
					1							Meter Current Rating
					1							Meter Location
					1							Manufacturers Make & Type
					1							Meter Asset Provider Id
					N							Communications Address
					N							Communications Method
					N							Outstation PIN
					N							Outstation COP
					N							Outstation COP Dispensation
					N							Outstation Encryption Key
					N							Outstation Number of Channels
					N							Outstation Password Level 1
					N							Outstation Type

Commented [JW75]: Message Collection Conditional Rule

Commented [JW76]: Message Collection Conditional Rule

Flow Reference: **D0150**Flow Version: **001**

Status: Operational

					O					VT Ratio
					1					Meter Type
					O					Date of Meter Installation
					O					Certification Date
					O					Certification Expiry Date
					O					Timing Device Id (Serial Number)
					N					Tele-Switch/Clock Indicator
					1					Retrieval Method
					1					Retrieval Method Effective Date
291	CT Ratio	1	If NOT whole current meter		G					
					1					CT Ratio
293	Meter Register Details	1-*			G					
					1					Meter Register Id
					1					Meter Register Type
					1					Measurement Quantity Id
					1					Meter Register Multiplier
					N					Main/Check Indicator
					1					Number of Register Digits
					N					Associated Meter Id
					N					Associated Meter Register Id
295	Meter Channels	0-*	If Half Hourly Meters		G					
					N					Channel Number
					N					Measurement Quantity Id
					N					Pulse Multiplier
296	Metering System Maintenance History	0-*			G					
					1					Maintenance Date
					1					Nature of Maintenance
08A	Meters Removed	0-*			G					
					1					Meter Id (Serial Number)
					1					Date of Meter Removal
					1					Meter Asset Provider Id

Commented [JW77]: Message Collection Conditional Rule

Commented [JW78]: Message Collection Conditional Rule

Notes: See Annex C for Flow Notes

Flow Reference: D0150**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1140	New Group added 'Metering Point Maintenance History'. G0296 renamed as 'Metering System Maintenance History'.
Version 3.1	1172	Removed all instances of this flow from the Old HHDC and Old NHHDC to the New HHDC and New NHHDC. This information is not passed in this manner.
Version 3.1	1263	Data Item and Group 'Current Rating' removed and 'Meter Current Rating' added to Group G0290.
Version 3.1	1315	Flow occurrences from the Supplier to the Distributor, HHDC, NHHDC and PRS Agent removed. Incorrectly added into prior version of the DTC.
Version 3.1	1457	MOP to New Supplier added as a flow occurrence.
Version 3.1	1621	Effective from Settlement Date {SSC} changed to Effective from Settlement Date {SCON}.
Version 3.1	1624	Distributor to MOP flow added as Distributor may change a meter.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1974	G0290 renamed to meter/retrieval method details and retrieval data items moved from D0149. G0295 made for 'half hourly only'.
Version 3.1	1976	Data Item 'Commissioning Required' added to flow at L3 (optional).
Version 3.1	1976	Data Items J0443 Supply Voltage and J0427 Number of Phases removed as these are site and not meter details. Data Item J0078 and its group removed as it is settlement and not meter related. This is covered within flow D0149.
Version 3.1	1976	Notes amended to clarify use of this flow and its data items. Flow Structure amended.
Version 3.1	2049	Energisation Status added to flow.
Version 3.1	2056	Flow corrected as per JPW A CR1974
Version 3.2	2312	All flow occurrences to HHDC removed.
Version 4	2201	Data Item 'Connection Date' replaced by 'Date of Meter Installation' as optional, and 'Disconnection Date' replaced by 'Date of Meter Removal'.
Version 4	2569	Data item 'Metering System Non Settlement Functionality Code' added to group 289.
Version 4	2599	Various half-hourly related data items have been made 'null' in group 290. Conditions of groups 289 and 293 removed. Flow name changed to 'Non Half-hourly Meter Technical Details' and flow description changed. Group 289 description changed.
Version 4	2609	Data items 'Effective from Settlement Date {MSMC}' and 'Measurement Class Id' have been made 'null' in group 288.
Version 4	2610	Data item 'Tele Switch/Clock Indicator' has been made 'null' in group 290.
Version 4	2611	Data item 'Main/Check Indicator' has been made 'null' in group 293.
Version 4	2614	Data items 'Associated Meter Id' and 'Associated Meter Register Id' have been made 'null' in group 293.
Version 4	2616	Data item 'Commissioning Required' removed from group 290.
Version 4	2617	Add data item 'Effective from Settlement Date {MSNSFC}' to group 289 as per CR 2849.
Version 4	2619	Group 08A added as a child of group 288 as per CR 2849.
Version 4	2697	Flow occurrence from MOP to Distributor (Scotland) removed.
Version 4	2739	Data Item 'Date of Meter Removal' removed from group 290 and group 290 range changed to 0-*,
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 4	2849	Flow notes changed.
Version 4.2	2917	Data Item 'Effective from Settlement Date {MSMC}' replaced by 'Effective from Settlement Date {MSMTD}' and made mandatory.
Version 6.2	3103	Removed 'Does not apply to ERS' from Notes
Version 7	3083	Condition 'If meter at metering point' added to Group 289 and 290. Range of Group 762 changed from 0* to 0-1. Range of Group 290 changed from 0 to 1-*. Data Items J0382, J0103 and J0432 made null in Group 295.
Version 7	3093	Original Notes removed and Notes 'See Annex C for Flow Notes' added.
Version 7.3	3128	Data Item 'Number of Channels' replaced by Data Item 'Meter Type' and made mandatory.
Version 7.4	3139	Data Item 'Meter Asset Provider Id' added as a mandatory Data Item to Group 290 and 08A. Data Item 'Outstation Id' removed from the flow.

Flow Reference: D0150**Flow Version: 001****Status:** Operational

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.7	3276	Flow notes changed

Flow Reference: **D0151**Flow Version: **001**

Status: Operational

Flow Name:	Termination of Appointment or Contract by Supplier		
Flow Description:	This is a notification that an existing appointment or contract is to be terminated by a Supplier, including the situation when there has been an upheld objection to Change of Supplier..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	HHDA	3.0	
Supplier	HHDC	1.0	
Supplier	MOP	1.0	
Supplier	NHHDA	3.0	
Supplier	NHHDC	1.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0049	Effective from Settlement Date {REGI}
J0399	Effective to Date {DCA}
J0360	Effective to Date {MOA}
J0340	Effective to Settlement Date {DAA}
J0003	MPAN Core
J1194	New Supplier Id
J0279	Termination Reason

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
297	MPAN Cores	1..*		G								
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
					1							Termination Reason
					O							Additional Information
298	Effective to Date	1	If MOP termination	G								
						1						Effective to Date {MOA}
99H	CoS Details	1	If Termination Reason = LC			G						
							1					New Supplier Id
299	Effective to Date	1	If DC termination		G							
						1						Effective to Date {DCA}
300	Effective to Date	1	If DA termination		G							
						1						Effective to Settlement Date {DAA}

Notes:	If the Agent requires further information than that provided by the Termination Reason this should be detailed in the Additional Information field.
---------------	---

Commented [JW79]: Message Scenario Variant

Commented [JW80]: Message Collection Conditional Rule

Commented [JW81]: Message Scenario Variant

Commented [JW82]: Message Scenario Variant

Commented [JW83]: Guidance

Flow Reference: D0151**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Distributor/Generator (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 5.1	2997	Data Item 'Termination Reason' made mandatory in Group 297.
Version 5.1	3033	Notes added.
Version 8.4	3271	Instances of Generator (Scotland) to HHDC and MOP removed
Version 10.9	3395	"CoS Details" group containing "New Supplier Id" added to flow
Version 12.4	3546	Notes added to Annex C

Flow Reference: **D0152**Flow Version: **001**

Status: Operational

Flow Name:	Metering System EAC/AA Historical Data		
Flow Description:	Historical details of the annualised advance and estimated actual consumption calculated by the data collector for a metering system..		
Flow Ownership:	MRA		
From	To	Version	
NHHDC	NHHDC	2.0	

Data Items:

Reference	Item Name
J0079	Annualised Advance
J0090	Effective from Settlement Date {EACDC}
J0087	Effective from Settlement Date {MACDC}
J0297	Effective from Settlement Date {MSES}
J0093	Effective from Settlement Date {MSGGDC}
J0094	Effective from Settlement Date {MSMCDC}
J0092	Effective from Settlement Date {MSPCDC}
J0049	Effective from Settlement Date {REGI}
J0091	Effective from Settlement Date {SCDC}
J0088	Effective to Settlement Date {MACDC}
J0080	Energisation Status
J0081	Estimated Annual Consumption
J0066	GSP Group Id
J0082	Measurement Class Id
J0003	MPAN Core
J0071	Profile Class Id
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
301	MPAN Cores	1-*		G								
					1							MPAN Core
302	Meter Advance Period Settlement Dates	0-*			G							
						1						Effective from Settlement Date {MACDC}
						1						Effective to Settlement Date {MACDC}
303	Annualised Advances	1-*			G							
						1						Time Pattern Regime
						1						Annualised Advance
304	EAC Effective Date	1-*			G							
						1						Effective from Settlement Date {EACDC}
305	EACs	1-*			G							
						1						Time Pattern Regime
						1						Estimated Annual Consumption
306	SSC	1-*			G							

Flow Reference: **D0152**Flow Version: **001**

Status: Operational

					1						Standard Settlement Configuration Id
					1						Effective from Settlement Date {SCDC}
307	Supplier and Effective Date	1-*		G							
					1						Supplier Id
					1						Effective from Settlement Date {REGI}
308	Profile Class	1-*		G							
					1						Profile Class Id
					1						Effective from Settlement Date {MSPCDC}
309	GSP Group	1-*		G							
					1						GSP Group Id
					1						Effective from Settlement Date {MSGGDC}
310	Measurement Class	1-*		G							
					1						Measurement Class Id
					1						Effective from Settlement Date {MSMCDC}
311	Energisation Status	1-*		G							
					1						Energisation Status
					1						Effective from Settlement Date {MSES}

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3039	Group 302 Range changed from mandatory to optional.

Flow Reference: **D0153**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Data Aggregator Appointment and Terms
Flow Description:	This is a notification that a data aggregator (HH or NHH) is to be appointed to a metering system and of the contractual terms to be applied..
Flow Ownership:	MRA

From	To	Version
Supplier	HHDA	2.0
Supplier	NHHDA	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0048	Contract Reference
J0334	Effective from Settlement Date {DAA}
J0049	Effective from Settlement Date {REGI}
J0003	MPAN Core
J0275	Service Level Reference
J0274	Service Reference

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
312	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {DAA}
					1							Effective from Settlement Date {REGI}
					1							Contract Reference
					O							Additional Information
313	Agreed Service Details	1-*		G								
						1						Service Reference
						1						Service Level Reference

Notes:	This flow supersedes D0027 in Version 1. This flow includes Unmetered Supply Requirements.
---------------	---

Commented [JW84]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1885	Notes added re unmetered supply.
Version 12.4	3546	Notes added to Annex C

Flow Reference: D0154**Flow Version: 001****Status:**

Flow Name:	Notification of Request for Charging Purposes
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1973	Customer Name removed from flow.
Version 4	2624	Deleted flow from catalogue.

Flow Reference: D0155**Flow Version: 001****Status:** Operational

Flow Name:	Notification of Meter Operator or Data Collector Appointment and Terms	
Flow Description:	This is a notification of a new or changed appointment to a metering system and of the contractual terms to be applied.	
Flow Ownership:	MRA	
From	To	Version
Supplier	HHDC	2.0
Supplier	MOP	2.0
Supplier	NHHDC	2.0

Data Items:

Reference	Item Name
J0048	Contract Reference
J0219	Effective from Date {DCA}
J0210	Effective from Date {MOA}
J0049	Effective from Settlement Date {REGI}
J0066	GSP Group Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0277	Regular Reading Cycle
J0696	Required First Scheduled Read Date
J0098	Retrieval Method
J0275	Service Level Reference
J0274	Service Reference
J2177	Smart CoS Process Indicator

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
315	MPAN Cores	1-*	G									
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5

Flow Reference: **D0155**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				1						Contract Reference
				1						Retrieval Method
				1						GSP Group Id
320	Reading Cycle Details	1	If Data Collector flow	G						
					1					Regular Reading Cycle
					O					Required First Scheduled Read Date
316	DC Effective Date	1	If Data Collector flow	G						
					1					Effective from Date {DCA}
317	MOP Effective Date	1	If Meter Operator flow	G						
					1					Effective from Date {MOA}
318	Agreed Service Details	1-*		G						
					1					Service Reference
					1					Service Level Reference
22L	Smart CoS Process	0-1		G						
					1					Smart CoS Process Indicator

Notes:

Required First Scheduled Read Date is an optional field to be used where there is a service level agreement between a Supplier and an Agent which allows the Supplier to specify the Scheduled Read Date.

This flow includes Unmetered Supply Requirements.

Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. Postcode should only be omitted if the Post Office has not generated one for the premises.

The Supplier may use the Smart CoS Process Indicator to request that the NHHDC or NHH MOP should use the Change of Supplier process for smart meters (as introduced by BSC Modification P302). The Smart CoS Process group is optional to allow Suppliers to make alternative bi-lateral arrangements for requesting their agents to use the smart process. For the avoidance of doubt, unless other arrangements have been agreed between a Supplier and their agents, legacy processes will be followed if the Smart CoS Process group is not populated.

Commented [JW85]: Guidance

Commented [JW86]: Guidance

Commented [JW87]: General Address Rule

Commented [JW88]: Obligation /guidance

Flow Reference: D0155**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1370	Meter Details removed from flow.
Version 3.1	1632	Note added re Data Item Required First Scheduled Read Date which has been made optional.
Version 3.1	1632	Retrieval Method, Regular Reading Cycle and Required First Scheduled Read Date moved to L2. Group G0320 moved to below G0315.
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1885	Notes added re unmetered supply.
Version 4	2459	Notes changed.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 5	2986	Flow name and description changed.
Version 7.2	3145	Flow Notes changed.
Version 7.7	3210	Mandatory Data Item GSP Group Id added to Group 315
Version 8.4	3271	Instances of Generator (Scotland) to HHDC and MOP removed
Version 11.6	3471	Addition of Smart CoS Process indicator
Version 12.4	3546	Notes added to Annex C

Flow Reference: D0161**Flow Version: 001****Status:**

Flow Name:	BSP Group Take
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1979	Data Items included. Flow Structure altered.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0162**Flow Version: 001****Status:**

Flow Name:	Transmission Losses Report - Scotland
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1978	Data Items added. Flow Structure amended.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0163**Flow Version: 001****Status:**

Flow Name:	Notification of Commissioning Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1392	Flow Description amended to include 'reconnected or reconfigured'.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.2	2313	All flow occurrences to HHDC removed.
Version 4	2616	Flow deleted from catalogue.

Flow Reference: **D0164**Flow Version: **001**

Status: Operational

Flow Name:	Notification of New or Changed Interruption of Supply	
Flow Description:	Issue new/revised details of planned interruption(s) of supply or of previous/long term interruption(s) of supply caused by distribution network fault(s)..	
Flow Ownership:	MRA	
From	To	Version
Distributor	HHDC	3.0
Distributor	Supplier	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0714	Area Affected by Interruption
J0488	End Date Time
J0686	Estimated End Date Time
J0487	Interruption of Supply Reason Code
J0486	Interruption of Supply Reference
J0617	Interruption of Supply Status Code
J0485	Start Date Time

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
341	Interruption of Supply Information	1-*		G								
					1							Interruption of Supply Status Code
					1							Interruption of Supply Reference
					1							Start Date Time
					1							Interruption of Supply Reason Code
					O							Additional Information
342	End Date Time	1	If End Date Time known	G								
						1						End Date Time
343	Estimated End Date Time	1	If End Date Time unknown	G								
						1						Estimated End Date Time
344	Area(s) Affected	1-*		G								
						1						Area Affected by Interruption

Commented [JW89]: Message Collection Conditional Rule

Commented [JW90]: Message Collection Conditional Rule

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason

Flow Reference: **D0166**Flow Version: **001**

Status: Operational

Flow Name:	Distribution System Enquiry		
Flow Description:	A Supplier sends an enquiry to the SFIC (System Fault Information Centre) of a specified Distributor requesting details or action regarding an outage, safety investigation or voltage complaint..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	SFIC	2.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0028	Date Action Required By
J0688	Date of Enquiry by Customer
J0003	MPAN Core
J0007	Requested Action Code
J0705	Supplier Reference

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
345	Enquiry Details	1-*	G									
					1							MPAN Core
					1							Supplier Reference
					1							Requested Action Code
					1							Date of Enquiry by Customer
					1							Date Action Required By
					1							Additional Information

Notes:	Only requested action codes 14(outage enquiry), 15(safety investigation) and 16(voltage complaint) are valid for this flow. The date specified for 'Date Action Required By' must not be more onerous than specified under relevant statutory obligations or agreements.
---------------	--

Commented [JW91]: Variant Enumeration

Commented [JW92]: Data Item Value Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
---------------------------------------	--------	--

Flow Reference: **D0167**Flow Version: **001**

Status: Operational

Flow Name:	Response to Distribution System Enquiry
Flow Description:	Sent by the SFIC (System Fault Information Centre) of a Distributor in response to an enquiry..
Flow Ownership:	MRA

From	To	Version
SFIC	Supplier	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0014	Date of Action
J0003	MPAN Core
J0705	Supplier Reference

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
346	Enquiry Response Details	1-*		G								
					1							MPAN Core
					1							Supplier Reference
					1							Date of Action
					1							Additional Information

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
--	-----------	--

Flow Reference: **D0168**Flow Version: **001**

Status: Operational

Flow Name:	Request for Additional/New MPAN Core(s)	
Flow Description:	A request for additional MPAN Core(s) or New MPAN Core(s)..	
Flow Ownership:	MRA	
From	To	Version
MOP	Supplier	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0516	Number of MPAN(s) Requested

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
347	Metering Point Address Details	1-*		G								
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9
					O							Metering Point Postcode
					1							Number of MPAN(s) Requested
					O							Additional Information

Notes:	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be
---------------	---

Flow Reference: D0168**Flow Version: 001****Status:** Operational

	constructed from any combination of the Address Line and Postcode items.	
--	--	--

Commented [JW93]: General Address Rule**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2580	Flow description changed.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 7.2	3145	Flow Notes changed.
Version 12.4	3540	Remove Supplier to Distributor instance

Flow Reference: **D0169**Flow Version: **001**

Status: Operational

Flow Name:	Allocation of New/Additional MPAN Core(s)		
Flow Description:	The Distributor sends the requested number of MPAN Cores to the Supplier..		
Flow Ownership:	MRA		
From	To		Version
Supplier	MOP		3.0

Data Items:

Reference	Item Name
J0012	Additional Information
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
348	Metering Point Address Details	1-*		G								
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9
					O							Metering Point Postcode
					O							Additional Information
349	Additional/New MPAN Core(s)	1-*		G								
						1						MPAN Core

Notes:	Metering Point Postcode should only be omitted if the Post Office have not allocated one.
---------------	---

Flow Reference: D0169**Flow Version: 001****Status:** Operational

	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The address will be in Standard Address Format (SAF).
--	--

Commented [JW94]: General Address Rule**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Distributor/Generator (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 12.5	3539	Removed Distributor to Supplier instance

Flow Reference: **D0170**Flow Version: **001**

Status: Operational

Flow Name:	Request for Metering System Related Details
Flow Description:	On appointment or change of agent appointment, metering system related details are requested to be transferred.
Flow Ownership:	MRA

From	To	Version
HHDC	HHDC	2.0
MOP	Distributor	3.2
MOP	MOP	2.0
NHHDC	MOP	4.0
NHHDC	NHHDC	2.0
NHHDC	Supplier	2.0
Supplier	HHDC	2.0
Supplier	MOP	2.0
Supplier	NHHDC	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0028	Date Action Required By
J0003	MPAN Core
J0927	New Data Collector Id
J0926	New Meter Operator Id
J0007	Requested Action Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
350	Request Details	1-*		G								
					1							Date Action Required By
					1							Requested Action Code
					O							Additional Information
					O							New Meter Operator Id
					O							New Data Collector Id
351	MPAN Cores	1-*		G								
					1							MPAN Core

Notes:	See Annex C for Flow Notes
---------------	----------------------------

Flow Reference: D0170**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1457	MOP to New Supplier flow occurrence added.
Version 3.1	1636	MOP to Distributor flow removed.
Version 3.1	1637	Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements.
Version 3.1	1643	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1649	HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.2	2391	Add Flow Occurrence from MOP to Distributor.
Version 4	2391	Flow occurrence from NHHDC to MOP added.
Version 4	2697	All flow occurrences from Distributor (Scotland) and to Distributor (Scotland) removed
Version 4	2747	All flow occurrences to Generator (Scotland) removed
Version 4.1	2890	Flow occurrences from NHHDC to HHDC, from HHDC to Supplier and from MOP to Supplier removed
Version 5	3005	Flow occurrence from HHDC to NHHDC removed
Version 5.1	3048	Notes added
Version 7	3104	Effective from Settlement Date {DAA} removed from the Notes
Version 8.3	3266	Notes added on completion of "Date Action Required By" when NHHDC sends to Supplier with "Requested Action Code" set to '22'
Version 8.4	3271	Instances of Generator (Scotland) to HHDC and MOP removed
Version 11.6	3474	Notes amended.

Flow Reference: **D0171**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Distributor Changes to Metering Point Details	
Flow Description:	MPAS passes the current Supplier and any Supplier having a pending registration information regarding changes to the metering point details made by the Distributor..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	2.0

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0473	Disconnection Date
J0306	Effective from Settlement Date {MSGG}
J0658	Effective from Settlement Date {MSLLFC}
J0330	File Sequence Number
J0066	GSP Group Id
J0109	Instruction Number
J0723	Instruction Type
J0147	Line Loss Factor Class Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
748	File Sequence Number	1		G								File Sequence Number
352	Metering Point Change Data	1-*		G								Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
353	Disconnection Date	1	If change is a disconnection			G						Disconnection Date
354	Details of MP Changes	1	If change is not a disconnection			G						Line Loss Factor Class Id
						O						Effective from Settlement Date {MSLLFC}
						O						GSP Group Id

Commented [JW95]: Message Collection Conditional Rule

Commented [JW96]: Message Collection Conditional Rule

Flow Reference: **D0171**Flow Version: **001**

Status: Operational

							O				Effective from Settlement Date {MSGG}
							O				Metering Point Address Line 1
							O				Metering Point Address Line 2
							O				Metering Point Address Line 3
							O				Metering Point Address Line 4
							O				Metering Point Address Line 5
							O				Metering Point Address Line 6
							O				Metering Point Address Line 7
							O				Metering Point Address Line 8
							O				Metering Point Address Line 9
							O				Metering Point Postcode
							N				Metering Point Unique Property Reference Number (UPRN)

Notes:	<p>Each optional data item becomes mandatory if there has been a change to that individual item.</p> <p>Though each address line in this flow is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF).</p>
---------------	---

Commented [JW97]: Guidance / or process obligation

Commented [JW98]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1138	'Date of Disconnection' has been replaced by 'Disconnection Date'.
Version 3.1	1417	Data Item 'Effective from Settlement Date {REGI} for Existing Supplier' removed as it is not relevant to Distributor owned data.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1553	Sub-Groups removed per MPRS design specifications.
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1981	Notes amended to maintain clarity and consistency.
Version 3.101	2108	Notes added to clarify address format.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 10.7	3362	Data Item 'Metering Point Unique Property Reference Number (UPRN)' added under Group 354 to support the extended 'Smart' MPAD.
Version 11.6	3486	Data Item J1840 nullified

Flow Reference: **D0172**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of Changes		
Flow Description:	Flows received, accepted and/or rejected by MPAS, providing a summary of activity and the result of processing..		
Flow Ownership:	MRA		
From	To	Version	
MPAS	DCC	10.7	
MPAS	Supplier	2.0	

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J1064	File Identifier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0523	Instructions Accepted by MPAS
J0522	Instructions Received by MPAS
J0524	Instructions Rejected by MPAS

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
749	File Sequence Number	1		G								
					1							File Sequence Number
357	Summary of Activity and Result of Processing	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						Deemed Received Date
						1						File Identifier
						1						Instructions Received by MPAS
						1						Instructions Accepted by MPAS
						1						Instructions Rejected by MPAS

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 4	2641	Data Item 'Import File Identity' replaced by 'File Identifier' in group 357.
Version 10.7	3362	New Instance added to support the extended 'Smart' MPAD.

Flow Reference: **D0173**Flow Version: **001**

Status: Operational

Flow Name:	Token Transaction Data	
Flow Description:	Notification of token sales..	
Flow Ownership:	MRA	
From	To	Version
PPMIP	Supplier	2.0

Data Items:

Reference	Item Name
J0526	Customer Payment Amount
J0527	Customer Payment Date
J0528	Customer Payment Time
J0534	Method of Payment
J0003	MPAN Core
J0525	PAN Number
J0529	Payment Location
J0532	Polling Date
J0533	Source of Transaction
J0530	Terminal Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
358	PANs Against Which Payments Made	1-*		G								
					1							PAN Number
					1							Customer Payment Amount
					1							Customer Payment Date
					O							Customer Payment Time
					1							Payment Location
					O							Terminal Transaction Number
					O							Polling Date
					O							Source of Transaction
					O							Method of Payment
					O							MPAN Core

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2498	Data Item 'Terminal Transaction Number' made optional.
Version 8.1	3231	Data item 'MPAN Core' added as an optional field.

Flow Reference: **D0174**Flow Version: **001**

Status: Operational

Flow Name:	Issue Identity Card for Token Meter Customer	
Flow Description:	Details are being provided to allow issue of a customer identity card..	
Flow Ownership:	MRA	
From	To	Version
Supplier	PPMIP	2.0

Data Items:

Reference	Item Name
J0375	Customer Name
J1701	Database Update Only
J0049	Effective from Settlement Date {REGI}
J0536	Embossed Area Data
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0525	PAN Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
359	Customer Details	1-*		G								
					1							MPAN Core
					1							PAN Number
					1							Customer Name
					O							Mailing Address Line 1
					O							Mailing Address Line 2
					O							Mailing Address Line 3
					O							Mailing Address Line 4
					O							Mailing Address Line 5
					O							Mailing Address Line 6
					O							Mailing Address Line 7
					O							Mailing Address Line 8
					O							Mailing Address Line 9

Flow Reference: **D0174**Flow Version: **001**

Status: Operational

				O						Mailing Address Postcode
				1						Embossed Area Data
				O						Metering Point Address Line 1
				O						Metering Point Address Line 2
				O						Metering Point Address Line 3
				O						Metering Point Address Line 4
				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				1						Effective from Settlement Date (REGI)
				1						Database Update Only

Notes:	This flow may also be used as a PPMIP database update facility.
	The usage of address in this flow is optional, however if an address is to be sent, all known lines must be sent.
	Where flow is being sent for a CoS event, then EfSD{REGI} should be populated with the Supplier Start Date for that registration as confirmed by MPAS.
	Where flow is being sent for a CoT event, then EfSD{REGI} should be populated with the date that new tenant takes over that property as detailed within relevant Supplier system.

Commented [JW99]: Guidance

Commented [JW100]: General Address Rule / added condition that not mandatory

Commented [JW101]: Data Item Value Rule

Commented [JW102]: Data item Value Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	2050	Flow occurrences from Supplier to MOP and PPMIP to MOP added as both required.
Version 3.101	2108	Notes added to clarify address format.
Version 5.1	3037	Flow occurrences from PPMIP to MOP and Supplier to MOP removed.
Version 8.1	3203	MPAN Core added for misdirected payments issues.
Version 8.1	3231	Data item 'Effective from Settlement Date (REGI)' added as a mandatory field.
Version 8.1	3242	New data item and flow notes added for PPMIP to determine flow context.
Version 8.1	3244	New notes added to flow.

Flow Reference: D0175**Flow Version: 001****Status:**

Flow Name:	Token Meter Readings
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1255	Flow type changed from Electronic to Electronic/Manual.
Version 4	2833	Flow deleted from catalogue.

Flow Reference: **D0176**Flow Version: **001**

Status: Operational

Flow Name:	Request Tariff/Debt Change on Token Meter		
Flow Description:	Request is being made and information provided to carry out a tariff change or change debt/debt recovery charges..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	MOP	3.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0489	Contact Name
J0547	Debt Recovery Rate
J0292	Earliest Appointment Time
J0549	Emergency Credit Override
J0293	Latest Appointment Time
J0004	Meter Id (Serial Number)
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0173	Reason for Request
J0275	Service Level Reference
J0274	Service Reference
J0548	Standing Charge Override
J0685	Tariff Code
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
363	Meter Detail per MPAN Core	1-*		G								
					1							MPAN Core
					1							Contact Name
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6

Flow Reference: **D0176**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				1						Reason for Request
				O						Appointment Date
				O						Earliest Appointment Time
				O						Latest Appointment Time
				O						Additional Information
				1						Tariff Code
364	Meters	1-*		G						
					1					Meter Id (Serial Number)
					1					Service Reference
					1					Service Level Reference
					O					Total Debt
					O					Debt Recovery Rate
					O					Standing Charge Override
					O					Emergency Credit Override

Notes:	<p>Standard tariff details will be contained within the Service Level Agreements between respective parties.</p> <p>Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.</p>
---------------	--

Commented [JW103]: Guidance

Commented [JW104]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1395	Supplier to NHDC flow deleted.
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4	2796	Data Item 'Tariff Code' added to group 363 as mandatory.
Version 7.2	3145	Flow Notes changed.

Flow Reference: **D0178**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of Token Meter Installation		
Flow Description:	Confirmation of token meter installation is being given with details of the meter and settings..		
Flow Ownership:	MRA		
From	To	Version	
MOP	Supplier	2.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0375	Customer Name
J0848	Date of Meter Installation
J0547	Debt Recovery Rate
J0556	Emergency Credit
J0080	Energisation Status
J0557	Initial Credit
J0410	Manufacturers Make & Type
J0501	Meter Current Rating
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0010	Meter Register Id
J0474	Meter Register Type
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0427	Number of Phases
J0478	Number of Register Digits
J0040	Register Reading
J0275	Service Level Reference
J0274	Service Reference
J0543	Standing Charge
J0443	Supply Voltage
J0685	Tariff Code
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
365	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Energisation Status
					O							Customer Name
					O							Metering Point Address Line 1

Flow Reference: **D0178**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 2
				O						Metering Point Address Line 3
				O						Metering Point Address Line 4
				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Additional Information
				1						Tariff Code
366	Meter Details per MPAN Core	1-*		G						
				1						Meter Id (Serial Number)
				1						Meter Location
				1						Manufacturers Make & Type
				1						Meter Current Rating
				1						Supply Voltage
				1						Number of Phases
				1						Date of Meter Installation
				1						Service Reference
				1						Service Level Reference
				1						Total Debt
				1						Debt Recovery Rate
				O						Emergency Credit
				O						Standing Charge
				1						Initial Credit
367	Register Details per Meter	1-*		G						
				1						Meter Register Id
				1						Meter Register Type
				1						Number of Register Digits
				1						Register Reading

Notes:

Standard tariff details will be contained within Service Level Agreements between the parties. Emergency Credit and Fixed Charge values will only be given when an override has been applied.

Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Commented [JW105]: Guidance

Commented [JW106]: General Address Rule

Flow Reference: D0178**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	2048	Energisation Status added to flow.
Version 4	2202	Data Item 'Connection Date' replaced by 'Date of Meter Installation'.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 4	2796	Data Item 'Tariff Code' added to group 365 as mandatory.
Version 7.2	3145	Flow Notes changed.

Flow Reference: **D0179**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of Energisation/De-Energisation of Prepayment Meter	
Flow Description:	Confirmation is being given that the energisation status of a prepayment meter has been changed and readings and settings are being provided..	
Flow Ownership:	MRA	
From	To	Version
Distributor	Supplier	4.1
MOP	Supplier	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0537	Credit Balance
J0014	Date of Action
J0547	Debt Recovery Rate
J0545	Emergency Credit Status
J0080	Energisation Status
J0691	Failure Reason Code
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J1022	Prepayment Meter Shutdown Status
J0542	Prepayment Unit Rate
J0173	Reason for Request
J0040	Register Reading
J0024	Site Visit Check Code
J0543	Standing Charge
J0685	Tariff Code
J0539	Total Credit Accepted
J0544	Total Debt Outstanding
J0540	Total Tokens Inserted

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
368	MPAN Cores	1-*		G								
					I							MPAN Core
					O							Site Visit Check Code
					O							Additional Information
					O							Failure Reason Code
					O							Tariff Code
369	Meters Details per MPAN Core	1-*		G								
						I						Meter Id (Serial Number)
						I						Energisation Status
						I						Prepayment Meter Shutdown Status
						I						Reason for Request
						I						Date of Action
						I						Credit Balance
						O						Total Credit Accepted

Flow Reference: **D0179**Flow Version: **001**

Status: Operational

					O					Total Tokens Inserted
					O					Emergency Credit Status
					O					Total Debt Outstanding
					O					Debt Recovery Rate
					1					Standing Charge
370	Register Detail per Meter	1-*			G					
						1				Meter Register Id
						1				Register Reading
						1				Prepayment Unit Rate

Notes:	Though Tariff Code is defined within the structure as being optional it should be included in the Flow when the change of energisation status relates to either a Token Meter or Smart Card Meter.
---------------	--

Commented [JW107]: Data Item Requirement Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1969	New data item added to flow.
Version 4	2418	Flow occurrence from Distributor to MOP added.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 4	2796	Data Item 'Tariff Code' added to group 368 as mandatory.
Version 4	2830	Data Item 'Failure Reason Code' added to group 368.
Version 4.1	2891	Flow occurrence from Distributor to MOP removed and flow occurrence from Distributor to Supplier added.
Version 5	3002	Data Item 'Tariff Code' made optional in Group 368 and Notes added.

Flow Reference: **D0180**Flow Version: **001**

Status: Operational

Flow Name:	Request to Energise/De-Energise/Shut Down Prepayment Meter	
Flow Description:	A request is being made to energise or de-energise a meter or shut down a key, Token Meter or Smart Card meter..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0489	Contact Name
J0547	Debt Recovery Rate
J0292	Earliest Appointment Time
J0549	Emergency Credit Override
J0080	Energisation Status
J0293	Latest Appointment Time
J0004	Meter Id (Serial Number)
J0003	MPAN Core
J1021	Prepayment Meter Shutdown Requested
J0673	Requested Energisation Status
J0275	Service Level Reference
J0274	Service Reference
J0548	Standing Charge Override
J0685	Tariff Code
J0591	Tariff Setting
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
371	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Contact Name
					O							Energisation Status
					1							Requested Energisation Status
					O							Prepayment Meter Shutdown Requested
					O							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
					O							Additional Information
					O							Tariff Code
372	Meter Detail per MPAN Core	0-*		G								
					1							Meter Id (Serial Number)
					O							Tariff Setting
					O							Service Reference
					O							Service Level Reference
					O							Total Debt

Flow Reference: **D0180**Flow Version: **001**

Status: Operational

					O					Debt Recovery Rate
					O					Standing Charge Override
					O					Emergency Credit Override

Notes:	Where energisation is being requested details of the tariffs to be applied plus any debt and override values will be provided.
--------	--

Commented [JW108]: Data Item Requirement Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Distributor/Generator (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1970	Amended title and new data item added.
Version 4	2470	Flow description changed.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4	2796	Data Item 'Tariff Code' added to group 371.
Version 4	2830	Data Item 'Tariff Setting' added to group 372.
Version 4.2	2933	Data Items 'Tariff Code' and 'Tariff Settings' made optional in Groups 371 and 372.

Flow Reference: D0181**Flow Version: 001****Status:**

Flow Name:	Smart Card Credit Purchase Transactions
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.1	3231	Data item 'MPAN Core' and 'Meter ID' (Serial number) added as optional fields.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0182**Flow Version: 001****Status:**

Flow Name:	Smart Card Meter Readings
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1660	Meter Reading Source removed as not required in flow.
Version 8.1	3231	Data item 'MPAN Core' added as an optional field in group 374.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0183**Flow Version: 001****Status:**

Flow Name:	Issue New Customer Smart Card
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 5.1	3037	Flow occurrence from PPMIP to MOP removed.
Version 7.2	3145	Flow Notes changed.
Version 8.1	3231	Data item 'Effective from Settlement Date' (REGI) 'added as a mandatory field.
Version 8.1	3240	New data item and flow notes added for PPMIP to determine flow context.
Version 8.1	3244	Notes added to flow.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0184**Flow Version: 001****Status:**

Flow Name:	Issue Replacement Smart Card
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 5.1	3037	Flow occurrence from PPMIP to MOP removed.
Version 7.2	3145	Flow Notes changed.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0185**Flow Version: 001****Status:**

Flow Name:	Command Acknowledgements for Smart Card Meter
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1218	Smart Card Number added as considered mandatory.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0186**Flow Version: 001****Status:**

Flow Name:	Command Cancellation Advice
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0187**Flow Version: 001****Status:**

Flow Name:	Status Message for Tariff Update, Mode Change, Tariff Change or Debt Clearance
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: **D0188**Flow Version: **001**

Status: Operational

Flow Name:	Key Transaction Details		
Flow Description:	Notification of details relating to key charging transactions..		
Flow Ownership:	MRA		
From	To		Version
PPMIP	Supplier		2.0

Data Items:

Reference	Item Name
J0584	Active Credit on Key
J0537	Credit Balance
J0526	Customer Payment Amount
J0527	Customer Payment Date
J0547	Debt Recovery Rate
J0583	Key Charging Machine Number
J0586	Key Date Stamp
J0585	Key Debt
J0582	Key Meter Supplier/Customer Id
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J0542	Prepayment Unit Rate
J0016	Reading Date & Time
J0040	Register Reading
J0543	Standing Charge
J0530	Terminal Transaction Number
J0539	Total Credit Accepted

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
386	Customer Payment Details	1-*		G								
					1							Key Meter Supplier/Customer Id
					1							Key Charging Machine Number
					1							Terminal Transaction Number
					1							Customer Payment Date
					1							Customer Payment Amount
					1							Meter Id (Serial Number)
					1							Standing Charge
					1							Debt Recovery Rate
					1							Active Credit on Key
					1							Key Debt
					1							Key Date Stamp
					1							Reading Date & Time
					1							Total Credit Accepted
					1							Credit Balance
					O							MPAN Core
387	Meter Register Detail per Meter	1-*		G								
						1						Meter Register Id

Flow Reference: **D0188**Flow Version: **001**

Status: Operational

					1					Register Reading
					1					Prepayment Unit Rate

Notes:	For the data items outlined below, default values should be inputted for new meters on the initial population of the data flow:									
	Ref	Default Value								
	J0537	0.00								
	J0010	'00'								
	J0016	19500101000000								
	J0040	0.0								
	J0539	0.00								

Commented [JW109]: Data Item Value Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.1	3114	Notes added
Version 8.1	3231	Data item 'MPAN Core' added as an optional field in group 386.

Flow Reference: **D0189**Flow Version: **001**

Status: Operational

Flow Name:	Adjust Key Meter Debt/Recovery Rate at Specific Locations	
Flow Description:	An instruction to place new total debt and debt recovery on a number of selected payment terminals for pick up by specified meter..	
Flow Ownership:	MRA	
From	To	Version
Supplier	PPMIP	2.0

Data Items:

Reference	Item Name
J0389	Customer Reference Number
J0547	Debt Recovery Rate
J0583	Key Charging Machine Number
J0004	Meter Id (Serial Number)
J0084	Supplier Id
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
388	Customer Details	1-*		G								
					1							Supplier Id
					1							Customer Reference Number
					1							Meter Id (Serial Number)
					1							Total Debt
					1							Debt Recovery Rate
389	Charging Machine Details	0-*		G								
						1						Key Charging Machine Number

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2932	Range of Group 389 changed from 1-*

Flow Reference: **D0190**Flow Version: **001**

Status: Operational

Flow Name:	Issue Customer Key	
Flow Description:	Details are being provided to allow the issue of a customer key..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	3.0
Supplier	PPMIP	2.0

Data Items:

Reference	Item Name
J0375	Customer Name
J0389	Customer Reference Number
J0547	Debt Recovery Rate
J0049	Effective from Settlement Date {REGI}
J0556	Emergency Credit
J0588	Initial Key Credit
J1285	Key Infrastructure Supplier Id
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode
J0565	Mailing Name
J0004	Meter Id (Serial Number)
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0590	Reason Code
J0591	Tariff Setting
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
390	Customer Key Details	1-*		G								
					O							Meter Id (Serial Number)
					1							Key Infrastructure Supplier Id
					1							Customer Reference Number

Flow Reference: **D0190**Flow Version: **001**

Status: Operational

				1						Tariff Setting
				1						Emergency Credit
				1						Total Debt
				1						Debt Recovery Rate
				1						Initial Key Credit
				1						Reason Code
				1						Effective from Settlement Date {REGI}
				1						Customer Name
				O						Metering Point Address Line 1
				O						Metering Point Address Line 2
				O						Metering Point Address Line 3
				O						Metering Point Address Line 4
				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Mailing Name
				O						Mailing Address Line 1
				O						Mailing Address Line 2
				O						Mailing Address Line 3
				O						Mailing Address Line 4
				O						Mailing Address Line 5
				O						Mailing Address Line 6
				O						Mailing Address Line 7
				O						Mailing Address Line 8
				O						Mailing Address Line 9
				O						Mailing Address Postcode
				1						MPAN Core

Notes:

Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Where flow is being sent for a CoS event, then EfSD{REGI} should be populated with the Supplier Start Date for that registration as confirmed by MPAS.

Where flow is being sent for a CoM event, then EfSD{REGI} should be populated with date of meter installation (J0848) taken from relevant D0193 or D0150.

Where flow is being sent for a CoT event, then EfSD{REGI} should be populated

Commented [JW110]: General Address Rule

Commented [JW111]: Data Item Value Rule

Commented [JW112]: Data Item Value Rule

Flow Reference: D0190**Flow Version: 001****Status:** Operational

	with the date that new tenant takes over that property as detailed within relevant Supplier system.
--	---

Commented [JW113]: Data Item Value Rule**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1870	Description changed and flow PPMIP to Supplier added.
Version 4	2450	Flow Description changed.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2721	Data item 'Supplier Id' replaced by 'Key Infrastructure Supplier Id' in group 390.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4.1	2892	Flow occurrence from PPMIP to Supplier removed.
Version 4.2	2921	Data Item 'Meter Id (Serial Number)' made optional in Group 390.
Version 4.2	2931	Data Item 'MPAN Core' added to Group 390.
Version 5.1	3037	Flow occurrence from PPMIP to MOP removed.
Version 7.2	3145	Flow Notes changed.
Version 8.1	3203	MPAN Core made mandatory for misdirected payments issues.
Version 8.1	3231	Data item 'Effective from Settlement Date' (REGI) to be mandatory.
Version 8.1	3244	New notes added to the flow.

Flow Reference: **D0191**Flow Version: **001**

Status: Operational

Flow Name:	Request Special Visit to Read/Reset Key Meter
Flow Description:	A request is being made for a non-routine visit to a specified customer to read the key meter and/or adjust the settings..
Flow Ownership:	MRA

From	To	Version
Supplier	MOP	3.0

Data Items:

Reference	Item Name
J0174	Appointment Date
J0489	Contact Name
J0547	Debt Recovery Rate
J0292	Earliest Appointment Time
J0556	Emergency Credit
J0293	Latest Appointment Time
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0003	MPAN Core
J0173	Reason for Request
J0591	Tariff Setting
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
391	Customer Details	1-*		G								
					1							MPAN Core
					1							Contact Name
					1							Reason for Request
					O							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
					1							Meter Id (Serial Number)
					1							Meter Location
					O							Tariff Setting
					O							Total Debt
					O							Debt Recovery Rate
					O							Emergency Credit

Notes:	Where 'Reason for Request' is 'Read Meter Only' meter setting details will not be provided.
--------	---

Commented [JW114]: Data Item Conditional Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4	2832	Flow occurrence from Supplier to NHHDC removed.
Version 4.1	2893	Flow occurrence from Supplier to PPMIP removed.

Flow Reference: **D0192**Flow Version: **001**

Status: Operational

Flow Name:	Readings and Settings from a Token or Key Meter		
Flow Description:	Readings and settings from a token or key meter are being provided in response to a request for a special visit or following removal, de-energisation or shutdown of a token or key meter..		
Flow Ownership:	MRA		
From	To	Version	
MOP	Supplier	2.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0022	BSC Validation Status
J0537	Credit Balance
J0547	Debt Recovery Rate
J0545	Emergency Credit Status
J0080	Energisation Status
J0004	Meter Id (Serial Number)
J0045	Meter Reading Flag
J0010	Meter Register Id
J0003	MPAN Core
J0542	Prepayment Unit Rate
J0016	Reading Date & Time
J0171	Reading Type
J0040	Register Reading
J0024	Site Visit Check Code
J0543	Standing Charge
J0539	Total Credit Accepted
J0544	Total Debt Outstanding
J0540	Total Tokens Inserted

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
392	Customer Details	1-*		G								
					1							MPAN Core
					1							Meter Reading Flag
					1							BSC Validation Status
22B	Site Visit Information	0-*		G								
					1							Site Visit Check Code
					O							Additional Information
393	Meter Details	1-*		G								
					1							Meter Id (Serial Number)
					1							Energisation Status
					1							Credit Balance
					1							Standing Charge
					1							Total Credit Accepted
					1							Total Debt Outstanding
					1							Debt Recovery Rate
					O							Emergency Credit Status
					O							Total Tokens Inserted
23B	Site Visit Information	0-*		G								

Flow Reference: D0192**Flow Version: 001****Status:** Operational

						1				Site Visit Check Code
						O				Additional Information
394	Meter Register Detail per Meter	1-*				G				
						1				Meter Register Id
						1				Reading Date & Time
						1				Reading Type
						1				Register Reading
						1				Prepayment Unit Rate
24B	Site Visit Information	0-*				G				
							1			Site Visit Check Code
							O			Additional Information

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 4	2797	Three new 'Site Visit Information' groups created and Data Items 'Emergency Credit Status' and 'Total Tokens Inserted' added to group 393. Flow name and description changed.
Version 4	2834	Flow occurrence from NHHDC to Supplier removed.

Flow Reference: **D0193**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of Key Meter Installation	
Flow Description:	Confirmation of key meter installation is being given with details of the meter and settings..	
Flow Ownership:	MRA	
From	To	Version
MOP	Supplier	2.0

Data Items:

Reference	Item Name
J0375	Customer Name
J0848	Date of Meter Installation
J0547	Debt Recovery Rate
J0556	Emergency Credit
J0080	Energisation Status
J0557	Initial Credit
J0410	Manufacturers Make & Type
J0501	Meter Current Rating
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0010	Meter Register Id
J0474	Meter Register Type
J0003	MPAN Core
J0478	Number of Register Digits
J0542	Prepayment Unit Rate
J0040	Register Reading
J0543	Standing Charge
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
395	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Energisation Status
					O							Customer Name
396	Meter Details	1-*		G								
					1							Meter Id (Serial Number)
					1							Meter Location
					1							Manufacturers Make & Type
					1							Meter Current Rating
					1							Total Debt
					1							Debt Recovery Rate
					1							Date of Meter Installation
					1							Emergency Credit
					1							Initial Credit
					1							Standing Charge
397	Meter Register Detail per Meter	1-*			G							
						1						Meter Register Id
						1						Meter Register Type
						1						Number of Register Digits
						1						Register Reading

Flow Reference: D0193**Flow Version: 001****Status:** Operational

						1				Prepayment Unit Rate
--	--	--	--	--	--	---	--	--	--	----------------------

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1369	'Meter Location' moved from MPAN Core level to Meter Detail level.
Version 3.1	1645	MOP to Distributor/Generator (Scotland) included to cover the Scottish Market requirements.
Version 3.1	2048	Energisation Status added to flow.
Version 4	2203	Data item 'Connection Date' replaced by 'Date of Meter Installation'.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	All flow occurrences to Generator (Scotland) removed.

Flow Reference: **D0194**Flow Version: **001**

Status: Operational

Flow Name:	Request for Installation of Key Meter	
Flow Description:	Request is being made and information provided to allow installation of key meter..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0489	Contact Name
J0547	Debt Recovery Rate
J0292	Earliest Appointment Time
J0293	Latest Appointment Time
J0003	MPAN Core
J0673	Requested Energisation Status
J0275	Service Level Reference
J0274	Service Reference
J0591	Tariff Setting
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
398	MPAN Cores	1..*		G								
					1							MPAN Core
					1							Contact Name
					1							Service Reference
					1							Service Level Reference
					O							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
					O							Total Debt
					O							Debt Recovery Rate
					O							Tariff Setting
					1							Requested Energisation Status
					O							Additional Information

Notes:	
---------------	--

Flow Reference: D0194**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1384	Site Contact Name added to give consistency with other flows.
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4	2796	Data Item 'Requested Energisation Status' added to group 398 as mandatory.
Version 4	2829	Data Item 'Tariff Setting' added to group 398.
Version 9.8	3312	Data Item 'Additional Information' added to group 398 as optional.

Flow Reference: D0197**Flow Version: 001****Status:**

Flow Name:	Smart Card Commands to Remote Terminals
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0199**Flow Version: 001****Status:**

Flow Name:	Status Message Report for Previous Card/Security Event Report or Previous Customer/Requested Snapshot
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1989	The reading details have merged with the customer details as a separate group is not required.
Version 3.102	2105	'Meter Register Id' and 'Register Reading' moved to a new optional repeating group to allow for multi-register meters. Group 418 renamed.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0200**Flow Version: 001****Status:**

Flow Name:	Request Installation of Smart Card Meter
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4	2796	Data Item 'Requested Energisation Status' added to group 424 as mandatory.
Version 7.2	3145	Flow Notes changed.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: D0201**Flow Version: 001****Status:**

Flow Name:	Confirmation of Smart Card Meter Installation
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	552	Data Protection Flag set to NO as no customer data is involved in the flow.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	2048	Energisation Status added to flow.
Version 4	2204	Data item 'Connection Date' replaced by 'Date of Meter Installation'.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.
Version 12.6	3562	Redundant Prepayment flow deleted

Flow Reference: **D0202**Flow Version: **001**

Status: Operational

Flow Name:	Readings and Settings from a Removed Smart Card Meter	
Flow Description:	Readings and settings are being provided for a Smart Card meter which has been removed from the system or de-energised..	
Flow Ownership:	MRA	
From	To	Version
MOP	Supplier	2.0

Data Items:

Reference	Item Name
J0537	Credit Balance
J0559	Customer Descriptor
J0014	Date of Action
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0003	MPAN Core
J0171	Reading Type
J0040	Register Reading

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
427	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Customer Descriptor
					1							Date of Action
					1							Reading Type
428	Meter Detail per MPAN Core	1-*		G								
					1							Meter Id (Serial Number)
					1							Credit Balance
429	Meter Register Detail per Meter	1-*				G						
						1						Meter Register Id
						1						Register Reading

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1644	MOP to NHHDC flow deleted. Covered by D0010.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.

Flow Reference: **D0203**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Changes to Metering Point Details		
Flow Description:	Used to reject invalid changes to meter point details and invalid changes to appointment details..		
Flow Ownership:	MRA		
From	To		Version
MPAS	Supplier		2.0

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J0821	Deemed Received Date
J0219	Effective from Date {DCA}
J1836	Effective from Date {IHDI}
J0210	Effective from Date {MOA}
J1838	Effective from Date {SMSO}
J0334	Effective from Settlement Date {DAA}
J0297	Effective from Settlement Date {MSES}
J0307	Effective from Settlement Date {MSMC}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0080	Energisation Status
J0330	File Sequence Number
J1835	In Home Display (IHD) Install Status
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0301	Meter Timeswitch Code Effective from Date
J0003	MPAN Core
J0071	Profile Class Id
J0107	Rejection Reason Code
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
750	File Sequence Number	1		G								File Sequence Number
430	Rejection Details	1..*		G								Instruction Number
						1						Instruction Type
						1						Incoming Instruction Number

Flow Reference: **D0203**Flow Version: **001**

Status: Operational

					O					MPAN Core
					I					Deemed Received Date
					O					Effective from Settlement Date {REGI}
					O					Energisation Status
					O					Effective from Settlement Date {MSES}
					O					Measurement Class Id
					O					Effective from Settlement Date {MSMC}
					O					Meter Timeswitch Code
					O					Meter Timeswitch Code Effective from Date
					O					Profile Class Id
					O					Effective from Settlement Date {MSPC}
					O					Standard Settlement Configuration Id
					O					Effective from Settlement Date {SCON}
					O					Data Aggregator Id
					O					Data Aggregation Type
					O					Effective from Settlement Date {DAA}
					O					Data Collector Id
					O					Data Collector Type
					O					Effective from Date {DCA}
					O					Meter Operator Id
					O					Meter Operator Type
					O					Effective from Date {MOA}
					O					SMETS Version
					O					Smart Metering System Operator Id
					O					Effective from Date {SMSO}
					O					In Home Display (IHD) Install Status
					O					Effective from Date {IHDI}
439	Rejection Reason(s)	1-*			G					
						1				Rejection Reason Code

Notes: Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file. For more details of the reason for the rejection see the latest version of the MPAS Validation Procedures as defined in MRA Schedule 14.

Commented [JW115]: Data Item Value Rule

Commented [JW116]: MPAS Validation procedures are outstanding

Flow Reference: D0203**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1559	Sub-Groups removed per MPRS design specifications.
Version 3.1	1581	Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow.
Version 3.1	1981	Notes amended for clarity and consistency.
Version 3.102	2122	Notes altered for clarity.
Version 9.2	3293	Notes added to give guidance to Suppliers when processing the Flow
Version 10.7	3362	New Data Items added to support the extended 'Smart' MPAD.

Flow Reference: D0204**Flow Version: 001****Status:**

Flow Name:	Selective or Full Refresh of MPAS Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1337	Structure changed to enable a single instruction type to cover many MPANs, as for Data Aggregator refresh in D0211. Flow made both Electronic and Manual. Title changed.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1668	Description of Group G0441 changed and Data Item 'Deemed Received Date' added to Group. This data item is required because it was previously notified to the Supplier as confirmation of the registration.
Version 3.1	1693	Range for Group G0451 changed to 1-*. GSP Id is mandatory, therefore at least one will be provided.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1981	Notes added for clarity and consistency.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 7.9	3229	Notes Amended
Version 10.7	3362	New Data Items added and Notes updated to support the extended 'Smart' MPAD.
Version 10.7	3378	Items from Smart MPAD group removed from flow and data items it contained redistributed into the following new groups: "DCC Service Flag", "SMETS Version", "SMSO ID" and "IHD Install Status"
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: D0204**Flow Version: 002****Status:** Operational

Flow Name:	Selective or Full Refresh of MPAS Details	
Flow Description:	The set of data sent to a Supplier following a request for refresh of the details held within MPAS..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	12.5

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J1833	DCC Service Flag
J0821	Deemed Received Date
J0189	Distributor Id
J0219	Effective from Date {DCA}
J1834	Effective from Date {DCCF}
J1836	Effective from Date {IHDI}
J0210	Effective from Date {MOA}
J1838	Effective from Date {MSO}
J0334	Effective from Settlement Date {DAA}
J0297	Effective from Settlement Date {MSES}
J0306	Effective from Settlement Date {MSGG}
J0658	Effective from Settlement Date {MSLLFC}
J0307	Effective from Settlement Date {MSMC}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0117	Effective to Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J0066	GSP Group Id
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0147	Line Loss Factor Class Id
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0301	Meter Timeswitch Code Effective from Date
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9

Flow Reference: **D0204**Flow Version: **002**

Status: Operational

Reference	Item Name
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J2243	Primary MPAN
J0071	Profile Class Id
J0031	Registration Transaction Number
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
751	File Sequence Number	1		G								
					1							File Sequence Number
763	Instruction Details	1-*		G								
						1						Instruction Number
						1						Instruction Type
440	Current MPAS Details	1-*			G							
						1						MPAN Core
						O						Metering Point Address Line 1
						O						Metering Point Address Line 2
						O						Metering Point Address Line 3
						O						Metering Point Address Line 4
						O						Metering Point Address Line 5
						O						Metering Point Address Line 6
						O						Metering Point Address Line 7
						O						Metering Point Address Line 8
						O						Metering Point Address Line 9
						O						Metering Point Postcode
						N						Metering Point Unique Property Reference Number (UPRN)
451	GSP Group Settlement Date Detail	1-*				G						
							1					GSP Group Id
							1					Effective from Settlement Date {MSGG}
450	Line Loss Factor Class/Date Detail	0-*				G						
							1					Line Loss Factor Class Id
							1					Distributor Id
							1					Effective from Settlement Date {MSLLFC}

Status: Operational

27 February 2020

Flow Reference: **D0204**Flow Version: **002**

Status: Operational

								O			Smart Metering System Operator Id
								O			Effective from Date {SMSO}
93H	IHD Install Status	0-*					G				
								O			In Home Display (IHD) Install Status
								O			Effective from Date {IHDI}
47M	Related Status	1-*					G				
								I			Related MPAN Indicator
48M	Related MPANs	1-*	If Related MPAN Indicator equals Y				G				
								1			Primary MPAN
								1			Secondary MPAN

Commented [JW117]: Message Collection Conditional Rule

Notes:	<p>Sub-Groups are retained for Objection Registration and Objection Removal to attach meaning to the data item "Deemed Received Date" held in these groups.</p> <p>Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF). Metering Point Postcode should only be omitted if the Post Office have not allocated one.</p>
---------------	--

Commented [JW118]: Guidance

Commented [JW119]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1337	Structure changed to enable a single instruction type to cover many MPANs, as for Data Aggregator refresh in D0211. Flow made both Electronic and Manual. Title changed.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1668	Description of Group G0441 changed and Data Item 'Deemed Received Date' added to Group. This data item is required because it was previously notified to the Supplier as confirmation of the registration.
Version 3.1	1693	Range for Group G0451 changed to 1-*. GSP Id is mandatory, therefore at least one will be provided.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1981	Notes added for clarity and consistency.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 7.9	3229	Notes Amended
Version 10.7	3362	New Data Items added and Notes updated to support the extended 'Smart' MPAD.
Version 10.7	3378	Items from Smart MPAD group removed from flow and data items it contained redistributed into the following new groups: "DCC Service Flag", "SMETS Version", "SMSO ID" and "IHD Install Status"
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0205**Flow Version: **001**

Status: Operational

Flow Name:	Update Registration Details		
Flow Description:	A Supplier initiated update of registration details..		
Flow Ownership:	MRA		
From	To		Version
Supplier	MPAS		2.0

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J0219	Effective from Date {DCA}
J1836	Effective from Date {IHDI}
J0210	Effective from Date {MOA}
J1838	Effective from Date {SMSO}
J0334	Effective from Settlement Date {DAA}
J0297	Effective from Settlement Date {MSES}
J0307	Effective from Settlement Date {MSMC}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0080	Energisation Status
J0330	File Sequence Number
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0301	Meter Timeswitch Code Effective from Date
J0003	MPAN Core
J0071	Profile Class Id
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
752	File Sequence Number	1		G								File Sequence Number
452	Identify Specific Registration and Provide Update Details	1-*			G							
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Effective from Settlement Date {REGI}
						O						Energisation Status

Flow Reference: **D0205**Flow Version: **001**

Status: Operational

					O					Effective from Settlement Date {MSES}
					O					Measurement Class Id
					O					Effective from Settlement Date {MSMC}
					O					Meter Timeswitch Code
					O					Meter Timeswitch Code Effective from Date
					O					Profile Class Id
					O					Effective from Settlement Date {MSPC}
					O					Standard Settlement Configuration Id
					O					Effective from Settlement Date {SCON}
					O					Data Aggregator Id
					O					Data Aggregation Type
					O					Effective from Settlement Date {DAA}
					O					Data Collector Id
					O					Data Collector Type
					O					Effective from Date {DCA}
					O					Meter Operator Id
					O					Meter Operator Type
					O					Effective from Date {MOA}
					O					SMETS Version
					O					Smart Metering System Operator Id
					O					Effective from Date {SMSO}
					O					In Home Display (IHD) Install Status
					O					Effective from Date {IHDI}

Notes:	The rules for including specific data items and the dependency between items are specified within the MRA and MPAS Validation Procedures.
---------------	---

Commented [JW120]: MPAS Validation Procedures are outstanding

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1398	Data Item 'Effective from Settlement Date {MCLA}' corrected to Effective from Settlement Date {MSMC}.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1562	Sub-Groups removed per MPRS design specification.
Version 3.1	1981	Notes added for clarity and consistency.
Version 7.9	3229	Notes Amended
Version 10.7	3362	New Data Items added to support the extended 'Smart' MPAD.

Flow Reference: **D0209**Flow Version: **001**

Status: Operational

Flow Name:	Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator	
Flow Description:	Covers appointment details for Data Aggregator/Data Collector and details of Registrations, Measurement Class, Energisation Status, Line Loss Factor Class, GSP Group, and for NHHDA will include Profile Class/Standard Settlement Configuration..	
Flow Ownership:	BSC	
From	To	Version
MPAS	HHDA	2.0
MPAS	NHHDA	2.0

Data Items:

Reference	Item Name
J0205	Data Collector Id
J0189	Distributor Id
J0219	Effective from Date {DCA}
J0334	Effective from Settlement Date {DAA}
J1564	Effective from Settlement Date {ESR}
J1563	Effective from Settlement Date {MCR}
J0306	Effective from Settlement Date {MSGG}
J0658	Effective from Settlement Date {MSLLFC}
J1562	Effective from Settlement Date {PCSSCR}
J0049	Effective from Settlement Date {REGI}
J0340	Effective to Settlement Date {DAA}
J1099	Energisation Status Id
J0330	File Sequence Number
J0066	GSP Group Id
J0109	Instruction Number
J0147	Line Loss Factor Class Id
J1094	Market Role
J0082	Measurement Class Id
J0083	Metering System Id
J1095	Participant Id
J0071	Profile Class Id
J0328	Significant Date
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J1109	Type Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPI	Instruction File Additional Header	1		G								
					1							File Sequence Number
ZIN	Instruction Header	1	If Refresh	G								
					1							Instruction Number
					1							Type Code
					N							Metering System Id
					1							Market Role
					1							Participant Id

Commented [JW121]: Message Collection Conditional Rule

Status: Operational

Commented [JW122]: Message Collection Conditional Rule

Status: Operational

Commented [JW123]: Obligation?

Flow Reference: D0209**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1566	Flow occurrences added between MPAS to Old and New NHHDA/HHDA.
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 4	2754	Flow structure changed to reflect this change request, and flow occurrence from PRS Agent to NHHDA removed.
Version 4.1	2857	Data Item 'Effective from Settlement Date {MSES}' replaced in 2 instances of group EST with new 'Effective from Settlement Date {ESR}'. Data Item 'Effective from Settlement Date {MSMC}' replaced in 2 instances of group MCL with new 'Effective from Settlement Date {MCR}'. Data Item 'Effective from Settlement Date' replaced in 2 instances of group PSS with new 'Effective from Settlement Date {PCSSCR}'.
Version 4.1	2860	Data Items 'Effective from Settlement Date {PCSSCR}', 'Profile Class Id' and 'Standard Settlement Configuration Id' made mandatory in both PSS groups.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'

Flow Reference: D0211**Flow Version: 001****Status:**

Flow Name:	Refresh of Non Half Hourly or Half Hourly Data Aggregation Records
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.

Flow Reference: D0213**Flow Version: 001****Status:**

Flow Name:	Advice from MPAS of Changed Metering Point Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1557	Sub-Groups removed per MPRS design specification.
Version 3.1	1981	Notes altered for clarity and consistency.
Version 10.7	3362	Flow Description updated and new Data Items added to support the extended 'Smart' MPAD.
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0213**Flow Version: **002**

Status: Operational

Flow Name:	Advice from MPAS of Changed Metering Point Details		
Flow Description:	Advise a Supplier with a pending registration of changes to metering point details made by the current Supplier or DCC..		
Flow Ownership:	MRA		
From	To	Version	
MPAS	Supplier	12.5	

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J1833	DCC Service Flag
J0821	Deemed Received Date
J0219	Effective from Date {DCA}
J1834	Effective from Date {DCCF}
J1836	Effective from Date {IHDI}
J0210	Effective from Date {MOA}
J1838	Effective from Date {MSO}
J0334	Effective from Settlement Date {DAA}
J0297	Effective from Settlement Date {MSES}
J0307	Effective from Settlement Date {MSMC}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0080	Energisation Status
J0330	File Sequence Number
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0301	Meter Timeswitch Code Effective from Date
J0003	MPAN Core
J2243	Primary MPAN
J0071	Profile Class Id
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
753	File Sequence Number	1		G								
					1							File Sequence Number
480	Metering Point Change Details	1-*		G								

Flow Reference: **D0213**Flow Version: **002**

Status: Operational

					1					Instruction Number
					1					Instruction Type
					1					MPAN Core
					1					Deemed Received Date
					1					Effective from Settlement Date {REGI}
					O					Energisation Status
					O					Effective from Settlement Date {MSES}
					O					Measurement Class Id
					O					Effective from Settlement Date {MSMC}
					O					Meter Timeswitch Code
					O					Meter Timeswitch Code Effective from Date
					O					Profile Class Id
					O					Effective from Settlement Date {MSPC}
					O					Standard Settlement Configuration Id
					O					Effective from Settlement Date {SCON}
					O					Data Aggregator Id
					O					Data Aggregation Type
					O					Effective from Settlement Date {DAA}
					O					Data Collector Id
					O					Data Collector Type
					O					Effective from Date {DCA}
					O					Meter Operator Id
					O					Meter Operator Type
					O					Effective from Date {MOA}
					O					SMETS Version
					O					Smart Metering System Operator Id
					O					Effective from Date {SMSO}
					O					In Home Display (IHD) Install Status
					O					Effective from Date {IHDI}
					O					DCC Service Flag
					O					Effective from Date {DCCF}
					1					Related MPAN Indicator
57M	Related MPANs	1-*	If Related MPAN Indicator equals Y		G					
					1					Primary MPAN
					1					Secondary MPAN

Notes: Each optional data item becomes mandatory if there has been a change to that individual item.

Commented [JW124]: Guidance

Flow Reference: D0213**Flow Version: 002****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1557	Sub-Groups removed per MPRS design specification.
Version 3.1	1981	Notes altered for clarity and consistency.
Version 10.7	3362	Flow Description updated and new Data Items added to support the extended 'Smart' MPAD.
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: D0214**Flow Version: 001****Status:** Operational

Flow Name:	Confirmation of Proving Tests
Flow Description:	Confirmation is being provided that proving tests have been successfully carried out on half hourly metering systems..
Flow Ownership:	MRA

From	To	Version
MOP	Distributor	2.0
MOP	HHDC	3.2
MOP	Supplier	2.0

Data Items:

Reference	Item Name
J0014	Date of Action
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
489	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Date of Action

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.2	2303	Flow occurrence from MOP to HHDC added.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 8.4	3271	Instance of MOP to Generator (Scotland) removed

Flow Reference: **D0215**Flow Version: **001**

Status: Operational

Flow Name:	Provision of Site Technical Details		
Flow Description:	Provision of Site Technical Details required by MOP to install metering..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	MOP	2.0	
Distributor	Supplier	2.0	

Data Items:

Reference	Item Name
J0505	CT Class
J0506	CT Rating
J0454	CT Ratio
J1025	Meter Equipment/Service Location
J0003	MPAN Core
J0427	Number of Phases
J0456	Supply Capacity
J0443	Supply Voltage
J0677	VT Class
J0678	VT Rating
J0455	VT Ratio

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
490	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Supply Voltage
					1							Supply Capacity
					1							Number of Phases
					O							CT Ratio
					O							CT Class
					O							CT Rating
					O							VT Ratio
					O							VT Class
					O							VT Rating
					O							Meter Equipment/Service Location

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1975	New Data Item 'Meter Equipment/Service Location' added at L2 as an optional data item.

Flow Reference: **D0216**Flow Version: **001**

Status: Operational

Flow Name:	Request Installation of Token Meter	
Flow Description:	A request is being made for the installation of a token meter and the required settings are being provided..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	2.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0489	Contact Name
J0552	Current Balance
J0553	Current Balance Date
J0547	Debt Recovery Rate
J0292	Earliest Appointment Time
J0549	Emergency Credit Override
J0293	Latest Appointment Time
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0550	Previous Reading
J0551	Previous Reading Date
J0673	Requested Energisation Status
J0275	Service Level Reference
J0274	Service Reference
J0548	Standing Charge Override
J0685	Tariff Code
J0554	Total Debt

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
491	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Contact Name
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4

Flow Reference: **D0216**Flow Version: **001**

Status: Operational

				O							Metering Point Address Line 5
				O							Metering Point Address Line 6
				O							Metering Point Address Line 7
				O							Metering Point Address Line 8
				O							Metering Point Address Line 9
				O							Metering Point Postcode
				O							Appointment Date
				O							Earliest Appointment Time
				O							Latest Appointment Time
				1							Service Reference
				1							Service Level Reference
				1							Total Debt
				1							Debt Recovery Rate
				O							Standing Charge Override
				O							Emergency Credit Override
				O							Previous Reading
				O							Previous Reading Date
				O							Current Balance
				O							Current Balance Date
				O							Additional Information
				1							Tariff Code
				1							Requested Energisation Status

Notes:	1. Previous reading/balance may be provided for meter removal request to allow installer to calculate settings to be applied to new meter.
	2. Previous reading and date only required for a change from a credit meter.
	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Commented [JW125]: Guidance

Commented [JW126]: Data Item Requirement Rule

Commented [JW127]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 4	2796	Data Items 'Tariff Code' and 'Requested Energisation Status' added to group 491 as mandatory items.
Version 7.2	3145	Flow Notes changed.

Flow Reference: D0217**Flow Version: 001****Status:**

Flow Name:	Confirmation of the Registration of a Metering Point
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1571	Sub-Groups removed per MPRS design specification, including Group G0493 which was only used as a heading.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1885	Note added re Unmetered Supply.
Version 3.1	1981	Notes added for clarity and consistency.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 7.9	3229	Notes Amended
Version 10.7	3362	New Data Items added and Notes updated.
Version 11.6	3484	Amendment to Flow Description and Notes updated.
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0217**Flow Version: **002**

Status: Operational

Flow Name:	Confirmation of the Registration of a Metering Point	
Flow Description:	Used to notify a New Supplier that their registration has been accepted and includes verification of the registration data.	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	12.5

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J1833	DCC Service Flag
J0821	Deemed Received Date
J1834	Effective from Date {DCCF}
J1836	Effective from Date {IHD}
J1838	Effective from Date {SMSO}
J0049	Effective from Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J0066	GSP Group Id
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0147	Line Loss Factor Class Id
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J2243	Primary MPAN
J0071	Profile Class Id
J0031	Registration Transaction Number
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Reference: **D0217**Flow Version: **002**

Status: Operational

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
754	File Sequence Number	1		G								
					1							File Sequence Number
492	Registration Confirmation Details	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Deemed Received Date
						1						Effective from Settlement Date {REGI}
						1						Registration Transaction Number
						O						Metering Point Address Line 1
						O						Metering Point Address Line 2
						O						Metering Point Address Line 3
						O						Metering Point Address Line 4
						O						Metering Point Address Line 5
						O						Metering Point Address Line 6
						O						Metering Point Address Line 7
						O						Metering Point Address Line 8
						O						Metering Point Address Line 9
						O						Metering Point Postcode
						N						Metering Point Unique Property Reference Number (UPRN)
						O						Line Loss Factor Class Id
						1						GSP Group Id
						O						Energisation Status
						O						Measurement Class Id
						O						Meter Timeswitch Code
						O						Profile Class Id
						O						Standard Settlement Configuration Id
						O						Data Aggregator Id
						O						Data Aggregation Type
						O						Data Collector Id
						O						Data Collector Type
						O						Meter Operator Id
						O						Meter Operator Type
						O						SMETS Version
						O						Smart Metering System Operator Id
						O						Effective from Date {SMSO}

Flow Reference: **D0217**Flow Version: **002**

Status: Operational

					O					In Home Display (IHD) Install Status
					O					Effective from Date {IHDI}
					O					DCC Service Flag
					O					Effective from Date {DCCF}
					1					Related MPAN Indicator
58M	Related MPANs	1-*	If Related MPAN Indicator equals Y		G					
					1					Primary MPAN
					1					Secondary MPAN

Notes:	<p>Optional Data Items in this flow are populated by the responsible parties as defined in Schedule 2 of the MRA, as follows, where available:</p> <p>1 – Data for which a Distribution Business is responsible will be provided. See note below with respect to provision of Metering Point Address and Metering Point Postcode.</p> <p>2 – Data for which a Supply Business is responsible that was provided to MPAS on D0055 (Registration of Supplier to Specified Metering Point) flow will be provided in this flow.</p> <p>3 – Data for which a Supply Business is responsible that was not provided on D0055 to MPAS but is currently stored in MPAS for the previous Supply Business registration will be provided in this flow.</p> <p>This flow includes Unmetered Supply Requirements.</p> <p>Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF). Metering Point Postcode should only be omitted if the Post Office have not allocated one.</p>
---------------	---

Commented [JW128]: Guidance

Commented [JW129]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	502	Order of data items in flow structure changed to reflect registration system design specifications.
Version 3.1	1462	As per Data Interface requirements, sequential file and instruction numbers included in this flow.
Version 3.1	1571	Sub-Groups removed per MPRS design specification, including Group G0493 which was only used as a heading.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1885	Note added re Unmetered Supply.
Version 3.1	1981	Notes added for clarity and consistency.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 7.9	3229	Notes Amended
Version 10.7	3362	New Data Items added and Notes updated.
Version 11.6	3484	Amendment to Flow Description and Notes updated.
Version 11.6	3486	Data Item J1840 nullified
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: D0218**Flow Version: 001****Status:**

Flow Name:	Confirmation of Check Meter or Accuracy Test Results
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Distributor/Generator (Scotland) included to cover the Scottish Market requirements.
Version 4	2627	Flow deleted from catalogue.

Flow Reference: D0219**Flow Version: 001****Status:**

Flow Name:	Change of Timing Device Only
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1394	Meter Readings at time of change will be transmitted by D0010. Meter Register Id, Reading Date and Time and Register Reading removed and Date of Action included at L3.
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2625	Flow deleted from catalogue.

Flow Reference: **D0221**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Failure to Install or Energise Metering System	
Flow Description:	Notification that a meter could not be installed or a system energised due to faults or access problems..	
Flow Ownership:	MRA	
From	To	Version
MOP	Supplier	3.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0003	MPAN Core
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
504	MPAN Cores	1-*		G								
					1							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9
					1							Appointment Date
					1							Site Visit Check Code
					O							Additional Information

Notes: Though all of the address data items included in this flow are defined within the

Flow Reference: D0221**Flow Version: 001****Status:** Operational

	structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.
--	--

Commented [JW130]: Guidance**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrences from MOP to Generator (Scotland) removed.
Version 7.2	3145	Flow Notes changed.

Flow Reference: **D0222**Flow Version: **001**

Status: Operational

Flow Name:	Change in Customer Details		
Flow Description:	Notification of a change in customer details only..		
Flow Ownership:	MRA		
From	To	Version	
MOP	Supplier	4.1	
NHHDC	Supplier	3.0	
NHHDR	NHHDC	5.0	

Data Items:

Reference	Item Name
J0489	Contact Name
J0375	Customer Name
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J1011	Maximum Power Requirement
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
505	Customer Details	1-*		G								
					1							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6

Flow Reference: **D0222**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Contact Name
				O						Maximum Power Requirement
				O						Mailing Address Line 1
				O						Mailing Address Line 2
				O						Mailing Address Line 3
				O						Mailing Address Line 4
				O						Mailing Address Line 5
				O						Mailing Address Line 6
				O						Mailing Address Line 7
				O						Mailing Address Line 8
				O						Mailing Address Line 9
				O						Customer Name

Notes:	An update to an individual line within an address will require the entire address to be sent.
---------------	---

Commented [JW131]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1382	Add Supplier to Distributor flow to meet DUoS Agreement requirements.
Version 3.1	1649	HHDC to Distributor/Generator (Scotland) to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1939	Data Items added to provide information for Distribution Business.
Version 3.1	1973	Customer Name removed from flow.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from HHDC to Generator (Scotland) removed.
Version 4.1	2908	Flow occurrences from HHDC to Supplier and from Supplier to Distributor removed and flow occurrence from MOP to Supplier added.
Version 5	2980	Notes changed to define usage of Address Data Items.
Version 5	3024	Flow occurrence from NHHDR to NHHDC added.
Version 7.2	3145	Flow Notes changed.
Version 7.4	2984	Data Item 'Customer Name' added as an optional field (CP3150 amended implementation date.)

Flow Reference: **D0223**Flow Version: **001**

Status: Operational

Flow Name:	Request to Install Check Meter or Carry Out Accuracy Tests	
Flow Description:	A request for installation of a check meter and to carry out site tests to determine existing meter accuracy..	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	3.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0292	Earliest Appointment Time
J0293	Latest Appointment Time
J0004	Meter Id (Serial Number)
J0419	Meter Location
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0007	Requested Action Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
506	Request for Check Meter or Test	1-*		G								
					1							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9

Flow Reference: **D0223**Flow Version: **001**

Status: Operational

				O						Metering Point Postcode
				O						Appointment Date
				O						Earliest Appointment Time
				O						Latest Appointment Time
				O						Additional Information
507	Meter Details	1-*		G						
					1					Meter Id (Serial Number)
					1					Requested Action Code
				O						Meter Location

Notes:	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.
---------------	--

Commented [JW132]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1637	Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements.
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1973	Customer Name removed from flow.
Version 4	2697	All flow occurrences from Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from Generator (Scotland) to MOP removed.
Version 7.2	3145	Flow Notes changed.

Flow Reference: **D0224**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Programme for Re-Certification Meter Changes	
Flow Description:	The Meter Operator notifies the Supplier of those metering points where he will be changing meters which have reached the end of their certification life..	
Flow Ownership:	MRA	
From	To	Version
MOP	Supplier	3.0

Data Items:

Reference	Item Name
J0003	MPAN Core
J0720	Programme End Date
J0718	Programme Start Date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
508	Programme Period	1-*		G								
					1							Programme Start Date
					1							Programme End Date
509	MPAN Cores	1-*		G								
					1							MPAN Core

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1645	MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 4	2747	Flow occurrence from MOP to Generator (Scotland) removed.

Flow Reference: D0225**Flow Version: 001****Status:**

Flow Name:	Customer Priority Service Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1247	Additional instance of this flow added from Supplier to MOP as information wanted by them.
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1938	Data Items added to provide information to Distribution Business.
Version 3.1	1973	Customer Name removed from flow.
Version 3.101	2108	Notes added to clarify address format.
Version 8	3225	Data Item J0566 & J0263 added to flow. Group 99C Update Customer Special Need Details added to the flow. Data item Additional Information removed from Group 510 and added to Group 99C. Supplier to NHHDC instance of the flow added.
Version 8.6	3273	Notes added to clarify use and population
Version 9.8	3313	Group 10G Update Customer Needs Phone Contact added to the flow. Data Items J1719, J1720 and J1721 added to the flow. Distributor to Supplier instance of the flow added.
Version 11.1	3413	Amendment to data items to create a specific set of contact details for priority services customers.
Version 11.2	3444	Data Flow notes amended
Version 11.9	3500	Data flow notes amended to make the DTN the standard transfer mechanism of the flow. Distributor to Supplier instance of the flow. Flow notes updated to recognise the statement within the Ofgem Priority Services Register Review: Statutory Consultation 13th June 2016 that parties should take account of Data Protection requirements when sending information and all notes move to Annex C. Various updates to replace the term "special needs" with "Priority Services" Add two new data items J2208 and J2209 Amend flow version from 001 to 002
Version 11.9	3501	Data item J1700 removed. Add one new data item J2210

Flow Reference: D0225**Flow Version: 002****Status:** Operational

Flow Name:	Priority Services Details		
Flow Description:	Exchange of details between relevant trading participants identifying the contact details and reasons for customers or other members of the household requiring priority services..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	Supplier	11.9	
Supplier	Distributor	11.9	
Supplier	MOP	11.9	
Supplier	NHHDC	11.9	

Data Items:

Reference	Item Name
J0012	Additional Information
J1719	Alternate Priority Service Contact Name
J1886	Alternate Priority Service Phone Number 1
J1887	Alternate Priority Service Phone Number 2
J2208	Consent to share data obtained
J2210	Delete All PSR Codes
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J1884	Primary Priority Service Contact Name
J1720	Primary Priority Service Phone Number 1
J1885	Primary Priority Service Phone Number 2
J1874	Priority Service Contact Address Line 1
J1875	Priority Service Contact Address Line 2
J1876	Priority Service Contact Address Line 3
J1877	Priority Service Contact Address Line 4
J1878	Priority Service Contact Address Line 5
J1879	Priority Service Contact Address Line 6
J1880	Priority Service Contact Address Line 7
J1881	Priority Service Contact Address Line 8
J1882	Priority Service Contact Address Line 9
J1883	Priority Service Contact Postcode
J1699	Priority Services Category
J2209	PSR code expiry date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
510	Priority Services contact details	1-*		G								

Flow Reference: **D0225**Flow Version: **002**

Status: Operational

				1						MPAN Core
				1						Primary Priority Service Contact Name
				O						Primary Priority Service Phone Number 1
				O						Primary Priority Service Phone Number 2
				O						Alternate Priority Service Contact Name
				O						Alternate Priority Service Phone Number 1
				O						Alternate Priority Service Phone Number 2
				O						Metering Point Address Line 1
				O						Metering Point Address Line 2
				O						Metering Point Address Line 3
				O						Metering Point Address Line 4
				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Priority Service Contact Address Line 1
				O						Priority Service Contact Address Line 2
				O						Priority Service Contact Address Line 3
				O						Priority Service Contact Address Line 4
				O						Priority Service Contact Address Line 5
				O						Priority Service Contact Address Line 6
				O						Priority Service Contact Address Line 7
				O						Priority Service Contact Address Line 8
				O						Priority Service Contact Address Line 9
				O						Priority Service Contact Postcode
				1						Consent to share data obtained
				1						Delete All PSR Codes
99C	Update Priority Services Details	0-*		G						
					1					Priority Services Category

Flow Reference: D0225**Flow Version: 002****Status:** Operational

						O					PSR code expiry date
						O					Additional Information

Notes:	See Annex C for flow Notes. For guidance on PSR codes please refer to the Energy Networks Association website.
---------------	---

Commented [JW133]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1247	Additional instance of this flow added from Supplier to MOP as information wanted by them.
Version 3.1	1792	Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.1	1938	Data Items added to provide information to Distribution Business.
Version 3.1	1973	Customer Name removed from flow.
Version 3.101	2108	Notes added to clarify address format.
Version 8	3225	Data Item J0566 & J0263 added to flow. Group 99C Update Customer Special Need Details added to the flow. Data item Additional Information removed from Group 510 and added to Group 99C. Supplier to NHHDC instance of the flow added.
Version 8.6	3273	Notes added to clarify use and population
Version 9.8	3313	Group 10G Update Customer Needs Phone Contact added to the flow. Data Items J1719, J1720 and J1721 added to the flow. Distributor to Supplier instance of the flow added.
Version 11.1	3413	Amendment to data items to create a specific set of contact details for priority services customers.
Version 11.2	3444	Data Flow notes amended
Version 11.9	3500	Data flow notes amended to make the DTN the standard transfer mechanism of the flow. Distributor to Supplier instance of the flow. Flow notes updated to recognise the statement within the Ofgem Priority Services Register Review: Statutory Consultation 13th June 2016 that parties should take account of Data Protection requirements when sending information and all notes move to Annex C. Various updates to replace the term "special needs" with "Priority Services" Add two new data items J2208 and J2209 Amend flow version from 001 to 002
Version 11.9	3501	Data item J1700 removed. Add one new data item J2210

Flow Reference: D0226**Flow Version: 001****Status:**

Flow Name:	Registration of Change of Supplier for Continuing ERS Traded MPAN
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1340	Flow D0226 has been deleted.

Flow Reference: **D0227**Flow Version: **001**

Status: Operational

Flow Name:	BSCCo Market Domain Data File	
Flow Description:	The set of data which defines the environment of the 1998 Trading Arrangements..	
Flow Ownership:	BSC	
From	To	Version
MDDA	NHHDA	4.0
MDDA	NHHDC	4.0

Data Items:

Reference	Item Name
J0133	Average Fraction of Yearly Consumption
J1096	Effective from Settlement Date
J1097	Effective to Settlement Date
J1104	GSP Group
J0066	GSP Group Id
J0071	Profile Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					N							Settlement Date
					N							Settlement Code
					N							Run Type Code
					N							Run Number
					N							GSP Group
SCI	Standard Settlement Configuration Details	0-*		G								
						1						Standard Settlement Configuration Id
						1						Standard Settlement Configuration Desc
TPR	Measurement Requirement	0-*				G						
							1					Time Pattern Regime
VSD	Valid Settlement Configuration Profile Class Details	0-*				G						
							1					Profile Class Id
							1					Effective from Settlement Date
							O					Effective to Settlement Date
ASD	Average Fraction of Yearly Consumption Set Details	0-*				G						
								1				GSP Group Id
								1				Effective from Settlement Date

Flow Reference: D0227**Flow Version: 001****Status:** Operational

								O			Effective to Settlement Date
AFD	Average Fraction of Yearly Consumption Details	1-*						G			
									1		Average Fraction of Yearly Consumption
									1		Time Pattern Regime

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.
Version 3.101	2107	Data Item J1215 replaced by J0066
Version 4	2704	Flow occurrence replaced by occurrences from MDDA to ISRA, NHHDA and NHHDC.
Version 4.1	2869	Data Item 'Group GSP' in Group ZPD has been made null.
Version 4.2	2914	All Data Items in Group ZPD have been made null and the Range of Groups TPR and ASD have changed from 1-*.
Version 4.4	2975	Flow occurrence from MDDA to IARA added.
Version 5.1	3009	Groups TPD, TTP, CKI and SLM and associated Data Items removed. Flow occurrence from MDDA to ISRA removed.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3075	Flow Name changed from 'Pool' to 'BSCCo'
Version 8.4	3271	Instance of MDDA to IARA removed

Flow Reference: D0230**Flow Version: 001****Status:**

Flow Name:	Market Domain Data Incremental Set
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1992	Pool ownership established. Definition based on agreed Pool baseline documentation.

Flow Reference: **D0235**Flow Version: **001**

Status: Operational

Flow Name:	Half Hourly Aggregation Exception Report	
Flow Description:	Details of exceptions raised by the HHDA on incomplete/inconsistent data received from HHDCs against that received from MPAS..	
Flow Ownership:	MRA	
From	To	Version
HHDA	HHDC	3.0
HHDA	Supplier	3.0

Data Items:

Reference	Item Name
J0205	Data Collector Id
J1250	Data Collector Id (incorrect)
J0003	MPAN Core
J1087	Run Number
J0146	Settlement Code
J0073	Settlement Date
J0084	Supplier Id
J1251	Supplier Id (incorrect)

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
605	Flow Structure Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Number
996	Consumption data received but not expected	0-*		G								
					1							MPAN Core
					1							Data Collector Id
997	Expected consumption data received but from incorrect source	0-*		G								
					1							MPAN Core
					1							Data Collector Id
					1							Supplier Id
					1							Data Collector Id (incorrect)
998	Consumption data expected but not received	0-*		G								
					1							MPAN Core
					1							Data Collector Id
					1							Supplier Id
999	Consumption data received for de-energised meter	0-*		G								
					1							MPAN Core
					1							Data Collector Id
					1							Supplier Id
00A	Consumption data received for incorrect Supplier	0-*		G								
					1							MPAN Core
					1							Data Collector Id
					1							Supplier Id

Flow Reference: D0235**Flow Version: 001****Status:** Operational

					1					Supplier Id (incorrect)
--	--	--	--	--	---	--	--	--	--	-------------------------

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.2	2389	Significant flow changes.
Version 7	3111	Replaced 'the PRS Agents' with 'MPAS' within Flow Description

Flow Reference: **D0236**Flow Version: **001**

Status: Operational

Flow Name:	Revenue Protection Service Statistical Report		
Flow Description:	A report from the Revenue Protection Service in accordance with the Revenue Protection Code of Practice and giving a twelve month rolling figure of investigations and performances..		
Flow Ownership:	MRA		
From	To	Version	
RPS	Supplier	3.0	

Data Items:

Reference	Item Name
J0833	Billed kWh
J0870	Disconnected (De-energised) Over 24 Hours
J0832	Interference Confirmed Numbers
J0831	Interference Suspected Numbers
J0872	Irregularities Found
J0864	Jobs Not Actioned Due to Incorrect Data
J0836	Jobs Where No Problems Found
J0868	Number of Supply Points in RPS Area
J0824	Priority A Reports Received
J0825	Priority B Reports Received
J0826	Priority C Reports Received
J1018	Report Month
J0867	Successful Calls Failing to Meet Priority A
J0838	Successful Calls Failing to Meet Priority B
J0866	Successful Calls Failing to Meet Priority C
J0827	Successful Calls Meeting Priority A
J0828	Successful Calls Meeting Priority B
J0829	Successful Calls Meeting Priority C
J0830	Warrant of Entry Numbers

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
625	Report Details	1		G								
					1							Report Month
					1							Number of Supply Points in RPS Area
					1							Priority A Reports Received
					1							Priority B Reports Received
					1							Priority C Reports Received
					1							Successful Calls Meeting Priority A
					1							Successful Calls Meeting Priority B
					1							Successful Calls Meeting Priority C
					1							Successful Calls Failing to Meet Priority A
					1							Successful Calls Failing to Meet Priority B
					1							Successful Calls Failing to Meet Priority C
					1							Warrant of Entry Numbers

Flow Reference: **D0236**Flow Version: **001**

Status: Operational

				1							Interference Suspected Numbers
				1							Interference Confirmed Numbers
				1							Billed kWh
				1							Irregularities Found
				1							Jobs Not Actioned Due to Incorrect Data
				1							Jobs Where No Problems Found
				1							Disconnected (De-energised) Over 24 Hours

Notes:	
--------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1246	Report Month added as the very first date item in the report.
Version 3.102	2274	Flow name altered to reflect the change from RPU to RPS.

Flow Reference: **D0237**Flow Version: **001**

Status: Operational

Flow Name:	Notification by Revenue Protection Service of Possible Irregularity		
Flow Description:	A report from the Revenue Protection Service of possible irregularity from a party other than the Supplier and therefore requires background data in order to carry out a full investigation..		
Flow Ownership:	MRA		
From	To	Version	
RPS	Supplier	3.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0375	Customer Name
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0842	Revenue Protection Priority Level
J0871	Revenue Protection Service Contact Name
J0869	Revenue Protection Service Contact Telephone Number
J0451	Tampering Code
J0822	Tampering Report Date
J0841	Tampering Report Source

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
626	Report Details	1-*	G									
				O								MPAN Core
				O								Customer Name
				O								Metering Point Address Line 1
				O								Metering Point Address Line 2
				O								Metering Point Address Line 3
				O								Metering Point Address Line 4
				O								Metering Point Address Line 5
				O								Metering Point Address Line 6
				O								Metering Point Address Line 7
				O								Metering Point Address Line 8

Flow Reference: **D0237**Flow Version: **001**

Status: Operational

				O							Metering Point Address Line 9
				O							Metering Point Postcode
				1							Tampering Code
				1							Tampering Report Source
				1							Tampering Report Date
				O							Additional Information
				O							Revenue Protection Priority Level
				1							Revenue Protection Service Contact Telephone Number
				O							Revenue Protection Service Contact Name

Notes:	The 'Revenue Protection Priority Level' shown in this flow is that priority level which the RPS is suggesting should be applied to the investigation. Completion of this field is not mandatory.
	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Commented [JW134]: Guidance

Commented [JW135]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 3.102	2274	Flow name altered to reflect the change from RPU to RPS.
Version 7.2	3145	Flow Notes changed.

Flow Reference: D0238**Flow Version: 001****Status:** Operational

Flow Name:	Request and Information for Revenue Protection Investigation	
Flow Description:	A request/confirmation that an investigation into a suspected metering tampering case should be carried out by the Revenue Protection Service and provision of background information to assist the investigation..	
Flow Ownership:	MRA	
From	To	Version
Supplier	RPS	3.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0845	Associated MPAN
J0375	Customer Name
J0693	Customer Password
J0846	Date Customer Took Responsibility for Supply
J0848	Date of Meter Installation
J0850	Disconnected for Non-Payment Status
J0292	Earliest Appointment Time
J0080	Energisation Status
J0862	Last Reading/Inspected Date
J0293	Latest Appointment Time
J0410	Manufacturers Make & Type
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0178	Meter Operator Id
J0010	Meter Register Id
J0483	Meter Type
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0016	Reading Date & Time
J0171	Reading Type
J0040	Register Reading
J0842	Revenue Protection Priority Level
J0851	Supplier Contact Name
J0852	Supplier Contact Telephone Number
J0451	Tampering Code
J0822	Tampering Report Date
J0841	Tampering Report Source
J0716	Timing Device Id (Serial Number)

Flow Reference: **D0238**Flow Version: **001**

Status: Operational

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
627	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Meter Operator Id
					O							Customer Name
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9
					O							Metering Point Postcode
					O							Customer Password
					O							Supplier Contact Name
					O							Supplier Contact Telephone Number
					1							Revenue Protection Priority Level
					O							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
					1							Tampering Code
					1							Tampering Report Source
					1							Tampering Report Date
					O							Additional Information
628	Associated MPANs	0-*		G								
					1							Associated MPAN
629	Meter Details	1-*		G								
					1							Meter Id (Serial Number)
					1							Manufacturers Make & Type
					1							Meter Type
					1							Meter Location
					O							Timing Device Id (Serial Number)
					O							Date of Meter Installation
					1							Last Reading/Inspected Date
					O							Date Customer Took Responsibility for Supply
					1							Energisation Status
					1							Disconnected for Non-Payment Status

Flow Reference: **D0238**Flow Version: **001**

Status: Operational

630	Meter Register Details per Meter	1-*				G									
							1								Meter Register Id
631	Reading Dates Covering Two Years	0-*				G									
							O								Reading Date & Time
							O								Register Reading
							O								Reading Type

Notes:	<p>Where a meter change or agent change has occurred during the historical readings period this should be highlighted within the readings through 'type' and 'date and time'.</p> <p>Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.</p>
---------------	---

Commented [JW136]: Guidance

Commented [JW137]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 5	2950	Range of Group 631 changed from '1-*' to '0-*' and Data Items in Group 631 made optional. Data Items 'Date Of Meter Installation' and 'Date Customer Took Responsibility For Supply' made optional in Group 629.
Version 7.2	3145	Flow Notes changed.
Version 8.1	3235	Data item "Meter Operator Id" added and mandated to group 627.

Flow Reference: **D0239**Flow Version: **001**

Status: Operational

Flow Name:	Revenue Protection Report on Action Taken		
Flow Description:	A report by the Revenue Protection Service on the outcome of an investigation..		
Flow Ownership:	MRA		
From	To	Version	
RPS	MOP	8.1	
RPS	Supplier	3.0	

Data Items:

Reference	Item Name
J0012	Additional Information
J0375	Customer Name
J0080	Energisation Status
J0860	Irregularity Confirmed Indicator
J0932	Meter Action Code
J0004	Meter Id (Serial Number)
J0859	Meter Operator Informed Indicator
J0010	Meter Register Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0016	Reading Date & Time
J0040	Register Reading
J0842	Revenue Protection Priority Level
J0453	Revenue Recovery Indicator

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
632	Investigation Details	1-*		G								
					I							MPAN Core
					O							Customer Name
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7

Flow Reference: **D0239**Flow Version: **001**

Status: Operational

				O							Metering Point Address Line 8
				O							Metering Point Address Line 9
				O							Metering Point Postcode
				1							Revenue Protection Priority Level
633	Original Meter Details	1-*		G							
					1						Meter Id (Serial Number)
					1						Energisation Status
					1						Meter Action Code
					1						Irregularity Confirmed Indicator
				O							Revenue Recovery Indicator
634	Meter Register Detail per Meter	1-*		G							
					1						Meter Register Id
					1						Reading Date & Time
					1						Register Reading
635	Changed Meter Details	1	If Meter Action Code = 01	G							
					1						Meter Id (Serial Number)
					1						Energisation Status
					1						Meter Operator Informed Indicator
				O							Additional Information
636	Meter Register Detail per Meter	1-*		G							
					1						Meter Register Id
					1						Reading Date & Time
					1						Register Reading

Commented [JW138]: Message Collection Conditional Rule

Notes:	For those investigations where revenue recovery has been pursued, a detailed report will be submitted to the Supplier.
	Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.
	Where the Meter Operator is informed via this flow the Meter Operator Informed Indicator should always be set to T (Meter Operator Informed)

Commented [JW139]: Guidance

Commented [JW140]: General Address Rule

Commented [JW141]: Variant Enumeration

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	1792	Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum.
Version 7.2	3145	Flow Notes changed.
Version 8.1	3235	Data item Additional Information (J0012) added to group 635. Also flow notes added.
Version 8.1	3235	New RPS to MOP instance added.

Flow Reference: **D0242**Flow Version: **001**

Status: Operational

Flow Name:	Supercustomer DUoS Daily Statement		
Flow Description:	Supercustomer DUoS charges calculated from settlements data produced at a summary level for Suppliers to validate their Supercustomer DUoS bills..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	Supplier	3.0	

Data Items:

Reference	Item Name
J0189	Distributor Id
J0066	GSP Group Id
J0147	Line Loss Factor Class Id
J0906	MSID Charge Indicator
J0071	Profile Class Id
J0792	Settlement Class MSID Charge
J0791	Settlement Class MSID Count
J0793	Settlement Class Unit Charge
J0794	Settlement Class Unit Count
J0146	Settlement Code
J0073	Settlement Date
J0196	SSR Run Number
J0076	Standard Settlement Configuration Id
J0908	Statement Number
J0910	Statement Supercustomer DUoS Charge Amount
J0904	Statement Total MSID Charge
J0785	Statement Total MSID Count
J0909	Statement Total Unit Charge
J0786	Statement Total Unit Volume
J0084	Supplier Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
665	Flow Structure Header	1		G								
					1							Statement Number
					1							GSP Group Id
					1							Distributor Id
					1							Supplier Id
					1							Settlement Date
					1							Settlement Code
					1							SSR Run Number
					1							Statement Total MSID Count
					1							Statement Total MSID Charge
					1							Statement Total Unit Volume
					1							Statement Total Unit Charge
					1							Statement Supercustomer DUoS Charge Amount
666	Charges by Settlement Class	1-*		G								
						1						Line Loss Factor Class Id

Flow Reference: **D0242**Flow Version: **001**

Status: Operational

					1					Profile Class Id
					1					Time Pattern Regime
					1					Standard Settlement Configuration Id
					1					Settlement Class MSID Count
					1					MSID Charge Indicator
					1					Settlement Class MSID Charge
					1					Settlement Class Unit Count
					1					Settlement Class Unit Charge

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2088	Data Item 'Standard Settlement Configuration Id' added to group 666.
Version 4	2669	Flow renamed.

Flow Reference: D0243**Flow Version: 001****Status:**

Flow Name:	Generation Allocation Report for Independent Generator Parties
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2529	Data Items 'Deemed Generator Programmed Transfer Exports', 'Deemed Generator Programmed Transfer Imports', and 'Deemed Generator Pool Imports' added to Group 672 in the order specified in CR2774.
Version 4	2589	Data items 'SSR Run Number', 'SSR Run Date', 'SDP Run Number' and 'SDP Run Type Id' added to group 671.
Version 4	2780	Range of Groups 671 and 672 changed.
Version 4.2	2934	Flow occurrence from GA Agent to Grid Control added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0244**Flow Version: 001****Status:**

Flow Name:	Confirmation of Acceptance of Scottish Generation Allocation Schedule
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2779	Data Item 'In-Perpetuity Schedule Marker' added to Group 675.
Version 4	2780	Range of Groups 675 and 676 changed, and notes added.
Version 4.1	2850	Data Items 'Supplier Id' and 'Generator Id' added to group 675, as mandatory.
Version 7.2	3145	Flow Notes changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0245**Flow Version: 001****Status:**

Flow Name:	Deemed Between Area Generator Trades in Scottish Company's Area Involving Independent Generators who are Party to a GA Trading Relationship
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2780	Range of Groups 682 and 683 changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0246**Flow Version: 001****Status:**

Flow Name:	Deemed Within Area Generator Trades in Scottish Company's Area Involving Independent Generators who are Party to a GA Trading Relationship
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2633	Data Items 'Sending Generator Id' and 'Receiving Generator Id' replaced by 'Generator Id (1)' and 'Generator Id (2)' in the order specified in CR2777.
Version 4	2780	Range of Groups 684 and 685 changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0247**Flow Version: 001****Status:**

Flow Name:	Generator and Supplier Programmed Transfers in Scottish Company's Area
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2643	Flow renamed.
Version 4	2774	Flow description changed.
Version 4	2777	Data Item 'Generator Id' added to Group 686, 'Supplier Id' made optional, and notes added.
Version 4	2780	Range of Groups 686 and 687 changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0248**Flow Version: 001****Status:**

Flow Name:	Scottish Supplier and Independent Generator Deemed Exports out of Scotland Involving Independent Generators who are Party to a Trading Relationship
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2525	Flow renamed. Data Item 'Supplier Id' added to Group 689 in the position specified in CR 2777, 'Generator Id' made optional and notes changed.
Version 4	2774	Flow description changed.
Version 4	2777	Notes added.
Version 4	2780	Range of Groups 689 and 690 changed.
Version 6	3075	Flow Name, Description and Notes changed from 'Pool' to 'BSC Parties'.
Version 7.2	3127	Flow Name, Description and Notes changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0249**Flow Version: 001****Status:**

Flow Name:	Scottish Supplier and Generator Imports into Scotland
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2524	Data item 'Supplier Id' made optional, data item 'Generator Id' added to group 692 and notes changed.
Version 4	2774	Flow name and description changed.
Version 4	2777	Notes added.
Version 4	2780	Range of Groups 692 and 693 changed.
Version 6	3075	Flow Name, Description and Notes changed from 'Pool' to 'BSC Parties'
Version 7.2	3127	Flow Name, Description and Notes changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0250**Flow Version: 001****Status:**

Flow Name:	Generation Allocation Report for Suppliers
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2531	Data item 'Deemed Export Value MWh' added to group 696.
Version 4	2588	Flow renamed. Data item 'Deemed Supplier Programmed Transfer Exports' added to group 696.
Version 4	2589	Data items 'SSR Run Number', 'SSR Run Date', 'SDP Run Number' and 'SDP Run Type Id' added to group 695.
Version 4	2631	Data Item 'Pool Error Account Term' added to Group 696.
Version 4	2774	Flow description changed.
Version 4	2780	Range of Groups 695 and 696 changed, and notes added.
Version 4.2	2934	Flow occurrence from GA Agent to Grid Control added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0251**Flow Version: 001****Status:**

Flow Name:	Scottish Company Transmission Loss Multiplier
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2780	Range of Groups 699 and 700 changed and notes added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0252**Flow Version: 001****Status:**

Flow Name:	Scottish Independent Generator Output
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2780	Ranges of Groups 701, 702 and 703 changed and notes added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0253**Flow Version: 001****Status:**

Flow Name:	Generation Allocation Report on Error Account Term
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2589	Data items 'SSR Run Number', 'SSR Run Date', 'SDP Run Number' and 'SDP Run Type Id' added to group 704.
Version 4	2631	Flow description changed.
Version 4	2774	Flow description changed further.
Version 4	2776	Data Item 'GA Run Type Id' added to Group 704.
Version 4	2777	Data Item 'Supplier Id' added to Group 704, 'Generator Id' made optional and notes added.
Version 4	2780	Range of Groups 704 and 705 changed, and notes added.
Version 6	3075	Flow Name and Description changed from 'Pool' to 'BSC'
Version 6	3075	Group Description for Group 705 changed from 'Pool' to 'BSC'
Version 7.2	3127	Flow Name and Description changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0254**Flow Version: 001****Status:**

Flow Name:	Scottish Import Requirement of Independent Power Stations
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2526	Data Flow deleted from catalogue.

Flow Reference: D0255**Flow Version: 001****Status:**

Flow Name:	Report on Scottish Trading Relationship Allocations
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2587	Data item 'Actual Tranche Priority' added to group 711.
Version 4	2589	Data Items 'SSR Run Number', 'SSR Run Date', 'SDP Run Number', and 'SDP Run Type Id' added to Group 709.
Version 4	2780	Range of Groups 709, 710 and 711 changed, and notes added.
Version 4.2	2934	Flow occurrence from GA Agent to Grid Control added.
Version 4.4	2976	Flow occurrence from GA Agent to Scottish Company removed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0256**Flow Version: 001****Status:**

Flow Name:	Generation Allocation Report for Host Company on Residual Requirements
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2589	Data items 'SSR Run Number', 'SSR Run Date', 'SDP Run Number' and 'SDP Run Type Id' added to group 712.
Version 4	2774	Group 713 made a child of Group 712.
Version 4	2776	Data Item 'GA Run Type Id' added to Group 712.
Version 4	2777	Data Items 'Generator Id' and 'Supplier Id' made optional, and notes added.
Version 4	2780	Range of Groups 712, 713 and 714 changed, and notes added.
Version 8.4	3271	Data deleted from catalogue

Flow Reference: D0257**Flow Version: 001****Status:**

Flow Name:	Submission of Scottish Generation Allocation Schedule
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2731	Data Item 'FMW Contract Allocation' replaced with 'FMW Contract Parameter'.
Version 4	2775	Data Item 'GA Schedule Sequence Number' added to Group 717.
Version 4	2777	Data Items 'Generator Id' and 'Supplier Id' added to Group 717.
Version 4	2779	Data Item 'In-Perpetuity Schedule Marker' added to Group 717.
Version 4	2780	Range of Groups 717 and 718 changed, and notes added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0258**Flow Version: 001****Status:**

Flow Name:	Rejection of Scottish Generation Allocation Schedule
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2775	Data Item 'GA Schedule Sequence Number' added to Group 725.
Version 4	2777	Data Items 'Generator Id' and 'Supplier Id' added to Group 725.
Version 4	2779	Data Item 'In-Perpetuity Schedule Marker' added to Group 725.
Version 4	2780	Range of Groups 725, 726, 729, 730, 731 and 732 changed.
Version 7.2	3145	Flow Notes changed.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0259**Flow Version: 001****Status:**

Flow Name:	Notification to New Supplier of Future Changes
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	440	Added as a new flow in response to CR440.
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0259**Flow Version: **002**

Status: Operational

Flow Name:	Notification to New Supplier of Future Changes		
Flow Description:	Advise New Supplier of future changes to metering point details following removal of an Objection to Change of Supplier..		
Flow Ownership:	MRA		
From	To	Version	
MPAS	Supplier	12.5	

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J0821	Deemed Received Date
J0219	Effective from Date {DCA}
J0210	Effective from Date {MOA}
J0334	Effective from Settlement Date {DAA}
J0297	Effective from Settlement Date {MSES}
J0307	Effective from Settlement Date {MSMC}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0117	Effective to Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0301	Meter Timeswitch Code Effective from Date
J0003	MPAN Core
J2243	Primary MPAN
J0071	Profile Class Id
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
755	File Sequence Number	1		G								
					1							File Sequence Number
756	Metering Point Changes	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							Deemed Received Date
					1							Effective from Settlement Date {REGI}

Flow Reference: **D0259**Flow Version: **002**

Status: Operational

					O					Effective to Settlement Date {REGI}
					O					Energisation Status
					O					Effective from Settlement Date {MSES}
					O					Measurement Class Id
					O					Effective from Settlement Date {MSMC}
					O					Meter Timeswitch Code
					O					Meter Timeswitch Code Effective from Date
					O					Profile Class Id
					O					Effective from Settlement Date {MSPC}
					O					Standard Settlement Configuration Id
					O					Effective from Settlement Date {SCON}
					O					Data Aggregator Id
					O					Data Aggregation Type
					O					Effective from Settlement Date {DAA}
					O					Data Collector Id
					O					Data Collector Type
					O					Effective from Date {DCA}
					O					Meter Operator Id
					O					Meter Operator Type
					O					Effective from Date {MOA}
					1					Related MPAN Indicator
59M	Relates MPANs	1-*	If Related MPAN Indicator equals Y		G					
					1					Primary MPAN
					1					Secondary MPAN

Commented [JW142]: Message Collection Conditional Rule

Notes:	Each optional data item becomes mandatory if there has been a change to that individual item. The 'Deemed Received Date' refers to the date on which the objection was deemed to have been removed.
---------------	--

Commented [JW143]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	440	Added as a new flow in response to CR440.
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: D0260**Flow Version: 001****Status:**

Flow Name:	Notification from MPAS of Old Supplier Registration Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	442	Added as a new flow in response to CR442.
Version 3.1	2073	Old Supplier Id added as per OFFER ruling.
Version 7.9	3229	Notes Removed
Version 7.9	3233	Data Item J0923 made mandatory
Version 10.7	3362	New Data Items added to support the extended 'Smart' MPAD.
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0260**Flow Version: **002**

Status: Operational

Flow Name:	Notification from MPAS of Old Supplier Registration Details
Flow Description:	Advise New Supplier of Old Supplier's Registration Details..
Flow Ownership:	MRA

From	To	Version
MPAS	Supplier	12.5

Data Items:

Reference	Item Name
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0205	Data Collector Id
J0218	Data Collector Type
J1836	Effective from Date {IHDI}
J1838	Effective from Date {SMSO}
J0049	Effective from Settlement Date {REGI}
J0080	Energisation Status
J0330	File Sequence Number
J1835	In Home Display (IHD) Install Status
J0109	Instruction Number
J0723	Instruction Type
J0082	Measurement Class Id
J0178	Meter Operator Id
J0675	Meter Operator Type
J0220	Meter Timeswitch Code
J0003	MPAN Core
J0923	Old Supplier Id
J2243	Primary MPAN
J0071	Profile Class Id
J2245	Related MPAN Indicator
J2244	Secondary MPAN
J1837	Smart Metering System Operator Id
J1839	SMETS Version
J0076	Standard Settlement Configuration Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
757	File Sequence Number	1		G								
					1							File Sequence Number
758	Registration Details	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Effective from Settlement Date {REGI}
						1						Old Supplier Id
						O						Energisation Status
						O						Measurement Class Id
						O						Meter Timeswitch Code
						O						Profile Class Id

Flow Reference: **D0260**Flow Version: **002**

Status: Operational

					O						Standard Settlement Configuration Id
					O						Data Aggregator Id
					O						Data Aggregation Type
					O						Data Collector Id
					O						Data Collector Type
					O						Meter Operator Id
					O						Meter Operator Type
					O						SMETS Version
					O						Smart Metering System Operator Id
					O						Effective from Date {SMSO}
					O						In Home Display (IHD) Install Status
					O						Effective from Date {IHD1}
					1						Related MPAN Indicator
60M	Related MPANs	1-*	If Related MPAN Indicator equals Y		G						
					1						Primary MPAN
					1						Secondary MPAN

Commented [JW144]: Message Collection Conditional Rule

Notes:**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	442	Added as a new flow in response to CR442.
Version 3.1	2073	Old Supplier Id added as per OFFER ruling.
Version 7.9	3229	Notes Removed
Version 7.9	3233	Data Item J0923 made mandatory
Version 10.7	3362	New Data Items added to support the extended 'Smart' MPAD.
Version 12.5	3550	Flow Version 002 created and New Data Items and Group added

Flow Reference: **D0261**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Agent Appointment
Flow Description:	Rejection of appointment and terms of renewal of contractual terms..
Flow Ownership:	MRA

From	To	Version
HHDA	Supplier	3.1
HHDC	Supplier	3.1
MOP	Supplier	3.1
NHHDA	Supplier	3.1
NHHDC	Supplier	3.1

Data Items:

Reference	Item Name
J0048	Contract Reference
J0049	Effective from Settlement Date {REGI}
J0003	MPAN Core
J1016	Rejection of Agent Appointment Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
761	Rejection of Contract Details	1-*		G								
					1							MPAN Core
					1							Contract Reference
					1							Effective from Settlement Date {REGI}
					1							Rejection of Agent Appointment Code

Notes:	Agents are not required to check all conditions implied by the Rejection of Agent Appointment Codes. The codes merely allow appointment rejection where the Agent(s) has made the check(s) and wishes to reject the appointment.
---------------	--

Commented [JW145]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.1	387	Flow added as a rejection of D0011 as agreed in Workshop.
Version 4	2697	All flow occurrences to Distributor (Scotland) removed.
Version 5.1	2982	Notes added.
Version 8.4	3271	Instances of HHDC and MOP to Generator (Scotland) removed

Flow Reference: **D0262**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Disconnection		
Flow Description:	Where the Distributor has been requested to disconnect and then discovers that circumstances have changed and the work is no longer required, he will inform the participants of the rejection of the request..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	Supplier	3.1	

Data Items:

Reference	Item Name
J0012	Additional Information
J0375	Customer Name
J1722	Failure to Disconnect Reason Code
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0003	MPAN Core
J0171	Reading Type
J0040	Register Reading

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
767	MPAN Cores	1-*		G								
					I							MPAN Core
					O							Customer Name
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9

Flow Reference: **D0262**Flow Version: **001**

Status: Operational

				1							Failure to Disconnect Reason Code
				O							Additional Information
768	Meter Details per MPAN Core	0-*		G							
				O							Meter Id (Serial Number)
769	Register Details per Meter	0-*		G							
					O						Meter Register Id
					O						Register Reading
					O						Reading Type

Notes:	The usage of address in this flow is optional, however if an address is to be sent, all known lines must be sent.
---------------	---

Commented [JW146]: General Address Rule / Additional condition

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.101	2108	Notes added to clarify address format
Version 3.2	2289	Data Item J0691 replaced with new data item J1253.
Version 4	2411	Flow name and description changed.
Version 4.1	2894	Flow occurrence from Distributor to MOP removed.
Version 7.4	3155	Range of Groups 768 and 769 changed to '0-*'.
Version 10.1	3326	Removed J1253 Data Item (Failure to Energise, De-energise or Disconnect Reason Code). Added new Data Item J1722 (Failure to Disconnect Reason Code) with corresponding coded value set. Remove J0080 (Energisation Status) from flow

Flow Reference: D0264**Flow Version: 001****Status:**

Flow Name:	Scottish Supplier Deliveries Report
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2590	Data Items 'SSA Settlement Date', 'SSA Settlement Run Number', and 'SSA Settlement Run Type Id' added to Group 775.
Version 4	2780	Range of Groups 775 and 776 changed and notes added.
Version 4	2847	Data Item 'Period Supplier Purchase Total' replaced by 'Period Supplier Delivery Total' in group 777.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: **D0265**Flow Version: **001**

Status: Operational

Flow Name:	Line Loss Factor Data File		
Flow Description:	Details of line loss factors published by line loss factor class.		
Flow Ownership:	BSC		
From	To	Version	
Distributor	HHDA	3.1	
Distributor	Supplier	3.2	
Distributor	SVAA	6.0	

Data Items:

Reference	Item Name
J0189	Distributor Id
J0156	Line Loss Factor
J0147	Line Loss Factor Class Id
J0073	Settlement Date
J0074	Settlement Period Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
DIS	Distributor	1		G								
					1							Distributor Id
LLF	Line Loss Factor Class	0-*		G								
					1							Line Loss Factor Class Id
SDT	Settlement Date	0-*		G								
						1						Settlement Date
SPL	Settlement Period Line Loss Factor	0-*			G							
							1					Settlement Period Id
							1					Line Loss Factor

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.2	2396	Flow occurrence from Distributor to Supplier added.
Version 4	2758	Flow occurrence from Distributor to IARA added.
Version 4	2804	Flow occurrence changed from 'PRS Agent to ISRA' to 'Distributor to ISRA'.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from Distributor to SVAA added
Version 7.7	3221	Notes added
Version 8.4	3271	Instance of Distributor to IARA removed
Version 8.5	3274	Instance of Distributor to ISRA removed
Version 11.8	3497	Housekeeping amendment -Removal of Note

Flow Reference: D0266**Flow Version: 001****Status:** Operational

Flow Name:	Supplier Settlement Header Report	
Flow Description:	A report summarising the various production run details which were included within a settlement run..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0244	BSC Trading Party Id
J1023	CDCS Extract Number
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J1203	Data Aggregator Run Number
J1204	Data Aggregator Run Settlement Date
J0217	Data Aggregator Type
J1104	GSP Group
J0066	GSP Group Id
J0873	Profile Production Run Date
J0772	Profile Production Run Number
J0874	Profile Production Run Time
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0652	SAA Settlement Date
J0649	SAA Settlement Run Number
J0650	SAA Settlement Run Type Id
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J1180	Settlement Run Status Description
J0195	SSR Run Date
J0196	SSR Run Number
J1207	SSR Run Status
J1210	SSR Run Type
J0084	Supplier Id
J0248	Supplier Name
J1181	System Market Participant Id
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD		1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT		1		G								
					1							User Name

Flow Reference: **D0266**Flow Version: **001**

Status: Operational

				1						Report Parameters
HDR		1		G						
				1						Supplier Id
				1						Supplier Name
				1						BSC Trading Party Id
				1						Settlement Date
				1						Settlement Code
				1						Settlement Code Description
SSR		1		G						
				1						SSR Run Number
				1						SSR Run Date
				1						SSR Run Type
				1						Settlement Code Description
				1						SSR Run Status
				1						Settlement Run Status Description
GP1		0-*		G						
					1					GSP Group Id
IDD		0-*		G						
				1						System Market Participant Id
				1						Profile Production Run Number
				1						Profile Production Run Date
				1						Profile Production Run Time
GP2		0-*		G						
					1					GSP Group Id
DA		0-*		G						
				1						Data Aggregator Id
				1						Data Aggregator Name
				1						Data Aggregator Type
				1						Data Aggregator Run Number
				1						Data Aggregator Run Settlement Date
GP3		0-*		G						
					1					GSP Group Id
SSA		1		G						
				1						SAA Settlement Run Number
				1						SAA Settlement Date
				1						SAA Settlement Run Type Id
				1						CDCS Extract Number

Notes:

Flow Reference: D0266**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.101	2107	Data Item J1215 replaced by J0066.
Version 4	2759	Flow occurrence from IARA to Supplier added.
Version 4	2846	Group GPI changed to GP1.
Version 4.1	2859	Flow description changed.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed

Flow Reference: D0267**Flow Version: 001****Status:**

Flow Name:	Pool Settlements Timetable File
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2704	Flow Occurrence from ISRA to NHHDA replaced with MDDA to NHHDA.
Version 4	2760	Flow occurrence from IARA to NHHDA added.
Version 4.4	2975	Flow occurrence from IARA to NHHDA removed.
Version 5.2	3045	Flow removed from DTC.

Flow Reference: D0268**Flow Version: 001****Status:** Operational

Flow Name:	Half Hourly Meter Technical Details		
Flow Description:	Half Hourly Meter Technical Details are transferred when there is a change in equipment, configuration or upon change of Agent..		
Flow Ownership:	MRA		
From	To	Version	
MOP	Distributor	3.2	
MOP	HHDC	3.2	
MOP	MOP	3.2	
MOP	Supplier	3.2	

Data Items:

Reference	Item Name
J0012	Additional Information
J0476	Associated Meter Id
J0477	Associated Meter Register Id
J1260	Baud Rate
J0382	Channel Number
J0385	Communications Address
J0386	Communications Method
J1687	Complex Site Indicator
J0454	CT Ratio
J1269	Date of Meter Removal
J1690	Dial In/ Dial Out Indicator
J1254	Effective from Settlement Date {MSMTD}
J1689	Event Indicator
J1684	Feeder Status
J1685	Feeder Status Effective From Date
J0410	Manufacturers Make & Type
J0103	Measurement Quantity Id
J1677	Meter Asset Provider Id
J0418	Meter COP
J1686	Meter COP Issue Number
J0501	Meter Current Rating
J1025	Meter Equipment/Service Location
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0475	Meter Register Multiplier
J1691	Modem Type
J0003	MPAN Core
J0427	Number of Phases
J0478	Number of Register Digits
J0428	Outstation Id
J1688	Outstation Multiplier
J0469	Outstation Number of Channels
J1256	Outstation Number of Dials
J0470	Outstation Password Level 1
J1257	Outstation Password Level 2
J0464	Outstation PIN
J0471	Outstation Type
J0432	Pulse Multiplier
J1258	Reader Password

Flow Reference: **D0268**Flow Version: **001**

Status: Operational

Reference	Item Name
J1261	Sequence MPAN Core
J1262	Sequence Outstation Id
J1255	System Voltage
J0455	VT Ratio

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
01A	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {MSMTD}
					1							Meter COP
					O							Meter COP Issue Number
					1							Complex Site Indicator
					O							Meter Equipment/Service Location
					1							System Voltage
					1							Number of Phases
					1							Event Indicator
					O							Additional Information
02A	Outstation Details	1-*	If Meter at metering point	G								
						1						Outstation Id
						1						Outstation Type
						O						Modem Type
						1						Outstation Number of Channels
						1						Outstation Number of Dials
						O						Outstation PIN
						O						Outstation Password Level 1
						O						Outstation Password Level 2
						O						Reader Password
						1						Communications Method
						O						Dial In/ Dial Out Indicator
						O						Communications Address
						O						Baud Rate
						O						Sequence MPAN Core
						O						Sequence Outstation Id
03A	Meter Details	1-*	If Meter at metering point	G								
						1						Meter Id (Serial Number)
						O						Manufacturers Make & Type
						O						Meter Current Rating
						O						VT Ratio
						O						CT Ratio
						1						Feeder Status
						1						Feeder Status Effective From Date
						1						Meter Asset Provider Id
04A	Meter Register Details	1-*			G							
							1					Meter Register Id
							1					Outstation Id
							1					Channel Number

Commented [JW147]: Message Collection Conditional Rule

Commented [JW148]: Message Collection Conditional Rule

Flow Reference: **D0268**Flow Version: **001**

Status: Operational

						1				Pulse Multiplier
						1				Meter Register Multiplier
						1				Outstation Multiplier
						1				Measurement Quantity Id
						1				Number of Register Digits
						O				Associated Meter Id
						O				Associated Meter Register Id
81C	Meters Removed	0-*			G					
						1				Meter Id (Serial Number)
						1				Date of Meter Removal
						1				Meter Asset Provider Id

Notes:	See Annex C for Flow Notes
---------------	----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 3.2	2314	New flow created.
Version 4	2741	Flow occurrence from MOP to Generator (Scotland) added.
Version 7.5	3188	Various amendments to flow structure.
Version 8.4	3271	Instance of MOP to Generator (Scotland) removed
Version 8.6	3275	New Event Indicators added and flow notes revised

Flow Reference: D0269**Flow Version: 001****Status:**

Flow Name:	Market Domain Data Complete Set
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of group TTP changed from 'If Teleswitch Time Pattern Regime' and group CKI changed from 'If Timeswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned.

Flow Reference: **D0269**Flow Version: **002**

Status: Operational

Flow Name:	Market Domain Data Complete Set	
Flow Description:	The complete set of data which defines the environment of the 1998 Trading Arrangements. This comprises the parties, which trade, and the networks, configurations and parameters on which the trading is based..	
Flow Ownership:	BSC	
From	To	Version
MDDA	Distributor	4.4
MDDA	GRS Operator	4.4
MDDA	HHDA	4.4
MDDA	HHDC	4.4
MDDA	MOP	4.4
MDDA	MPAS Agent	4.4
MDDA	NHHDA	4.4
MDDA	NHHDC	4.4
MDDA	Supplier	4.4
SVAA	Distributor	6.0
SVAA	Grid Operator	6.0
SVAA	HHDA	6.0
SVAA	HHDC	6.0
SVAA	MOP	6.0
SVAA	MPAS Agent	6.0
SVAA	NHHDA	6.0
SVAA	NHHDC	6.0
SVAA	Supplier	6.0
SVAA	SVAA	6.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1299	Address Line
J0133	Average Fraction of Yearly Consumption
J0244	BSC Trading Party Id
J0725	Change Date
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J1291	Day of the Week Description
J0726	Day of the Week Id
J1290	Day Type Description
J0127	Day Type Id
J1301	Default Period Profile Class Coefficient
J0727	Direction of Energy Flow
J1310	Distributor Business Id
J0189	Distributor Id
J0729	Effective From Date {IAA & SVAA}
J1297	Effective from Date {MPR}
J0730	Effective From Date {PAA}

Flow Reference: D0269**Flow Version: 002****Status: Operational**

Reference	Item Name
J0731	Effective from Settlement Date {AFOYCS}
J0732	Effective from Settlement Date {GGCSF}
J0728	Effective from Settlement Date {GGD}
J0763	Effective from Settlement Date {GGPCAE}
J0733	Effective from Settlement Date {LLFC}
J0299	Effective from Settlement Date {MCLA}
J1599	Effective From Settlement Date {MMT}
J1600	Effective From Settlement Date {MPT}
J1601	Effective From Settlement Date {MTC}
J1602	Effective From Settlement Date {MTCPA}
J0774	Effective from Settlement Date {OT}
J0777	Effective from Settlement Date {PCLA}
J0125	Effective from Settlement Date {PROF}
J0734	Effective from Settlement Date {PSET}
J0764	Effective from Settlement Date {SPAR}
J0496	Effective from Settlement Date {SSC}
J0765	Effective from Settlement Date {TPAR}
J1603	Effective From Settlement Date {VMTCLC}
J1604	Effective From Settlement Date {VMTCLSC}
J1605	Effective From Settlement Date {VMTCSCL}
J0398	Effective from Settlement Date {VSCPC}
J0736	Effective to Date {IAA & SVAA}
J1298	Effective to Date {MPR}
J0737	Effective to Date {PAA}
J0738	Effective to Settlement Date {AFOYCS}
J0739	Effective to Settlement Date {GGCSF}
J0735	Effective to Settlement Date {GGD}
J0740	Effective to Settlement Date {LLFC}
J0741	Effective to Settlement Date {MCLA}
J1606	Effective To Settlement Date {MMT}
J1607	Effective To Settlement Date {MPT}
J1608	Effective To Settlement Date {MTC}
J1609	Effective To Settlement Date {MTCPA}
J0778	Effective to Settlement Date {PCLA}
J0400	Effective to Settlement Date {PROF}
J0766	Effective to Settlement Date {PSET}
J0401	Effective to Settlement Date {SSC}
J1610	Effective To Settlement Date {VMTCLC}
J1611	Effective To Settlement Date {VMTCLSC}
J1612	Effective To Settlement Date {VMTCSCL}
J0447	Effective to Settlement Date {VSCPC}
J0287	End Day
J0288	End Month
J0143	End Time
J0080	Energisation Status
J1293	Energisation Status Description
J0744	GMT Indicator
J0745	GMT Time
J1303	Group Average Consumption
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name

Flow Reference: D0269**Flow Version: 002****Status:** Operational

Reference	Item Name
J0776	Line Loss Factor Class Description
J0147	Line Loss Factor Class Id
J0002	Market Participant Id
J0750	Market Participant Name
J0001	Market Participant Role Code
J0753	Market Role Description
J0773	MDD Publication Date
J0754	MDD Version Number
J0311	Measurement Class Description
J0082	Measurement Class Id
J1306	Measurement Quantity Description
J0103	Measurement Quantity Id
J0220	Meter Timeswitch Code
J1613	Meter Timeswitch Code Description
J0164	Metered/Unmetered Indicator
J0111	MPAS Agent Id
J0775	MS Specific LLF Class Indicator
J1614	MTC Common Code Indicator
J1615	MTC Communication Indicator
J1617	MTC Meter Type Description
J1616	MTC Meter Type Id
J1619	MTC Payment Type Description
J1618	MTC Payment Type Id
J1620	MTC Related Metering System Indicator
J1621	MTC TPR Count
J1622	MTC Type Indicator
J1287	Off Tolerance
J0902	Payment Date
J0756	Post Change Local Time
J0757	Postcode
J0122	Profile Class Description
J0071	Profile Class Id
J0124	Profile Description
J0072	Profile Id
J0878	Profile Settlement Periods
J0433	Regression Coefficient
J1289	Regression Coefficient Description
J0285	Regression Coefficient Type
J0768	Researched Average EAC
J0918	SAA Notification Deadline Date
J0916	Season Description
J0128	Season Id
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0914	Settlement Sequence Number
J0758	Smoothing Parameter
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J0289	Start Day

Flow Reference: **D0269**Flow Version: **002**

Status: Operational

Reference	Item Name
J0290	Start Month
J0142	Start Time
J0240	Supplier Volume Allocation Agent Id
J0747	SVA Notification Deadline Date
J0132	Switched Load Indicator
J0123	Switched Load Profile Class Ind
J0136	Tele-Switch Group Id
J0137	Tele-Switch Switch Id
J0135	Tele-Switch User Id
J0134	Tele-Switch/Clock Indicator
J0760	Threshold Parameter
J1214	Time Pattern Regime Id
J1294	Year

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
MDD	Market Domain Data Version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
OFT	Off Tolerance Parameters	0-*		G								
					1							Off Tolerance
					1							Effective from Settlement Date {OT}
THP	Threshold Parameters	0-*		G								
					1							Threshold Parameter
					1							Effective from Settlement Date {TPAR}
SMP	Smoothing Parameters	0-*		G								
					1							Smoothing Parameter
					1							Effective from Settlement Date {SPAR}
RCT	Regression Coefficient Types	0-*		G								
					1							Regression Coefficient Type
					1							Regression Coefficient Description
DYT	Day Types	0-*		G								
					1							Day Type Id
					1							Day Type Description
DOW	Day of the Week	0-*		G								
					1							Day of the Week Id
					1							Day of the Week Description
MRO	Market Roles	0-*		G								
					1							Market Participant Role Code
					1							Market Role Description
MCD	Measurement Class Details	0-*		G								
					1							Measurement Class Id
					1							Measurement Class Description
					1							Effective from Settlement Date {MCLA}
					O							Effective to Settlement Date {MCLA}

Status: Operational

27 February 2020

Flow Reference: **D0269**Flow Version: **002**

Status: Operational

					1						Default Period Profile Class Coefficient
PRO	Profile Details	0-*		G							
					1						Profile Id
					1						Profile Description
					1						Profile Settlement Periods
					1						Effective from Settlement Date {PROF}
					O						Effective to Settlement Date {PROF}
PFL	Profile Set	0-*		G							
					1						Effective from Settlement Date {PSET}
					O						Effective to Settlement Date {PSET}
GSP	GSP Group Average EAC	0-*		G							
						1					GSP Group Id
						1					Group Average Consumption
RES	Regression Equation Set	0-*		G							
						1					Day Type Id
						1					Season Id
PER	Period Regression Equation	0-*		G							
							1				Settlement Period Id
COF	Regression Coefficient	0-*					G				
								1			Regression Coefficient
								1			Regression Coefficient Type
TPD	Time Pattern Regime Details	0-*		G							
					1						GMT Indicator
					1						Time Pattern Regime Id
					1						Tele-Switch/Clock Indicator
TTP	Tele-switch Time Pattern Regime Details	1	If Tele-Switch/Clock Indicator = S	G							
					1						Tele-Switch Group Id
					1						Tele-Switch Switch Id
					1						Tele-Switch User Id
CKI	Clock Interval	1-*	If Tele-Switch/Clock Indicator = C	G							
					1						Day of the Week Id
					1						End Day
					1						End Month
					1						End Time
					1						Start Day
					1						Start Month
					1						Start Time
SCI	Standard Settlement Configuration Details	0-*		G							
					1						Standard Settlement Configuration Id
					1						Standard Settlement Configuration Desc
					1						Effective from Settlement Date {SSC}
					O						Effective to Settlement Date {SSC}

Commented [JW149]: Message Collection Conditional Rule

Commented [JW150]: Message Collection Conditional Rule

Status: Operational

27 February 2020

Flow Reference: **D0269**Flow Version: **002**

Status: Operational

				1						Effective From Settlement Date {MMT}
				O						Effective To Settlement Date {MMT}
MPT	MTC Payment Type	0-*		G						
				1						MTC Payment Type Id
				1						MTC Payment Type Description
				1						Effective From Settlement Date {MPT}
				O						Effective To Settlement Date {MPT}
MTC	Meter Timeswitch Code	0-*		G						
				1						Meter Timeswitch Code
				1						Effective From Settlement Date {MTC}
				1						MTC Common Code Indicator
				1						MTC Related Metering System Indicator
				O						Effective To Settlement Date {MTC}
				O						MTC Meter Type Id
				O						MTC Payment Type Id
				O						Meter Timeswitch Code Description
				O						MTC Communication Indicator
				O						MTC Type Indicator
				O						MTC TPR Count
MPA	MTC in Distribution Services Area	0-*		G						
				1						Distributor Id
				1						Effective From Settlement Date {MTCPA}
				O						Effective To Settlement Date {MTCPA}
				O						MTC Meter Type Id
				O						MTC Payment Type Id
				O						Meter Timeswitch Code Description
				O						MTC Communication Indicator
				O						MTC Type Indicator
				O						MTC TPR Count
VML	Valid MTC LLFC Combination	0-*	If MTC Type Indicator = 'H'	G						
				1						Line Loss Factor Class Id
				1						Effective From Settlement Date {VMTCLC}
				O						Effective To Settlement Date {VMTCLC}
VMS	Valid MTC SSC Combination	0-*	If MTC Type Indicator = 'N'	G						
				1						Standard Settlement Configuration Id

Commented [JW151]: Message Collection Conditional Rule

Commented [JW152]: Message Collection Conditional Rule

Flow Reference: **D0269**Flow Version: **002**

Status: Operational

						1				Effective From Settlement Date {VMTCS}
						O				Effective To Settlement Date {VMTCS}
VLS	Valid MTC LLFC SSC Combination	0-*				G				
						1				Line Loss Factor Class Id
						1				Effective From Settlement Date {VMTCLSC}
						O				Effective To Settlement Date {VMTCLSC}

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of group TTP changed from 'If Teleswitch Time Pattern Regime' and group CKI changed from 'If Timeswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned.

Flow Reference: D0269**Flow Version: 003****Status:**

Flow Name:	Market Domain Data Complete Set
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of group TTP changed from 'If Teleswitch Time Pattern Regime' and group CKI changed from 'If Timeswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned.

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

Flow Name:	Market Domain Data Complete Set	
Flow Description:	The complete set of data which defines the environment of the 1998 Trading Arrangements. This comprises the parties, which trade, and the networks, configurations and parameters on which the trading is based..	
Flow Ownership:	BSC	
From	To	Version
MDDA	Distributor	9.4
MDDA	GRS Operator	9.4
MDDA	HHDA	9.4
MDDA	HHDC	9.4
MDDA	MOP	9.4
MDDA	MPAS Agent	9.4
MDDA	NHHDA	9.4
MDDA	NHHDC	9.4
MDDA	Supplier	9.4
SVAA	Distributor	9.4
SVAA	Grid Operator	9.4
SVAA	HHDA	9.4
SVAA	HHDC	9.4
SVAA	MOP	9.4
SVAA	MPAS Agent	9.4
SVAA	NHHDA	9.4
SVAA	NHHDC	9.4
SVAA	Supplier	9.4
SVAA	SVAA	9.4

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1299	Address Line
J0133	Average Fraction of Yearly Consumption
J0244	BSC Trading Party Id
J0725	Change Date
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J1291	Day of the Week Description
J0726	Day of the Week Id
J1290	Day Type Description
J0127	Day Type Id
J1301	Default Period Profile Class Coefficient
J0727	Direction of Energy Flow
J1310	Distributor Business Id
J0189	Distributor Id
J0729	Effective From Date {IAA & SVAA}
J1297	Effective from Date {MPR}
J0730	Effective From Date {PAA}

Flow Reference: D0269**Flow Version: 004****Status: Operational**

Reference	Item Name
J0731	Effective from Settlement Date {AFOYCS}
J0732	Effective from Settlement Date {GGCSF}
J0728	Effective from Settlement Date {GGD}
J0763	Effective from Settlement Date {GGPCAE}
J0733	Effective from Settlement Date {LLFC}
J0299	Effective from Settlement Date {MCLA}
J1599	Effective From Settlement Date {MMT}
J1600	Effective From Settlement Date {MPT}
J1601	Effective From Settlement Date {MTC}
J1602	Effective From Settlement Date {MTCPA}
J0774	Effective from Settlement Date {OT}
J0777	Effective from Settlement Date {PCLA}
J0125	Effective from Settlement Date {PROF}
J0734	Effective from Settlement Date {PSET}
J0764	Effective from Settlement Date {SPAR}
J0496	Effective from Settlement Date {SSC}
J0765	Effective from Settlement Date {TPAR}
J1603	Effective From Settlement Date {VMTCLC}
J1604	Effective From Settlement Date {VMTCLSC}
J1706	Effective From Settlement Date {VMTCLSPC}
J1605	Effective From Settlement Date {VMTCSC}
J0398	Effective from Settlement Date {VSCPC}
J0736	Effective to Date {IAA & SVAA}
J1298	Effective to Date {MPR}
J0737	Effective to Date {PAA}
J0738	Effective to Settlement Date {AFOYCS}
J0739	Effective to Settlement Date {GGCSF}
J0735	Effective to Settlement Date {GGD}
J0740	Effective to Settlement Date {LLFC}
J0741	Effective to Settlement Date {MCLA}
J1606	Effective To Settlement Date {MMT}
J1607	Effective To Settlement Date {MPT}
J1608	Effective To Settlement Date {MTC}
J1609	Effective To Settlement Date {MTCPA}
J0778	Effective to Settlement Date {PCLA}
J0400	Effective to Settlement Date {PROF}
J0766	Effective to Settlement Date {PSET}
J0401	Effective to Settlement Date {SSC}
J1610	Effective To Settlement Date {VMTCLC}
J1611	Effective To Settlement Date {VMTCLSC}
J1707	Effective To Settlement Date {VMTCLSPC}
J1612	Effective To Settlement Date {VMTCSC}
J0447	Effective to Settlement Date {VSCPC}
J0287	End Day
J0288	End Month
J0143	End Time
J0080	Energisation Status
J1293	Energisation Status Description
J0744	GMT Indicator
J0745	GMT Time
J1303	Group Average Consumption
J0165	GSP Group Correction Scaling Factor

Flow Reference: D0269**Flow Version: 004****Status:** Operational

Reference	Item Name
J0066	GSP Group Id
J0269	GSP Group Name
J0776	Line Loss Factor Class Description
J0147	Line Loss Factor Class Id
J0002	Market Participant Id
J0750	Market Participant Name
J0001	Market Participant Role Code
J0753	Market Role Description
J0773	MDD Publication Date
J0754	MDD Version Number
J0311	Measurement Class Description
J0082	Measurement Class Id
J1306	Measurement Quantity Description
J0103	Measurement Quantity Id
J0220	Meter Timeswitch Code
J1613	Meter Timeswitch Code Description
J0164	Metered/Unmetered Indicator
J0111	MPAS Agent Id
J0775	MS Specific LLF Class Indicator
J1614	MTC Common Code Indicator
J1615	MTC Communication Indicator
J1617	MTC Meter Type Description
J1616	MTC Meter Type Id
J1619	MTC Payment Type Description
J1618	MTC Payment Type Id
J1620	MTC Related Metering System Indicator
J1621	MTC TPR Count
J1622	MTC Type Indicator
J1287	Off Tolerance
J0902	Payment Date
J0756	Post Change Local Time
J0757	Postcode
J1708	Preserved Tariff Indicator
J0122	Profile Class Description
J0071	Profile Class Id
J0124	Profile Description
J0072	Profile Id
J0878	Profile Settlement Periods
J0433	Regression Coefficient
J1289	Regression Coefficient Description
J0285	Regression Coefficient Type
J0768	Researched Average EAC
J0918	SAA Notification Deadline Date
J0916	Season Description
J0128	Season Id
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0914	Settlement Sequence Number
J0758	Smoothing Parameter

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

Reference	Item Name
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J1683	Standard Settlement Configuration Type
J0289	Start Day
J0290	Start Month
J0142	Start Time
J0240	Supplier Volume Allocation Agent Id
J0747	SVA Notification Deadline Date
J0132	Switched Load Indicator
J0123	Switched Load Profile Class Ind
J0136	Tele-Switch Group Id
J0137	Tele-Switch Switch Id
J0135	Tele-Switch User Id
J0134	Tele-Switch/Clock Indicator
J0760	Threshold Parameter
J1214	Time Pattern Regime Id
J1294	Year

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
MDD	Market Domain Data Version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
OFT	Off Tolerance Parameters	0-*		G								
					1							Off Tolerance
					1							Effective from Settlement Date {OT}
THP	Threshold Parameters	0-*		G								
					1							Threshold Parameter
					1							Effective from Settlement Date {TPAR}
SMP	Smoothing Parameters	0-*		G								
					1							Smoothing Parameter
					1							Effective from Settlement Date {SPAR}
RCT	Regression Coefficient Types	0-*		G								
					1							Regression Coefficient Type
					1							Regression Coefficient Description
DYT	Day Types	0-*		G								
					1							Day Type Id
					1							Day Type Description
DOW	Day of the Week	0-*		G								
					1							Day of the Week Id
					1							Day of the Week Description
MRO	Market Roles	0-*		G								
					1							Market Participant Role Code
					1							Market Role Description
MCD	Measurement Class Details	0-*		G								
					1							Measurement Class Id

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

				1						Measurement Class Description
				1						Effective from Settlement Date {MCLA}
				O						Effective to Settlement Date {MCLA}
CTC	Clock Time Changes	0-*		G						
				1						Change Date
				1						GMT Time
				1						Post Change Local Time
EGS	Energisation Status	0-*		G						
				1						Energisation Status
				1						Energisation Status Description
STD	Settlement Type Details	0-*		G						
				1						Settlement Code
				1						Settlement Code Description
				O						Settlement Sequence Number
SED	Season Details	0-*		G						
				1						Season Id
				1						Season Description
YEA	Year	0-*		G						
				1						Year
YSD	Yearly Season Details	0-*		G						
				1						Season Id
				1						Start Month
				1						Start Day
				1						End Month
				1						End Day
SDT	Settlement Day	0-*		G						
				1						Settlement Date
				1						Day Type Id
				1						Season Id
PST	BSC Settlement Timetable Details	0-*		G						
				1						Settlement Code
				1						Settlement Date
				1						Payment Date
				1						SVA Notification Deadline Date
				1						SAA Notification Deadline Date
SET	Settlement Period	0-*		G						
				1						Settlement Date
				1						Settlement Period Id
				1						Settlement Period Label
MAP	Market Participants	0-*		G						
				1						Market Participant Id
				1						Market Participant Name
				O						BSC Trading Party Id
MPR	Market Participant Roles	0-*		G						
				1						Market Participant Role Code
				1						Effective from Date {MPR}

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

					O					Effective to Date {MPR}
					O					Distributor Business Id
					1					Postcode
ADL	Address Line	0-*			G					
						1				Address Line
GSG	GSP Groups	0-*		G						
					1					GSP Group Id
					1					GSP Group Name
GGD	GSP Group Distributors	0-*		G						
					1					Distributor Id
					1					Market Participant Role Code
					1					Effective from Date {MPR}
					1					Effective from Settlement Date {GGD}
					O					Effective to Settlement Date {GGD}
PAA	MPAS Agent Appointment	0-*		G						
					1					MPAS Agent Id
					1					Market Participant Role Code
					1					Effective from Date {MPR}
					1					Effective From Date {PAA}
					O					Effective to Date {PAA}
IAA	ISR Agent Appointment	0-*		G						
					1					Supplier Volume Allocation Agent Id
					1					Market Participant Role Code
					1					Effective from Date {MPR}
					1					Effective From Date {IAA & SVAA}
					O					Effective to Date {IAA & SVAA}
LLF	Line Loss Factor Classes	0-*		G						
					1					Distributor Id
					1					Market Participant Role Code
					1					Effective from Date {MPR}
					1					Line Loss Factor Class Id
					1					Line Loss Factor Class Description
					1					MS Specific LLF Class Indicator
					1					Effective from Settlement Date {LLFC}
					O					Effective to Settlement Date {LLFC}
PFC	Profile Class Details	0-*		G						
					1					Profile Class Id
					1					Profile Class Description
					1					Switched Load Profile Class Ind
					1					Effective from Settlement Date {PCLA}

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

				O						Effective to Settlement Date {PCLA}
DPP	Default Period Profile Class Coefficient	0-*		G						
					1					Settlement Period Id
					1					Settlement Date
					1					Default Period Profile Class Coefficient
PRO	Profile Details	0-*		G						
					1					Profile Id
					1					Profile Description
					1					Profile Settlement Periods
					1					Effective from Settlement Date {PROF}
					O					Effective to Settlement Date {PROF}
PFL	Profile Set	0-*		G						
						1				Effective from Settlement Date {PSET}
						O				Effective to Settlement Date {PSET}
GSP	GSP Group Average EAC	0-*		G						
							1			GSP Group Id
							1			Group Average Consumption
RES	Regression Equation Set	0-*		G						
						1				Day Type Id
						1				Season Id
PER	Period Regression Equation	0-*		G						
							1			Settlement Period Id
COF	Regression Coefficient	0-*					G			
								1		Regression Coefficient
								1		Regression Coefficient Type
TPD	Time Pattern Regime Details	0-*		G						
					1					GMT Indicator
					1					Time Pattern Regime Id
					1					Tele-Switch/Clock Indicator
TTP	Tele-switch Time Pattern Regime Details	1	If Tele-Switch/Clock Indicator = S	G						
					1					Tele-Switch Group Id
					1					Tele-Switch Switch Id
					1					Tele-Switch User Id
CKI	Clock Interval	1-*	If Tele-Switch/Clock Indicator = C	G						
					1					Day of the Week Id
					1					End Day
					1					End Month
					1					End Time
					1					Start Day
					1					Start Month
					1					Start Time
SCE	Standard Settlement Configuration Details	0-*		G						
					1					Standard Settlement Configuration Id

Commented [JW153]: Message Collection Conditional Rule

Commented [JW154]: Message Collection Conditional Rule

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

				1						Standard Settlement Configuration Desc
				1						Effective from Settlement Date {SSC}
				O						Effective to Settlement Date {SSC}
				1						Standard Settlement Configuration Type
TPR	Measurement Requirement	0-*		G						
				1						Time Pattern Regime Id
VSD	VSCPC Details	0-*		G						
				1						Profile Class Id
				1						Effective from Settlement Date {VSCPC}
				O						Effective to Settlement Date {VSCPC}
GAE	GSP Group Profile Class Average EACs	0-*		G						
				1						GSP Group Id
				1						Researched Average EAC
				1						Effective from Settlement Date {GGPCAE}
SLM	Switched Load Measurement Requirement Details	0-*		G						
				1						Switched Load Indicator
				1						Time Pattern Regime Id
ASD	AFYCS Details	0-*		G						
				1						GSP Group Id
				1						Effective from Settlement Date {AFOYCS}
				O						Effective to Settlement Date {AFOYCS}
AFD	Average Fraction of Yearly Consumption Details	0-*		G						
				1						Average Fraction of Yearly Consumption
				1						Time Pattern Regime Id
MEQ	Measurements Quantities	0-*		G						
				1						Measurement Quantity Id
				1						Direction of Energy Flow
				1						Measurement Quantity Description
CCC	Consumption Component Classes	0-*		G						
				1						Consumption Component Class Id
				1						Data Aggregation Type
				1						Metered/Unmetered Indicator
				O						Actual/Estimated Indicator
				O						AA/EAC Indicator
				1						Consumption Component Indicator
GCF	GSP Group Correction Scaling Factor	0-*		G						
				1						Effective from Settlement Date {GGCSF}

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

						1					GSP Group Correction Scaling Factor
						O					Effective to Settlement Date {GGCSF}
MMT	MTC Meter Type	0-*		G							
					1						MTC Meter Type Id
					1						MTC Meter Type Description
					1						Effective From Settlement Date {MMT}
					O						Effective To Settlement Date {MMT}
MPT	MTC Payment Type	0-*		G							
					1						MTC Payment Type Id
					1						MTC Payment Type Description
					1						Effective From Settlement Date {MPT}
					O						Effective To Settlement Date {MPT}
MTC	Meter Timeswitch Code	0-*		G							
					1						Meter Timeswitch Code
					1						Effective From Settlement Date {MTC}
					1						MTC Common Code Indicator
					1						MTC Related Metering System Indicator
					O						Effective To Settlement Date {MTC}
					O						MTC Meter Type Id
					O						MTC Payment Type Id
					O						Meter Timeswitch Code Description
					O						MTC Communication Indicator
					O						MTC Type Indicator
					O						MTC TPR Count
MPA	MTC in Distribution Services Area	0-*		G							
					1						Distributor Id
					1						Effective From Settlement Date {MTCPA}
					O						Effective To Settlement Date {MTCPA}
					O						MTC Meter Type Id
					O						MTC Payment Type Id
					O						Meter Timeswitch Code Description
					O						MTC Communication Indicator
					O						MTC Type Indicator
					O						MTC TPR Count
VML	Valid MTC LLFC Combination	0-*	If MTC Type Indicator = 'H'		G						
						1					Line Loss Factor Class Id

Commented [JW155]: Message Collection Conditional Rule

Flow Reference: **D0269**Flow Version: **004**

Status: Operational

						1				Effective From Settlement Date { VMTCLC }
						O				Effective To Settlement Date { VMTCLC }
VMS	Valid MTC SSC Combination	0-*	If MTC Type Indicator = 'N'			G				
						1				Standard Settlement Configuration Id
						1				Effective From Settlement Date { VMTCLC }
						O				Effective To Settlement Date { VMTCLC }
VLS	Valid MTC LLFC SSC Combination	0-*				G				
						1				Line Loss Factor Class Id
						1				Effective From Settlement Date { VMTCLC }
						O				Effective To Settlement Date { VMTCLC }
VLP	Valid MTC LLFC SSC PC Combination	0-*				G				
						1				Profile Class Id
						1				Effective From Settlement Date { VMTCLSPC }
						O				Effective To Settlement Date { VMTCLSPC }
						1				Preserved Tariff Indicator

Commented [JW156]: Message Collection Conditional Rule

Notes:

Flow Reference: D0269**Flow Version: 004****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of group TTP changed from 'If Teleswitch Time Pattern Regime' and group CKI changed from 'If Timeswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned.

Flow Reference: **D0270**Flow Version: **001**

Status:

Flow Name:	Market Domain Data Incremental Set
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of groups TTP and CKI changed from 'If Teleswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable Details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned
Version 9.4	3304	VLP Group added to new Flow Version 004; Version 003 decommissioned

Flow Reference: D0270**Flow Version: 002****Status:** Operational

Flow Name:	Market Domain Data Incremental Set	
Flow Description:	The set of data which defines differences to the published market domain data since the last publication. Market domain data contains the set of data which defines the environment of the 1998 Trading Arrangements. This comprises the parties which trade, and the networks, configurations and parameters on which trading is based. Note this flow contains the minimum amount of data required to describe the differences between the current complete publication of the market domain data and the previous publication of the market domain data..	
Flow Ownership:	BSC	
From	To	Version
MDDA	Distributor	4.4
MDDA	GRS Operator	4.4
MDDA	HHDA	4.4
MDDA	HHDC	4.4
MDDA	MOP	4.4
MDDA	MPAS Agent	4.4
MDDA	NHHDA	4.4
MDDA	NHHDC	4.4
MDDA	Supplier	4.4
SVAA	Distributor	6.0
SVAA	Grid Operator	6.0
SVAA	HHDA	6.0
SVAA	HHDC	6.0
SVAA	MOP	6.0
SVAA	MPAS Agent	6.0
SVAA	NHHDA	6.0
SVAA	NHHDC	6.0
SVAA	Supplier	6.0
SVAA	SVAA	6.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1299	Address Line
J0133	Average Fraction of Yearly Consumption
J0244	BSC Trading Party Id
J0725	Change Date
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J1291	Day of the Week Description
J0726	Day of the Week Id
J1290	Day Type Description
J0127	Day Type Id
J1301	Default Period Profile Class Coefficient
J0727	Direction of Energy Flow
J1310	Distributor Business Id

Flow Reference: D0270**Flow Version: 002****Status: Operational**

Reference	Item Name
J0189	Distributor Id
J0729	Effective From Date {IAA & SVAA}
J1297	Effective from Date {MPR}
J0730	Effective From Date {PAA}
J0731	Effective from Settlement Date {AFOYCS}
J0732	Effective from Settlement Date {GGCSF}
J0728	Effective from Settlement Date {GGD}
J0763	Effective from Settlement Date {GGPCAE}
J0733	Effective from Settlement Date {LLFC}
J0299	Effective from Settlement Date {MCLA}
J1599	Effective From Settlement Date {MMT}
J1600	Effective From Settlement Date {MPT}
J1601	Effective From Settlement Date {MTC}
J1602	Effective From Settlement Date {MTCPA}
J0774	Effective from Settlement Date {OT}
J0777	Effective from Settlement Date {PCLA}
J0125	Effective from Settlement Date {PROF}
J0734	Effective from Settlement Date {PSET}
J0764	Effective from Settlement Date {SPAR}
J0496	Effective from Settlement Date {SSC}
J0765	Effective from Settlement Date {TPAR}
J1603	Effective From Settlement Date {VMTCLC}
J1604	Effective From Settlement Date {VMTCLSC}
J1605	Effective From Settlement Date {VMTCSCL}
J0398	Effective from Settlement Date {VSCPC}
J0736	Effective to Date {IAA & SVAA}
J1298	Effective to Date {MPR}
J0737	Effective to Date {PAA}
J0738	Effective to Settlement Date {AFOYCS}
J0739	Effective to Settlement Date {GGCSF}
J0735	Effective to Settlement Date {GGD}
J0740	Effective to Settlement Date {LLFC}
J0741	Effective to Settlement Date {MCLA}
J1606	Effective To Settlement Date {MMT}
J1607	Effective To Settlement Date {MPT}
J1608	Effective To Settlement Date {MTC}
J1609	Effective To Settlement Date {MTCPA}
J0778	Effective to Settlement Date {PCLA}
J0400	Effective to Settlement Date {PROF}
J0766	Effective to Settlement Date {PSET}
J0401	Effective to Settlement Date {SSC}
J1610	Effective To Settlement Date {VMTCLC}
J1611	Effective To Settlement Date {VMTCLSC}
J1612	Effective To Settlement Date {VMTCSCL}
J0447	Effective to Settlement Date {VSCPC}
J0287	End Day
J0288	End Month
J0143	End Time
J0080	Energisation Status
J1293	Energisation Status Description
J0744	GMT Indicator
J0745	GMT Time

Flow Reference: D0270**Flow Version: 002****Status:** Operational

Reference	Item Name
J1303	Group Average Consumption
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0776	Line Loss Factor Class Description
J0147	Line Loss Factor Class Id
J0002	Market Participant Id
J0750	Market Participant Name
J0001	Market Participant Role Code
J0753	Market Role Description
J0773	MDD Publication Date
J1286	MDD Update Status
J0754	MDD Version Number
J0311	Measurement Class Description
J0082	Measurement Class Id
J1306	Measurement Quantity Description
J0103	Measurement Quantity Id
J0220	Meter Timeswitch Code
J1613	Meter Timeswitch Code Description
J0164	Metered/Unmetered Indicator
J0111	MPAS Agent Id
J0775	MS Specific LLF Class Indicator
J1614	MTC Common Code Indicator
J1615	MTC Communication Indicator
J1617	MTC Meter Type Description
J1616	MTC Meter Type Id
J1619	MTC Payment Type Description
J1618	MTC Payment Type Id
J1620	MTC Related Metering System Indicator
J1621	MTC TPR Count
J1622	MTC Type Indicator
J1287	Off Tolerance
J0902	Payment Date
J0756	Post Change Local Time
J0757	Postcode
J0122	Profile Class Description
J0071	Profile Class Id
J0124	Profile Description
J0072	Profile Id
J0878	Profile Settlement Periods
J0433	Regression Coefficient
J1289	Regression Coefficient Description
J0285	Regression Coefficient Type
J0768	Researched Average EAC
J0918	SAA Notification Deadline Date
J0916	Season Description
J0128	Season Id
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label

Flow Reference: **D0270**Flow Version: **002**

Status: Operational

Reference	Item Name
J0914	Settlement Sequence Number
J0758	Smoothing Parameter
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J0289	Start Day
J0290	Start Month
J0142	Start Time
J0240	Supplier Volume Allocation Agent Id
J0747	SVA Notification Deadline Date
J0132	Switched Load Indicator
J0123	Switched Load Profile Class Ind
J0136	Tele-Switch Group Id
J0137	Tele-Switch Switch Id
J0135	Tele-Switch User Id
J0134	Tele-Switch/Clock Indicator
J0760	Threshold Parameter
J1214	Time Pattern Regime Id
J1294	Year

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
MDD	Market Domain Data Version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
MDP	Market Domain Data Previous version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
OFT	Off Tolerance Parameters	0-*		G								
					1							MDD Update Status
					1							Off Tolerance
					1							Effective from Settlement Date (OT)
THP	Threshold Parameters	0-*		G								
					1							MDD Update Status
					1							Threshold Parameter
					1							Effective from Settlement Date (TPAR)
SMP	Smoothing Parameters	0-*		G								
					1							MDD Update Status
					1							Smoothing Parameter
					1							Effective from Settlement Date (SPAR)
RCT	Regression Coefficient Types	0-*		G								
					1							MDD Update Status
					1							Regression Coefficient Type
					1							Regression Coefficient Description
DYT	Day Types	0-*		G								
					1							MDD Update Status
					1							Day Type Id
					1							Day Type Description

Flow Reference: **D0270**Flow Version: **002**

Status: Operational

					1					Supplier Volume Allocation Agent Id
					1					Market Participant Role Code
					1					Effective from Date {MPR}
					1					Effective From Date {IAA & SVAA}
					O					Effective to Date {IAA & SVAA}
LLF	Line Loss Factor Classes	0-*		G						
					1					MDD Update Status
					1					Distributor Id
					1					Market Participant Role Code
					1					Effective from Date {MPR}
					1					Line Loss Factor Class Id
					1					Line Loss Factor Class Description
					1					MS Specific LLF Class Indicator
					1					Effective from Settlement Date {LLFC}
					O					Effective to Settlement Date {LLFC}
PFC	Profile Class Details	0-*		G						
					1					MDD Update Status
					1					Profile Class Id
					1					Profile Class Description
					1					Switched Load Profile Class Ind
					1					Effective from Settlement Date {PCLA}
					O					Effective to Settlement Date {PCLA}
DPP	Default Period Profile Class Coefficient	0-*		G						
					1					MDD Update Status
					1					Settlement Period Id
					1					Settlement Date
					1					Default Period Profile Class Coefficient
PRO	Profile Details	0-*		G						
					1					MDD Update Status
					1					Profile Id
					1					Profile Description
					1					Profile Settlement Periods
					1					Effective from Settlement Date {PROF}
					O					Effective to Settlement Date {PROF}
PFL	Profile Set	0-*		G						
					1					MDD Update Status
					1					Effective from Settlement Date {PSET}
					O					Effective to Settlement Date {PSET}
GSP	GSP Group Average EAC	0-*		G						

Flow Reference: **D0270**Flow Version: **002**

Status: Operational

							1			MDD Update Status
							1			GSP Group Id
							1			Group Average Consumption
RES	Regression Equation Set	0-*				G				
							1			MDD Update Status
							1			Day Type Id
							1			Season Id
PER	Period Regression Equation	0-*				G				
							1			MDD Update Status
							1			Settlement Period Id
COF	Regression Coefficient	0-*				G				
							1			MDD Update Status
							1			Regression Coefficient
							1			Regression Coefficient Type
TPD	Time Pattern Regime Details	0-*			G					
					1					MDD Update Status
					1					GMT Indicator
					1					Time Pattern Regime Id
					1					Tele-Switch/Clock Indicator
TTP	Tele-switch Time Pattern Regime Details	1	If Tele-Switch/Clock Indicator = S		G					
					1					MDD Update Status
					1					Tele-Switch Group Id
					1					Tele-Switch Switch Id
					1					Tele-Switch User Id
CKI	Clock Interval	1-*	If Tele-Switch/Clock Indicator = C		G					
					1					MDD Update Status
					1					Day of the Week Id
					1					End Day
					1					End Month
					1					End Time
					1					Start Day
					1					Start Month
					1					Start Time
SCI	Standard Settlement Configuration Details	0-*			G					
					1					MDD Update Status
					1					Standard Settlement Configuration Id
					1					Standard Settlement Configuration Desc
					1					Effective from Settlement Date {SSC}
					O					Effective to Settlement Date {SSC}
TPR	Measurement Requirement	0-*			G					
					1					MDD Update Status
					1					Time Pattern Regime Id
VSD	VSCPC Details	0-*			G					
					1					MDD Update Status
					1					Profile Class Id
					1					Effective from Settlement Date {VSCPC}

Commented [JW157]: Message Collection Conditional Rule

Commented [JW158]: Message Collection Conditional Rule

Flow Reference: **D0270**Flow Version: **002**

Status: Operational

					O					Effective to Settlement Date {VSCPC}
GAE	GSP Group Profile Class Average EACs	0-*			G					
						1				MDD Update Status
						1				GSP Group Id
						1				Researched Average EAC
						1				Effective from Settlement Date {GGPCAE}
SLM	Switched Load Measurement Requirement Details	0-*			G					
						1				MDD Update Status
						1				Switched Load Indicator
						1				Time Pattern Regime Id
ASD	AFYCS Details	0-*			G					
						1				MDD Update Status
						1				GSP Group Id
						1				Effective from Settlement Date {AFOYCS}
						O				Effective to Settlement Date {AFOYCS}
AFD	Average Fraction of Yearly Consumption Details	0-*			G					
						1				MDD Update Status
						1				Average Fraction of Yearly Consumption
						1				Time Pattern Regime Id
MEQ	Measurements Quantities	0-*		G						
						1				MDD Update Status
						1				Measurement Quantity Id
						1				Direction of Energy Flow
						1				Measurement Quantity Description
CCC	Consumption Component Classes	0-*		G						
						1				MDD Update Status
						1				Consumption Component Class Id
						1				Data Aggregation Type
						1				Metered/Unmetered Indicator
						O				Actual/Estimated Indicator
						O				AA/EAC Indicator
						1				Consumption Component Indicator
GCF	GSP Group Correction Scaling Factor	0-*		G						
						1				MDD Update Status
						1				Effective from Settlement Date {GGCSF}
						1				GSP Group Correction Scaling Factor
						O				Effective to Settlement Date {GGCSF}
MMT	MTC Meter Type	0-*		G						
						1				MDD Update Status

Flow Reference: **D0270**Flow Version: **002**

Status: Operational

				1						MTC Meter Type Id
				1						MTC Meter Type Description
				1						Effective From Settlement Date {MMT}
				O						Effective To Settlement Date {MMT}
MPT	MTC Payment Type	0-*		G						
				1						MDD Update Status
				1						MTC Payment Type Id
				1						MTC Payment Type Description
				1						Effective From Settlement Date {MPT}
				O						Effective To Settlement Date {MPT}
MTC	Meter Timeswitch Code	0-*		G						
				1						MDD Update Status
				1						Meter Timeswitch Code
				1						Effective From Settlement Date {MTC}
				1						MTC Common Code Indicator
				1						MTC Related Metering System Indicator
				O						Effective To Settlement Date {MTC}
				O						MTC Meter Type Id
				O						MTC Payment Type Id
				O						Meter Timeswitch Code Description
				O						MTC Communication Indicator
				O						MTC Type Indicator
				O						MTC TPR Count
MPA	MTC In Distribution Services Area	0-*		G						
				1						MDD Update Status
				1						Distributor Id
				1						Effective From Settlement Date {MTCPA}
				O						Effective To Settlement Date {MTCPA}
				O						MTC Meter Type Id
				O						MTC Payment Type Id
				O						Meter Timeswitch Code Description
				O						MTC Communication Indicator
				O						MTC Type Indicator
				O						MTC TPR Count
VML	Valid MTC LLFC Combination	0-*	If MTC Type Indicator = 'H'	G						
				1						MDD Update Status
				1						Line Loss Factor Class Id
				1						Effective From Settlement Date {VMTCLC}

Commented [JW159]: Message Collection Conditional Rule

Flow Reference: **D0270**Flow Version: **002**

Status: Operational

						O				Effective To Settlement Date {VMTCLC}
VMS	Valid MTC SSC Combination	0-*	If MTC Type Indicator = 'N'			G				
						1				MDD Update Status
						1				Standard Settlement Configuration Id
						1				Effective From Settlement Date {VMTCLC}
						O				Effective To Settlement Date {VMTCLC}
VLS	Valid MTC LLFC SSC Combination	0-*				G				
						1				MDD Update Status
						1				Line Loss Factor Class Id
						1				Effective From Settlement Date {VMTCLC}
						O				Effective To Settlement Date {VMTCLC}

Commented [JW160]: Message Collection Conditional Rule

Notes:**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of groups TTP and CKI changed from 'If Teleswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable Details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned
Version 9.4	3304	VLP Group added to new Flow Version 004; Version 003 decommissioned

Flow Reference: **D0270**Flow Version: **003**

Status:

Flow Name:	Market Domain Data Incremental Set
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of groups TTP and CKI changed from 'If Teleswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable Details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned
Version 9.4	3304	VLP Group added to new Flow Version 004; Version 003 decommissioned

Flow Reference: **D0270**Flow Version: **004**

Status: Operational

Flow Name:	Market Domain Data Incremental Set
Flow Description:	The set of data which defines differences to the published market domain data since the last publication. Market domain data contains the set of data which defines the environment of the 1998 Trading Arrangements. This comprises the parties which trade, and the networks, configurations and parameters on which trading is based. Note this flow contains the minimum amount of data required to describe the differences between the current complete publication of the market domain data and the previous publication of the market domain data..
Flow Ownership:	BSC

From	To	Version
MDDA	Distributor	9.4
MDDA	GRS Operator	9.4
MDDA	HHDA	9.4
MDDA	HHDC	9.4
MDDA	MOP	9.4
MDDA	MPAS Agent	9.4
MDDA	NHHDA	9.4
MDDA	NHHDC	9.4
MDDA	Supplier	9.4
SVAA	Distributor	9.4
SVAA	Grid Operator	9.4
SVAA	HHDA	9.4
SVAA	HHDC	9.4
SVAA	MOP	9.4
SVAA	MPAS Agent	9.4
SVAA	NHHDA	9.4
SVAA	NHHDC	9.4
SVAA	Supplier	9.4
SVAA	SVAA	9.4

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1299	Address Line
J0133	Average Fraction of Yearly Consumption
J0244	BSC Trading Party Id
J0725	Change Date
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J1291	Day of the Week Description
J0726	Day of the Week Id
J1290	Day Type Description
J0127	Day Type Id
J1301	Default Period Profile Class Coefficient
J0727	Direction of Energy Flow
J1310	Distributor Business Id

Flow Reference: D0270**Flow Version: 004****Status:** Operational

Reference	Item Name
J0189	Distributor Id
J0729	Effective From Date {IAA & SVAA}
J1297	Effective from Date {MPR}
J0730	Effective From Date {PAA}
J0731	Effective from Settlement Date {AFOYCS}
J0732	Effective from Settlement Date {GGCSF}
J0728	Effective from Settlement Date {GGD}
J0763	Effective from Settlement Date {GGPCAE}
J0733	Effective from Settlement Date {LLFC}
J0299	Effective from Settlement Date {MCLA}
J1599	Effective From Settlement Date {MMT}
J1600	Effective From Settlement Date {MPT}
J1601	Effective From Settlement Date {MTC}
J1602	Effective From Settlement Date {MTCPA}
J0774	Effective from Settlement Date {OT}
J0777	Effective from Settlement Date {PCLA}
J0125	Effective from Settlement Date {PROF}
J0734	Effective from Settlement Date {PSET}
J0764	Effective from Settlement Date {SPAR}
J0496	Effective from Settlement Date {SSC}
J0765	Effective from Settlement Date {TPAR}
J1603	Effective From Settlement Date {VMTCLC}
J1604	Effective From Settlement Date {VMTCLSC}
J1706	Effective From Settlement Date {VMTCLSPC}
J1605	Effective From Settlement Date {VMTCSG}
J0398	Effective from Settlement Date {VSCPC}
J0736	Effective to Date {IAA & SVAA}
J1298	Effective to Date {MPR}
J0737	Effective to Date {PAA}
J0738	Effective to Settlement Date {AFOYCS}
J0739	Effective to Settlement Date {GGCSF}
J0735	Effective to Settlement Date {GGD}
J0740	Effective to Settlement Date {LLFC}
J0741	Effective to Settlement Date {MCLA}
J1606	Effective To Settlement Date {MMT}
J1607	Effective To Settlement Date {MPT}
J1608	Effective To Settlement Date {MTC}
J1609	Effective To Settlement Date {MTCPA}
J0778	Effective to Settlement Date {PCLA}
J0400	Effective to Settlement Date {PROF}
J0766	Effective to Settlement Date {PSET}
J0401	Effective to Settlement Date {SSC}
J1610	Effective To Settlement Date {VMTCLC}
J1611	Effective To Settlement Date {VMTCLSC}
J1707	Effective To Settlement Date {VMTCLSPC}
J1612	Effective To Settlement Date {VMTCSG}
J0447	Effective to Settlement Date {VSCPC}
J0287	End Day
J0288	End Month
J0143	End Time
J0080	Energisation Status
J1293	Energisation Status Description

Flow Reference: D0270**Flow Version: 004****Status:** Operational

Reference	Item Name
J0744	GMT Indicator
J0745	GMT Time
J1303	Group Average Consumption
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0776	Line Loss Factor Class Description
J0147	Line Loss Factor Class Id
J0002	Market Participant Id
J0750	Market Participant Name
J0001	Market Participant Role Code
J0753	Market Role Description
J0773	MDD Publication Date
J1286	MDD Update Status
J0754	MDD Version Number
J0311	Measurement Class Description
J0082	Measurement Class Id
J1306	Measurement Quantity Description
J0103	Measurement Quantity Id
J0220	Meter Timeswitch Code
J1613	Meter Timeswitch Code Description
J0164	Metered/Unmetered Indicator
J0111	MPAS Agent Id
J0775	MS Specific LLF Class Indicator
J1614	MTC Common Code Indicator
J1615	MTC Communication Indicator
J1617	MTC Meter Type Description
J1616	MTC Meter Type Id
J1619	MTC Payment Type Description
J1618	MTC Payment Type Id
J1620	MTC Related Metering System Indicator
J1621	MTC TPR Count
J1622	MTC Type Indicator
J1287	Off Tolerance
J0902	Payment Date
J0756	Post Change Local Time
J0757	Postcode
J1708	Preserved Tariff Indicator
J0122	Profile Class Description
J0071	Profile Class Id
J0124	Profile Description
J0072	Profile Id
J0878	Profile Settlement Periods
J0433	Regression Coefficient
J1289	Regression Coefficient Description
J0285	Regression Coefficient Type
J0768	Researched Average EAC
J0918	SAA Notification Deadline Date
J0916	Season Description
J0128	Season Id
J0146	Settlement Code
J0882	Settlement Code Description

Flow Reference: **D0270**Flow Version: **004**

Status: Operational

Reference	Item Name
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0914	Settlement Sequence Number
J0758	Smoothing Parameter
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J1683	Standard Settlement Configuration Type
J0289	Start Day
J0290	Start Month
J0142	Start Time
J0240	Supplier Volume Allocation Agent Id
J0747	SVA Notification Deadline Date
J0132	Switched Load Indicator
J0123	Switched Load Profile Class Ind
J0136	Tele-Switch Group Id
J0137	Tele-Switch Switch Id
J0135	Tele-Switch User Id
J0134	Tele-Switch/Clock Indicator
J0760	Threshold Parameter
J1214	Time Pattern Regime Id
J1294	Year

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
MDD	Market Domain Data Version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
MDP	Market Domain Data Previous version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
OFT	Off Tolerance Parameters	0-*		G								
					1							MDD Update Status
					1							Off Tolerance
					1							Effective from Settlement Date {OT}
THP	Threshold Parameters	0-*		G								
					1							MDD Update Status
					1							Threshold Parameter
					1							Effective from Settlement Date {TPAR}
SMP	Smoothing Parameters	0-*		G								
					1							MDD Update Status
					1							Smoothing Parameter
					1							Effective from Settlement Date {SPAR}
RCT	Regression Coefficient Types	0-*		G								
					1							MDD Update Status
					1							Regression Coefficient Type
					1							Regression Coefficient Description

Flow Reference: **D0270**Flow Version: **004**

Status: Operational

				1						Settlement Date
				1						Day Type Id
				1						Season Id
PST	BSC Settlement Timetable Details	0-*		G						
				1						MDD Update Status
				1						Settlement Code
				1						Settlement Date
				1						Payment Date
				1						SVA Notification Deadline Date
				1						SAA Notification Deadline Date
SET	Settlement Period	0-*		G						
				1						MDD Update Status
				1						Settlement Date
				1						Settlement Period Id
				1						Settlement Period Label
MAP	Market Participants	0-*		G						
				1						MDD Update Status
				1						Market Participant Id
				1						Market Participant Name
				O						BSC Trading Party Id
MPR	Market Participant Roles	0-*		G						
				1						MDD Update Status
				1						Market Participant Role Code
				1						Effective from Date {MPR}
				O						Effective to Date {MPR}
				O						Distributor Business Id
				1						Postcode
ADL	Address Line	0-*		G						
					1					Address Line
GSG	GSP Groups	0-*		G						
				1						MDD Update Status
				1						GSP Group Id
				1						GSP Group Name
GGD	GSP Group Distributors	0-*		G						
				1						MDD Update Status
				1						Distributor Id
				1						Market Participant Role Code
				1						Effective from Date {MPR}
				1						Effective from Settlement Date {GGD}
				O						Effective to Settlement Date {GGD}
PAA	MPAS Agent Appointment	0-*		G						
				1						MDD Update Status
				1						MPAS Agent Id
				1						Market Participant Role Code
				1						Effective from Date {MPR}
				1						Effective From Date {PAA}
				O						Effective to Date {PAA}

Flow Reference: **D0270**Flow Version: **004**

Status: Operational

						O				Effective to Settlement Date {PSET}
GSP	GSP Group Average EAC	0-*				G				
							1			MDD Update Status
							1			GSP Group Id
							1			Group Average Consumption
RES	Regression Equation Set	0-*				G				
							1			MDD Update Status
							1			Day Type Id
							1			Season Id
PER	Period Regression Equation	0-*				G				
							1			MDD Update Status
							1			Settlement Period Id
COF	Regression Coefficient	0-*					G			
							1			MDD Update Status
							1			Regression Coefficient
							1			Regression Coefficient Type
TPD	Time Pattern Regime Details	0-*			G					
					1					MDD Update Status
					1					GMT Indicator
					1					Time Pattern Regime Id
					1					Tele-Switch/Clock Indicator
TTP	Tele-switch Time Pattern Regime Details	1			If Tele-Switch/Clock Indicator = S	G				
							1			MDD Update Status
							1			Tele-Switch Group Id
							1			Tele-Switch Switch Id
							1			Tele-Switch User Id
CKI	Clock Interval	1-*			If Tele-Switch/Clock Indicator = C	G				
							1			MDD Update Status
							1			Day of the Week Id
							1			End Day
							1			End Month
							1			End Time
							1			Start Day
							1			Start Month
							1			Start Time
SCE	Standard Settlement Configuration Details	0-*			G					
					1					MDD Update Status
					1					Standard Settlement Configuration Id
					1					Standard Settlement Configuration Desc
					1					Effective from Settlement Date {SSC}
					O					Effective to Settlement Date {SSC}
					1					Standard Settlement Configuration Type
TPR	Measurement Requirement	0-*			G					
							1			MDD Update Status
							1			Time Pattern Regime Id

Commented [JW161]: Message Collection Conditional Rule

Commented [JW162]: Message Collection Conditional Rule

Flow Reference: **D0270**Flow Version: **004**

Status: Operational

						1					GSP Group Correction Scaling Factor
						O					Effective To Settlement Date {GGCSF}
MMT	MTC Meter Type	0-*		G							
					1						MDD Update Status
					1						MTC Meter Type Id
					1						MTC Meter Type Description
					1						Effective From Settlement Date {MMT}
					O						Effective To Settlement Date {MMT}
MPT	MTC Payment Type	0-*		G							
					1						MDD Update Status
					1						MTC Payment Type Id
					1						MTC Payment Type Description
					1						Effective From Settlement Date {MPT}
					O						Effective To Settlement Date {MPT}
MTC	Meter Timeswitch Code	0-*		G							
					1						MDD Update Status
					1						Meter Timeswitch Code
					1						Effective From Settlement Date {MTC}
					1						MTC Common Code Indicator
					1						MTC Related Metering System Indicator
					O						Effective To Settlement Date {MTC}
					O						MTC Meter Type Id
					O						MTC Payment Type Id
					O						Meter Timeswitch Code Description
					O						MTC Communication Indicator
					O						MTC Type Indicator
					O						MTC TPR Count
MPA	MTC In Distribution Services Area	0-*		G							
					1						MDD Update Status
					1						Distributor Id
					1						Effective From Settlement Date {MTCPA}
					O						Effective To Settlement Date {MTCPA}
					O						MTC Meter Type Id
					O						MTC Payment Type Id
					O						Meter Timeswitch Code Description
					O						MTC Communication Indicator
					O						MTC Type Indicator
					O						MTC TPR Count

Status: Operational

Commented [JW164]: Message Collection Conditional Rule

--

Flow Reference: D0270**Flow Version: 004****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2594	New Data Flow created.
Version 4.1	2866	Data Item 'Settlement Sequence Number' in group STD made optional.
Version 4.1	2870	Condition of groups TTP and CKI changed from 'If Teleswitch Time Pattern Regime'.
Version 4.4	2975	Flow occurrences from MDDA to IARA, Distributor, Grid Control, HHDA, HHDC, MOP, NHHDA, NHHDC, PRS Agent, GRS Operator, Supplier, Generator (Scotland), SDP Operator, GA Agent and Scottish Company added.
Version 5	3016	Flow version 002 added to the catalogue with new Groups MMT, MPT, MTC, MPA, VML, VMS, VLS and Notes.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3076	Group Description for Group PST changed to BSC Settlement Timetable Details
Version 6	3077	Flow occurrences from SVAA to Distributor, Grid Operator, HHDA, HHDC, SVAA, MOP, NHHDA, NHHDC, PRS Agent and Supplier added
Version 6.2	3067	Notes removed.
Version 7	3111	'PES' replaced by 'Distribution Services' in Group Description for Group MPA (Version 2 only). 'PRS Agent' replaced by 'MPAS Agent' in Group Description for Group PAA and within the receiving Market Participant Role.
Version 7.5	3167	Flow Version 003 created with Data Item J1683 added to SCI Group. Flow Version 001 deleted.
Version 7.5	3214	SCI Group within Flow Version 003 renamed SCE.
Version 8.4	3271	Instances of MDDA to GA Agent, Generator (Scotland), Grid Control, IARA, Scottish Company and SDP Operator removed
Version 8.5	3274	Instance of ISRA to Distributor, Grid Operator, HHDA, HHDC, ISRA, MOP, MPAS Agent, NHHDA, NHHDC, Supplier removed
Version 9.4	3300	VLP Group added to new Flow Version 004; Version 003 decommissioned
Version 9.4	3304	VLP Group added to new Flow Version 004; Version 003 decommissioned

Flow Reference: **D0271**Flow Version: **001**

Status: Operational

Flow Name:	Request Contact Notice
Flow Description:	Latest Registered or previous Supplier requests a Contact Notice for both Suppliers..
Flow Ownership:	MRA

From	To	Version
Supplier	MPAS	4.0

Data Items:

Reference	Item Name
J0924	Effective from Settlement Date (REGI) for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
10A	File Sequence Number	1		G								
					1							File Sequence Number
11A	Request Contact Notice	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					O							Registration Transaction Number
					1							Effective from Settlement Date (REGI) for New Supplier

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2316	New Data Flow created.
Version 8	3238	Flow description amended to reflect changes to MRA clause 17 (MRA CP150)

Flow Reference: **D0272**Flow Version: **001**

Status: Operational

Flow Name:	Reject Contact Notice Request	
Flow Description:	Rejection of request for Contact Notice..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	4.0

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date (REGI) for New Supplier
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number
J0107	Rejection Reason Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
12A	File Sequence Number	1		G								
					1							File Sequence Number
13A	Reject Contact Notice Request	1-*			G							
						1						Instruction Number
						1						Instruction Type
						1						Incoming Instruction Number
						O						MPAN Core
						1						Deemed Received Date
						O						Registration Transaction Number
						O						Effective from Settlement Date (REGI) for New Supplier
14A	Rejection Code	1-*				G						
							1					Rejection Reason Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2316	New Data Flow created.

Flow Reference: **D0273**Flow Version: **001**

Status: Operational

Flow Name:	Contact Notice to Suppliers	
Flow Description:	Registration System notifies both the Latest Registered and the Previous Supplier of the identity of both Suppliers..	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	4.0

Data Items:

Reference	Item Name
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J1194	New Supplier Id
J0923	Old Supplier Id
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
15A	File Sequence Number	1		G								
					1							File Sequence Number
16A	Contact Notice	1-*		G								
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						1						Registration Transaction Number
						1						Effective from Settlement Date {REGI} for New Supplier
						1						Old Supplier Id
						1						New Supplier Id

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2316	New Data Flow created.

Flow Reference: D0274**Flow Version: 001****Status:**

Flow Name:	Address Inventory
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2653	New Data Flow created.
Version 7.2	3145	Flow Notes changed in accordance with Standard Address Format.
Version 7.5	3194	Mandatory Data Item GSP Group Id added to group 18A.
Version 8.4	3263	Flow deleted from catalogue

Flow Reference: **D0275**Flow Version: **001**

Status: Operational

Flow Name:	Validated Half Hourly Advances	
Flow Description:	Half Hourly consumption values for use in Supplier and Distributor billing where the HH periods are specified in UTC..	
Flow Ownership:	MRA	
From	To	Version
HHDC	Distributor	4.0
HHDC	Supplier	4.0

Data Items:

Reference	Item Name
J0020	Actual/Estimated Indicator
J0018	Date (Midnight to Midnight UTC)
J0103	Measurement Quantity Id
J0003	MPAN Core
J0177	Period Metered Consumption
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
25B	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Measurement Quantity Id
					1							Supplier Id
26B	Date	1-*		G								
					1							Date (Midnight to Midnight UTC)
27B	HH Periods in UTC	48				G						
						1						Actual/Estimated Indicator
						1						Period Metered Consumption

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4	2794	New Data Flow created.

Flow Reference: D0276**Flow Version: 001****Status:**

Flow Name:	GSP Group Consumption Totals Report
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2927	New Data Flow created.
Version 4.4	2978	Flow occurrence from IARA to Supplier added.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed
Version 9	3280	Flow version 002 created with Data Item J1705 'Total CCC MSID Count' added to SPX Group; Flow version 001 deleted

Flow Reference: **D0276**Flow Version: **002**

Status: Operational

Flow Name:	GSP Group Consumption Totals Report	
Flow Description:	Report of consumption component class totals for each GSP group.	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	9.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0084	Supplier Id
J0248	Supplier Name
J1565	Total CCC Aggregated Supplier Consumption
J1566	Total CCC Aggregated Supplier Line Loss
J1567	Total CCC Corrected Supplier Consumption
J1568	Total CCC Corrected Supplier Line Loss
J1705	Total CCC MSID Count

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group Id
HDR	Report Data	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number

Flow Reference: **D0276**Flow Version: **002**

Status: Operational

				1						SSR Run Type Id
				1						Supplier Id
				1						Supplier Name
GSP	GSP Group	0-*		G						
				1						GSP Group Id
				1						GSP Group Name
CCC	Consumption Component Class	0-*		G						
					1					Consumption Component Class Id
					1					GSP Group Correction Scaling Factor
					O					AA/EAC Indicator
					O					Actual/Estimated Indicator
					1					Data Aggregation Type
					1					Metered/Unmetered Indicator
					1					Consumption Component Indicator
					1					Measurement Quantity Id
SPX	Settlement Period	0-*		G						
					1					Settlement Period Id
					1					Settlement Period Label
					O					Total CCC Aggregated Supplier Consumption
					O					Total CCC Aggregated Supplier Line Loss
					O					Total CCC Corrected Supplier Consumption
					O					Total CCC Corrected Supplier Line Loss
					O					Total CCC MSID Count

Notes:**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2927	New Data Flow created.
Version 4.4	2978	Flow occurrence from IARA to Supplier added.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed
Version 9	3280	Flow version 002 created with Data Item J1705 'Total CCC MSID Count' added to SPX Group; Flow version 001 deleted

Flow Reference: D0277**Flow Version:** 001**Status:** Operational

Flow Name:	Teleswitch Contact Interval Data File	
Flow Description:	Daily details of teleswitch contact switching times. Each file relates to a single day. It must include data for all Tele-switch Groups which are related to Standard Settlement Configurations defined in MDD for that day, and may optionally include data for other Tele-switch Groups (which ISRA will ignore). It is anticipated that Teleswitch Agent will meet this requirement by including all Tele-switch Groups in the file..	
Flow Ownership:	BSC	
From	To	Version
Teleswitch Agent	SVAA	6.0

Data Items:

Reference	Item Name
J0018	Date (Midnight to Midnight UTC)
J1572	Effective Time (UTC)
J1571	Start of Day Tele-Switch on Indicator
J1570	Tele-Switch Contact Code
J0136	Tele-Switch Group Id
J1573	Tele-Switch On Indicator
J0135	Tele-Switch User Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
TSD	Teleswitch Date	1		G								Date (Midnight to Midnight UTC)
					1							
TSU	Teleswitch User	0-*			G							Tele-Switch User Id
						1						Tele-Switch User Id
TSG	Teleswitch Group	0-*				G						Tele-Switch Group Id
							1					Tele-Switch Group Id
TSC	Teleswitch Contact	0-*					G					Tele-Switch Contact Code
								1				Start of Day Tele-Switch on Indicator
								1				Start of Day Tele-Switch on Indicator
TCI	Teleswitch Contact Interval	0-*						G				Effective Time (UTC)
									1			Effective Time (UTC)
										1		Tele-Switch On Indicator

Notes:	The file should be ordered by Tele-Switch User Id, Tele-Switch Group Id, Tele-Switch Contact Code and Effective Time (UTC).
---------------	---

Commented [JW165]: To discuss with Elecon

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2928	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from EASL to SVAA added
Version 8.1	3237	Update all references to 'EASL' with 'Teleswitch Agent'
Version 8.4	3271	Instance of Teleswitch Agent to IARA removed
Version 8.5	3274	Instance of Teleswitch Agent to ISRA removed

Flow Reference: **D0278**Flow Version: **001**

Status: Operational

Flow Name:	Teleswitch Market Domain Data File	
Flow Description:	Details of the market domain data required for teleswitched metering systems..	
Flow Ownership:	BSC	
From	To	Version
MDDA	SVAA	6.0

Data Items:

Reference	Item Name
J0133	Average Fraction of Yearly Consumption
J0726	Day of the Week Id
J1096	Effective from Settlement Date
J1097	Effective to Settlement Date
J0287	End Day
J0288	End Month
J0143	End Time
J0744	GMT Indicator
J0066	GSP Group Id
J0071	Profile Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J0289	Start Day
J0290	Start Month
J0142	Start Time
J0132	Switched Load Indicator
J1570	Tele-Switch Contact Code
J1575	Tele-Switch Contact Rule
J0136	Tele-Switch Group Id
J1574	Tele-Switch Register Rule Id
J0135	Tele-Switch User Id
J0134	Tele-Switch/Clock Indicator
J1214	Time Pattern Regime Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					N							Settlement Date
					N							Settlement Code
					N							Run Type Code
					N							Run Number
					N							GSP Group Id
TPD	Time Pattern Regime Details	0-*		G								
					1							GMT Indicator
					1							Time Pattern Regime Id
					1							Tele-Switch/Clock Indicator
TTP	Tele-Switch Time Pattern Regime Details	1	Tele-Switch/Clock Indicator = S	G								
						1						Tele-Switch User Id

Commented [JW166]: Message Collection Conditional Rule

Flow Reference: **D0278**Flow Version: **001**

Status: Operational

					1					Tele-Switch Group Id
TCR	Tele-Switch Contact Rule	0-*			G					
						1				Tele-Switch Register Rule Id
						1				Tele-Switch Contact Code
						1				Tele-Switch Contact Rule
CKI	Clock Interval	0-*	Tele-Switch/Clock Indicator = C		G					
						1				Day of the Week Id
						1				End Day
						1				End Month
						1				End Time
						1				Start Day
						1				Start Month
						1				Start Time
SCI	Standard Settlement Configuration Details	0-*			G					
						1				Standard Settlement Configuration Id
						1				Standard Settlement Configuration Desc
						O				Tele-Switch User Id
						O				Tele-Switch Group Id
TPR	Measurement Requirement	0-*			G					
						1				Time Pattern Regime Id
VSD	VSCPC Details	0-*			G					
						1				Profile Class Id
						1				Effective from Settlement Date
						O				Effective to Settlement Date
SLM	Switched Load Measurement Requirement Details	0-*			G					
						1				Switched Load Indicator
						1				Time Pattern Regime Id
ASD	AFYCS Details	0-*			G					
						1				GSP Group Id
						1				Effective from Settlement Date
						O				Effective to Settlement Date
AFD	Average Fraction of Yearly Consumption Details	0-*			G					
						1				Average Fraction of Yearly Consumption
						1				Time Pattern Regime Id

Commented [JW167]: Message Collection Conditional Rule

Notes:

Flow Reference: D0278**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2928	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3075	Word Pool deleted from Flow Name
Version 6	3077	Flow occurrence added from MDDA to SVAA
Version 7.5	3167	Flow Version 002 created with Data Item J1683 added to SCI Group.
Version 7.5	3214	SCI Group within Flow Version 002 renamed SCE.
Version 8.4	3271	Instance of MDDA to IARA removed
Version 8.5	3274	Instance of MDDA to ISRA removed

Flow Reference: **D0278**Flow Version: **002**

Status: Operational

Flow Name:	Teleswitch Market Domain Data File	
Flow Description:	Details of the market domain data required for teleswitched metering systems..	
Flow Ownership:	BSC	
From	To	Version
MDDA	SVAA	6.0

Data Items:

Reference	Item Name
J0133	Average Fraction of Yearly Consumption
J0726	Day of the Week Id
J1096	Effective from Settlement Date
J1097	Effective to Settlement Date
J0287	End Day
J0288	End Month
J0143	End Time
J0744	GMT Indicator
J0066	GSP Group Id
J0071	Profile Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0075	Standard Settlement Configuration Desc
J0076	Standard Settlement Configuration Id
J1683	Standard Settlement Configuration Type
J0289	Start Day
J0290	Start Month
J0142	Start Time
J0132	Switched Load Indicator
J1570	Tele-Switch Contact Code
J1575	Tele-Switch Contact Rule
J0136	Tele-Switch Group Id
J1574	Tele-Switch Register Rule Id
J0135	Tele-Switch User Id
J0134	Tele-Switch/Clock Indicator
J1214	Time Pattern Regime Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
				N								Settlement Date
				N								Settlement Code
				N								Run Type Code
				N								Run Number
				N								GSP Group Id
TPD	Time Pattern Regime Details	0-*		G								
				1								GMT Indicator
				1								Time Pattern Regime Id
				1								Tele-Switch/Clock Indicator
TTP	Tele-Switch Time Pattern Regime Details	1	Tele-Switch/Clock Indicator = S	G								

Commented [JW168]: Message Collection Conditional Rule

Flow Reference: **D0278**Flow Version: **002**

Status: Operational

					1					Tele-Switch User Id
					1					Tele-Switch Group Id
TCR	Tele-Switch Contact Rule	0-*			G					
						1				Tele-Switch Register Rule Id
						1				Tele-Switch Contact Code
						1				Tele-Switch Contact Rule
CKI	Clock Interval	0-*	Tele-Switch/Clock Indicator = C		G					
						1				Day of the Week Id
						1				End Day
						1				End Month
						1				End Time
						1				Start Day
						1				Start Month
						1				Start Time
SCE	Standard Settlement Configuration Details	0-*			G					
						1				Standard Settlement Configuration Id
						1				Standard Settlement Configuration Desc
						O				Tele-Switch User Id
						O				Tele-Switch Group Id
						1				Standard Settlement Configuration Type
TPR	Measurement Requirement	0-*			G					
						1				Time Pattern Regime Id
VSD	VSCPC Details	0-*			G					
						1				Profile Class Id
						1				Effective from Settlement Date
						O				Effective to Settlement Date
SLM	Switched Load Measurement Requirement Details	0-*			G					
						1				Switched Load Indicator
						1				Time Pattern Regime Id
ASD	AFYCS Details	0-*			G					
						1				GSP Group Id
						1				Effective from Settlement Date
						O				Effective to Settlement Date
AFD	Average Fraction of Yearly Consumption Details	0-*			G					
						1				Average Fraction of Yearly Consumption
						1				Time Pattern Regime Id

Commented [JW169]: Message Collection Conditional Rule

Notes:

Flow Reference: D0278**Flow Version: 002****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2928	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3075	Word Pool deleted from Flow Name
Version 6	3077	Flow occurrence added from MDDA to SVAA
Version 7.5	3167	Flow Version 002 created with Data Item J1683 added to SCI Group.
Version 7.5	3214	SCI Group within Flow Version 002 renamed SCE.
Version 8.4	3271	Instance of MDDA to IARA removed
Version 8.5	3274	Instance of MDDA to ISRA removed

Flow Reference: **D0279**Flow Version: **001**

Status: Operational

Flow Name:	Teleswitch Contact Interval Data Report File	
Flow Description:	Details of the switching times for teleswitch contacts..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J1578	End Date and Time
J0066	GSP Group Id
J0873	Profile Production Run Date
J0874	Profile Production Run Time
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J1577	Start Date and Time
J1570	Tele-Switch Contact Code
J1579	Tele-Switch Contact State
J1576	Tele-Switch Date
J0136	Tele-Switch Group Id
J0135	Tele-Switch User Id
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					N							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group Id
RDT	Report Parameters	1		G								
					1							User Name
					1							Report Parameters
					1							Report Parameters
HDR	Teleswitch Contact Interval Data Report Header	1		G								
					1							Profile Production Run Date
					1							Profile Production Run Time
					1							Tele-Switch Date
TSU	Teleswitch User	0-*		G								
						1						Tele-Switch User Id
TSG	Teleswitch Group	0-*			G							
							1					Tele-Switch Group Id
TSC	Teleswitch Contact	0-*					G					
								1				Tele-Switch Contact Code
TCI	Teleswitch Contact Interval	0-*						G				
									1			Start Date and Time

Flow Reference: D0279**Flow Version: 001****Status:** Operational

									1		End Date and Time
									1		Tele-Switch Contact State

Notes:	The file should be ordered by Tele-Switch User Id, Tele-Switch Group Id, Tele-Switch Contact Code and Start Date and Time.
---------------	--

Commented [JW170]: To discuss with Elexon**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2928	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added
Version 8.4	3271	Instance of IARA to Supplier removed
Version 8.5	3274	Instance of ISRA to Supplier removed

Flow Reference: **D0280**Flow Version: **001**

Status: Operational

Flow Name:	Teleswitch Contact to Register Mapping File
Flow Description:	Details of the mapping between time pattern regimes and teleswitch contacts..
Flow Ownership:	BSC

From	To	Version
MDDA	Supplier	4.2

Data Items:

Reference	Item Name
J1570	Tele-Switch Contact Code
J1575	Tele-Switch Contact Rule
J0136	Tele-Switch Group Id
J1574	Tele-Switch Register Rule Id
J0135	Tele-Switch User Id
J1214	Time Pattern Regime Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
TTP	Tele-Switch Time Pattern Regime Details	0-*		G								
					1							Time Pattern Regime Id
					1							Tele-Switch User Id
					1							Tele-Switch Group Id
TCR	Tele-Switch Contact Rules	1-*		G								
						1						Tele-Switch Register Rule Id
						1						Tele-Switch Contact Code
						1						Tele-Switch Contact Rule

Notes:	The file should be ordered by Time Pattern Regime Id, Tele-Switch Register Rule Id and Tele-Switch Contact Code.
---------------	--

Commented [JW171]: To discuss with Elexon

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2928	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'

Flow Reference: D0281**Flow Version: 001****Status:**

Flow Name:	Recalculated GSP Group Correction Factors Report
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.2	2929	New Data Flow created.
Version 5	3010	Data Item 'Run Type Code' replaced with Data Item 'SSR Run Type Id' in Group HDR.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to Supplier added.
Version 7.9	3226	Flow deleted.

Flow Reference: D0282**Flow Version: 001****Status:**

Flow Name:	Registration of Supplier migrating from ERS
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.3	2943	New Data Flow created.
Version 5.2	3066	Flow occurrence from SSA replaced with ERS Service Provider and Flow Description changed.
Version 6.2	3103	Data Flow deleted from the catalogue

Flow Reference: D0283**Flow Version: 001****Status:**

Flow Name:	Rejection of Supplier Registration by PRS
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.3	2943	New Data Flow created.
Version 5.2	3066	Flow occurrence to SSA replaced with ERS Service Provider.
Version 6.2	3103	Data Flow deleted from the catalogue

Flow Reference: D0284**Flow Version: 001****Status:**

Flow Name:	Confirmation of Registration on PRS
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.3	2943	New Data Flow created.
Version 5.2	3066	Flow occurrence to SSA replaced with ERS Service Provider and Flow Description changed.
Version 6.2	3103	Data Flow deleted from the catalogue

Flow Reference: D0285**Flow Version: 001****Status:**

Flow Name:	Reconciliation of Registrations on PRS
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.3	2943	New Data Flow created.
Version 5.2	3066	Flow occurrence to SSA replaced with ERS Service Provider and Flow Description changed.
Version 6.2	3103	Data Flow deleted from the catalogue

Flow Reference: **D0286**Flow Version: **001**

Status: Operational

Flow Name:	Data Aggregation and Settlements Timetable File		
Flow Description:	The timetable of certain settlement activities related to payment dates for a range of payment dates..		
Flow Ownership:	BSC		
From	To	Version	
MDDA	NHHDA	4.4	
MDDA	SVAA	6.0	

Data Items:

Reference	Item Name
J1584	First Payment Date
J1585	Last Payment Date
J0902	Payment Date
J1586	Planned Data Aggregation Run Date
J1587	Planned SSR Run Date
J0146	Settlement Code
J0073	Settlement Date
J0747	SVA Notification Deadline Date

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
TTH	Timetable Header	1		G								
					1							First Payment Date
					1							Last Payment Date
PST	Timetable Details	0-*		G								
					1							Settlement Code
					1							Settlement Date
					1							Payment Date
					1							SVA Notification Deadline Date
					1							Planned Data Aggregation Run Date
					O							Planned SSR Run Date

Notes:

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.4	2987	New Data Flow created.
Version 4.4	2991	Flow occurrences from MDDA to ISRA and from MDDA to IARA added.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from MDDA to SVAA added
Version 8.4	3271	Instance of MDDA to IARA removed
Version 8.5	3274	Instance of MDDA to ISRA removed

Flow Reference: **D0287**Flow Version: **001**

Status: Operational

Flow Name:	Annually Recalculated Researched Consumption	
Flow Description:	Details of the recalculated Average Fraction of Yearly Consumption (AFYC), GSP Group Profile Class Average EACs and GSP Group Profile Class Default EACs..	
Flow Ownership:	BSC	
From	To	Version
SVAA	MDDA	6.0

Data Items:

Reference	Item Name
J0133	Average Fraction of Yearly Consumption
J0731	Effective from Settlement Date {AFOYCS}
J0763	Effective from Settlement Date {GGPCAE}
J1592	Effective from Settlement Date {GGPCDE}
J0738	Effective to Settlement Date {AFOYCS}
J0066	GSP Group Id
J0071	Profile Class Id
J0768	Researched Average EAC
J1593	Researched Default EAC
J0076	Standard Settlement Configuration Id
J1214	Time Pattern Regime Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
GSP	GSP Groups	1..*		G								
					1							GSP Group Id
PFC	Profile Class	0..*			G							
						1						Profile Class Id
SSC	VSCPC Details	0..*				G						
							1					Standard Settlement Configuration Id
AFC	AFYC Details	0..*					G					
								1				Time Pattern Regime Id
								1				Average Fraction of Yearly Consumption
								1				Effective from Settlement Date {AFOYCS}
								0				Effective to Settlement Date {AFOYCS}
GAE	GSPG PC Average EACs	0..*					G					
								1				Researched Average EAC
								1				Effective from Settlement Date {GGPCAE}
GDE	GSPG PC Default EACs	0..*				G						
							1					Researched Default EAC
							1					Effective from Settlement Date {GGPCDE}

Notes:	The use of the term "recalculated" is deliberate. This data flow will only be used for details where an existing value has been recalculated. New AFYCs, Average and Default EACs will be handled through the normal channels for MDD.
---------------	--

Commented [JW172]: Guidance

Flow Reference: D0287**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 4.4	2992	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 6	3077	Flow occurrence from SVAA to MDDA added
Version 6.2	3101	Flow occurrence from IARA to MDDA added
Version 8.4	3271	Instance of IARA to MDDA removed
Version 8.5	3274	Instance of ISRA to MDDA removed

Flow Reference: D0288**Flow Version: 001****Status:**

Flow Name:	Generation Allocation Report on Second Tier Consumption
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5	3012	New Data Flow created.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0289**Flow Version: 001****Status:**

Flow Name:	Notification of MC/EAC/PC
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5	3014	New Data Flow created.
Version 5.1	3027	Flow occurrence from Supplier to MOP added and notes amended.
Version 11.3	3443	Condition added to groups 84B and 85B of data flow.
Version 11.4	3468	Flow version incremented and Group 83B mandated

Flow Reference: **D0289**Flow Version: **002**

Status: Operational

Flow Name:	Notification of MC/EAC/PC	
Flow Description:	Establishes the Measurement Class for Half Hourly metered or unmetered supply. It also provides a Profile Class and EAC to allow the estimation of consumption..	
Flow Ownership:	MRA	
From	To	Version
Supplier	HHDC	11.4
Supplier	MOP	11.4

Data Items:

Reference	Item Name
J0090	Effective from Settlement Date {EACDC}
J0094	Effective from Settlement Date {MSMCDC}
J0092	Effective from Settlement Date {MSPCDC}
J0049	Effective from Settlement Date {REGI}
J0081	Estimated Annual Consumption
J0082	Measurement Class Id
J0003	MPAN Core
J0071	Profile Class Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
82B	MPAN Cores	1..*		G								
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
83B	Measurement Class Details	1			G							
					1							Measurement Class Id
					1							Effective from Settlement Date {MSMCDC}
84B	EAC Details	0..*	Not populated if recipient is MOP		G							
						1						Estimated Annual Consumption
						1						Effective from Settlement Date {EACDC}
85B	Profile Class Details	0..*	Not populated if recipient is MOP		G							
						1						Profile Class Id
						1						Effective from Settlement Date {MSPCDC}

Commented [JW173]: Message Scenario Variant

Commented [JW174]: Message Scenario Variant

Notes: EAC Details and Profile Class details must be populated on change of Measurement Class Details where recipient is the HHDC. Effective dates can not be earlier than the REGI date. It is anticipated this data flow would arrive at a similar time to the D0148 & the D0131 in the appointment life cycle. Where this flow is sent to the Meter Operator, only the Supplier and Measurement Class details should be populated (Groups 82B and 83B).

Commented [JW175]: Data Item Requirement Rule

Commented [JW176]: Data Item Value Rule

Commented [JW177]: Guidance

Commented [JW178]: Message Scenario Variant

Flow Reference: D0289**Flow Version: 002****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5	3014	New Data Flow created.
Version 5.1	3027	Flow occurrence from Supplier to MOP added and notes amended.
Version 11.3	3443	Condition added to groups 84B and 85B of data flow.
Version 11.4	3468	Flow version incremented and Group 83B mandated

Flow Reference: D0290**Flow Version: 001****Status:** Operational

Flow Name:	Instruction to Read Meter	
Flow Description:	The Data Processor will inform the Meter Reader of the required Customer, Site, Meter, and Reading details in order for a meter reading site visit to be arranged..	
Flow Ownership:	MRA	
From	To	Version
NHHDC	NHHDR	5.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0174	Appointment Date
J0489	Contact Name
J0490	Contact Telephone Number
J0375	Customer Name
J0693	Customer Password
J0292	Earliest Appointment Time
J0080	Energisation Status
J1598	Expected Register Reading
J1596	High Tolerance Reading
J0293	Latest Appointment Time
J1597	Low Tolerance Reading
J0103	Measurement Quantity Id
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0010	Meter Register Id
J0474	Meter Register Type
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J0478	Number of Register Digits
J0173	Reason for Request
J0679	Register Mapping Coefficient
J0277	Regular Reading Cycle
J0098	Retrieval Method
J0692	Special Access
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J1595	Target Read Date
J0078	Time Pattern Regime

Flow Reference: **D0290**Flow Version: **001**

Status: Operational

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
86B	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Supplier Id
					1							Energisation Status
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9
					O							Metering Point Postcode
					O							Customer Name
					O							Customer Password
					O							Special Access
					O							Contact Name
					O							Contact Telephone Number
					O							Additional Information
87B	Reading Window Details	0-1	If no specific appointment required	G								
					O							Regular Reading Cycle
					O							Target Read Date
					O							Reason for Request
88B	Appointment Details	0-1	If specific appointment required	G								
					1							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
					O							Reason for Request
89B	Meter Details	1-*		G								
					1							Meter Id (Serial Number)
					1							Meter Location
					1							Retrieval Method
90B	Settlement Registers	1		G								
						1						Standard Settlement Configuration Id
91B	Time Pattern Regime	1-*					G					
							1					Time Pattern Regime
92B	Expected Register Readings	1-*						G				
								1				Meter Register Id
								1				Register Mapping Coefficient

Commented [JW179]: Message Collection Conditional Rule

Commented [JW180]: Message Collection Conditional Rule

Flow Reference: **D0290**Flow Version: **001**

Status: Operational

									1		Meter Register Type
									1		Measurement Quantity Id
									1		Number of Register Digits
									1		Expected Register Reading
									O		High Tolerance Reading
									O		Low Tolerance Reading
93B	Non Settlement Registers	0-*					G				
								1			Metering System Non Settlement Functionality Code
94B	Time Pattern Regimes	1-*					G				
								1			Time Pattern Regime
95B	Expected Register Readings	1-*					G				
									1		Meter Register Id
									1		Register Mapping Coefficient
									1		Meter Register Type
									1		Measurement Quantity Id
									1		Number of Register Digits
									O		Expected Register Reading
									O		High Tolerance Reading
									O		Low Tolerance Reading

Notes:	See Annex C for Flow Notes
---------------	----------------------------

Commented [JW181]: See Annex C updates

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5	3025	New Data Flow Created.
Version 7.2	3145	Flow Notes changed.
Version 12.2	3524	Flow notes moved to Annex C

Flow Reference: **D0291**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Register Readings on Change of Measurement Class coincident with Change of Supplier	
Flow Description:	HHMO notifies the NHHMO of the register readings on a change of measurement class from NHH to HH..	
Flow Ownership:	MRA	
From	To	Version
MOP	MOP	5.1

Data Items:

Reference	Item Name
J0012	Additional Information
J1626	CoS and Coincident CoMC Indicator
J0014	Date of Action
J1269	Date of Meter Removal
J0924	Effective from Settlement Date (REGI) for New Supplier
J0004	Meter Id (Serial Number)
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0016	Reading Date & Time
J1627	Register Description
J0040	Register Reading
J0024	Site Visit Check Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
10C	Non Half Hourly Metering System	1-*		G								
					1							MPAN Core
					1							CoS and Coincident CoMC Indicator
					1							Effective from Settlement Date (REGI) for New Supplier
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4

Flow Reference: **D0291**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				1						Date of Action
11C	Non Half Hourly Meter not present	1-*	If Non Half Hourly Meter not present	G						
				O						Site Visit Check Code
				O						Additional Information
12C	Non Half Hourly Meter details	1-*	If Non Half Hourly Meter present	G						
				1						Meter Id (Serial Number)
				O						Date of Meter Removal
				O						Site Visit Check Code
				O						Additional Information
13C	Non Half Hourly Meter Registers	0-*		G						
					1					Register Description
					1					Register Reading
					1					Reading Date & Time

Commented [JW182]: Message Collection Conditional Rule

Commented [JW183]: Message Collection Conditional Rule

Notes: The HH Meter Operator may remove or reconfigure the NHH Metering System on a change of measurement class, however, they may not be aware of the various register mappings that need to be applied. The HHMO is therefore required to pass any/all of the register readings along with register details to the NHHMO to enable them to translate the values given into readings that may be used by the NHHDC. Where the NHH meter is not present, or final readings were not obtained the HHMO needs to provide this information to the NHHMO.

Commented [JW184]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3007	New Data Flow created.

Flow Reference: D0292**Flow Version: 001****Status:**

Flow Name:	Scottish Regression Equation Coefficients
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3044	New Data Flow created.
Version 6	3070	New Flow occurrence from Profile Administrator to IARA and Notes added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: D0293**Flow Version: 001****Status:**

Flow Name:	Scottish Default Period Profile Class Coefficients
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3044	New Data Flow created.
Version 6	3070	New Flow occurrence from Profile Administrator to IARA and Notes added.
Version 8.4	3271	Flow deleted from catalogue

Flow Reference: **D0294**Flow Version: **001**

Status: Operational

Flow Name:	Confirmation of BM Unit Allocation
Flow Description:	Used to notify a Supplier that their BM Unit allocation has been accepted and include verification of the allocation..
Flow Ownership:	MRA

From	To	Version
HHDA	Supplier	5.1

Data Items:

Reference	Item Name
J1628	BM Unit Id
J1647	Effective from Settlement Date {MSBMU}
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
21C	File Sequence Number	1		G								
					1							File Sequence Number
22C	Confirmed Allocations	1-*		G								
						1						Incoming Instruction Number
						1						MPAN Core
						1						BM Unit Id
						1						Effective from Settlement Date {MSBMU}

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3056	New Data Flow created.

Flow Reference: **D0295**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of BM Unit Allocation
Flow Description:	Notification to the Supplier that the BM Unit allocation has been rejected and giving the reason for rejection..
Flow Ownership:	MRA

From	To	Version
HHDA	Supplier	5.1

Data Items:

Reference	Item Name
J1646	BM Unit Allocation Rejection Reason Code
J1628	BM Unit Id
J1647	Effective from Settlement Date {MSBMU}
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
23C	File Sequence Number	1		G								
					1							File Sequence Number
24C	Rejected Allocations	1-*		G								
					O							Incoming Instruction Number
					O							MPAN Core
					O							BM Unit Id
					O							Effective from Settlement Date {MSBMU}
					1							BM Unit Allocation Rejection Reason Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3055	New Data Flow created.

Flow Reference: D0296**Flow Version: 001****Status:** Operational

Flow Name:	Supplier BM Unit Report		
Flow Description:	Report for each Supplier containing details of the Supplier’s valid BM Units, GSP Group/BM Unit/Profile Class/Standard Settlement Configuration mappings and consumption/generation by BM Unit and Consumption Component Class..		
Flow Ownership:	BSC		
From	To	Version	
SVAA	Supplier	5.1	

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1629	Aggregated BM Unit Energy
J1630	Aggregated BM Unit Line Losses
J1628	BM Unit Id
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J1638	Corrected BM Unit Energy
J1639	Corrected BM Unit Line Losses
J1642	Daily Aggregated BM Unit Energy
J1643	Daily Aggregated BM Unit Line Losses
J1644	Daily Corrected BM Unit Energy
J1645	Daily Corrected BM Unit Line Losses
J1120	Daily DA HH MSID Count
J1641	Daily Period BM Unit Total Allocated Volume
J1640	Daily Uncorrected Period BM Unit Total Allocated Volume
J0163	Data Aggregation Type
J0241	Data Aggregator HH MSID Count
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J1631	Default BM Unit Flag
J1635	Default BM Unit Reason Code
J1104	GSP Group
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1637	Period BM Unit Total Allocated Volume
J0071	Profile Class Id
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J1634	SSR Run BM Unit Id
J0195	SSR Run Date
J0196	SSR Run Number

Flow Reference: **D0296**Flow Version: **001**

Status: Operational

Reference	Item Name
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0248	Supplier Name
J1636	Uncorrected Period BM Unit Total Allocated Volume
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT	Report Parameters	1		G								
					1							User Name
					1							Report Parameters
HDR	Additional Header Details	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number
					1							SSR Run Type Id
					1							Supplier Id
					1							Supplier Name
GSP	GSP Group	0-*		G								
					1							GSP Group Id
					1							GSP Group Name
BM1	BM Unit Standing Data	1-*		G								
					1							BM Unit Id
					1							Default BM Unit Flag
PCL	Profile Class	0-*				G						
							1					Profile Class Id
SSC	Standard Settlement Configuration	0-*					G					
								1				Standard Settlement Configuration Id
BM2	BM Unit Half Hourly and Non-Half Hourly Energy by CCC and Settlement Period	1-*		G								
					1							BM Unit Id
					1							Default BM Unit Flag
CCC	Consumption Component Class Half Hourly and Non-Half Hourly Energy	0-*				G						
							1					Consumption Component Class Id
							1					GSP Group Correction Scaling Factor
							O					AA/EAC Indicator
							O					Actual/Estimated Indicator

Flow Reference: **D0296**Flow Version: **001**

Status: Operational

						1				Data Aggregation Type
						1				Metered/Unmetered Indicator
						1				Consumption Component Indicator
						1				Measurement Quantity Id
SE1	Settlement Period Half Hourly and Non-Half Hourly Energy	0-*				G				
						1				Settlement Period Id
						1				Settlement Period Label
						O				Aggregated BM Unit Energy
						O				Aggregated BM Unit Line Losses
						O				Corrected BM Unit Energy
						O				Corrected BM Unit Line Losses
TL1	Daily Total 1 BM Unit Half Hourly and Non-Half Hourly Energy	1				G				
						O				Daily Aggregated BM Unit Energy
						O				Daily Aggregated BM Unit Line Losses
						O				Daily Corrected BM Unit Energy
						O				Daily Corrected BM Unit Line Losses
BM3	BM Unit Half Hourly and Non-Half Hourly Energy by Settlement Period	1-*				G				
						1				BM Unit Id
						1				Default BM Unit Flag
BMV	Period BM Unit Total Allocated Volume	1-*				G				
						1				Settlement Period Id
						1				Settlement Period Label
						1				Uncorrected Period BM Unit Total Allocated Volume
						1				Period BM Unit Total Allocated Volume
TL2	Daily Total 2 BM Unit Half Hourly and Non-Half Hourly Energy	1				G				
						1				Daily Uncorrected Period BM Unit Total Allocated Volume
						1				Daily Period BM Unit Total Allocated Volume
DA2	Data Aggregator	0-*				G				
						1				Data Aggregator Id
						1				Data Aggregator Name
BM4	BM Unit Half Hourly Energy	1-*				G				
						O				BM Unit Id
						O				SSR Run BM Unit Id
						O				Default BM Unit Reason Code
CC2	Consumption Component Class Half Hourly Energy	0-*				G				

Flow Reference: **D0296**Flow Version: **001**

Status: Operational

								O			AA/EAC Indicator
								O			Actual/Estimated Indicator
								1			Consumption Component Class Id
								1			Consumption Component Indicator
								1			Data Aggregation Type
								1			Measurement Quantity Id
								1			Metered/Unmetered Indicator
SE2	Settlement Period Half Hourly Energy	0-*						G			
								1			Settlement Period Id
								1			Settlement Period Label
								O			Aggregated BM Unit Energy
								O			Aggregated BM Unit Line Losses
								1			Data Aggregator HH MSID Count
TL3	Daily Total BM Unit Half Hourly Energy	1						G			
								O			Daily Aggregated BM Unit Energy
								O			Daily Aggregated BM Unit Line Losses
								1			Daily DA HH MSID Count

Notes:	<p>The Supplier BM Unit Report is output in ascending order by GSP Group Id. The sort order of the repeating groups is specified as follows:</p> <p>BM1 BM Unit Id, Profile Class Id, Standard Settlement Configuration Id BM2 BM Unit Id, Consumption Component Class Id, Settlement Period Id BM3 BM Unit Id, Settlement Period Id DA2 Data Aggregator Id, BM Unit Id, Consumption Component Class Id, Settlement Period Id</p> <p>The BM1 group will include all BM Units effective in the GSP Group on the Settlement Day for the Supplier. This includes BM Units for which no energy was allocated by the SSR Run;</p> <p>Profile Class/Standard Settlement Configuration mappings (PCL group) are included only where they have been notified to the SVAA by the Supplier;</p> <p>The BM2 and BM3 groups will include only those BM Units for which energy volumes have been allocated by the SSR Run; and</p> <p>The BM Unit Id field in the BM4 group will be populated with the BM Unit Id supplied by the HHDA. If the HHDA provides D0040 files (without BMU) then this field will be null.</p>
---------------	--

Commented [JW185]: Talk to Elexon regarding the rule

Commented [JW186]: Message Collection Conditional Rule

Commented [JW187]: Message Collection Conditional Rule

Commented [JW188]: Message Collection Conditional Rule

Commented [JW189]: Data Item Value rule

Flow Reference: D0296**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3053	New Data Flow created.
Version 5.2	3063	Data Item 'SSR Run BM Unit Id' changed to Optional in Group BM4.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'

Flow Reference: **D0297**Flow Version: **001**

Status: Operational

Flow Name:	Notification of BM Unit Allocation
Flow Description:	Supplier notification to HHDA of the BM Unit for an MPAN. To be used for both initial allocation (where the Supplier doesn't want to use the default BM Unit) and for updates..
Flow Ownership:	MRA

From	To	Version
Supplier	HHDA	5.1

Data Items:

Reference	Item Name
J1628	BM Unit Id
J1647	Effective from Settlement Date {MSBMU}
J0330	File Sequence Number
J0109	Instruction Number
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
44C	File Sequence Number	1		G								
					1							File Sequence Number
45C	BM Unit Allocation	1-*		G								
					1							Instruction Number
					1							MPAN Core
					1							BM Unit Id
					1							Effective from Settlement Date {MSBMU}

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3057	New Data Flow created.

Flow Reference: D0298**Flow Version: 001****Status:**

Flow Name:	BM Unit Aggregated Half Hour Data File
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3051	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 7.9	3207	Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222)
Version 7.9	3224	Flow Version 1 deleted, Flow Version 2 created.
Version 11.3	3454	Version 3 of Data Flow created with a status of Test
Version 11.4	3453	Flow Version 2 deleted, Flow Version 3 status changed to operational.

Flow Reference: D0298**Flow Version: 002****Status:**

Flow Name:	BM Unit Aggregated Half Hour Data File
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3051	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 7.9	3207	Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222)
Version 7.9	3224	Flow Version 1 deleted, Flow Version 2 created.
Version 11.3	3454	Version 3 of Data Flow created with a status of Test
Version 11.4	3453	Flow Version 2 deleted, Flow Version 3 status changed to operational.

Flow Reference: **D0298**Flow Version: **003**

Status: Operational

Flow Name:	BM Unit Aggregated Half Hour Data File	
Flow Description:	Aggregated line loss adjusted HH consumption/generation figures in a GSP Group by Supplier and BM Unit..	
Flow Ownership:	BSC	
From	To	Version
HHDA	Supplier	11.4
HHDA	SVAA	11.4

Data Items:

Reference	Item Name
J1629	Aggregated BM Unit Energy
J1630	Aggregated BM Unit Line Losses
J1628	BM Unit Id
J0160	Consumption Component Class Id
J0241	Data Aggregator HH MSID Count
J0189	Distributor Id
J1104	GSP Group
J0147	Line Loss Factor Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
SUP	Supplier	1-*		G								
					1							Supplier Id
BMU	BM Unit	1-*		G								
						1						BM Unit Id
CCC	Consumption Component Class	0-*				G						
							1					Consumption Component Class Id
SET	Settlement Period / Data Aggregator HH MSID Count	0-*					G					
								1				Settlement Period Id
								1				Data Aggregator HH MSID Count
ABE	Aggregated BM Unit Energy	1	If consumption or generation					G				
									1			Aggregated BM Unit Energy
ABL	Aggregated BM Unit Line Losses	1	If Line Loss					G				

Commented [JW190]: Message Collection Conditional Rule

Commented [JW191]: Message Collection Conditional Rule

Flow Reference: **D0298**Flow Version: **003**

Status: Operational

									1		Aggregated BM Unit Line Losses
37J	Supplier ID	0-*	If Supplier has MPANs in Measurement Class 'F' or 'G'	G							
					1						Supplier Id
38J	BM Unit	1-*		G							
					1						BM Unit Id
39J	Consumption Component Class	0-*		G							
					1						Consumption Component Class Id
40J	Line Loss Factor Class	0-*		G							
					1						Distributor Id
					1						Line Loss Factor Class Id
41J	Settlement Period / Data Aggregator HH MSID Count	0-*		G							
					1						Settlement Period Id
					1						Data Aggregator HH MSID Count
42J	Aggregated BM Unit Energy	1	If consumption or generation					G			
								1			Aggregated BM Unit Energy
43J	Aggregated BM Unit Line Losses	1	If Line Loss					G			
								1			Aggregated BM Unit Line Losses

Commented [JW192]: Message Collection Conditional Rule

Commented [JW193]: Message Collection Conditional Rule

Commented [JW194]: Message Collection Conditional Rule

Notes:	Where this flow is being sent to the Supplier, the flow will contain data for that Supplier only.
	The BM Unit Aggregated Half Hour Data File is output in ascending order by Supplier Id, BM Unit Id, Consumption Component Class Id and Settlement Period Id.

Commented [JW195]: Guidance / covered in structure

Commented [JW196]: Talk to Elexon about correct manner to represent these rule types

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3051	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'
Version 7.9	3207	Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222)
Version 7.9	3224	Flow Version 1 deleted, Flow Version 2 created.
Version 11.3	3454	Version 3 of Data Flow created with a status of Test
Version 11.4	3453	Flow Version 2 deleted, Flow Version 3 status changed to operational.

Flow Reference: **D0299**Flow Version: **001**

Status: Operational

Flow Name:	Stage 2 BM Unit Registration Data File	
Flow Description:	The file of Stage 2 BM Units and their associations to Suppliers and GSP Groups..	
Flow Ownership:	BSC	
From	To	Version
MDDA	HHDA	5.1
MDDA	Supplier	5.1

Data Items:

Reference	Item Name
J1628	BM Unit Id
J1631	Default BM Unit Flag
J1632	Effective from Settlement Date {BMUIGG}
J1633	Effective to Settlement Date {BMUIGG}
J0066	GSP Group Id
J0269	GSP Group Name
J0773	MDD Publication Date
J0754	MDD Version Number
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
MDD	Market Domain Data Version	1		G								
					1							MDD Version Number
					1							MDD Publication Date
GSG	GSP Groups	1-*		G								
					1							GSP Group Id
					1							GSP Group Name
SUP	Supplier	0-*		G								
						1						Supplier Id
BMR	BM Unit Registration	1-*				G						
							1					BM Unit Id
							1					Effective from Settlement Date {BMUIGG}
							O					Effective to Settlement Date {BMUIGG}
							1					Default BM Unit Flag

Notes:	<p>The Stage 2 BM Unit Registration Data File is output in ascending order by GSP Group Id, Supplier Id and BM Unit Id;</p> <p>The Stage 2 BM Unit Registration Data File contains all Stage 2 BM Units registered in MDD at the time that the file is generated. It does not include logically deleted BM Units; and</p> <p>In order to ensure that a BM Unit is available for any consumption received by the SVAA, a Default BM Unit will be defined for each Supplier for every GSP Group in England and Wales.</p>
---------------	---

Commented [JW197]: Exelon discussion

Commented [JW198]: Guidance

Flow Reference: D0299**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.1	3052	New Data Flow created.
Version 6	3074	Flow ownership changed from 'Pool' to 'BSC'

Flow Reference: **D0300**Flow Version: **001**

Status: Operational

Flow Name:	Disputed Readings or Missing Readings on Change of Supplier	
Flow Description:	Notification of a disputed/missing Meter Readings on Change of Supplier and the associated details..	
Flow Ownership:	MRA	
From	To	Version
NHHDC	Supplier	5.2
Supplier	NHHDC	5.2
Supplier	Supplier	5.2

Data Items:

Reference	Item Name
J0012	Additional Information
J1265	Change of Supplier Reading Rejection Code
J0924	Effective from Settlement Date {REGI} for New Supplier
J1704	Initiating Flow Indicator
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J1703	MPAN Core Process
J1659	Proposed Register Reading
J0171	Reading Type
J1663	Record Rejection Reason Indicator
J0040	Register Reading
J1660	Status of Proposed Reading(s)

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
58C	MPAN Details	1-*		G								
					1							MPAN Core
					1							MPAN Core Process
					1							Effective from Settlement Date {REGI} for New Supplier
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3

Flow Reference: **D0300**Flow Version: **001**

Status: Operational

				O						Metering Point Address Line 4
				O						Metering Point Address Line 5
				O						Metering Point Address Line 6
				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				O						Additional Information
				O						Record Rejection Reason Indicator
59C	Meter Id	1-*		G						
				O						Meter Id (Serial Number)
				I						Initiating Flow Indicator
60C	Meter Register Details	1-*		G						
				O						Meter Register Id
				O						Register Reading
				O						Reading Type
				O						Change of Supplier Reading Rejection Code
				O						Proposed Register Reading
				I						Status of Proposed Reading(s)

Notes:	Although each address line in this flow is optional, the address itself is mandatory and must be included in the flow in Standard Address Format (SAF)
	See Annex C for flow notes
	Rules for population of this flow for Disputed Readings on DCC enrolled smart meters are also defined in Annex C.

Commented [JW199]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 5.2	3065	New Data Flow created.
Version 6	3085	Replaced Data Items 'J1653' and 'J1659' with 'J1664' and 'J1666' respectively, deleted Data Item 'J1658' from Group 60C, deleted Data Item 'J1654' from Group 57C, Data Items 'J1662' and 'J1661' added to Group 57C and Data Item 'J1663' added to Group 58C. Group 61C added to Flow.
Version 7.1	3116	Data Item 'Initiating Supplier Contact Name (J1656)' made optional.
Version 8.3	3247	Flow amended to enable use for missing readings on change of Supplier. Flow changed from email spreadsheet to DTN.
Version 8.3	3267	Flow notes on completion of Address added
Version 11.8	3491	Reference to Annex C rules DCC enrolled smart meter readings

Flow Reference: D0301**Flow Version: 001****Status:**

Flow Name:	Erroneous Transfer Communication
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.1	3118	Data Flow created
Version 11.1	3409	Creation of DTN flow and changes to the flow. Email version retained for a transitional period to allow for the run-off of Erroneous Transfers in progress to date of DTC CP 3409.
Version 11.3	3455	Version 001 of Data Flow removed from the DTC and replaced by Version 002.

Flow Reference: **D0301**Flow Version: **002**

Status: Operational

Flow Name:	Erroneous Transfer Communication	
Flow Description:	Notification / Update of an Erroneous Registration / Transfer.	
Flow Ownership:	MRA	
From	To	Version
Supplier	Supplier	11.1

Data Items:

Reference	Item Name
J0012	Additional Information
J1650	Associated Supplier Id
J0375	Customer Name
J1670	Customer Requests No Contact
J1668	Customer Telephone Number
J0924	Effective from Settlement Date {REGI} for New Supplier
J1669	Initial Customer Contact Date
J1657	Initiating Supplier Id
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0016	Reading Date & Time
J0171	Reading Type
J1671	Reason for Return
J0040	Register Reading
J1672	Status of Erroneous Transfer

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
63C	Metering Point / Customer Details	1-*		G								
					I							MPAN Core
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6

Flow Reference: **D0301**Flow Version: **002**

Status: Operational

				O						Metering Point Address Line 7
				O						Metering Point Address Line 8
				O						Metering Point Address Line 9
				O						Metering Point Postcode
				1						Effective from Settlement Date (REGI) for New Supplier
				1						Initial Customer Contact Date
				1						Initiating Supplier Id
				1						Associated Supplier Id
				1						Customer Name
				O						Customer Telephone Number
				O						Customer Requests No Contact
64C	Erroneous Registration / Transfer Details	1	If New Supplier Sending	G						
				1						Reason for Return
				1						Status of Erroneous Transfer
				O						Additional Information
65C	Erroneous Registration / Transfer Details	1	If Old Supplier Sending	G						
				O						Reason for Return
				1						Status of Erroneous Transfer
				O						Additional Information
66C	Meter / Reading Types	0-*		G						
				1						Meter Id (Serial Number)
				1						Reading Type
67C	ET Readings	0-*		G						
				1						Meter Register Id
				1						Reading Date & Time
				1						Register Reading

Notes: See Annex C for flow notes

J0012 (Additional Information) is mandatory if J1672 (Status of Erroneous Transfer) is populated with 'C' or 'F'.

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.1	3118	Data Flow created
Version 11.1	3409	Creation of DTN flow and changes to the flow. Email version retained for a transitional period to allow for the run-off of Erroneous Transfers in progress to date of DTC CP 3409.
Version 11.3	3455	Version 001 of Data Flow removed from the DTC and replaced by Version 002.

Commented [JW200]: Message Collection Conditional Rule**Commented [JW201]:** Message Collection Conditional Rule**Commented [JW202]:** Data Item Requirement Rule

Flow Reference: D0302**Flow Version: 001****Status:**

Flow Name:	Notification of Customer Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.2	3106	Data Flow Created.
Version 7.2	3145	Flow Notes changed.
Version 8.2	3257	Flow Notes referencing Group 69C added.
Version 11.2	3433	Data Flow changed to improve customer communication
Version 11.2	3433	Data Flow D0302 Version 1 removed from the DTC and Version 2 introduced.

Flow Reference: D0302**Flow Version:** 002**Status:** Operational

Flow Name:	Notification of Customer Details
Flow Description:	The Supplier will inform the participants of customer contact address and mailing address details..
Flow Ownership:	MRA

From	To	Version
Supplier	Distributor	11.2
Supplier	HHDC	11.2
Supplier	MOP	11.2
Supplier	NHHDC	11.2

Data Items:

Reference	Item Name
J0012	Additional Information
J2060	Contact Email
J0491	Contact Fax Number
J0489	Contact Name
J0490	Contact Telephone Number
J0375	Customer Name
J0693	Customer Password
J0694	Customer Password Effective from Date
J1845	Customer Preferred Contact Method
J1674	Delete Mailing Address Data Held
J0049	Effective from Settlement Date {REGI}
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode
J1011	Maximum Power Requirement
J0003	MPAN Core
J0692	Special Access

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
68C	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {REGI}
69C	Customer Details	0-1		G								
					1							Customer Name
					O							Additional Information
					O							Customer Password
					O							Customer Password Effective from Date
					O							Special Access

Flow Reference: **D0302**Flow Version: **002**

Status: Operational

					O					Maximum Power Requirement
15J	Contact Name	0-*		G						Contact Name
					1					Customer Preferred Contact Method
					O					
16J	Contact Telephone	0-*		G						Contact Telephone Number
					1					Contact Fax Number
					O					
17J	Contact Email	0-*		G						Contact Email
					1					
70C	Mailing Address	0-1		G						Delete Mailing Address Data Held
					O					Mailing Address Line 1
					O					Mailing Address Line 2
					O					Mailing Address Line 3
					O					Mailing Address Line 4
					O					Mailing Address Line 5
					O					Mailing Address Line 6
					O					Mailing Address Line 7
					O					Mailing Address Line 8
					O					Mailing Address Line 9
					O					Mailing Address Postcode

Notes:

This flow must be sent whenever there is a new or changed value for any data item contained within Groups 69C, 15J, 16J, 17J.

The address should only be populated where there is a new or changed mailing address.

Though each address line in this flow is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent.

Commented [JW203]: Process Obligation

Commented [JW204]: Message Collection Conditional Rule

Commented [JW205]: General Address Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.2	3106	Data Flow Created.
Version 7.2	3145	Flow Notes changed.
Version 8.2	3257	Flow Notes referencing Group 69C added.
Version 11.2	3433	Data Flow changed to improve customer communication
Version 11.2	3433	Data Flow D0302 Version 1 removed from the DTC and Version 2 introduced.

Flow Reference: **D0303**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	
Flow Description:	Notification to the MAP of any change to relevant MOP appointments, Supplier registration and Meter Assets..	
Flow Ownership:	MRA	
From	To	Version
MOP	MAP	7.4

Data Items:

Reference	Item Name
J0012	Additional Information
J1679	Associated Equipment Serial Number
J1678	Associated Equipment Type
J1680	Date of Installation / Removal of Timing Device / Associated Equipment
J0848	Date of Meter Installation
J1269	Date of Meter Removal
J0210	Effective from Date {MOA}
J0049	Effective from Settlement Date {REGI}
J0360	Effective to Date {MOA}
J0410	Manufacturers Make & Type
J1681	MAP Contract Reference
J0004	Meter Id (Serial Number)
J0178	Meter Operator Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J1194	New Supplier Id
J0275	Service Level Reference
J0274	Service Reference
J0084	Supplier Id
J0716	Timing Device Id (Serial Number)

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
72C	Meter Operator Details	1		G								
					1							Meter Operator Id
73C	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Date {MOA}
					O							Effective to Date {MOA}

Flow Reference: **D0303**Flow Version: **001**

Status: Operational

					O					Date of Installation / Removal of Timing Device / Associated Equipment
					O					Metering Point Address Line 1
					O					Metering Point Address Line 2
					O					Metering Point Address Line 3
					O					Metering Point Address Line 4
					O					Metering Point Address Line 5
					O					Metering Point Address Line 6
					O					Metering Point Address Line 7
					O					Metering Point Address Line 8
					O					Metering Point Address Line 9
					O					Metering Point Postcode
					O					Additional Information
					1					Supplier Id
					1					Effective from Settlement Date (REGI)
					O					MAP Contract Reference
					O					Service Reference
					O					Service Level Reference
					O					New Supplier Id
74C	Meter Details	1-*			G					
					1					Meter Id (Serial Number)
					1					Manufacturers Make & Type
					O					Date of Meter Installation
					O					Timing Device Id (Serial Number)
75C	Associated Equipment Details	0-*			G					
					1					Associated Equipment Type
					1					Associated Equipment Serial Number
76C	Removal Date	0-1	If Meter Removed		G					
					1					Date of Meter Removal

Notes:

The optionality of the MPAN Address and MAP contract details will be determined by the MAP in the bilateral agreement between the MAP and MOP or the agreement between the MAP and the Supplier as appropriate in the circumstances.

In addition to the mandatory scenarios when this flow must be sent, it may also be used by bilateral agreement when the MPAN Address and / or MAP contract details have changed.

Commented [JW206]: Message Collection Conditional Rule

Commented [JW207]: Guidance

Commented [JW208]: Guidance

Flow Reference: D0303**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.4	3149	Data Flow created.
Version 9.5	3307	Notes added to data flow
Version 10.9	3395	"New Supplier Id" data item added to "MPAN Cores" group

Flow Reference: **D0304**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Meter Asset Provider
Flow Description:	This is a notification sent to inform Parties the identity of the New MAP for particular metering equipment..
Flow Ownership:	MRA

From	To	Version
MAP	MOP	7.4
MOP	Distributor	7.4
MOP	MPAS	12.5
MOP	Supplier	7.4
MPAS	MOP	12.5

Data Items:

Reference	Item Name
J0012	Additional Information
J1679	Associated Equipment Serial Number
J1678	Associated Equipment Type
J0048	Contract Reference
J1682	Effective from Date {MAPA}
J0410	Manufacturers Make & Type
J1677	Meter Asset Provider Id
J0004	Meter Id (Serial Number)
J0003	MPAN Core
J2255	MPAS D0304 Response Code
J0275	Service Level Reference
J0274	Service Reference
J0716	Timing Device Id (Serial Number)

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
77C	New MAP Details	1		G								
					1							Meter Asset Provider Id
					1							Effective from Date {MAPA}
78C	MPAN Cores	1-*		G								
					1							MPAN Core
					O							Additional Information
					O							Contract Reference
					O							Service Reference
					O							Service Level Reference
79C	Meter Details	1-*		G								
					1							Meter Id (Serial Number)
					1							Manufacturers Make & Type
					O							Timing Device Id (Serial Number)
80C	Associated Equipment Details	0-*					G					
							1					Associated Equipment Type
							1					Associated Equipment Serial Number
72M	MPAS Response	1-*	MPAS Only			G						

Commented [JW209]: Message Scenario Variant

Flow Reference: D0304**Flow Version: 001****Status:** Operational

							1					MPAS D0304 Response Code
--	--	--	--	--	--	--	---	--	--	--	--	--------------------------

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.4	3142	Data Flow created.
Version 7.4	3186	MOP to Supplier and MOP to Distributor instance added. Flow Description amended.
Version 12.5	3554	MOP to MPAS and MPAS to MOP instance added. Response group added
Version 12.5	3563	Condition of "MPAS Only" added to "MPAS Response" Data Group

Flow Reference: **D0305**Flow Version: **001**

Status: Operational

Flow Name:	Notice of Customer Requested Objection		
Flow Description:	Notification to New Supplier that an objection has been raised at the request of the Customer that states not to have entered into a contract with the New Supplier..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	Supplier	7.5	

Data Items:

Reference	Item Name
J0012	Additional Information
J1651	Batch Identifier
J0375	Customer Name
J1668	Customer Telephone Number
J1692	Date Customer Requested Objection Raised
J0924	Effective from Settlement Date {REGI} for New Supplier
J1655	House Name/Number
J0003	MPAN Core
J1194	New Supplier Id
J0923	Old Supplier Id
J0757	Postcode
J1673	Street Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
82C	Contact Details	1-*		G								
					1							Batch Identifier
					1							Old Supplier Id
					1							New Supplier Id
83C	Metering Point / Customer Details	1-*		G								
					1							MPAN Core
					1							House Name/Number
					O							Postcode
					O							Street Name
					1							Effective from Settlement Date {REGI} for New Supplier
					1							Customer Name
					O							Customer Telephone Number
					1							Date Customer Requested Objection Raised
					O							Additional Information

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Flow Reference: D0305**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.5	3193	Data Flow created (Implementation date amended via CP3205).
Version 7.5	3209	Data Item 'Initial Customer Contact Date (J1669)' removed.

Flow Reference: D0306**Flow Version: 001****Status:**

Flow Name:	Request for Debt Information
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following review of MAP13 - Procedure for the Assignment of Debt in Relation to Prepayment Meters

Flow Reference: **D0306**Flow Version: **002**

Status: Operational

Flow Name:	Request for Debt Information
Flow Description:	Request for debt information upon agreement from Customer.
Flow Ownership:	MRA

From	To	Version
Supplier	Supplier	12.5

Data Items:

Reference	Item Name
J0012	Additional Information
J2246	Customer Forename
J2247	Customer Surname
J2248	Customer Title
J2249	DAP Rejection Code
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
87C	Metering Point / Customer Details	1-*		G								
					1							MPAN Core
					O							Customer Title
					O							Customer Forename
					1							Customer Surname
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8
					O							Metering Point Address Line 9
					O							Metering Point Postcode

Flow Reference: **D0306**Flow Version: **002**

Status: Operational

61M	Rejection Reason	1	If sender is Old Supplier		G										
						1									DAP Rejection Code
						O									Additional Information

Commented [JW210]: Message Collection Conditional Rule

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following review of MAP13 - Procedure for the Assignment of Debt in Relation to Prepayment Meters

Flow Reference: D0307**Flow Version: 001****Status:**

Flow Name:	Debt Information
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following DAP review

Flow Reference: **D0307**Flow Version: **002**

Status: Operational

Flow Name:	Debt Information
Flow Description:	Estimate of Debt Held on Meter.
Flow Ownership:	MRA

From	To	Version
Supplier	Supplier	12.5

Data Items:

Reference	Item Name
J0012	Additional Information
J1694	Complex Debt Indicator
J2249	DAP Rejection Code
J0547	Debt Recovery Rate
J1695	Estimated Total Debt Outstanding
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
90C	Customer Details	1-*		G								
					1							MPAN Core
					1							Complex Debt Indicator
					O							Additional Information
91C	Debt Details	1		G								
					1							Debt Recovery Rate
					1							Estimated Total Debt Outstanding
62M	Rejection Reason	1	If sender is New Supplier	G								
					1							DAP Rejection Code
					O							Additional Information

Commented [JW211]: Message Collection Conditional Rule

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following DAP review

Flow Reference: D0308**Flow Version: 001****Status:**

Flow Name:	Confirmation of Customer Debt Transfer
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following DAP review

Flow Reference: **D0308**Flow Version: **002**

Status: Operational

Flow Name:	Confirmation of Customer Debt Transfer	
Flow Description:	Confirmation that a transfer of customer debt has been accepted.	
Flow Ownership:	MRA	
From	To	Version
Supplier	Supplier	12.5

Data Items:

Reference	Item Name
J0012	Additional Information
J2246	Customer Forename
J2247	Customer Surname
J2248	Customer Title
J2249	DAP Rejection Code
J1696	Earliest Resubmission Date
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
93C	Customer Details	1-*		G								
					1							MPAN Core
					1							Earliest Resubmission Date
					O							Additional Information
					O							Customer Title
					O							Customer Forename
					1							Customer Surname
					O							Metering Point Address Line 1
					O							Metering Point Address Line 2
					O							Metering Point Address Line 3
					O							Metering Point Address Line 4
					O							Metering Point Address Line 5
					O							Metering Point Address Line 6
					O							Metering Point Address Line 7
					O							Metering Point Address Line 8

Flow Reference: **D0308**Flow Version: **002**

Status: Operational

				O							Metering Point Address Line 9
				O							Metering Point Postcode
63M	Rejection Reason	1	If sender is Old Supplier	G							
					I						DAP Rejection Code
					O						Additional Information

Commented [JW212]: Message Collection Conditional Rule

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following DAP review

Flow Reference: D0309**Flow Version: 001****Status:**

Flow Name:	Confirmation of Debt Assigned
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following DAP review

Flow Reference: **D0309**Flow Version: **002**

Status: Operational

Flow Name:	Confirmation of Debt Assigned	
Flow Description:	Confirmation of the amount of debt to be assigned.	
Flow Ownership:	MRA	
From	To	Version
Supplier	Supplier	12.5

Data Items:

Reference	Item Name
J0012	Additional Information
J1698	Amount of VAT
J2250	DAP Response Code
J0547	Debt Recovery Rate
J1695	Estimated Total Debt Outstanding
J1697	Factored Total Payment
J0003	MPAN Core
J0544	Total Debt Outstanding

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
96C	Customer Details	1-*		G								
					1							MPAN Core
97C	Final Debt Details	1		G								
					1							Debt Recovery Rate
					1							Estimated Total Debt Outstanding
					1							Total Debt Outstanding
					1							Amount of VAT
					1							Factored Total Payment
64M	Response Code	1	If sender is New Supplier	G								
					1							DAP Response Code
					O							Additional Information

Commented [JW213]: Message Collection Conditional Rule

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 7.6	3215	Data Flow created.
Version 12.5	3510	Updated following DAP review

Flow Reference: **D0310**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Failure to load or receive Metering System Settlement Details	
Flow Description:	Provides details of any failure to load or receive Metering System Settlement Details by an NHHDC..	
Flow Ownership:	MRA	
From	To	Version
NHHDC	Supplier	8.2
NHHDC	UMSO	8.3

Data Items:

Reference	Item Name
J0012	Additional Information
J0090	Effective from Settlement Date {EACDC}
J0093	Effective from Settlement Date {MSGGDC}
J0094	Effective from Settlement Date {MSMCDC}
J0092	Effective from Settlement Date {MSPCDC}
J0049	Effective from Settlement Date {REGI}
J0300	Effective from Settlement Date {SCON}
J0081	Estimated Annual Consumption
J0066	GSP Group Id
J0082	Measurement Class Id
J0003	MPAN Core
J0071	Profile Class Id
J1702	Settlement Details Failure Reason Code
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
00D	MPAN Details with NHHDC received Data	1-*		G								
					I							MPAN Core
					O							Standard Settlement Configuration Id
					O							Effective from Settlement Date {SCON}
01D	Error Details	1-*		G								
						I						Settlement Details Failure Reason Code
						O						Additional Information
02D	MPAN Cores with Settlement Dates from D0052	1	If NHHDC failed to load D0052	G								
						I						MPAN Core
						I						Effective from Settlement Date {REGI}
						I						Profile Class Id
						I						Effective from Settlement Date {MSPCDC}
						I						Measurement Class Id
						I						Effective from Settlement Date {MSMCDC}

Commented [JW214]: Message Collection Conditional Rule

Flow Reference: **D0310**Flow Version: **001**

Status: Operational

03D	Settlement Details from D0052	1				G											
							1										Standard Settlement Configuration Id
							1										Effective from Settlement Date {SCON}
							1										GSP Group Id
							1										Effective from Settlement Date {MSGGDC}
04D	Time Pattern Regime from D0052	1-*				G											
							1										Time Pattern Regime
							1										Estimated Annual Consumption
							1										Effective from Settlement Date {EACDC}

Notes:	This flow includes unmetered supply requirements. See Annex C for flow notes.
--------	--

Commented [JW215]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.2	3239	Data Flow created.
Version 8.2	3259	Group 02D range changed to 1 from 1-*.
Version 8.3	3251	Instance of NHHDC to UMSO added.

Flow Reference: **D0311**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Old Supplier Information		
Flow Description:	Old Supplier notifies New Supplier of existing billing information..		
Flow Ownership:	MRA		
From	To	Version	
Supplier	NHHDC	8.3	
Supplier	Supplier	8.3	

Data Items:

Reference	Item Name
J1026	Address Line 1
J1027	Address Line 2
J1028	Address Line 3
J1029	Address Line 4
J1030	Address Line 5
J1031	Address Line 6
J1032	Address Line 7
J1033	Address Line 8
J1034	Address Line 9
J1096	Effective from Settlement Date
J0928	Effective to Settlement Date {REG1} for Old Supplier
J0080	Energisation Status
J0081	Estimated Annual Consumption
J2239	Last Inspection Date
J0147	Line Loss Factor Class Id
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J0220	Meter Timeswitch Code
J0483	Meter Type
J0003	MPAN Core
J0757	Postcode
J0071	Profile Class Id
J0016	Reading Date & Time
J0171	Reading Type
J0040	Register Reading
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
05D	MPAN	1..*		G								
					1							MPAN Core
					1							Effective to Settlement Date {REG1} for Old Supplier
					O							Energisation Status
					O							Profile Class Id
					O							Meter Timeswitch Code
					O							Line Loss Factor Class Id
					O							Address Line 1
					O							Address Line 2
					O							Address Line 3
					O							Address Line 4

Flow Reference: **D0311**Flow Version: **001**

Status: Operational

				O						Address Line 5
				O						Address Line 6
				O						Address Line 7
				O						Address Line 8
				O						Address Line 9
				O						Postcode
06D	Meter Details	0-*		G						
					1					Meter Id (Serial Number)
					O					Meter Type
					O					Last Inspection Date
07D	Last Actual or Customer Register Readings	0-*		G						
					1					Meter Register Id
					1					Reading Date & Time
					1					Register Reading
					1					Reading Type
08D	Old Supplier Estimated CoS Readings	0-*		G						
					1					Meter Register Id
					1					Register Reading
09D	Old Supplier's Last EAC Header	0-*		G						
					1					Effective from Settlement Date
10D	Old Supplier's Last EAC Details	1-*		G						
					1					Time Pattern Regime
					1					Estimated Annual Consumption

Notes:

The Flow is sent in order for the New Supplier to have early visibility of key information and may be used at the New Supplier's discretion as an aid to identify potential problems when data is compared to that from other sources. It does not supersede industry process flow data.

Address details in this flow (Address Lines 1-9 and Postcode) should refer to the Site Address held within the billing system, rather than the Billing/ Contact Address.

Groups 09D and 10D refer to Estimated Annual Consumption and should be completed with information received from the NHHDC only, e.g. groups EAH and EAD from D0019.

All other fields should be populated with the Old Supplier's view of the data items from their billing processes. For example, Meter Type should be populated with the Meter Type that the customer is being billed to rather than the latest view of Meter Type from the MOp. This is to enable the New Supplier to identify potential mismatches between historic customer billing and the MPAS/ Agent view.

The Old Supplier Estimated CoS Reading should be populated with an Estimated Reading produced from the Old Supplier Billing system only where the Customer has been billed at least once by that Supplier.

Commented [JW216]: Guidance

Commented [JW217]: Guidance

Commented [JW218]: Data Item Value Rule

Commented [JW219]: Guidance

Commented [JW220]: Guidance

Flow Reference: D0311**Flow Version: 001****Status:** Operational

	<p>The receiving Supplier should assume that the Reading Type for Old Supplier's Estimated CoS Reading is "O"</p> <p>The Last Inspection Date shall be provided by the Losing Supplier, if known and by a person qualified to do so, by obtaining the most recent of the following:</p> <ul style="list-style-type: none">• Meter installation date• Last date that the meter was inspected either by by the Losing Supplier or previous supplier• Where no meter is installed, the 06D Group would not be included (so no Last Inspection Date is required) for example maybe on a New Connection
--	--

Commented [JW221]: Guidance**Commented [JW222]:** Guidance?**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.3	3245	New data flow created
Version 8.3	3253	New instance of Supplier to NHHDC added
Version 12.4	3529	New Data Item Added J2239

Flow Reference: D0312**Flow Version: 001****Status:**

Flow Name:	Notification of Meter Information to ECOES
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.4	3262	Data flow created
Version 8.4	3272	Additional flow notes added
Version 9.3	3296	Addition of Date of Meter Removal
Version 9.3	3299	Changes to Notes, including moving them to Annex C
Version 12.5	3554	Flow Version 002 Created

Flow Reference: **D0312**Flow Version: **002**

Status: Operational

Flow Name:	Notification of Meter Information to MPAS	
Flow Description:	Update MPAS with change to non-MPAS sourced data and the response.	
Flow Ownership:	MRA	
From	To	Version
MOP	MPAS	12.5
MPAS	MOP	12.5
MPAS	Supplier	12.5

Data Items:

Reference	Item Name
J0848	Date of Meter Installation
J1269	Date of Meter Removal
J1677	Meter Asset Provider Id
J0004	Meter Id (Serial Number)
J0178	Meter Operator Id
J0483	Meter Type
J2256	MOP Flow Response Code
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
11D	MPAN Core	1-*		G								
					1							MPAN Core
12D	Meter Info Group	1-*	If meter at metering point	G								
						1						Meter Id (Serial Number)
						1						Meter Type
						1						Meter Asset Provider Id
						1						Date of Meter Installation
13D	Meters Removed	0-*		G								
						1						Meter Id (Serial Number)
						1						Date of Meter Removal
						1						Meter Asset Provider Id
76M	Sending Meter Operator	1	MPAS Only	G								
						1						Meter Operator Id
77M	Response	1-*	MPAS Only	G								
						1						MOP Flow Response Code

Commented [JW223]: Message Collection Conditional Rule

Commented [JW224]: Message Scenario Variant

Commented [JW225]: Message Scenario Variant

Notes:	See Annex C for Flow Notes
---------------	----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 8.4	3262	Data flow created
Version 8.4	3272	Additional flow notes added
Version 9.3	3296	Addition of Date of Meter Removal
Version 9.3	3299	Changes to Notes, including moving them to Annex C
Version 12.5	3554	Flow Version 002 Created

Flow Reference: D0313**Flow Version: 001****Status:** Operational

Flow Name:	Auxiliary Meter Technical Details		
Flow Description:	Communications and security information to accompany NHH Meter Technical Details for AMR Meter Types.		
Flow Ownership:	MRA		
From	To	Version	
MOP	Distributor	9.7	
MOP	MOP	9.7	
MOP	NHHDC	9.7	
MOP	Supplier	9.7	

Data Items:

Reference	Item Name
J1260	Baud Rate
J0382	Channel Number
J0385	Communications Address
J0386	Communications Method
J1709	Communications Provider
J1690	Dial In/ Dial Out Indicator
J1254	Effective from Settlement Date {MSMTD}
J1689	Event Indicator
J0103	Measurement Quantity Id
J0418	Meter COP
J1686	Meter COP Issue Number
J0004	Meter Id (Serial Number)
J1710	Meter Memory Location
J1711	Meter Memory Location Type
J1712	Meter Register Description
J0010	Meter Register Id
J0003	MPAN Core
J0428	Outstation Id
J1688	Outstation Multiplier
J0469	Outstation Number of Channels
J1256	Outstation Number of Dials
J0470	Outstation Password Level 1
J1257	Outstation Password Level 2
J1713	Outstation Password Level 3
J0464	Outstation PIN
J0471	Outstation Type
J1714	Outstation Username Level 1
J1715	Outstation Username Level 2
J1716	Outstation Username Level 3
J0432	Pulse Multiplier
J1717	Remote Disable/Enable Capability
J1718	Timestamp Meter Memory Location

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
02G	MPAN Cores	1-*		G								
					1							MPAN Core

Flow Reference: **D0313**Flow Version: **001**

Status: Operational

				1						Effective from Settlement Date {MSMTD}
				1						Meter COP
				O						Meter COP Issue Number
				1						Event Indicator
				1						Remote Disable/Enable Capability
03G	Outstation Details	1-*		G						
				1						Outstation Id
				1						Outstation Type
				1						Outstation Number of Channels
				1						Outstation Number of Dials
				O						Outstation PIN
				1						Outstation Multiplier
				O						Outstation Username Level 1
				1						Outstation Password Level 1
				O						Outstation Username Level 2
				1						Outstation Password Level 2
				O						Outstation Username Level 3
				1						Outstation Password Level 3
04G	Communications Details	1-*		G						
				1						Communications Method
				1						Communications Address
				O						Dial In/ Dial Out Indicator
				O						Baud Rate
				1						Communications Provider
05G	Channel Number	0-*		G						
				1						Channel Number
				1						Pulse Multiplier
				1						Measurement Quantity Id
06G	Meter Details	1-*		G						
				1						Meter Id (Serial Number)
07G	Meter Memory Details	1-*		G						
							1			Meter Memory Location Type
							1			Timestamp Meter Memory Location
08G	Meter Register Information	1-*					G			
								1		Meter Register Id
								1		Meter Memory Location
								O		Meter Register Description

Notes:**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 9.7	3310	Flow created
Version 10	3320	Change Flow Status to OPERATIONAL

Flow Reference: D0314**Flow Version:** 001**Status:** Operational

Flow Name:	Non Half Hourly Embedded Network DUoS Report		
Flow Description:	A report of profiled SPM data by settlement class for Metering Points on embedded networks, summed over Data Aggregator and Supplier. This report is sent to Host LDSOs (as defined in BSC Procedure BSCP128), and includes data for all embedded networks within their distribution services area..		
Flow Ownership:	BSC		
From	To	Version	
SVAA	Distributor	10.1	

Data Items:

Reference	Item Name
J0244	BSC Trading Party Id
J0884	Daily Profiled SPM Total Annualised Advance
J0885	Daily Profiled SPM Total EAC
J0189	Distributor Id
J0323	Distributor Name
J1724	Embedded Distributor Id
J1741	Embedded Distributor Name
J1104	GSP Group
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J1103	Profile Class
J1292	Profiled SPM Consumption (Settlement Period 01)
J1312	Profiled SPM Consumption (Settlement Period 02)
J1313	Profiled SPM Consumption (Settlement Period 03)
J1314	Profiled SPM Consumption (Settlement Period 04)
J1315	Profiled SPM Consumption (Settlement Period 05)
J1316	Profiled SPM Consumption (Settlement Period 06)
J1317	Profiled SPM Consumption (Settlement Period 07)
J1318	Profiled SPM Consumption (Settlement Period 08)
J1319	Profiled SPM Consumption (Settlement Period 09)
J1320	Profiled SPM Consumption (Settlement Period 10)
J1321	Profiled SPM Consumption (Settlement Period 11)
J1322	Profiled SPM Consumption (Settlement Period 12)
J1323	Profiled SPM Consumption (Settlement Period 13)
J1324	Profiled SPM Consumption (Settlement Period 14)
J1325	Profiled SPM Consumption (Settlement Period 15)
J1326	Profiled SPM Consumption (Settlement Period 16)
J1327	Profiled SPM Consumption (Settlement Period 17)
J1328	Profiled SPM Consumption (Settlement Period 18)
J1329	Profiled SPM Consumption (Settlement Period 19)
J1330	Profiled SPM Consumption (Settlement Period 20)
J1331	Profiled SPM Consumption (Settlement Period 21)
J1332	Profiled SPM Consumption (Settlement Period 22)
J1333	Profiled SPM Consumption (Settlement Period 23)
J1334	Profiled SPM Consumption (Settlement Period 24)
J1335	Profiled SPM Consumption (Settlement Period 25)
J1336	Profiled SPM Consumption (Settlement Period 26)
J1337	Profiled SPM Consumption (Settlement Period 27)
J1338	Profiled SPM Consumption (Settlement Period 28)

Flow Reference: D0314**Flow Version: 001****Status:** Operational

Reference	Item Name
J1339	Profiled SPM Consumption (Settlement Period 29)
J1340	Profiled SPM Consumption (Settlement Period 30)
J1341	Profiled SPM Consumption (Settlement Period 31)
J1342	Profiled SPM Consumption (Settlement Period 32)
J1343	Profiled SPM Consumption (Settlement Period 33)
J1344	Profiled SPM Consumption (Settlement Period 34)
J1345	Profiled SPM Consumption (Settlement Period 35)
J1346	Profiled SPM Consumption (Settlement Period 36)
J1347	Profiled SPM Consumption (Settlement Period 37)
J1348	Profiled SPM Consumption (Settlement Period 38)
J1349	Profiled SPM Consumption (Settlement Period 39)
J1350	Profiled SPM Consumption (Settlement Period 40)
J1351	Profiled SPM Consumption (Settlement Period 41)
J1352	Profiled SPM Consumption (Settlement Period 42)
J1353	Profiled SPM Consumption (Settlement Period 43)
J1354	Profiled SPM Consumption (Settlement Period 44)
J1355	Profiled SPM Consumption (Settlement Period 45)
J1356	Profiled SPM Consumption (Settlement Period 46)
J1357	Profiled SPM Consumption (Settlement Period 47)
J1358	Profiled SPM Consumption (Settlement Period 48)
J1359	Profiled SPM Consumption (Settlement Period 49)
J1360	Profiled SPM Consumption (Settlement Period 50)
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0190	SPM Default EAC MSID Count
J0153	SPM Total AA MSID Count
J1296	SPM Total All EACs
J1195	SPM Total Annualised Advance Report Value
J0150	SPM Total EAC MSID Count
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
RDT	Report Parameters	1		G								
					1							User Name
					1							Report Parameters

Flow Reference: **D0314**Flow Version: **001**

Status: Operational

										1		Profiled SPM Consumption (Settlement Period 12)
										1		Profiled SPM Consumption (Settlement Period 13)
										1		Profiled SPM Consumption (Settlement Period 14)
										1		Profiled SPM Consumption (Settlement Period 15)
										1		Profiled SPM Consumption (Settlement Period 16)
										1		Profiled SPM Consumption (Settlement Period 17)
										1		Profiled SPM Consumption (Settlement Period 18)
										1		Profiled SPM Consumption (Settlement Period 19)
										1		Profiled SPM Consumption (Settlement Period 20)
										1		Profiled SPM Consumption (Settlement Period 21)
										1		Profiled SPM Consumption (Settlement Period 22)
										1		Profiled SPM Consumption (Settlement Period 23)
										1		Profiled SPM Consumption (Settlement Period 24)
										1		Profiled SPM Consumption (Settlement Period 25)
										1		Profiled SPM Consumption (Settlement Period 26)
										1		Profiled SPM Consumption (Settlement Period 27)
										1		Profiled SPM Consumption (Settlement Period 28)
										1		Profiled SPM Consumption (Settlement Period 29)
										1		Profiled SPM Consumption (Settlement Period 30)
										1		Profiled SPM Consumption (Settlement Period 31)
										1		Profiled SPM Consumption (Settlement Period 32)
										1		Profiled SPM Consumption (Settlement Period 33)
										1		Profiled SPM Consumption (Settlement Period 34)
										1		Profiled SPM Consumption (Settlement Period 35)
										1		Profiled SPM Consumption (Settlement Period 36)
										1		Profiled SPM Consumption (Settlement Period 37)
										1		Profiled SPM Consumption (Settlement Period 38)
										1		Profiled SPM Consumption (Settlement Period 39)
										1		Profiled SPM Consumption (Settlement Period 40)

Flow Reference: **D0314**Flow Version: **001**

Status: Operational

										1			Profiled SPM Consumption (Settlement Period 41)
										1			Profiled SPM Consumption (Settlement Period 42)
										1			Profiled SPM Consumption (Settlement Period 43)
										1			Profiled SPM Consumption (Settlement Period 44)
										1			Profiled SPM Consumption (Settlement Period 45)
										1			Profiled SPM Consumption (Settlement Period 46)
										O			Profiled SPM Consumption (Settlement Period 47)
										O			Profiled SPM Consumption (Settlement Period 48)
										O			Profiled SPM Consumption (Settlement Period 49)
										O			Profiled SPM Consumption (Settlement Period 50)
TOT	Daily SPM	1								G			
										1			Daily Profiled SPM Total EAC
										1			Daily Profiled SPM Total Annualised Advance
HD2	Settlement Information 2	1								G			
										1			Settlement Date
										1			Settlement Code
										1			Settlement Code Description
										1			SSR Run Date
										1			SSR Run Number
										1			SSR Run Type Id

Notes:	<p>The references to Embedded Distributor Id in Group 84G should be populated with the Distributor identified as operating the relevant sub-network i.e. having the relationship with the Supplier for the Metering Point(s).</p> <p>In all other instances, the Distributor should be populated as that operating as the Host LDSO (as defined in the BSC Procedure BSCP128).</p>
---------------	--

Commented [JW226]: Data Item Value Rule

Commented [JW227]: Data Item Value Rule

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.1	3327	New Dataflow Created

Flow Reference: **D0315**Flow Version: **001**

Status: Operational

Flow Name:	Embedded Network Supercustomer DUoS Daily Statement		
Flow Description:	Supercustomer DUoS charges calculated from settlements data, produced at a summary level, for Distributors with embedded networks, to validate their DUoS bills, received from Distributors operating at the GSP Group level of the network..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	Distributor	10.1	

Data Items:

Reference	Item Name
J0189	Distributor Id
J1723	DUoS Mapping Code Id
J1724	Embedded Distributor Id
J0066	GSP Group Id
J0906	MSID Charge Indicator
J0071	Profile Class Id
J0792	Settlement Class MSID Charge
J0791	Settlement Class MSID Count
J0793	Settlement Class Unit Charge
J0794	Settlement Class Unit Count
J0146	Settlement Code
J0073	Settlement Date
J0196	SSR Run Number
J0076	Standard Settlement Configuration Id
J0908	Statement Number
J0910	Statement Supercustomer DUoS Charge Amount
J0904	Statement Total MSID Charge
J0785	Statement Total MSID Count
J0909	Statement Total Unit Charge
J0786	Statement Total Unit Volume
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
12G	Flow Structure Header	1		G								
					1							Statement Number
					1							GSP Group Id
					1							Distributor Id
					1							Embedded Distributor Id
					1							Settlement Date
					1							Settlement Code
					1							SSR Run Number
					1							Statement Total MSID Count
					1							Statement Total MSID Charge
					1							Statement Total Unit Volume
					1							Statement Total Unit Charge

Flow Reference: **D0315**Flow Version: **001**

Status: Operational

				1							Statement Supercustomer DUoS Charge Amount
13G	Charges by Settlement Class	1=*		G							
					1						DUoS Mapping Code Id
					1						Profile Class Id
					1						Time Pattern Regime
					1						Standard Settlement Configuration Id
					1						Settlement Class MSID Count
					1						MSID Charge Indicator
					1						Settlement Class MSID Charge
					1						Settlement Class Unit Count
					1						Settlement Class Unit Charge

Notes:	
--------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.1	3329	New Dataflow created

Flow Reference: **D0317**Flow Version: **001**

Status: Operational

Flow Name:	Create New Green Deal Plan		
Flow Description:	Request for Green Deal Plan Id to be created..		
Flow Ownership:	MRA		
From	To	Version	
GD Provider	GDCC	10.2	

Commented [JW228]: All green deal flows included in a separate document

Data Items:

Reference	Item Name
J1750	Electricity Account Number
J1751	EPC Domestic or Non-Domestic Indicator
J1752	EPC Property Reference Number
J1753	EPC Register Indicator
J1754	EPC Report Reference
J1777	GD Customer Site Reference
J1832	GD Provider Plan Creator
J1831	Green Deal Provider Registration Reference
J0003	MPAN Core
J1818	Party Instruction Number
J0757	Postcode
J1821	Subsidiary EPC Property Reference

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
86G	Initial Plan Information	1-*		G								
					1							Party Instruction Number
					1							EPC Register Indicator
					1							EPC Domestic or Non-Domestic Indicator
					1							EPC Property Reference Number
					1							EPC Report Reference
					1							Postcode
					1							Electricity Account Number
					O							GD Customer Site Reference
					1							Green Deal Provider Registration Reference
					1							GD Provider Plan Creator
87G	MPAN Core(s)	1-*		G								
						1						MPAN Core
88G	Subsidiary PRNS	0-1		G								
						1						Subsidiary EPC Property Reference

Notes:	Any information entered in Group 88G will not be stored by the GDCC as subsidiary EPC Property References are no longer required. Where the request to create a new Green Deal Plan is generated by the Green Deal Provider the GD Provider Plan Creator Code should be set to "P", where this request is generated by a GDAA Finance Party the GD Provider Plan Creator Code should be set to "A".
---------------	--

Flow Reference: D0317**Flow Version: 001****Status:** Operational

	The Green Deal Provider Registration Reference for the Green Deal Provider must be provided in all cases, including where the GD Provider is also a Green Deal Provider (as distinct from being a GDAA Finance Party).
--	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3350	Range criteria for Group 88G (Subsidiary PRNs) amended to 0-1, Changed from Test to Operational
Version 10.6	3371	Data Items 'Green Deal Provider Registration Reference' and 'GD Provider Plan Creator' added to 86G (Initial Plan Information). Notes updated.
Version 10.7	3388	Data Flow Notes amended

Flow Reference: D0318**Flow Version: 001****Status:** Operational

Flow Name:	Response from GDCC to Distributor	
Flow Description:	Response flow from the GDCC, including reason codes to indicate acceptance or reason for rejection of an update..	
Flow Ownership:	MRA	
From	To	Version
GDCC	Distributor	10.2

Data Items:

Reference	Item Name
J1811	GDCC Response Code
J1813	Green Deal MPAN Core
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
89G	Party Green Deal MPAN Data	1-*		G								
					1							Party Instruction Number
					1							Green Deal MPAN Core
90G	GDCC Response Codes	1-*		G								
						1						GDCC Response Code

Notes:	The Party Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate. All appropriate GDCC Response Codes are to be included in the flow.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3342	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0319**Flow Version: **001**

Status: Operational

Flow Name:	Request for Initial Green Deal Licensee Validation
Flow Description:	GDCC passes information to the Green Deal Licensee to allow the initial account validation checks to take place..
Flow Ownership:	MRA

From	To	Version
GDCC	GD Licensee	10.2

Data Items:

Reference	Item Name
J1750	Electricity Account Number
J1777	GD Customer Site Reference
J1792	GD Plan ID
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
91G	GDCC Green Deal Plan Data	1-*		G								
					1							GDCC Instruction Number
					1							Green Deal MPAN Core
					1							GD Plan ID
					1							Electricity Account Number
					O							GD Customer Site Reference

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0320**Flow Version: **001**

Status: Operational

Flow Name:	GD Provider Response to GDCC
Flow Description:	Response flow to the GDCC, including reason codes to indicate acceptance or reason for rejection of an update..
Flow Ownership:	MRA

From	To	Version
GD Provider	GDCC	10.2

Data Items:

Reference	Item Name
J1812	GD Party Response Code
J1792	GD Plan ID
J1809	GDCC Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
92G	GDCC Provider Green Deal Plan Data	1-*		G								
					1							GDCC Instruction Number
					1							GD Plan ID
93G	GD Party Response Codes	1-*		G								
					1							GD Party Response Code

Notes:	The GDCC Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate All relevant response codes will be included in Group 93G
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0321**Flow Version: **001**

Status: Operational

Flow Name:	GD Provider Update to Plan Information	
Flow Description:	GD Provider sends updates to the GDCC to update plan data which do not directly impact on charges..	
Flow Ownership:	MRA	
From	To	Version
GD Provider	GDCC	10.2

Data Items:

Reference	Item Name
J1026	Address Line 1
J1027	Address Line 2
J1028	Address Line 3
J1029	Address Line 4
J1030	Address Line 5
J1031	Address Line 6
J1032	Address Line 7
J1033	Address Line 8
J1034	Address Line 9
J1746	Company Registration Number
J1748	Default Bill Payer Contact Telephone Number
J1749	Default Bill Payer Name
J1750	Electricity Account Number
J1754	EPC Report Reference
J1777	GD Customer Site Reference
J1779	GD Default Bill Payer – EFD
J1792	GD Plan ID
J1801	GD Provider Update Reason Code
J1804	GD Savings - Electricity
J1805	GD Savings - Gas
J1806	GD Savings – Other Fuels
J1817	Overseas Address Indicator
J1818	Party Instruction Number
J0757	Postcode

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
94G	GD Provider Update References	1-*		G								
					1							GD Plan ID
					1							Party Instruction Number
					1							GD Provider Update Reason Code
95G	Default Bill Payer Information	0-1	Mandatory where Reason Code = I, Must not be present where Reason Code = C		G							
						1						Default Bill Payer Name
						O						Company Registration Number
						O						Address Line 1
						O						Address Line 2
						O						Address Line 3

Flow Reference: D0321**Flow Version: 001****Status: Operational**

					O					Address Line 4
					O					Address Line 5
					O					Address Line 6
					O					Address Line 7
					O					Address Line 8
					O					Address Line 9
					O					Postcode
					O					Default Bill Payer Contact Telephone Number
					1					Overseas Address Indicator
					1					GD Default Bill Payer – EFD
96G	EPC and Savings Data	0-1	Mandatory where Reason Code = I, Must not be present where Reason Code = C	G						
					1					EPC Report Reference
					O					GD Savings - Electricity
					O					GD Savings - Gas
					O					GD Savings – Other Fuels
97G	Customer Account Information	0-1	Mandatory where Reason Code = I, Must not be present where Reason Code = C	G						
					1					Electricity Account Number
					O					GD Customer Site Reference

Notes:	<p>On Initial (I) Green Deal Plan set up and subject to rules regarding the population of addresses, all items are required with the exception of data items J1804, J1805, and J1806.</p> <p>On Update (U) Groups only to be included where data is being sent for items in that Group.</p> <p>If request is to Cancel (C) plan, Groups 95G, 96G and 97G should be omitted.</p> <p>Though each address line is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent.</p>
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational
Version 10.4	3360	The optionality of the following items was changed from 0 to 1: Default Bill Payer Name, Overseas Address Indicator, GD Default Bill Payer – Effective from Date, EPC Report Reference and Electricity Account Number. “with the exception of data items J1804, J1805, and J1806” was added to the end of paragraph one in the notes. “93G” was changed to “95G” in the third paragraph of the notes.

Flow Reference: **D0322**Flow Version: **001**

Status: Operational

Flow Name:	GD Provider Update to Charging Information
Flow Description:	GD Provider sends data which impacts on the charging information for the Green Deal Plan including changes to the End Date..
Flow Ownership:	MRA

From	To	Version
GD Provider	GDCC	10.3

Data Items:

Reference	Item Name
J1775	GD Charge End Date
J1776	GD Charge Start Date
J1778	GD Daily Charge
J1791	GD Plan Actual End Date
J1792	GD Plan ID
J1801	GD Provider Update Reason Code
J1802	GD Remittance Processor EFD
J1803	GD Remittance Processor MPID
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
98G	GD Provider Update References	1-*		G								
					1							GD Plan ID
					1							Party Instruction Number
					1							GD Provider Update Reason Code
99G	GD Charge Information	0-*	Mandatory where Reason Code = I, Must not be present where Reason Code = E	G								
						1						GD Charge Start Date
						1						GD Charge End Date
						1						GD Daily Charge
00H	GD Plan End Date	0-1	Mandatory where Reason Code = I or E	G								
						1						GD Plan Actual End Date
01H	GD Remittance Processor Information	0-1	Mandatory where Reason Code = I Must not be present where Reason Code = E	G								
						1						GD Remittance Processor MPID
						1						GD Remittance Processor EFD

Notes:	On Initial (I) provision of charging information, all groups must be populated. On Ending (E) of a Green Deal Plan where MPAS has been updated with GD MPAN EFD and GD ETD, but the Bill Payer has not yet been notified of pending Green Deal Charges, Groups 99G and 01H should not be present. If the Bill Payer has been notified of the pending Green Deal charges this reason code
---------------	---

Flow Reference: D0322**Flow Version: 001****Status:** Operational

	<p>should not be used.</p> <p>On Update (U) groups 00H, 99G, and 01H are optional, where any of these groups are present, all data items within that group are mandatory.</p> <p>The GD Charge End Date cannot be greater than the existing GD Plan Actual End Date held in the GDCC database.</p> <p>Where the GD Charge End Date provided is greater than the existing GD Plan Actual End Date held on the GDCC, an amended value should be provided in Group 00H.</p>
--	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3355	Flow Structure Condition for Groups 99G, 00H and 01H amended. External Notes field under Details amended. Changed from Test to Operational

Flow Reference: D0323**Flow Version:** 001**Status:** Operational

Flow Name:	GD Provider Advice of Pending Green Deal
Flow Description:	A request that the Green Deal Licensee generates the initial notification to the Bill Payer regarding a proposed Green Deal Plan.
Flow Ownership:	MRA

From	To	Version
GD Provider	GDCC	10.2

Data Items:

Reference	Item Name
J1792	GD Plan ID
J1793	GD Plan Proposed End Date
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
02H	Pending GD Plan Information	1-*		G								
					1							GD Plan ID
					1							Party Instruction Number
					O							GD Plan Proposed End Date

Notes:	The GD Plan Proposed End Date should be populated only where this differs to that previously provided
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0324**Flow Version: **001**

Status: Operational

Flow Name:	Advise Green Deal Active at MPAN	
Flow Description:	Transaction to inform MPAS of a request to "flag" MPANs as having an active GD Plan associated with them between specific dates..	
Flow Ownership:	MRA	
From	To	Version
GDCC	MPAS	10.2

Data Items:

Reference	Item Name
J1787	GD MPAN EFD
J1788	GD MPAN ETD
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
03H	Green Deal MPAN Instruction	1-*		G								
					1							Green Deal MPAN Core
					1							GDCC Instruction Number
04H	GD MPAN Dates	1		G								
					O							GD MPAN EFD
					O							GD MPAN ETD

Notes:	<p>The GD Plan MPAN Effective From Date must always be in the future The GD Plan MPAN Effective To Date cannot be earlier than the GD Plan Effective From Date.</p> <p>Data Items in Group 04H should all be populated on the first notification to MPAS, on subsequent notifications, these should only be populated where they differ from the values held, but at least one must be present.</p>
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: D0325**Flow Version: 001****Status:** Operational

Flow Name:	Green Deal Plan Information for Green Deal Licensee	
Flow Description:	Provides new or updated information regarding a Green Deal Plan to the Green Deal Licensee, including charging information..	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Licensee	10.2

Data Items:

Reference	Item Name
J1026	Address Line 1
J1027	Address Line 2
J1028	Address Line 3
J1029	Address Line 4
J1030	Address Line 5
J1031	Address Line 6
J1032	Address Line 7
J1033	Address Line 8
J1034	Address Line 9
J1746	Company Registration Number
J1748	Default Bill Payer Contact Telephone Number
J1749	Default Bill Payer Name
J1750	Electricity Account Number
J1775	GD Charge End Date
J1776	GD Charge Start Date
J1777	GD Customer Site Reference
J1778	GD Daily Charge
J1779	GD Default Bill Payer – EFD
J1791	GD Plan Actual End Date
J1792	GD Plan ID
J1827	GD Provider EFD
J1800	GD Provider MPID
J1802	GD Remittance Processor EFD
J1803	GD Remittance Processor MPID
J1804	GD Savings - Electricity
J1805	GD Savings - Gas
J1806	GD Savings – Other Fuels
J1809	GDCC Instruction Number
J1810	GDCC Instruction Type
J1813	Green Deal MPAN Core
J1828	Green Deal Provider EFD
J1829	Green Deal Provider Name
J1831	Green Deal Provider Registration Reference
J0750	Market Participant Name
J1817	Overseas Address Indicator
J0757	Postcode

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
05H	Green Deal Plan Instruction	1-*		G								
					1							Green Deal MPAN Core

Flow Reference: **D0325**Flow Version: **001**

Status: Operational

				1						GD Plan ID
				1						GDCC Instruction Number
				1						GDCC Instruction Type
06H	Default Bill Payer Information	0-1	Mandatory if GDCC instruction type = D, must not be present for any other GDCC instruction type	G						
					O					Default Bill Payer Name
					O					Company Registration Number
					O					Address Line 1
					O					Address Line 2
					O					Address Line 3
					O					Address Line 4
					O					Address Line 5
					O					Address Line 6
					O					Address Line 7
					O					Address Line 8
					O					Address Line 9
					O					Postcode
					O					Default Bill Payer Contact Telephone Number
					O					Overseas Address Indicator
					O					GD Default Bill Payer – EFD
07H	GD Savings Data	0-1	Mandatory if GDCC instruction type = I, C, E or R, must not be present where GDCC instruction type = D, P or T	G						
					1					GD Savings - Electricity
					1					GD Savings - Gas
					1					GD Savings – Other Fuels
08H	Customer Account Information	0-1	Mandatory if GDCC instruction type = I, must not be present for any other GDCC instruction type	G						
					1					Electricity Account Number
					O					GD Customer Site Reference
09H	GD Charge Information	0-*	Mandatory if GDCC instruction type = I, C, E, T or R, must not be present where GDCC instruction type = D or P	G						
					1					GD Charge Start Date
					1					GD Charge End Date
					1					GD Daily Charge
10H	GD Remittance Processor Information	0-1	Mandatory if GDCC instruction type = I, C, E, P or R, must not be present where GDCC instruction type = D or T	G						

Flow Reference: **D0325**Flow Version: **001**

Status: Operational

					1						GD Remittance Processor MPID
					1						GD Remittance Processor EFD
59H	Green Deal Plan Actual End Date	0-1	Mandatory if GDCC instruction type = I, C, E, or R, must not be present where GDCC instruction type = D, P or T		G						
					1						GD Plan Actual End Date
66H	Green Deal Provider Information	0-1	Mandatory if GDCC instruction type = I, C, E or R, must not be present where GDCC instruction type = D, T or P		G						
					1						Green Deal Provider Registration Reference
					1						Green Deal Provider Name
					1						Green Deal Provider EFD
67H	GD Provider Information	0-1	Mandatory if GDCC instruction type = I, C, E or R, must not be present where GDCC instruction type = D,T or P		G						
					1						GD Provider MPID
					1						Market Participant Name
					1						GD Provider EFD

Notes:	<p>GDCC Instruction Type refers to the original trigger for the update i.e. (I) initial data, (U) update, (P) Remittance Processor update to previous Supplier, (R) Refresh, (C) Change of Supply event, (E) Change of Supply following an Erroneous Registration, (T) Provision of revised charging information to Erroneously Registered Supplier, or (D) Default Bill Payer only.</p> <p>Though each address line is optional, when an address is to be updated using this flow the entire address must be included in the flow, an update to an individual line within an address will require the entire address to be sent.</p> <p>Where an D0325 is received by the GD Licensee, an D0341 response should always be generated.</p>
---------------	---

Flow Reference: D0325**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3354	Condition Statement for Group 08H (Customer Account Information) amended to state "Mandatory if GDCC Instruction Type = I, must not be present for any other GDCC Instruction Type", Changed from Test to Operational
Version 10.4	3358	Condition statement for groups 07H (GD Savings Data), 09H (GD Charge Information) and 10H (GD Remittance Processor) amended to include instruction type P. "(P) Remittance Processor update to previous Supplier" added to Notes
Version 10.4	3364	New group "Green Deal Plan Actual End Date" added containing the J1791 GD Plan End Date data item
Version 10.6	3373	Groups 66H (Green Deal Provider Information) and 67H (GD Provider Information) created. Data Items 'Green Deal Provider Registration Reference', 'Green Deal Provider Name' and 'Green Deal Provider EFD' added to Group 66H. Data Items 'GD Provider MPID', 'Market Participant Name' and 'GD Provider EFD' added to Group 67H.
Version 10.6	3374	Condition statements for Groups 07H, 09H, 10H and 59H updated. Notes updated.

Flow Reference: **D0326**Flow Version: **001**

Status: Operational

Flow Name:	Green Deal Licensee Update to Bill Payer Details
Flow Description:	Provides updated Bill Payer Details for Green Deal Plans to GD Providers via the GDCC..
Flow Ownership:	MRA

From	To	Version
GD Licensee	GDCC	10.2

Data Items:

Reference	Item Name
J1742	Bill Payer Details EFD
J1743	Bill Payer Name
J1744	Bill Payer Telephone Number
J1745	Change of Account Indicator
J1746	Company Registration Number
J1674	Delete Mailing Address Data Held
J1813	Green Deal MPAN Core
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
11H	GD Bill Payer Update	1-*		G								
					1							Green Deal MPAN Core
					1							Party Instruction Number
					1							Bill Payer Details EFD
					1							Change of Account Indicator
12H	GD Bill Payer Details	0-*		G								
					1							Bill Payer Name
					O							Bill Payer Telephone Number
					O							Company Registration Number
13H	Mailing Address Information	0-1		G								
					O							Delete Mailing Address Data Held
					O							Mailing Address Line 1
					O							Mailing Address Line 2
					O							Mailing Address Line 3
					O							Mailing Address Line 4
					O							Mailing Address Line 5
					O							Mailing Address Line 6
					O							Mailing Address Line 7

Flow Reference: D0326**Flow Version: 001****Status:** Operational

					O					Mailing Address Line 8
					O					Mailing Address Line 9
					O					Mailing Address Postcode

Notes:	<p>This flow must be sent whenever there is a changed or new value for any data item contained within the GD Bill Payer Name or Mailing address Information groups and following a Change of Supplier.</p> <p>Where the flow is sent following a Change of Supplier, the value of data item J1742 should be the same as the New Suppliers Registration Effective From Date.</p> <p>The address should only be populated where there is a new or changed mailing address.</p> <p>Though each address line is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent.</p> <p>The Bill Payer Telephone Number is provided solely for use in CCA statements.</p>
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational
Version 10.4	3361	"and following a Change of Supplier" added to end of first paragraph in notes. "Where the flow is sent following a Change of Supplier, the value of data item J1742 should be the same as the New Suppliers Registration Effective From Date" inserted below first paragraph in notes.
Version 10.7	3388	Flow Description amended

Flow Reference: **D0327**Flow Version: **001**

Status: Operational

Flow Name:	Request Green Deal Plan End Date Amendment		
Flow Description:	A request from the Distribution Business to amend the end date of a Green Deal Plan where the meter point is to be (or has been) disconnected..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	GDCC	10.2	

Data Items:

Reference	Item Name
J1813	Green Deal MPAN Core
J1818	Party Instruction Number
J1819	Requested New GD Plan End Date
J1820	Requested New GD Plan End Date Reason Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
14H	GD Plan End Date Request	1-*		G								
					1							Green Deal MPAN Core
					1							Party Instruction Number
					1							Requested New GD Plan End Date
					1							Requested New GD Plan End Date Reason Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0328**Flow Version: **001**

Status: Operational

Flow Name:	Provide Remittance Details	
Flow Description:	The details of monies remitted between Green Deal Licensees and Remittance Processors..	
Flow Ownership:	MRA	
From	To	Version
GD Licensee	GDCC	10.2
GDCC	GD Remittance Processor	10.2

Data Items:

Reference	Item Name
J1774	GD Charge Net Payments Paid for Period
J1780	GD Energy Payment Frequency
J1781	GD Energy Payment Method
J1783	GD Licensee MPID
J1789	GD Payment Period End Date
J1790	GD Payment Receipt Date
J1795	GD Payment Transaction Reason Code
J1797	GD Payment Transaction Remittance Reference
J1792	GD Plan ID
J1803	GD Remittance Processor MPID
J1808	GD Total Charges Remitted

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
15H	GD Remittance Reference Data	1		G								
					1							GD Payment Transaction Remittance Reference
					1							GD Remittance Processor MPID
					1							GD Licensee MPID
16H	GD Plan ID	1-*		G								
					1							GD Plan ID
17H	GD Charges Remitted	1-*			G							
						1						GD Payment Transaction Reason Code
						1						GD Energy Payment Method
						1						GD Energy Payment Frequency
						1						GD Payment Period End Date
						1						GD Charge Net Payments Paid for Period
						1						GD Payment Receipt Date
18H	Total GD Charges Remitted	1		G								
					1							GD Total Charges Remitted

Notes:	
---------------	--

Flow Reference: D0328**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0329**Flow Version: **001**

Status: Operational

Flow Name:	Response to Green Deal Remittance Details	
Flow Description:	Acknowledgement of receipt of the provided Remittance Details flow. Also used to inform of any errors in the incoming file..	
Flow Ownership:	MRA	
From	To	Version
GD Remittance Processor	GDCC	10.2
GDCC	GD Licensee	10.2

Data Items:

Reference	Item Name
J1783	GD Licensee MPID
J1796	GD Payment Transaction Records Rejected
J1797	GD Payment Transaction Remittance Reference
J1798	GD Payment Transaction Remittance Rejection Code
J1799	GD Payment Transaction Response Code
J1792	GD Plan ID
J1803	GD Remittance Processor MPID

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
19H	Payment Transaction Remittance Reference Data	1		G								
					1							GD Payment Transaction Remittance Reference
					1							GD Remittance Processor MPID
					1							GD Licensee MPID
20H	Payment Transaction Response Codes	1		G								
					1							GD Payment Transaction Response Code
					O							GD Payment Transaction Records Rejected
21H	Remittance Lines Rejected	0-*	GD Payment Transaction Response Code value is IRE, otherwise should not be present	G								
						1						GD Plan ID
						1						GD Payment Transaction Remittance Rejection Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0331**Flow Version: **001**

Status: Operational

Flow Name:	Update Green Deal Market Data		
Flow Description:	Provides updates to standing data used in operation of the processes relating to the GDCC.		
Flow Ownership:	MRA		
From	To	Version	
GDCC	GD Licensee	10.2	
GDCC	GD Provider	10.2	
GDCC	GD Remittance Processor	10.2	

Data Items:

Reference	Item Name
J1297	Effective from Date {MPR}
J1298	Effective to Date {MPR}
J1767	GD Bank Account EFD
J1768	GD Bank Account ETD
J1769	GD Bank Account Name
J1770	GD Bank Account Number
J1771	GD Bank Account Purpose
J1772	GD Bank Account Sort Code
J1784	GD Market Data File Type
J1785	GD Market Data Publication Date
J1786	GD Market Data Version Number
J0002	Market Participant Id
J0750	Market Participant Name
J0001	Market Participant Role Code
J0753	Market Role Description
J0754	MDD Version Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
25H	GD Market Data Version Data	1		G								
					1							GD Market Data File Type
					1							GD Market Data Version Number
					1							GD Market Data Publication Date
					1							MDD Version Number
26H	GD Market Roles	0-*		G								
					1							Market Participant Role Code
					1							Market Role Description
27H	GD Market Participants	0-*		G								
					1							Market Participant Id
					1							Market Participant Name
28H	GD Market Participant Roles	0-*			G							
					1							Market Participant Role Code
					1							Effective from Date {MPR}
					O							Effective to Date {MPR}
29H	GD Bank Information	0-*				G						
						1						GD Bank Account Purpose

Flow Reference: D0331**Flow Version: 001****Status:** Operational

							1			GD Bank Account Sort Code
							1			GD Bank Account Number
							1			GD Bank Account Name
							1			GD Bank Account EFD
							O			GD Bank Account ETD

Notes:	These updates will be released at the same time schedule as the BSC MDD release.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0332**Flow Version: **001**

Status: Operational

Flow Name:	Green Deal Licensee Request for Information	
Flow Description:	Used by the Green Deal Licensee to request information from the GDCC, including Default Bill Payer details..	
Flow Ownership:	MRA	
From	To	Version
GD Licensee	GDCC	10.2

Data Items:

Reference	Item Name
J1782	GD Information Request Reason Code
J1792	GD Plan ID
J1813	Green Deal MPAN Core
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
30H	GD Information Request	1-*		G								
					1							Party Instruction Number
					1							Green Deal MPAN Core
					1							GD Plan ID
					1							GD Information Request Reason Code

Notes:	Can be used to request Default Bill Payer information or a refresh of a Green Deal Plan Data. Where the request passes validation a D0325 will be returned, in other circumstances a D0343 will be returned with appropriate response codes.
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: D0333**Flow Version: 001****Status:** Operational

Flow Name:	Change of Green Deal Provider
Flow Description:	Used to inform the GDCC where responsibility for a Green Deal Plan changes from one Green Deal Provider or GDAA Finance Party to another..
Flow Ownership:	MRA

From	To	Version
GD Provider	GDCC	10.2

Data Items:

Reference	Item Name
J1792	GD Plan ID
J1794	GD Plan Transfer Date
J1800	GD Provider MPID
J1830	GD Provider Reassignment Type
J1831	Green Deal Provider Registration Reference
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
31H	GD Transfer Details	1-*	G									
					1							Party Instruction Number
					1							GD Provider MPID
					1							GD Plan Transfer Date
					1							GD Plan ID
					1							GD Provider Reassignment Type
					1							Green Deal Provider Registration Reference

Notes:	<p>The GD Provider who takes on responsibility for the Green Deal Plan will send a D0322 to update the Remittance Processor details as required.</p> <p>Where a Green Deal Provider is issuing the data flow, they should use the GD Provider Reassignment Type of N or T.</p> <p>Where a GDAA Finance Party is issuing the data flow, they should use the GD Provider Reassignment Type of A or R.</p> <p>The Green Deal Provider Registration Reference of the Green Deal Provider who will be responsible for the Green Deal Plan following the transfer should be provided, whether the same as the existing value or a new one.</p>
---------------	--

Flow Reference: D0333**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3351	Group 32H (GD Plan Ids) removed from the Data Flow and Data Item J1792 (GD Plan ID) moved into Group 31H (GD Transfer Details), Changed from Test to Operational
Version 10.6	3371	Data Item 'GD Provider Reassignment Type' added to 31H (GD Transfer Details). Notes updated.
Version 10.6	3376	Data Item 'Green Deal Provider Registration Reference' added to Group 31H (GD Transfer Details). Notes updated.
Version 10.7	3388	Flow Description and Flow Notes amended

Flow Reference: **D0334**Flow Version: **001**

Status: Operational

Flow Name:	Request for New Green Deal MPAN Core	
Flow Description:	Request to the Green Deal Licensee to provide an alternative Green Deal MPAN Core in the event of service alterations or for the correction of errors..	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Licensee	10.2

Data Items:

Reference	Item Name
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core
J1815	New GD MPAN Core EFD
J1816	New GD MPAN Core Reason Request Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
33H	New Green Deal MPAN Request Information	1-*		G								
					1							GDCC Instruction Number
					1							Green Deal MPAN Core
					1							New GD MPAN Core Reason Request Code
					1							New GD MPAN Core EFD

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0335**Flow Version: **001**

Status: Operational

Flow Name:	New Green Deal Plan MPAN Core
Flow Description:	The Green Deal Licensee will use this transaction to provide an alternative Green Deal MPAN Core to facilitate ongoing charging against Green Deal Plan(s)..
Flow Ownership:	MRA

From	To	Version
GD Licensee	GDCC	10.2

Data Items:

Reference	Item Name
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core
J1814	New GD MPAN Core
J1815	New GD MPAN Core EFD
J1816	New GD MPAN Core Reason Request Code
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
34H	New Green Deal MPAN Core Information	1-*		G								
					1							Green Deal MPAN Core
					1							New GD MPAN Core Reason Request Code
					O							Party Instruction Number
					O							GDCC Instruction Number
					1							New GD MPAN Core
					1							New GD MPAN Core EFD

Notes:	Where the Green Deal Licensee is initiating the request, the Party Instruction Number should be populated, where this is a response to an D0334 'Request for New Green Deal MPAN' data flow received the GDCC instruction number should be returned.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0336**Flow Version: **001**

Status: Operational

Flow Name:	Request to Advise Bill Payer of Pending Green Deal	
Flow Description:	Request that the Green Deal Licensee generates the initial notification to the Bill Payer regarding a pending Green Deal Plan.	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Licensee	10.2

Data Items:

Reference	Item Name
J1750	Electricity Account Number
J1777	GD Customer Site Reference
J1792	GD Plan ID
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
35H	GD Plan Notification Request	1-*		G								
					1							GDCC Instruction Number
					1							Green Deal MPAN Core
					1							GD Plan ID
					1							Electricity Account Number
					O							GD Customer Site Reference

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0337**Flow Version: **001**

Status: Operational

Flow Name:	Green Deal End Date Amendment Request to GD Provider	
Flow Description:	A request from the GDCC to amend the end date of a Green Deal Plan where the meter point is to be (or has been) disconnected..	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Provider	10.2

Data Items:

Reference	Item Name
J1792	GD Plan ID
J1809	GDCC Instruction Number
J1819	Requested New GD Plan End Date
J1820	Requested New GD Plan End Date Reason Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
36H	GD Plan End Date Request	1-*		G								
					1							GDCC Instruction Number
					1							GD Plan ID
					1							Requested New GD Plan End Date
					1							Requested New GD Plan End Date Reason Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: D0338**Flow Version: 001****Status:**

Flow Name:	Update to Bill Payer Details
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational
Version 10.4	3361	"and following a Change of Supplier" added to the end of the first paragraph in notes
Version 10.7	3388	Flow Description amended
Version 12.1	3518	V2 created - additional Data Items added to Group 37H

Flow Reference: **D0338**Flow Version: **002**

Status: Operational

Flow Name:	Update to Bill Payer Details	
Flow Description:	GDCC provides updated Bill Payer Details for Green Deal Plans to GD Providers.	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Provider	12.1

Data Items:

Reference	Item Name
J1742	Bill Payer Details EFD
J1743	Bill Payer Name
J1744	Bill Payer Telephone Number
J1745	Change of Account Indicator
J1746	Company Registration Number
J2214	Current GD Licensee EFD
J1674	Delete Mailing Address Data Held
J1783	GD Licensee MPID
J1792	GD Plan ID
J1809	GDCC Instruction Number
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode
J2213	Previous GD Licensee MPID

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
37H	Update GD Bill Payer	1-*	G		1							GD Plan ID
					1							GDCC Instruction Number
					1							Bill Payer Details EFD
					1							Change of Account Indicator
					1							GD Licensee MPID
					1							Current GD Licensee EFD
					O							Previous GD Licensee MPID
38H	GD Bill Payer Details	0-*	G		1							Bill Payer Name
					O							Bill Payer Telephone Number
					O							Company Registration Number
39H	Mailing Address Information	0-1	G		O							Delete Mailing Address Data Held
					O							Mailing Address Line 1

Flow Reference: D0338**Flow Version: 002****Status:** Operational

					O					Mailing Address Line 2
					O					Mailing Address Line 3
					O					Mailing Address Line 4
					O					Mailing Address Line 5
					O					Mailing Address Line 6
					O					Mailing Address Line 7
					O					Mailing Address Line 8
					O					Mailing Address Line 9
					O					Mailing Address Postcode

Notes:	<p>This flow must be sent whenever there is a changed or new value for any data item contained within the GD Bill Payer Name or Mailing address Information groups and following a Change of Supplier.</p> <p>The address should only be populated where there is a new or changed mailing address.</p> <p>Though each address line is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent.</p> <p>Bill Payer Telephone number is provided solely for use in CCA statements.</p>
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational
Version 10.4	3361	"and following a Change of Supplier" added to the end of the first paragraph in notes
Version 10.7	3388	Flow Description amended
Version 12.1	3518	V2 created - additional Data Items added to Group 37H

Flow Reference: D0339**Flow Version:** 001**Status:** Operational

Flow Name:	Reject Initial Plan Request	
Flow Description:	Response flow from the GDCC rejecting initial request from GD Provider to create GD Plan.	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Provider	10.2

Data Items:

Reference	Item Name
J1811	GDCC Response Code
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
40H	GD Party Instruction Number	1-*		G								
					1							Party Instruction Number
41H	GDCC Response Codes	1-*		G								
					1							GDCC Response Code

Notes:	<p>The Party Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate.</p> <p>This flow is only to be used to reject a D0317 where no Green Deal Plan Id has been created.</p>
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0340**Flow Version: **001**

Status: Operational

Flow Name:	MPAS Response to GDCC	
Flow Description:	Response flow to the GDCC, including reason codes to indicate acceptance or reason for rejection of an update..	
Flow Ownership:	MRA	
From	To	Version
MPAS	GDCC	10.2

Data Items:

Reference	Item Name
J1812	GD Party Response Code
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
42H	GDCC MPAN Green Deal Plan Data	1-*		G								
					1							GDCC Instruction Number
					1							Green Deal MPAN Core
43H	GD Party Response Codes	1-*		G								
					1							GD Party Response Code

Notes:	The GDCC Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate. All relevant response codes will be included in Group 43H.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0341**Flow Version: **001**

Status: Operational

Flow Name:	GD Licensee Response to GDCC		
Flow Description:	Response flow to the GDCC, including reason codes to indicate acceptance or reason for rejection of an update..		
Flow Ownership:	MRA		
From	To	Version	
GD Licensee	GDCC	10.2	

Data Items:

Reference	Item Name
J1812	GD Party Response Code
J1809	GDCC Instruction Number
J1813	Green Deal MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
42H	GDCC MPAN Green Deal Plan Data	1-*		G								
					1							GDCC Instruction Number
					1							Green Deal MPAN Core
43H	GD Party Response Codes	1-*		G								
					1							GD Party Response Code

Notes:	The GDCC Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate All relevant response codes will be included in Group 43H.
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3340	Changed from Test to Operational

Flow Reference: **D0342**Flow Version: **001**

Status: Operational

Flow Name:	Notice of Collection Cessation		
Flow Description:	The details and reason for cessation of attempts to collect Green Deal monies by the GD Licensee on behalf of the GD Provider..		
Flow Ownership:	MRA		
From	To	Version	
GD Licensee	GDCC	10.2	
GDCC	GD Remittance Processor	10.2	

Data Items:

Reference	Item Name
J1744	Bill Payer Telephone Number
J1773	GD Cease Collection Reason Code
J1783	GD Licensee MPID
J1789	GD Payment Period End Date
J1792	GD Plan ID
J1803	GD Remittance Processor MPID
J1807	GD Total Charges Not Collected
J1046	Mailing Address Line 1
J1047	Mailing Address Line 2
J1048	Mailing Address Line 3
J1049	Mailing Address Line 4
J1050	Mailing Address Line 5
J1051	Mailing Address Line 6
J1052	Mailing Address Line 7
J1053	Mailing Address Line 8
J1054	Mailing Address Line 9
J0566	Mailing Address Postcode

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
46H	GD Remittance Party Information	1		G								
					1							GD Remittance Processor MPID
					1							GD Licensee MPID
47H	GD Cessation Information	1-*		G								
						1						GD Plan ID
						1						GD Payment Period End Date
						1						GD Total Charges Not Collected
						1						GD Cease Collection Reason Code
48H	Last Mailing Address Information	1				G						
							O					Bill Payer Telephone Number
							O					Mailing Address Line 1
							O					Mailing Address Line 2
							O					Mailing Address Line 3
							O					Mailing Address Line 4
							O					Mailing Address Line 5

Flow Reference: D0342**Flow Version: 001****Status:** Operational

						O				Mailing Address Line 6
						O				Mailing Address Line 7
						O				Mailing Address Line 8
						O				Mailing Address Line 9
						O				Mailing Address Postcode

Notes:	Though each address line is optional, when an address is to be updated using this flow, the entire address must be included in the flow.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3338	New Data Flow Created
Version 10.3	3343	Changed from Test to Operational
Version 10.6	3365	48H range changed to 1 and group moved to be nested within 47H, Flow notes added

Flow Reference: D0343**Flow Version:** 001**Status:** Operational

Flow Name:	Response from GDCC to GD Licensee	
Flow Description:	Response flow from the GDCC, including reason codes to indicate acceptance or reason for rejection of an update..	
Flow Ownership:	MRA	
From	To	Version
GDCC	GD Licensee	10.2

Data Items:

Reference	Item Name
J1811	GDCC Response Code
J1813	Green Deal MPAN Core
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
89G	Party Green Deal MPAN Data	1-*		G								
					1							Party Instruction Number
					1							Green Deal MPAN Core
90G	GDCC Response Codes	1-*		G								
						1						GDCC Response Code

Notes:	The Party Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate. All appropriate GDCC Response Codes are to be included in the flow.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3341	Data Flow created
Version 10.3	3343	Changed from Test to Operational

Flow Reference: **D0344**Flow Version: **001**

Status: Operational

Flow Name:	Response from GDCC to GD Provider
Flow Description:	Response flow from the GDCC, including reason codes to indicate acceptance or reason for rejection of an update..
Flow Ownership:	MRA

From	To	Version
GDCC	GD Provider	10.2

Data Items:

Reference	Item Name
J1792	GD Plan ID
J1811	GDCC Response Code
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
52H	Party Green Deal Plan Data	1-*		G								
					1							Party Instruction Number
					1							GD Plan ID
90G	GDCC Response Codes	1-*		G								
						1						GDCC Response Code

Notes:	The Party Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate. All appropriate GDCC Response Codes are to be included in the flow.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.2	3341	Data Flow Created
Version 10.3	3343	Changed from Test to Operational

Flow Reference: **D0345**Flow Version: **001**

Status: Operational

Flow Name:	Green Deal Licensee Notification of Erroneous Registration	
Flow Description:	Used by the erroneously registered Green Deal Licensee to notify the GDCC that an Erroneous Registration has been confirmed for a Green Deal MPAN Core.	
Flow Ownership:	MRA	
From	To	Version
GD Licensee	GDCC	10.6

Data Items:

Reference	Item Name
J0049	Effective from Settlement Date {REGI}
J1813	Green Deal MPAN Core
J1818	Party Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
62H	GD Erroneous Registration Details	1-*		G								
					1							Party Instruction Number
					1							Green Deal MPAN Core
					1							Effective from Settlement Date {REGI}

Notes:	The Effective from Settlement Date {REGI} should be populated with the value associated with the start of the Erroneous Registration period.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.6	3370	Data Flow created
Version 10.6	3383	Group 62H description changed to 'GD Erroneous Registration Details'

Flow Reference: **D0346**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Erroneous Registration Status		
Flow Description:	GDCC notifies the GD Provider and Remittance Processor of the status of an Erroneous Registration related to the Green Deal MPAN Core with which the Green Deal Plan is associated.		
Flow Ownership:	MRA		
From	To	Version	
GDCC	GD Provider	10.6	
GDCC	GD Remittance Processor	10.6	

Data Items:

Reference	Item Name
J0049	Effective from Settlement Date {REGI}
J0117	Effective to Settlement Date {REGI}
J1826	Erroneous Registration Status
J1791	GD Plan Actual End Date
J1792	GD Plan ID
J1809	GDCC Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
63H	GD Erroneous Registration Status	1-*		G								
					1							GDCC Instruction Number
					1							GD Plan ID
					1							Erroneous Registration Status
					1							Effective from Settlement Date {REGI}
					O							Effective to Settlement Date {REGI}
					O							GD Plan Actual End Date

Notes:	The Effective to Settlement Date {REGI} is only be populated when the Erroneous Registration Status is set to a status of 'R' (Resolved). The GD Plan actual end Date is only be populated when the Erroneous Registration Status is set to a status of 'E' (Green Deal Plan ended during period of Erroneous Registration).
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.6	3370	Data Flow created
Version 10.6	3383	Group 63H description changed to 'GD Erroneous Registration Status'
Version 10.7	3388	Item Description amended

Flow Reference: **D0347**Flow Version: **001**

Status: Operational

Flow Name:	GD Remittance Processor Response to GDCC
Flow Description:	Response flow to the GDCC, including reason codes to indicate acceptance or reason for rejection of an update.
Flow Ownership:	MRA

From	To	Version
GD Remittance Processor	GDCC	10.6

Data Items:

Reference	Item Name
J1812	GD Party Response Code
J1792	GD Plan ID
J1809	GDCC Instruction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
64H	GDCC RP Green Deal Plan Data	1-*		G								
					1							GDCC Instruction Number
					1							GD Plan ID
65H	GD Party Response Codes	1-*		G								
					1							GD Party Response Code

Notes:	The GDCC Instruction Number is the value received on the inbound flow to which the GDCC Response Codes relate. All relevant response codes will be included in Group 65H.
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.6	3370	Data Flow created

Flow Reference: **D0348**Flow Version: **001**

Status: Operational

Flow Name:	Advice from MPAS of Changed Metering Point Details relevant to DCC	
Flow Description:	Provide DCC with notification of changes to MPAN details which are relevant to DCC operations.	
Flow Ownership:	MRA	
From	To	Version
MPAS	DCC	10.7

Data Items:

Reference	Item Name
J1841	Effective from Date {EDI}
J0210	Effective from Date {MOA}
J1863	Effective from Date {MPAN Status}
J1864	Effective from Date {Obj Det}
J0308	Effective from Settlement Date {MSPC}
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0178	Meter Operator Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J1862	MPAN Status
J1842	MPAS Energy Direction Indicator
J1843	Objection Details
J0071	Profile Class Id
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
69H	File Sequence Number	1		G								
					1							File Sequence Number
70H	Metering Point Change Details for DCC	0-*			G							
						1						Instruction Number
						1						Instruction Type
						1						MPAN Core
						O						Supplier Id
						O						Effective from Settlement Date {REGI} for New Supplier

Flow Reference: **D0348**Flow Version: **001**

Status: Operational

					O					Metering Point Address Line 1
					O					Metering Point Address Line 2
					O					Metering Point Address Line 3
					O					Metering Point Address Line 4
					O					Metering Point Address Line 5
					O					Metering Point Address Line 6
					O					Metering Point Address Line 7
					O					Metering Point Address Line 8
					O					Metering Point Address Line 9
					O					Metering Point Postcode
					O					Metering Point Unique Property Reference Number (UPRN)
					O					Meter Operator Id
					O					Effective from Date {MOA}
					O					Profile Class Id
					O					Effective from Settlement Date {MSPC}
					O					MPAN Status
					O					Effective from Date {MPAN Status}
71H	EDI Details for DCC	0-*			G					
					O					MPAS Energy Direction Indicator
					O					Effective from Date {EDI}
72H	Objection details for DCC	0-*			G					
					O					Objection Details
					O					Effective from Date {Obj Det}

Notes:	<p>Each optional data item becomes mandatory if there has been a change to that individual item.</p> <p>Information regarding the Energy Direction Indicator will be systematically populated using data already held in MPAS Registration Systems for use in this data flow (and/or the initial extract).</p> <p>The Objection Details will be systematically populated only in cases where MPAS has accepted an Objection and when that Objection is subsequently withdrawn or upheld.</p>
---------------	--

Commented [JW229]: Process Obligation

Commented [JW230]: Guidance / Obsolete

Commented [JW231]: Guidance / Obsolete

Flow Reference: D0348**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.7	3362	Data Flow 'Advice from MPAS of Changed Metering Point Details relevant to DCC' created to support the extended 'Smart' MPAD.
Version 11	3408	J0473 Data Item removed and new Data Items "Effective from Date {Obj Det}", "Effective from Date {MPAN Status}", "MPAN Status" added
Version 11.8	3498	Group 70H made optional

Flow Reference: **D0349**Flow Version: **001**

Status: Operational

Flow Name:	DCC Selective Refresh		
Flow Description:	The set of data sent to DCC following a request for refresh of the details held within MPAS..		
Flow Ownership:	MRA		
From	To	Version	
MPAS	DCC	10.7	

Data Items:

Reference	Item Name
J1841	Effective from Date {EDI}
J0210	Effective from Date {MOA}
J1863	Effective from Date {MPAN Status}
J1864	Effective from Date {Obj Det}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J0117	Effective to Settlement Date {REGI}
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0178	Meter Operator Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J1862	MPAN Status
J1842	MPAS Energy Direction Indicator
J1843	Objection Details
J0071	Profile Class Id
J0031	Registration Transaction Number
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
73H	File Sequence Number	1		G								
					1							File Sequence Number
74H	Instruction Details	1-*		G								
					1							Instruction Number
					1							Instruction Type
75H	MPAS Details	1-*		G								
						1						MPAN Core
						O						Metering Point Address Line 1

Flow Reference: **D0349**Flow Version: **001**

Status: Operational

						O				Metering Point Address Line 2
						O				Metering Point Address Line 3
						O				Metering Point Address Line 4
						O				Metering Point Address Line 5
						O				Metering Point Address Line 6
						O				Metering Point Address Line 7
						O				Metering Point Address Line 8
						O				Metering Point Address Line 9
						O				Metering Point Postcode
						O				Metering Point Unique Property Reference Number (UPRN)
76H	Supplier Details	0-*				G				
						O				Registration Transaction Number
						O				Supplier Id
						O				Effective from Settlement Date {REGI}
						O				Effective to Settlement Date {REGI}
77H	Meter Operator Details	0-*				G				
						O				Registration Transaction Number
						O				Meter Operator Id
						O				Effective from Date {MOA}
78H	Profile Class Detail	0-*				G				
						O				Registration Transaction Number
						O				Profile Class Id
						O				Effective from Settlement Date {MSPC}
79H	EDI Details for DCC	0-*				G				
						O				MPAS Energy Direction Indicator
						O				Effective from Date {EDI}
80H	Notification of Objection update DCC	0-*				G				
						O				Registration Transaction Number
						O				Objection Details
						O				Effective from Date {Obj Det}
05I	Notification of MPAN status	0-*				G				
						O				MPAN Status
						O				Effective from Date {MPAN Status}

Notes: Each optional data item becomes mandatory if a value exists in MPAS.

Commented [JW232]: Process Obligation

Flow Reference: D0349**Flow Version: 001****Status:** Operational

	This flow should not be used for a Full Refresh.	
--	--	--

Commented [JW233]: Process Obligation**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.7	3362	Data Flow 'DCC Selective Refresh' created to support extended 'Smart' MPAD.
Version 11	3408	Three new Data Items added and a new "Notification of MPAN Status" group created
Version 11	3418	Updated to include the J0031 Data Item

Flow Reference: **D0350**Flow Version: **001**

Status: Operational

Flow Name:	Notification of DCC Services at Metering Point
Flow Description:	DCC notifies MPAS that it is providing communications services to a metering point and provides any data updates required for MPAS..
Flow Ownership:	MRA

From	To	Version
DCC	MPAS	10.7

Data Items:

Reference	Item Name
J1833	DCC Service Flag
J1834	Effective from Date {DCCF}
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
81H	File Sequence Number	1		G								
					1							File Sequence Number
82H	DCC data for MPAS	0..*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							DCC Service Flag
					1							Effective from Date {DCCF}
					1							Supplier Id

Notes:	The notifying Supplier ID will inform MPAS which supplier requested the DCC flag update.
--------	--

Commented [JW234]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.7	3362	New Data Flow 'Notification of DCC Services at Metering Point' created to support extended 'Smart' MPAD.
Version 11	3408	Data Item J0084 "Supplier ID" added to group 82H
Version 11.8	3498	Group 82H made optional

Flow Reference: **D0351**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Update to DCC Service Flag	
Flow Description:	Used to reject invalid changes to the DCC Service Flag..	
Flow Ownership:	MRA	
From	To	Version
MPAS	DCC	10.7

Data Items:

Reference	Item Name
J1833	DCC Service Flag
J0821	Deemed Received Date
J1834	Effective from Date {DCCF}
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0107	Rejection Reason Code
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
83H	File Sequence Number	1		G								File Sequence Number
84H	Rejection Details	1-*			G							Instruction Number
						1						Instruction Type
						1						Incoming Instruction Number
						1						MPAN Core
						O						Deemed Received Date
						1						DCC Service Flag
						O						Effective from Date {DCCF}
						O						Supplier Id
85H	Rejection Reason(s)	1-*			G							Rejection Reason Code
						1						

Notes:	Each optional data item in the above flow is intended to contain data whenever possible – i.e. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file.
---------------	--

Commented [JW235]: Guidance

Commented [JW236]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 10.7	3362	New Data Flow 'Rejection of Update to DCC Service Flag' created to support extended 'Smart' MPAD.
Version 11	3408	Data Item J0084 "Supplier ID" added to group 84H as an optional item

Flow Reference: **D0352**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Physical Disconnections	
Flow Description:	The Distribution Business notifies a Supplier of one or more metering points which require Physical Disconnection and for which the Supplier is Registered..	
Flow Ownership:	MRA	
From	To	Version
Distributor	Supplier	11.0

Data Items:

Reference	Item Name
J0012	Additional Information
J0489	Contact Name
J0490	Contact Telephone Number
J1847	Disconnection Type Indicator
J1846	Distribution Business Unique Reference
J1849	Earliest Planned Disconnection Date
J1848	Evidence of Site Ownership
J0004	Meter Id (Serial Number)
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J1850	Requestor Address Line 1
J1851	Requestor Address Line 2
J1852	Requestor Address Line 3
J1853	Requestor Address Line 4
J1854	Requestor Address Line 5
J1855	Requestor Address Line 6
J1856	Requestor Address Line 7
J1857	Requestor Address Line 8
J1858	Requestor Address Line 9
J1859	Requestor Address Postcode
J1860	Requestor Contact Name
J1861	Requestor Telephone Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
01I	Programme Details	1		G								
					1							Distribution Business Unique Reference
					1							Requestor Contact Name
					1							Requestor Telephone Number
					O							Requestor Address Line 1
					O							Requestor Address Line 2

Flow Reference: **D0352**Flow Version: **001**

Status: Operational

				O						Requestor Address Line 3
				O						Requestor Address Line 4
				O						Requestor Address Line 5
				O						Requestor Address Line 6
				O						Requestor Address Line 7
				O						Requestor Address Line 8
				O						Requestor Address Line 9
				O						Requestor Address Postcode
				O						Additional Information
				1						Evidence of Site Ownership
02I	Primary Site Contact Details	1		G						
					1					Contact Name
					O					Contact Telephone Number
					O					Additional Information
03I	Secondary Site Contact Details	0-*		G						
					1					Contact Name
					O					Contact Telephone Number
					O					Additional Information
04I	MPAN Details	1-*		G						
					1					MPAN Core
					1					Disconnection Type Indicator
					O					Meter Id (Serial Number)
					1					Earliest Planned Disconnection Date
					O					Metering Point Address Line 1
					O					Metering Point Address Line 2
					O					Metering Point Address Line 3
					O					Metering Point Address Line 4
					O					Metering Point Address Line 5
					O					Metering Point Address Line 6
					O					Metering Point Address Line 7
					O					Metering Point Address Line 8
					O					Metering Point Address Line 9
					O					Metering Point Postcode

Notes:

Though all of the address data items included in this flow is defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Commented [JW237]: General Address Rule

Flow Reference: D0352**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11	3382	New Data Flow created.
Version 11.3	3449	Changed Data Item J1846 to Mandatory

Flow Reference: **D0353**Flow Version: **001**

Status: Operational

Flow Name:	DCC Full Refresh		
Flow Description:	The set of data sent to DCC following a request for a full refresh of the details held within MPAS.		
Flow Ownership:	MRA		
From	To		Version
MPAS	DCC		11.0

Data Items:

Reference	Item Name
J1841	Effective from Date {EDI}
J0210	Effective from Date {MOA}
J1863	Effective from Date {MPAN Status}
J1864	Effective from Date {Obj Det}
J0308	Effective from Settlement Date {MSPC}
J0049	Effective from Settlement Date {REGI}
J1866	Effective To Date {EDI}
J0360	Effective to Date {MOA}
J1867	Effective To Date {MPAN Status}
J1868	Effective to Settlement Date {MSPC}
J0117	Effective to Settlement Date {REGI}
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0178	Meter Operator Id
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J1840	Metering Point Unique Property Reference Number (UPRN)
J0003	MPAN Core
J1862	MPAN Status
J1842	MPAS Energy Direction Indicator
J1843	Objection Details
J0071	Profile Class Id
J0031	Registration Transaction Number
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
81H	File Sequence Number	1		G								
					1							File Sequence Number
06I	Instruction Details	1-*		G								
					1							Instruction Number
					1							Instruction Type

Status: Operational

Flow Reference: **D0353**Flow Version: **001**

Status: Operational

						1				MPAN Core
						1				Registration Transaction Number
						1				Profile Class Id
						1				Effective from Settlement Date {MSPC}
						O				Effective to Settlement Date {MSPC}

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11	3418	Data Flow created

Flow Reference: **D0354**Flow Version: **001**

Status: Operational

Flow Name:	Metering System Reporting Notification		
Flow Description:	Supplier notification to HHDA of Metering Systems to be reported to the Supplier in relation to EMR or SVAA notification to HHDA of Metering Systems to be reported to SVAA. To be used for both initial notification and for updates..		
Flow Ownership:	BSC		
From	To	Version	
Supplier	HHDA	11.2	
SVAA	HHDA	12.4	

Data Items:

Reference	Item Name
J0048	Contract Reference
J1869	Effective from Settlement Date {MSCM}
J1870	Effective to Settlement Date {MSCM}
J0330	File Sequence Number
J0109	Instruction Number
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
13I	File Sequence Number	1		G								
					1							File Sequence Number
14I	Metering System Reporting Notifications	1-*		G								
						1						Instruction Number
						1						MPAN Core
						1						Effective from Settlement Date {MSCM}
						O						Effective to Settlement Date {MSCM}
						O						Contract Reference

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3431	Data Flow Created.
Version 11.3	3456	Revision to Flow Name, Description and Group 14I Description.
Version 12.4	3541	Flow name, and 14I Group Description changed to replace "EMR" by "Metering System". Flow Description amended to say that either the Supplier or the SVAA may send the Data Flow.

Flow Reference: **D0355**Flow Version: **001**

Status: Operational

Flow Name:	Metering System Reporting Confirmation
Flow Description:	Used to notify a Supplier or the SVAA that their Metering System Reporting Notification has been accepted, including verification of the notification..
Flow Ownership:	BSC

From	To	Version
HHDA	CFD Settlement Services Provider	12.3
HHDA	CM Settlement Services Provider	12.3
HHDA	Supplier	11.2
HHDA	SVAA	12.4

Data Items:

Reference	Item Name
J1869	Effective from Settlement Date {MSCM}
J1870	Effective to Settlement Date {MSCM}
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
15I	File Sequence Number	1		G								
					O							File Sequence Number
16I	Confirmed Metering System Reporting Notifications	1-*			G							
						1						Incoming Instruction Number
						1						MPAN Core
						1						Effective from Settlement Date {MSCM}
						O						Effective to Settlement Date {MSCM}

Notes:	Sent in response to a D0354 (Metering System Reporting Notification). When the SVAA has sent a D0354, the HHDA must only respond to the SVAA. Where the sender of the D0354 is a Supplier, the HHDA should only respond to the relevant Supplier and additionally copy the D0355 to the CFD Settlement Services Provider and CM Settlement Services Provider
---------------	--

Commented [JW238]: Process Obligation

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3431	Data Flow Created.
Version 11.3	3456	Revision to Flow Name, Description and Group 16I Description.
Version 12.3	3526	Additional instance options added.
Version 12.4	3541	Flow name, and 16I Group Description changed to replace "EMR" by "Metering System. Flow Description amended to say that either the Supplier or the SVAA may be a recipient of the Data Flow. Notes changed to clarify how the Data Flow should be sent in response to a D0354.

Flow Reference: **D0356**Flow Version: **001**

Status: Operational

Flow Name:	Metering System Reporting Rejection		
Flow Description:	Notification to the Supplier or the SVAA that the Metering System Reporting Notification has been rejected, giving the reason for rejection.		
Flow Ownership:	BSC		
From	To	Version	
HHDA	Supplier	11.2	
HHDA	SVAA	12.4	

Data Items:

Reference	Item Name
J1869	Effective from Settlement Date {MSCM}
J1870	Effective to Settlement Date {MSCM}
J0330	File Sequence Number
J1017	Incoming Instruction Number
J1871	Metering System Reporting Notification Rejection Reason Code
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
17I	File Sequence Number	1		G								
					1							File Sequence Number
18I	Rejected Metering System Reporting Notifications	1-*		G								
					1							Incoming Instruction Number
					O							MPAN Core
					O							Effective from Settlement Date {MSCM}
					O							Effective to Settlement Date {MSCM}
					1							Metering System Reporting Notification Rejection Reason Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3431	Data Flow Created.
Version 11.3	3456	Revision to Flow Name, Description and Group 18I Description.
Version 12.4	3541	Flow name, J1871 Item Name and 18I Group Description changed to replace "EMR" by "Metering System. Flow Description amended to say that either the Supplier or the SVAA may be a recipient of the Data Flow. Notes changed to clarify that the Data Flow should be sent in response to a D0354 and that the Data Flow should only be sent to the sender of the D0354.

Flow Reference: **D0357**Flow Version: **001**

Status: Operational

Flow Name:	Half Hourly Metered Data for EMR	
Flow Description:	Half Hourly metered data for use by the CM Settlement Services Provider in calculating CM data, and/ or by the CFD Settlement Services provider in calculating CFD data..	
Flow Ownership:	BSC	
From	To	Version
HHDA	CFD Settlement Services Provider	11.3
HHDA	CM Settlement Services Provider	11.2
HHDA	Supplier	11.2

Data Items:

Reference	Item Name
J0020	Actual/Estimated Indicator
J1104	GSP Group
J0103	Measurement Quantity Id
J0003	MPAN Core
J1873	Period EMR Line Loss
J1872	Period Metering System Metered Data
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
19I	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
20I	Supplier	1-*	If Report is for CM and / or CFD Settlement Services Provider	G								
					1							Supplier Id
21I	EMR MPAN Cores	1-*		G								
						1						MPAN Core
						1						Measurement Quantity Id
						1						Actual/Estimated Indicator
22I	Settlement Period EMR Metered Data	46,48,50				G						
							1					Settlement Period Id
							1					Period Metering System Metered Data
							1					Period EMR Line Loss
23I	Supplier	1	If Report is for Supplier	G								
					1							Supplier Id

Commented [JW239]: Message Scenario Variant

Commented [JW240]: Message Scenario Variant

Flow Reference: **D0357**Flow Version: **001**

Status: Operational

24I	EMR MPAN Cores	1-*		G											
					1										MPAN Core
					1										Measurement Quantity Id
					1										Actual/Estimated Indicator
25I	Settlement Period EMR Metered Data	46,48,50		G											
					1										Settlement Period Id
					1										Period Metering System Metered Data
					1										Period EMR Line Loss

Notes:	When constructing this flow, the HHDA will not necessarily know which MPAN Cores are relevant to the CM Settlement Services Provider, and which to the CFD Settlement Services Provider. The HHDA should therefore send the data flow to one or the other (and rely upon arrangements put in place between the CFD and CM Settlement Services Providers to ensure that data is used for the correct purposes). In practice, this means populating the flow header with the Market Participant Id of either Settlement Service Provider (or with their shared Market Participant Id, if they have not been allocated separate Market Participant Ids in MDD).
---------------	--

Commented [JW241]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3431	Data Flow Created.
Version 11.3	3456	Revisions to include new instance of Data Flow, introduction of flow notes and references to EMR.

Flow Reference: **D0358**Flow Version: **001**

Status: Operational

Flow Name:	Withdrawal of Registration by New Supplier to Specified Metering Point	
Flow Description:	Withdrawal of Registration process has been requested by New Supplier to MPAS.	
Flow Ownership:	MRA	
From	To	Version
Supplier	MPAS	11.1

Data Items:

Reference	Item Name
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
33I	File Sequence Number	1		G								
					1							File Sequence Number
26I	List of Withdrawals	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							Effective from Settlement Date {REGI} for New Supplier
					1							Registration Transaction Number

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.1	3402	New Data Flow created.

Flow Reference: **D0359**Flow Version: **001**

Status: Operational

Flow Name:	Acceptance of Withdrawal Process Flow	
Flow Description:	Withdrawal of Registration process has been accepted from MPAS to New Supplier.	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	11.1

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
27I	File Sequence Number	1		G								
					1							File Sequence Number
28I	Withdrawal Confirmation	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							Deemed Received Date
					1							Effective from Settlement Date {REGI} for New Supplier
					1							Registration Transaction Number

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.1	3402	New Data Flow created.

Flow Reference: **D0360**Flow Version: **001**

Status: Operational

Flow Name:	Rejection of Withdrawal Process Flow	
Flow Description:	Withdrawal of Registration process has been rejected from MPAS to New Supplier.	
Flow Ownership:	MRA	
From	To	Version
MPAS	Supplier	11.1

Data Items:

Reference	Item Name
J0821	Deemed Received Date
J0924	Effective from Settlement Date {REGI} for New Supplier
J0330	File Sequence Number
J1017	Incoming Instruction Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number
J0107	Rejection Reason Code

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
29I	File Sequence Number	1		G								File Sequence Number
30I	Withdrawal Rejection	1-*		G								File Sequence Number
						1						Instruction Number
						1						Instruction Type
						1						Incoming Instruction Number
						O						MPAN Core
						1						Deemed Received Date
						O						Effective from Settlement Date {REGI} for New Supplier
						O						Registration Transaction Number
34I	Rejection Reasons	1-*		G								Rejection Reason Code
						1						Rejection Reason Code

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.1	3402	New Data Flow created.

Flow Reference: **D0361**Flow Version: **001**

Status: Operational

Flow Name:	Retention of Supply Registration Process Flow
Flow Description:	Withdrawal of Registration process has been raised by New Supplier and outcome provided to Old Supplier.
Flow Ownership:	MRA

From	To	Version
MPAS	Supplier	11.1

Data Items:

Reference	Item Name
J0925	Effective from Settlement Date {REGI} for Old Supplier
J0330	File Sequence Number
J0109	Instruction Number
J0723	Instruction Type
J0003	MPAN Core
J0031	Registration Transaction Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
31I	File Sequence Number	1		G								
					1							File Sequence Number
32I	Withdrawal Notification	1-*		G								
					1							Instruction Number
					1							Instruction Type
					1							MPAN Core
					1							Effective from Settlement Date {REGI} for Old Supplier
					1							Registration Transaction Number

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.1	3402	New Data Flow created.

Flow Reference: D0362**Flow Version: 001****Status:**

Flow Name:	CFD Supplier Invoice Backing Data
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.4	3458	Data Flow created. Flow version amended to Version 2, to supersede Version 1.
Version 11.4	3460	New Data Flow Group added to Version 002 of the Data Flow

Flow Reference: **D0362**Flow Version: **002**

Status: Operational

Flow Name:	CFD Supplier Invoice Backing Data	
Flow Description:	Calculation details for CFD payments from (or to) a Supplier..	
Flow Ownership:	MRA	
From	To	Version
CFD Settlement Services Provider	Supplier	11.4

Data Items:

Reference	Item Name
J1893	Amount in Default
J2069	Amount Recovered
J1904	CFD Daily Supplier Chargeable Demand
J1905	CFD Daily Supplier EII Excluded Demand
J2063	CFD Daily Supplier Green Excluded Demand
J1906	CFD Id
J1907	CFD Levy Net Payment
J1908	CFD Levy Payment
J1909	CFD Levy Payment Type
J1910	CFD Levy Rate
J2056	CFD Mutualisation Type
J1911	CFD Period Supplier Chargeable Demand
J1912	CFD Period Supplier EII Excluded Demand
J1913	CFD Quarterly Contribution
J1914	CFD Quarterly Contribution Reconciliation Adjustment
J1935	Daily CFD Net Payment
J1936	Daily Net Generator Payments
J1940	Defaulted Amount Details
J1941	Defaulted Amount Due Date
J1949	EMR Invoice Date
J1950	EMR Invoice Number
J1951	EMR Invoice Payment Date
J1952	EMR Invoice Total
J1889	EMR Party Id
J1954	Interest Amount
J1955	Interest Payment From Date
J1956	Interest Payment To Date
J1957	Interest Rate
J1958	Interest Rate Effective Date
J1967	Metered Volume
J2070	Mutualisation Payment Date
J1973	Obligation Period
J1983	Period Net Generator Payments
J1988	Previous Reserve Payment
J1991	Reconciled Levy Rate
J1992	Reference Period End Date
J1993	Reference Period Start Date
J1994	Reference Period Supplier Chargeable Demand
J1995	Reference Period Supplier EII Excluded Demand
J1997	Reference Period Total Chargeable Demand
J1998	Reference Period Total EII Excluded Demand
J2000	Reference Price
J0146	Settlement Code

Flow Reference: **D0362**Flow Version: **002**

Status: Operational

Reference	Item Name
J0073	Settlement Date
J0074	Settlement Period Id
J2005	Strike Price
J2006	Supplier Daily Contribution
J2007	Supplier Daily Contribution Reconciliation Adjustment
J2008	Supplier Mutualisation Amount
J2071	Supplier Mutualisation Repayment
J2010	Supplier Period Chargeable Demand
J2011	Supplier Period EII Excluded Demand
J2067	Supplier Period Green Excluded Demand
J2012	Supplier Quarterly Chargeable Demand
J2013	Supplier Quarterly EII Excluded Demand
J2065	Supplier Quarterly Green Excluded Demand
J2014	Supplier Reserve Amount
J2023	Total Daily Chargeable Demand
J2024	Total Daily Contribution
J2025	Total Daily Contribution Reconciliation Adjustment
J2026	Total Daily EII Excluded Demand
J2064	Total Daily Green Excluded Demand
J2032	Total Net Quarterly Interest
J2047	Total Net Quarterly Non-Generation Payments
J2036	Total Period Chargeable Demand
J2037	Total Period EII Excluded Demand
J2068	Total Period Green Excluded Demand
J2039	Total Quarterly Chargeable Demand
J2040	Total Quarterly EII Excluded Demand
J2066	Total Quarterly Green Excluded Demand
J2042	Total Reserve Amount

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
55I	EMR Invoice Header	1		G								
					1							EMR Party Id
					1							EMR Invoice Number
					1							EMR Invoice Date
					1							EMR Invoice Payment Date
					1							EMR Invoice Total
56I	CFD Levy Payment	0-*		G								
					1							CFD Levy Payment Type
					1							Settlement Date
					1							Settlement Code
					1							CFD Levy Rate
					1							CFD Daily Supplier Chargeable Demand
					1							CFD Daily Supplier EII Excluded Demand
					1							CFD Levy Payment
					O							CFD Levy Net Payment
57I	CFD Period Gross Demand	46, 48, 50		G								
						1						Settlement Period Id

Flow Reference: **D0362**Flow Version: **002**

Status: Operational

					1						CFD Period Supplier Chargeable Demand
					1						CFD Period Supplier EII Excluded Demand
58I	CFD Reserve Payment	0-1		G							
					1						Obligation Period
					1						Total Reserve Amount
					1						Supplier Reserve Amount
					1						Reference Period Supplier Chargeable Demand
					1						Reference Period Total Chargeable Demand
					1						Reference Period Supplier EII Excluded Demand
					1						Reference Period Total EII Excluded Demand
					1						Reference Period Start Date
					1						Reference Period End Date
59I	CFD Reserve Payment Reference Day	1-*		G							
					1						Settlement Date
					1						Settlement Code
					1						CFD Daily Supplier Chargeable Demand
					1						Total Daily Chargeable Demand
					1						CFD Daily Supplier EII Excluded Demand
					1						Total Daily EII Excluded Demand
60I	CFD Quarterly Reconciliation Payment	0-*		G							
					1						Obligation Period
					1						Total Daily Contribution
					1						Total Daily Contribution Reconciliation Adjustment
					1						CFD Quarterly Contribution
					1						Supplier Quarterly Chargeable Demand
					1						Total Quarterly Chargeable Demand
					1						Supplier Quarterly EII Excluded Demand
					1						Total Quarterly EII Excluded Demand
					1						Supplier Quarterly Green Excluded Demand
					1						Total Quarterly Green Excluded Demand
					1						Total Net Quarterly Non-Generation Payments
					1						Total Net Quarterly Interest
					1						CFD Quarterly Contribution Reconciliation Adjustment
					O						Previous Reserve Payment
61I	CFD Quarterly Reconciliation Day	0-*		G							

Flow Reference: **D0362**Flow Version: **002**

Status: Operational

					1					Settlement Date
					1					Settlement Code
					1					CFD Daily Supplier Chargeable Demand
					1					Total Daily Chargeable Demand
					1					CFD Daily Supplier EII Excluded Demand
					1					Total Daily EII Excluded Demand
					1					CFD Daily Supplier Green Excluded Demand
					1					Total Daily Green Excluded Demand
					1					Daily Net Generator Payments
					1					Reconciled Levy Rate
					1					Supplier Daily Contribution
					1					Supplier Daily Contribution Reconciliation Adjustment
62I	CFD Quarterly Reconciliation Period	46, 48, 50			G					
						1				Settlement Period Id
						1				Supplier Period Chargeable Demand
						1				Total Period Chargeable Demand
						1				Supplier Period EII Excluded Demand
						1				Total Period EII Excluded Demand
						1				Supplier Period Green Excluded Demand
						1				Total Period Green Excluded Demand
						1				Period Net Generator Payments
63I	Daily Net Generator Payment	0-*			G					
						1				CFD Id
						1				Daily CFD Net Payment
64I	Generator Reconciliation Period	46, 48, 50			G					
						1				Settlement Period Id
						1				Reference Price
						1				Strike Price
						1				Metered Volume
						1				Period Net Generator Payments
65I	CFD Mutualisation Payment	0-*			G					
						1				Amount in Default
						1				Defaulted Amount Due Date
						1				Defaulted Amount Details
						1				CFD Mutualisation Type
						1				Reference Period Supplier Chargeable Demand
						1				Reference Period Total Chargeable Demand

Flow Reference: **D0362**Flow Version: **002**

Status: Operational

				1							Reference Period Supplier EII Excluded Demand
				1							Reference Period Total EII Excluded Demand
				1							Reference Period Start Date
				1							Reference Period End Date
				1							Supplier Mutualisation Amount
66I	CFD Interest Payment	0-*		G							
				1							EMR Invoice Number
				1							EMR Invoice Date
				1							Amount in Default
				1							Interest Payment From Date
				1							Interest Payment To Date
				1							Interest Amount
67I	CFD Interest Rate	1-*		G							
					1						Interest Rate Effective Date
					1						Interest Rate
76J	CFD Mutualisation Repayment	0-*		G							
				1							Amount in Default
				1							Defaulted Amount Due Date
				1							Supplier Mutualisation Amount
				1							Mutualisation Payment Date
				1							Amount Recovered
				1							Supplier Mutualisation Repayment

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.4	3458	Data Flow created. Flow version amended to Version 2, to supersede Version 1.
Version 11.4	3460	New Data Flow Group added to Version 002 of the Data Flow

Flow Reference: **D0363**Flow Version: **001**

Status: Operational

Flow Name:	CFD Supplier Credit Cover Report	
Flow Description:	Daily report of CFD credit cover posted by a Supplier..	
Flow Ownership:	MRA	
From	To	Version
CFD Settlement Services Provider	Supplier	11.2

Data Items:

Reference	Item Name
J1889	EMR Party Id
J1959	Interim Levy Payment
J1962	LoC Amount
J2057	LoC Expiry Date
J1963	LoC Id
J1964	LoC Valid
J1968	Minimum Credit Cover
J1992	Reference Period End Date
J1993	Reference Period Start Date
J0146	Settlement Code
J0073	Settlement Date
J2048	Supplier Credit Cover Report Date
J2016	Surplus Credit Cover
J2021	Total Cash Credit Cover
J2022	Total Credit Cover
J2028	Total Letters of Credit

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
681	CFD Credit Cover	1		G								
					1							EMR Party Id
					1							Supplier Credit Cover Report Date
					1							Total Credit Cover
					1							Total Cash Credit Cover
					1							Total Letters of Credit
					1							Minimum Credit Cover
					1							Surplus Credit Cover
					1							Reference Period Start Date
					1							Reference Period End Date
691	Minimum Credit Cover Detail	0-*		G								
						1						Settlement Date
						1						Settlement Code
						1						Interim Levy Payment
701	Letter of Credit	0-*		G								
						1						LoC Id
						1						LoC Amount
						1						LoC Valid
						O						LoC Expiry Date

Notes:	
---------------	--

Flow Reference: D0363**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.

Flow Reference: D0364**Flow Version: 001****Status:**

Flow Name:	CM Supplier Invoice Backing Data
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.4	3460	New Group added to Version 002 of the Data Flow and Version 001 removed.
Version 11.8	3488	Version 002 deleted – replaced by Version 003

Flow Reference: D0364**Flow Version: 002****Status:**

Flow Name:	CM Supplier Invoice Backing Data
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.4	3460	New Group added to Version 002 of the Data Flow and Version 001 removed.
Version 11.8	3488	Version 002 deleted – replaced by Version 003

Flow Reference: **D0364**Flow Version: **003**

Status: Operational

Flow Name:	CM Supplier Invoice Backing Data	
Flow Description:	Calculation details for Capacity Market payments from (or to) a Supplier..	
Flow Ownership:	MRA	
From	To	Version
CM Settlement Services Provider	Supplier	11.8

Data Items:

Reference	Item Name
J1893	Amount in Default
J1901	Capacity Market Supplier Charge
J1923	CM Month Id
J2072	CM Settlement Costs Levy Supplier Refund Amount
J2076	CM Settlement Costs Levy Supplier Yearly Payment
J2074	CM Settlement Costs Levy Total Refund Amount
J2075	CM Settlement Costs Levy Total Yearly Payment
J2073	CM Year
J1937	Daily Supplier Net Demand for Periods of High Demand
J1938	Daily Total Net Demand for Periods of High Demand
J1941	Defaulted Amount Due Date
J1942	Delivery Year
J1949	EMR Invoice Date
J1950	EMR Invoice Number
J1951	EMR Invoice Payment Date
J1952	EMR Invoice Total
J1889	EMR Party Id
J1954	Interest Amount
J1955	Interest Payment From Date
J1956	Interest Payment To Date
J1957	Interest Rate
J1958	Interest Rate Effective Date
J1972	Net Payment
J2194	Original EMR Invoice Total
J1980	Penalty Residual Supplier Amount
J1984	Period Supplier Net Demand for Periods of High Demand
J1985	Period Total Net Demand for Periods of High Demand
J2195	Reduction to EMR Invoice Total
J1992	Reference Period End Date
J1993	Reference Period Start Date
J1996	Reference Period Supplier Net Demand for Periods of High Demand
J1999	Reference Period Total Net Demand for Periods of High Demand
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J2008	Supplier Mutualisation Amount
J2189	Supplier Mutualisation Amount Paid
J2191	Supplier Mutualisation Credit Amount
J2009	Supplier Net Demand for Periods of High Demand
J2184	Supplier Net Demand Forecast
J2015	Supplier Settlement Cost Levy Amount
J2186	Supplier Yearly Capacity Market Charge Paid
J2193	Total Amount Payable to Suppliers

Flow Reference: **D0364**Flow Version: **003**

Status: Operational

Reference	Item Name
J2192	Total Amount Received from Suppliers
J2029	Total Monthly Capacity Payments
J2188	Total Mutualisation Credit Amount
J2031	Total Net Demand for Periods of High Demand
J2061	Total Over-delivery Payments
J2035	Total Penalty Residual Supplier Amount
J2043	Total Settlement Cost
J2190	Total Supplier Mutualisation Amount Paid
J2185	Total Supplier Net Demand Forecast
J2187	Total Supplier Yearly Capacity Market Charge Paid
J2044	Total Under-delivery Payments

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
71I	EMR Invoice Header	1		G								
					1							EMR Party Id
					1							EMR Invoice Number
					1							EMR Invoice Date
					1							EMR Invoice Payment Date
					1							EMR Invoice Total
72I	CM Settlement Costs Levy	0-*		G								
					1							CM Month Id
					1							Total Settlement Cost
					1							Reference Period Supplier Net Demand for Periods of High Demand
					1							Reference Period Total Net Demand for Periods of High Demand
					1							Reference Period Start Date
					1							Reference Period End Date
					1							Supplier Settlement Cost Levy Amount
					1							Net Payment
73I	CM Net Demand Daily Detail	0-*		G								
						1						Settlement Date
						1						Settlement Code
						1						Daily Supplier Net Demand for Periods of High Demand
						1						Daily Total Net Demand for Periods of High Demand
74I	CM Net Demand Period Detail	0-*			G							
							1					Settlement Period Id
							1					Period Supplier Net Demand for Periods of High Demand
							1					Period Total Net Demand for Periods of High Demand
75I	Supplier CM Payment	0-*		G								
					1							CM Month Id
					1							Total Monthly Capacity Payments
					1							Supplier Net Demand for Periods of High Demand

Flow Reference: **D0364**Flow Version: **003**

Status: Operational

				1						Total Net Demand for Periods of High Demand
				1						Reference Period Start Date
				1						Reference Period End Date
				1						Capacity Market Supplier Charge
				1						Net Payment
76I	CM Net Demand Daily Detail	0-*		G						
				1						Settlement Date
				1						Settlement Code
				1						Daily Supplier Net Demand for Periods of High Demand
				1						Daily Total Net Demand for Periods of High Demand
77I	CM Net Demand Period Detail	0-*		G						
				1						Settlement Period Id
				1						Period Supplier Net Demand for Periods of High Demand
				1						Period Total Net Demand for Periods of High Demand
46L	CM Net Demand Forecast Detail	0-*		G						
				1						CM Month Id
				1						Supplier Net Demand Forecast
				1						Total Supplier Net Demand Forecast
78I	CM Penalty Residual Supplier Amount	0-*		G						
				1						Delivery Year
				1						Total Over-delivery Payments
				1						Total Under-delivery Payments
				1						Total Penalty Residual Supplier Amount
				1						Supplier Yearly Capacity Market Charge Paid
				1						Total Supplier Yearly Capacity Market Charge Paid
				1						Penalty Residual Supplier Amount
				1						Net Payment
81I	CM Mutualisation Payment	0-*		G						
				1						Amount in Default
				1						Defaulted Amount Due Date
				1						Reference Period Supplier Net Demand for Periods of High Demand
				1						Reference Period Total Net Demand for Periods of High Demand
				1						Reference Period Start Date
				1						Reference Period End Date
				1						Supplier Mutualisation Amount

Status: Operational

27 February 2020

Flow Reference: D0364**Flow Version: 003****Status:** Operational

				1							Total Amount Payable to Suppliers
				1							Original EMR Invoice Total
				1							Reduction to EMR Invoice Total

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.4	3460	New Group added to Version 002 of the Data Flow and Version 001 removed.
Version 11.8	3488	Version 002 deleted – replaced by Version 003

Flow Reference: D0365**Flow Version: 001****Status:**

Flow Name:	CFD Generator Invoice Backing Data
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.7	3483	Flow version 1 deleted. Flow version 2 created
Version 11.7	3483	New Data Items introduced to Data Flow to improve reporting of CFD Lump Sum Payments

Flow Reference: **D0365**Flow Version: **002**

Status: Operational

Flow Name:	CFD Generator Invoice Backing Data	
Flow Description:	Calculation details for CFD payments to (or from) a CFD Generator..	
Flow Ownership:	MRA	
From	To	Version
CFD Settlement Services Provider	CFD Generator	11.7

Data Items:

Reference	Item Name
J1891	Aggregate Difference Amount
J1893	Amount in Default
J2179	CFD Ad Hoc Payment Description
J1906	CFD Id
J1915	CHP Qualifying Multiplier
J1931	Compensatory Interest
J2182	Compensatory Interest From Date
J2183	Compensatory Interest To Date
J1932	Contract Type
J1934	Curtailment Compensation Amount
J1943	Difference
J1944	Difference Amount
J1945	DSF Station Load
J1946	DSF Station Load Proportion
J1947	DSF Unit Metered Volume
J1949	EMR Invoice Date
J1950	EMR Invoice Number
J1951	EMR Invoice Payment Date
J1952	EMR Invoice Total
J1889	EMR Party Id
J1953	Generation Tax Amount
J1954	Interest Amount
J1955	Interest Payment From Date
J1956	Interest Payment To Date
J1957	Interest Rate
J1958	Interest Rate Effective Date
J1967	Metered Volume
J1971	Net Payable Amount
J2181	Other CFD Ad Hoc Payment
J1989	Qualifying Change in Law Amount
J1990	Reconciliation Amount
J2000	Reference Price
J2001	Renewable Qualifying Multiplier
J2002	Renewable Qualifying Multiplier Type
J0146	Settlement Code
J0073	Settlement Date
J2004	Settlement Unit Id
J2005	Strike Price
J2180	Sustainability Change in Law Amount
J2018	Termination Amount
J2178	Total Ad Hoc Payment
J2019	Total Aggregate Difference
J2027	Total Interest

Flow Reference: **D0365**Flow Version: **002**

Status: Operational

Reference	Item Name
J2041	Total Reconciliation Amount
J0252	Transmission Loss Multiplier

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
86I	EMR Invoice Header	1		G								
					1							EMR Party Id
					1							EMR Invoice Number
					1							EMR Invoice Date
					1							EMR Invoice Payment Date
					1							EMR Invoice Total
87I	Contract for Difference	1-*		G								
					1							CFD Id
					1							Contract Type
					1							Total Aggregate Difference
					1							Total Reconciliation Amount
					1							Total Interest
					1							Net Payable Amount
					1							Total Ad Hoc Payment
88I	CFD Billing Period	0-*		G								
					1							Settlement Date
					1							Settlement Code
					1							Aggregate Difference Amount
					O							Reconciliation Amount
					O							Compensatory Interest
89I	CFD Settlement Unit	1-*		G								
					1							Settlement Unit Id
					1							Metered Volume
					O							DSF Unit Metered Volume
					O							DSF Station Load
					O							DSF Station Load Proportion
					1							Transmission Loss Multiplier
					1							Reference Price
					1							Strike Price
					O							Renewable Qualifying Multiplier
					O							Renewable Qualifying Multiplier Type
					O							CHP Qualifying Multiplier
					1							Difference
					1							Difference Amount
90I	CFD Default Interest	0-*		G								
					1							EMR Invoice Number
					1							EMR Invoice Date
					1							Amount in Default
					1							Interest Payment From Date
					1							Interest Payment To Date
					1							Interest Amount
91I	CFD Default Interest Rate	1-*		G								
					1							Interest Rate Effective Date

Flow Reference: **D0365**Flow Version: **002**

Status: Operational

						1					Interest Rate
92I	CFD Ad Hoc Payment	0-*		G							
					O						CFD Ad Hoc Payment Description
					O						Curtailment Compensation Amount
					O						Termination Amount
					O						Qualifying Change in Law Amount
					O						Generation Tax Amount
					O						Sustainability Change in Law Amount
					O						Other CFD Ad Hoc Payment
					O						Compensatory Interest
					O						Compensatory Interest From Date
					O						Compensatory Interest To Date

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.7	3483	Flow version 1 deleted. Flow version 2 created
Version 11.7	3483	New Data Items introduced to Data Flow to improve reporting of CFD Lump Sum Payments

Flow Reference: D0366**Flow Version: 001****Status:**

Flow Name:	CM Capacity Provider Invoice Backing Data
	This Flow has been removed from the catalogue

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.8	3489	Removal of Group 94I as unused-version 001 deleted , replaced by version 2
Version 11.8	3490	Additional groups and data items added

Flow Reference: D0366**Flow Version: 002****Status:** Operational

Flow Name:	CM Capacity Provider Invoice Backing Data	
Flow Description:	Calculation details for Capacity Market payments to (or from) a Capacity Provider..	
Flow Ownership:	MRA	
From	To	Version
CM Settlement Services Provider	Capacity Provider	11.8

Data Items:

Reference	Item Name
J1890	Adjusted Load Following Capacity Obligation
J1892	Aggregate Traded Capacity Market Volume
J1893	Amount in Default
J2054	Annual Over-delivery Payment
J1894	Applicable Balancing Services Volume
J1895	Auction Acquired Capacity Obligation
J2196	Auction Acquired Capacity Obligation Effective Date
J2197	Auction Acquired Capacity Obligation End Date
J2198	Auction Acquired Capacity Obligation Start Date
J1896	Auction Identifier
J1897	Balancing Services Sterilised Capacity
J1898	Baseline Demand
J1899	Bid Offer Acceptance Reduced Output
J1900	Capacity Cleared Price
J1902	Capacity Market Warning
J2199	Capacity Market Warning End Time
J2200	Capacity Payment Suspension End Date
J2055	Capacity Payment Suspension Flag
J2201	Capacity Payment Suspension Start Date
J1903	Capacity Price
J1916	CM Adjusted Net Output
J1917	CM Annual Penalty Cap
J1918	CM Base CPI
J1919	CM CPI
J1920	CM Maximum Settlement Period Penalty
J1923	CM Month Id
J1921	CM Monthly Penalty Cap
J1922	CM Monthly Weighting Factor
J1924	CM Net Output
J1925	CM Penalty Rate
J1926	CM Settlement Period Penalty
J1927	CMU Component Beta Value
J1928	CMU Component Id
J1929	CMU Component Metered Volume
J1930	CMU Id
J1933	Contracted Output
J1939	Declared Availability
J1948	DSR Volume
J1949	EMR Invoice Date
J1950	EMR Invoice Number
J1951	EMR Invoice Payment Date
J1952	EMR Invoice Total

Flow Reference: D0366**Flow Version: 002****Status:** Operational

Reference	Item Name
J1889	EMR Party Id
J1954	Interest Amount
J1955	Interest Payment From Date
J1956	Interest Payment To Date
J1957	Interest Rate
J1958	Interest Rate Effective Date
J1960	Involuntary Load Reduction
J1961	Load Following Capacity Obligation
J1965	Maximum Export Limit
J1966	Maximum Monthly CM Penalties
J1969	Monthly Capacity Payment
J1970	Monthly CM Penalty Charge
J2058	Net Annual Over-delivery Payment
J2059	Net Monthly CM Penalties
J2194	Original EMR Invoice Total
J1977	Over Delivery Payment
J1978	Over Delivery Rate
J1979	Over-delivery Volume
J1981	Period BM Unit Total Accepted Bid Volume
J2046	Period BM Unit Total Accepted Offer Volume
J1982	Period Expected Metered Volume
J1986	Physically Traded Capacity Obligation
J2202	Physically Traded Capacity Obligation End Date
J2203	Physically Traded Capacity Obligation Start Date
J1987	Previous Average Metered Volume
J2195	Reduction to EMR Invoice Total
J2003	Reserve for Response Amount
J0073	Settlement Date
J0074	Settlement Period Id
J2017	Suspended Capacity Obligation
J2049	System Stress Event
J2204	System Stress Event End Time
J2205	Total Amount Payable to Capacity Providers
J2192	Total Amount Received from Suppliers
J2020	Total Annual Penalties
J2030	Total Monthly CM Penalties
J2034	Total Over-delivery Volume
J2038	Total Previous CM Penalty Charges
J2045	Under-delivery Volume

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
93I	EMR Invoice Header	1	G									
					1							EMR Party Id
					1							EMR Invoice Number
					1							EMR Invoice Date
					1							EMR Invoice Payment Date
					1							EMR Invoice Total
95I	CM Capacity Payment	0-*	G									
					1							CMU Id
					1							CM Month Id

Flow Reference: **D0366**Flow Version: **002**

Status: Operational

				1						Auction Acquired Capacity Obligation
				1						Auction Acquired Capacity Obligation Start Date
				O						Auction Acquired Capacity Obligation End Date
				1						Auction Acquired Capacity Obligation Effective Date
				1						Auction Identifier
				1						CM Penalty Rate
				1						Capacity Price
				1						Capacity Cleared Price
				1						CM Base CPI
				1						CM CPI
				1						CM Monthly Weighting Factor
				1						Monthly Capacity Payment
				1						Capacity Payment Suspension Flag
58L	Suspended Capacity Obligation Details	0-*		G						
				1						Capacity Payment Suspension Start Date
				O						Capacity Payment Suspension End Date
96I	Physically Traded Capacity Obligation	0-*		G						
				1						CMU Id
				1						Physically Traded Capacity Obligation
				1						Physically Traded Capacity Obligation Start Date
				O						Physically Traded Capacity Obligation End Date
				1						Auction Identifier
				1						CM Penalty Rate
				1						Capacity Price
				1						Capacity Cleared Price
				1						CM Base CPI
				1						CM CPI
				1						CM Monthly Weighting Factor
				1						Monthly Capacity Payment
				1						Capacity Payment Suspension Flag
97I	CM Over/Under Delivery	0-*		G						
				1						CMU Id
				1						CM Month Id
				1						CM Annual Penalty Cap
				1						CM Monthly Penalty Cap
				O						Total Monthly CM Penalties
				O						Net Monthly CM Penalties
				O						Maximum Monthly CM Penalties
				O						Monthly CM Penalty Charge

Flow Reference: **D0366**Flow Version: **002**

Status: Operational

				O						Total Previous CM Penalty Charges
				O						Annual Over-delivery Payment
				O						Net Annual Over-delivery Payment
				O						Total Annual Penalties
				O						Total Over-delivery Volume
98I	CM Stress Event	0-*		G						
					1					Capacity Market Warning
					1					Capacity Market Warning End Time
					1					System Stress Event
					1					System Stress Event End Time
99I	CM Stress Event Relevant Settlement Period	0-*		G						
					1					Settlement Date
					1					Settlement Period Id
					1					Auction Acquired Capacity Obligation
					1					Physically Traded Capacity Obligation
					1					Suspended Capacity Obligation
					1					Adjusted Load Following Capacity Obligation
					1					CM Adjusted Net Output
					1					CM Net Output
					1					Aggregate Traded Capacity Market Volume
					O					Under-delivery Volume
					O					Over-delivery Volume
					O					CM Penalty Rate
					O					CM Settlement Period Penalty
					O					CM Maximum Settlement Period Penalty
					O					Over Delivery Rate
					O					Over Delivery Payment
					1					Involuntary Load Reduction
					1					Reserve for Response Amount
00J	CMU Component Period Details	0-*		G						
					1					CMU Component Id
					1					CMU Component Beta Value
					1					Load Following Capacity Obligation
					O					Bid Offer Acceptance Reduced Output
					O					Period BM Unit Total Accepted Offer Volume
					O					Period BM Unit Total Accepted Bid Volume

Flow Reference: **D0366**Flow Version: **002**

Status: Operational

								O			Applicable Balancing Services Volume
								O			Balancing Services Sterilised Capacity
								O			Maximum Export Limit
								O			Period Expected Metered Volume
								O			Declared Availability
								O			Contracted Output
								O			CMU Component Metered Volume
								O			Previous Average Metered Volume
								O			DSR Volume
								O			Baseline Demand
59L	CM Interest Payment	0-*		G							
					1						EMR Invoice Number
					1						EMR Invoice Date
					1						Amount in Default
					1						Interest Payment From Date
					1						Interest Payment To Date
					1						Interest Amount
60L	CM Interest Rate	1-*		G							
					1						Interest Rate Effective Date
					1						Interest Rate
61L	Capacity Provider Recalculation of Credit Amount	0-*		G							
					1						Total Amount Received from Suppliers
					1						Total Amount Payable to Capacity Providers
					1						Original EMR Invoice Total
					1						Reduction to EMR Invoice Total

Notes:	
---------------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3448	New Data Flow created.
Version 11.8	3489	Removal of Group 94I as unused-version 001 deleted , replaced by version 2
Version 11.8	3490	Additional groups and data items added

Flow Reference: **D0367**Flow Version: **001**

Status: Operational

Flow Name:	Smart Meter Configuration Details	
Flow Description:	Notifies how a smart meter is configured.	
Flow Ownership:	MRA	
From	To	Version
Supplier	MOP	11.2

Data Items:

Reference	Item Name
J1254	Effective from Settlement Date {MSMTD}
J1268	Effective From Settlement Date {MSNSFC}
J0300	Effective from Settlement Date {SCON}
J0103	Measurement Quantity Id
J0004	Meter Id (Serial Number)
J1712	Meter Register Description
J0010	Meter Register Id
J0475	Meter Register Multiplier
J0474	Meter Register Type
J0483	Meter Type
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J0478	Number of Register Digits
J0679	Register Mapping Coefficient
J0098	Retrieval Method
J0722	Retrieval Method Effective Date
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
01J	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {MSMTD}
					1							Retrieval Method
					1							Retrieval Method Effective Date
					1							Meter Type
02J	NHH Mapping Details	1		G								
						1						Standard Settlement Configuration Id
						1						Effective from Settlement Date {SCON}
03J	Time Pattern Regimes	1-*			G							
						1						Time Pattern Regime
04J	Meter Details	1-*					G					
								1				Meter Id (Serial Number)
05J	Meter Register	1-*						G				
									1			Meter Register Id
									O			Meter Register Description
									1			Register Mapping Coefficient

Flow Reference: **D0367**Flow Version: **001**

Status: Operational

									1		Meter Register Type
									1		Measurement Quantity Id
									1		Meter Register Multiplier
									1		Number of Register Digits
06J	Non Settlements Registers	0-1				G					
						1					Metering System Non Settlement Functionality Code
						O					Effective From Settlement Date {MSNSFC}
07J	Meter Details	1-*				G					
						1					Meter Id (Serial Number)
08J	Meter Register	1-*				G					
									1		Meter Register Id
									O		Meter Register Description
									1		Meter Register Type
									1		Measurement Quantity Id
									1		Meter Register Multiplier
									1		Number of Register Digits

Notes:	<p>The Register Mapping Coefficient is required for mapping the difference between two or more physical registers' readings to a Settlement Register.</p> <p>This flow is for all SMETS meters.</p> <p>Agnostic of SMSO (not all will be serviced via DCC).</p>
---------------	---

Commented [JW242]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3407	New Data Flow created.

Flow Reference: **D0368**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Agreed or Cancelled Appointment With Customer	
Flow Description:	The Distribution Business notifies a Supplier and Meter Operator of a new, changed or cancelled customer appointment to fix any category B network fault or defect that is preventing a Supplier installing or changing a meter..	
Flow Ownership:	MRA	
From	To	Version
SFIC	MOP	11.2
SFIC	Supplier	11.2

Data Items:

Reference	Item Name
J0012	Additional Information
J2052	Appointment Type
J2050	Customer Agreed Appointment Date
J2051	Customer Agreed Appointment Time Band
J2053	Customer Cancelled Appointment
J0292	Earliest Appointment Time
J0293	Latest Appointment Time
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
09J	MPAN Cores	1-*		G								
					1							MPAN Core
10J	Customer Agreed Appointment Details	0-1		G								
						1						Customer Agreed Appointment Date
						1						Customer Agreed Appointment Time Band
						1						Appointment Type
						1						Earliest Appointment Time
						1						Latest Appointment Time
11J	Customer Cancelled Appointment	0-1		G								
						1						Customer Cancelled Appointment
						O						Additional Information

Notes:	The use of 'R' is to be restricted to existing appointments that are re-booked after the initial D0368 has been sent, for a new date or same day and new time" in both instances.
---------------	---

Commented [JW243]: Enumeration Definition

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.2	3422	New Data Flow created.

Flow Reference: D0369**Flow Version: 001****Status:** Operational

Flow Name:	Aggregated Disconnected DUoS Report	
Flow Description:	A report of profiled DPM data by settlement class summed over Data Aggregator and Distributor. The Distributor will receive one report per Supplier. The report also includes domain data. In part one where the information is sent to the Distributor it will contain all Suppliers, whereas where the information is sent to the Supplier it will only contain data pertaining to that Supplier.	
Flow Ownership:	BSC	
From	To	Version
SVAA	Distributor	11.4
SVAA	Supplier	11.4

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J0244	BSC Trading Party Id
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J2077	Daily Profiled DPM Total Annualised Advance
J2078	Daily Profiled DPM Total EAC
J0163	Data Aggregation Type
J2079	Demand Control Event ID
J0189	Distributor Id
J0323	Distributor Name
J2080	DPM Default EAC MSID Count
J2081	DPM Total AA MSID Count
J2082	DPM Total All EACs
J2083	DPM Total Annualised Advance Report Value
J2084	DPM Total EAC MSID Count
J1578	End Date and Time
J1104	GSP Group
J0166	GSP Group Correction Factor
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1103	Profile Class
J2085	Profiled DPM Consumption (Settlement Period 01)
J2086	Profiled DPM Consumption (Settlement Period 02)
J2087	Profiled DPM Consumption (Settlement Period 03)
J2088	Profiled DPM Consumption (Settlement Period 04)
J2089	Profiled DPM Consumption (Settlement Period 05)
J2090	Profiled DPM Consumption (Settlement Period 06)
J2091	Profiled DPM Consumption (Settlement Period 07)
J2092	Profiled DPM Consumption (Settlement Period 08)
J2093	Profiled DPM Consumption (Settlement Period 09)
J2094	Profiled DPM Consumption (Settlement Period 10)
J2095	Profiled DPM Consumption (Settlement Period 11)
J2096	Profiled DPM Consumption (Settlement Period 12)

Flow Reference: D0369**Flow Version: 001****Status:** Operational

Reference	Item Name
J2097	Profiled DPM Consumption (Settlement Period 13)
J2098	Profiled DPM Consumption (Settlement Period 14)
J2099	Profiled DPM Consumption (Settlement Period 15)
J2100	Profiled DPM Consumption (Settlement Period 16)
J2101	Profiled DPM Consumption (Settlement Period 17)
J2102	Profiled DPM Consumption (Settlement Period 18)
J2103	Profiled DPM Consumption (Settlement Period 19)
J2104	Profiled DPM Consumption (Settlement Period 20)
J2105	Profiled DPM Consumption (Settlement Period 21)
J2106	Profiled DPM Consumption (Settlement Period 22)
J2107	Profiled DPM Consumption (Settlement Period 23)
J2108	Profiled DPM Consumption (Settlement Period 24)
J2109	Profiled DPM Consumption (Settlement Period 25)
J2110	Profiled DPM Consumption (Settlement Period 26)
J2111	Profiled DPM Consumption (Settlement Period 27)
J2112	Profiled DPM Consumption (Settlement Period 28)
J2113	Profiled DPM Consumption (Settlement Period 29)
J2114	Profiled DPM Consumption (Settlement Period 30)
J2115	Profiled DPM Consumption (Settlement Period 31)
J2116	Profiled DPM Consumption (Settlement Period 32)
J2117	Profiled DPM Consumption (Settlement Period 33)
J2118	Profiled DPM Consumption (Settlement Period 34)
J2119	Profiled DPM Consumption (Settlement Period 35)
J2120	Profiled DPM Consumption (Settlement Period 36)
J2121	Profiled DPM Consumption (Settlement Period 37)
J2122	Profiled DPM Consumption (Settlement Period 38)
J2123	Profiled DPM Consumption (Settlement Period 39)
J2124	Profiled DPM Consumption (Settlement Period 40)
J2125	Profiled DPM Consumption (Settlement Period 41)
J2126	Profiled DPM Consumption (Settlement Period 42)
J2127	Profiled DPM Consumption (Settlement Period 43)
J2128	Profiled DPM Consumption (Settlement Period 44)
J2129	Profiled DPM Consumption (Settlement Period 45)
J2130	Profiled DPM Consumption (Settlement Period 46)
J2131	Profiled DPM Consumption (Settlement Period 47)
J2132	Profiled DPM Consumption (Settlement Period 48)
J2133	Profiled DPM Consumption (Settlement Period 49)
J2134	Profiled DPM Consumption (Settlement Period 50)
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J1577	Start Date and Time
J0084	Supplier Id

Flow Reference: **D0369**Flow Version: **001**

Status: Operational

Reference	Item Name
J0248	Supplier Name
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
77J	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
78J	Report Details	1		G								
					1							User Name
					1							Report Parameters
79J	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
80J	Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number
					1							SSR Run Type Id
81J	Supplier Details (Supplier)	1	If Report is for Supplier	G								
					1							Supplier Id
					1							Supplier Name
					1							BSC Trading Party Id
82J	Distributor Details (Supplier)	0-*		G								
						1						Distributor Id
						1						Distributor Name
83J	GSP Group Details (Supplier)	0-*		G								
						1						GSP Group Id
						1						GSP Group Name
84J	DPM Details (Supplier)	0-*					G					
								1				Profile Class
								1				Standard Settlement Configuration Id
								1				Distributor Id
								1				Line Loss Factor Class Id
								1				Time Pattern Regime
								1				DPM Total All EACs
								1				DPM Total Annualised Advance Report Value
								1				DPM Total EAC MSID Count
								1				DPM Total AA MSID Count
								1				DPM Default EAC MSID Count

Commented [JW244]: Message Scenario Variant

Status: Operational

Flow Reference: **D0369**Flow Version: **001**

Status: Operational

										1	Profiled DPM Consumption (Settlement Period 29)
										1	Profiled DPM Consumption (Settlement Period 30)
										1	Profiled DPM Consumption (Settlement Period 31)
										1	Profiled DPM Consumption (Settlement Period 32)
										1	Profiled DPM Consumption (Settlement Period 33)
										1	Profiled DPM Consumption (Settlement Period 34)
										1	Profiled DPM Consumption (Settlement Period 35)
										1	Profiled DPM Consumption (Settlement Period 36)
										1	Profiled DPM Consumption (Settlement Period 37)
										1	Profiled DPM Consumption (Settlement Period 38)
										1	Profiled DPM Consumption (Settlement Period 39)
										1	Profiled DPM Consumption (Settlement Period 40)
										1	Profiled DPM Consumption (Settlement Period 41)
										1	Profiled DPM Consumption (Settlement Period 42)
										1	Profiled DPM Consumption (Settlement Period 43)
										1	Profiled DPM Consumption (Settlement Period 44)
										1	Profiled DPM Consumption (Settlement Period 45)
										1	Profiled DPM Consumption (Settlement Period 46)
										O	Profiled DPM Consumption (Settlement Period 47)
										O	Profiled DPM Consumption (Settlement Period 48)
										O	Profiled DPM Consumption (Settlement Period 49)
										O	Profiled DPM Consumption (Settlement Period 50)
86J	Daily Profiled DPM Totals (Supplier)	1								G	
										1	Daily Profiled DPM Total EAC
										1	Daily Profiled DPM Total Annualised Advance
87J	Supplier Details (Distributor)	0-*	If Report is for Distributor			G					
							1				Supplier Id
							1				Supplier Name
							1				BSC Trading Party Id
88J	Distributor Details (Distributor)	1				G					
							1				Distributor Id

Commented [JW245]: Message Scenario Variant

Flow Reference: **D0369**Flow Version: **001**

Status: Operational

						1				Distributor Name
89J	GSP Group Details (Distributor)	0-*				G				
							1			GSP Group Id
							1			GSP Group Name
90J	DPM Details (Distributor)	0-*				G				
								1		Profile Class
								1		Standard Settlement Configuration Id
								1		Distributor Id
								1		Line Loss Factor Class Id
								1		Time Pattern Regime
								1		DPM Total All EACs
								1		DPM Total Annualised Advance Report Value
								1		DPM Total EAC MSID Count
								1		DPM Total AA MSID Count
								1		DPM Default EAC MSID Count
84K	Profiled DPM Consumption (Distributor)	1				G				
									1	Profiled DPM Consumption (Settlement Period 01)
									1	Profiled DPM Consumption (Settlement Period 02)
									1	Profiled DPM Consumption (Settlement Period 03)
									1	Profiled DPM Consumption (Settlement Period 04)
									1	Profiled DPM Consumption (Settlement Period 05)
									1	Profiled DPM Consumption (Settlement Period 06)
									1	Profiled DPM Consumption (Settlement Period 07)
									1	Profiled DPM Consumption (Settlement Period 08)
									1	Profiled DPM Consumption (Settlement Period 09)
									1	Profiled DPM Consumption (Settlement Period 10)
									1	Profiled DPM Consumption (Settlement Period 11)
									1	Profiled DPM Consumption (Settlement Period 12)
									1	Profiled DPM Consumption (Settlement Period 13)
									1	Profiled DPM Consumption (Settlement Period 14)
									1	Profiled DPM Consumption (Settlement Period 15)
									1	Profiled DPM Consumption (Settlement Period 16)
									1	Profiled DPM Consumption (Settlement Period 17)
									1	Profiled DPM Consumption (Settlement Period 18)

Flow Reference: **D0369**Flow Version: **001**

Status: Operational

										O	Profiled DPM Consumption (Settlement Period 48)
										O	Profiled DPM Consumption (Settlement Period 49)
										O	Profiled DPM Consumption (Settlement Period 50)
85K	Daily Profiled DPM Totals (Distributor)	1								G	
										1	Daily Profiled DPM Total EAC
										1	Daily Profiled DPM Total Annualised Advance
94J	Header 2	1								G	
										1	Settlement Date
										1	Settlement Code
										1	Settlement Code Description
										1	SSR Run Date
										1	SSR Run Number
										1	SSR Run Type Id
95J	Supplier Details 2 (Supplier)	1								G	
										1	Supplier Id
										1	Supplier Name
96J	CCC Details (Supplier)	0-*								G	
										1	Consumption Component Class Id
										O	AA/EAC Indicator
										O	Actual/Estimated Indicator
										1	Data Aggregation Type
										1	Metered/Unmetered Indicator
										1	Consumption Component Indicator
										1	Measurement Quantity Id
										1	GSP Group Correction Scaling Factor
97J	GSPGCF (Supplier)	0-*								G	
										1	GSP Group Id
										1	GSP Group Name
										1	Settlement Period Id
										1	Settlement Period Label
										1	GSP Group Correction Factor
98J	Supplier Details 2 (Distributor)	0-*								G	
										1	Supplier Id
										1	Supplier Name
										1	BSC Trading Party Id
99J	CCC Details (Distributor)	0-*								G	
										1	Consumption Component Class Id
										O	AA/EAC Indicator
										O	Actual/Estimated Indicator
										1	Data Aggregation Type
										1	Metered/Unmetered Indicator

Commented [JW246]: Message Scenario Variant

Commented [JW247]: Message Scenario Variant

Flow Reference: **D0369**Flow Version: **001**

Status: Operational

						1				Consumption Component Indicator
						1				Measurement Quantity Id
						1				GSP Group Correction Scaling Factor
00K	GSPGCF (Distributor)	0-*			G					
						1				GSP Group Id
						1				GSP Group Name
						1				Settlement Period Id
						1				Settlement Period Label
						1				GSP Group Correction Factor

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3465	Data Flow added to Data Transfer Catalogue.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0370**Flow Version: **001**

Status: Operational

Flow Name:	Supplier Half Hourly Demand Disconnection Report		
Flow Description:	Report for each Supplier containing details of all the half hourly demand disconnection for a Supplier by Consumption Component Class. This will include the profiled and actual demand disconnection..		
Flow Ownership:	BSC		
From	To	Version	
SVAA	Supplier	11.4	

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J2135	Aggregated Supplier Demand Disconnection Line Loss Report Value
J2136	Aggregated Supplier Demand Disconnection Report Value
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J2138	Corrected Supplier Demand Disconnection
J2139	Corrected Supplier Demand Disconnection Line Loss
J2142	Daily CCC Aggregated Supplier Demand Disconnection
J2143	Daily CCC Aggregated Supplier Demand Disconnection Line Loss
J2144	Daily CCC Corrected Supplier Demand Disconnection
J2145	Daily CCC Corrected Supplier Demand Disconnection Line Loss
J2148	Daily DA Aggregated Supplier Demand Disconnection
J2149	Daily DA Aggregated Supplier Demand Disconnection Line Loss
J2176	Daily DA HH Disconnected MSID Count
J0163	Data Aggregation Type
J2153	Data Aggregator Disconnected HH MSID Count
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J2079	Demand Control Event ID
J1578	End Date and Time
J1104	GSP Group
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J1577	Start Date and Time
J0084	Supplier Id
J0248	Supplier Name

Flow Reference: **D0370**Flow Version: **001**

Status: Operational

Reference	Item Name
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
01K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
02K	Report Details	1		G								
					1							User Name
					1							Report Parameters
04K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
05K	Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number
					1							SSR Run Type Id
					1							Supplier Id
					1							Supplier Name
06K	GSP Group Details	0-*		G								
					1							GSP Group Id
					1							GSP Group Name
07K	CCC Details	0-*			G							
						1						Consumption Component Class Id
						1						GSP Group Correction Scaling Factor
						O						AA/EAC Indicator
						O						Actual/Estimated Indicator
						1						Data Aggregation Type
						1						Metered/Unmetered Indicator
						1						Consumption Component Indicator
						1						Measurement Quantity Id
08K	Period Disconnection Values	0-*				G						
							1					Settlement Period Id
							1					Settlement Period Label
							O					Aggregated Supplier Demand Disconnection Report Value
							O					Aggregated Supplier Demand Disconnection Line Loss Report Value
							O					Corrected Supplier Demand Disconnection

Flow Reference: **D0370**Flow Version: **001**

Status: Operational

							O			Corrected Supplier Demand Disconnection Line Loss
09K	Daily Disconnection Values	1					G			
							O			Daily CCC Aggregated Supplier Demand Disconnection
							O			Daily CCC Aggregated Supplier Demand Disconnection Line Loss
							O			Daily CCC Corrected Supplier Demand Disconnection
							O			Daily CCC Corrected Supplier Demand Disconnection Line Loss
10K	Supplier Details	0-1				G				
						1				Settlement Date
						1				Settlement Code
						1				Settlement Code Description
						1				SSR Run Date
						1				SSR Run Number
						1				SSR Run Type Id
						1				Supplier Id
						1				Supplier Name
11K	GSP Group Details 2	0-*				G				
						1				GSP Group Id
						1				GSP Group Name
12K	Data Aggregator Details	0-*				G				
						1				Data Aggregator Id
						1				Data Aggregator Name
13K	CCC Details 2	0-*				G				
							O			AA/EAC Indicator
							O			Actual/Estimated Indicator
							1			Consumption Component Class Id
							1			Consumption Component Indicator
							1			Data Aggregation Type
							1			Measurement Quantity Id
							1			Metered/Unmetered Indicator
14K	Period Disconnection Values 2	0-*				G				
							1			Settlement Period Id
							1			Settlement Period Label
							O			Aggregated Supplier Demand Disconnection Report Value
							O			Aggregated Supplier Demand Disconnection Line Loss Report Value
							1			Data Aggregator Disconnected HH MSID Count
15K	Daily Disconnection Values 2	1				G				

Flow Reference: D0370**Flow Version: 001****Status:** Operational

								O			Daily DA Aggregated Supplier Demand Disconnection
								O			Daily DA Aggregated Supplier Demand Disconnection Line Loss
								I			Daily DA HH Disconnected MSID Count

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3465	Data Flow added to Data Transfer Catalogue.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0371**Flow Version: **001**

Status: Operational

Flow Name:	Supplier - Supplier Disconnection Matrix Report	
Flow Description:	A report for each Supplier per GSP Group containing the details of the Disconnection Purchase Matrix rows used in the calculation of a settlement run.	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	11.4

Data Items:

Reference	Item Name
J0259	Data Aggregation Run Number
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J2079	Demand Control Event ID
J0189	Distributor Id
J2080	DPM Default EAC MSID Count
J2154	DPM Default Unmetered MSID Count
J2081	DPM Total AA MSID Count
J2083	DPM Total Annualised Advance Report Value
J2084	DPM Total EAC MSID Count
J2155	DPM Total EAC Report Value
J2156	DPM Total Unmetered Consumption Report Value
J2157	DPM Total Unmetered MSID Count
J1578	End Date and Time
J1104	GSP Group
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J0071	Profile Class Id
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J1577	Start Date and Time
J0084	Supplier Id
J0248	Supplier Name
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
16K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code

Flow Reference: **D0371**Flow Version: **001**

Status: Operational

				1						Run Type Code
				1						Run Number
				N						GSP Group
17K	Report Details	1		G						
				1						User Name
				1						Report Parameters
18K	Demand Control Event Details	1-*		G						
				1						Demand Control Event ID
				1						Start Date and Time
				1						End Date and Time
19K	Header	1		G						
				1						Settlement Date
				1						Settlement Code
				1						Settlement Code Description
				1						SSR Run Date
				1						SSR Run Number
				1						SSR Run Type Id
20K	Supplier Details	1		G						
				1						Supplier Id
				1						Supplier Name
21K	GSP Group Details	0-*		G						
					1					GSP Group Id
					1					GSP Group Name
22K	Data Aggregator Details	0-*		G						
					1					Data Aggregator Id
					1					Data Aggregator Name
					1					Data Aggregation Type
					1					Data Aggregation Run Number
23K	DPM Details	0-*		G						
					1					Profile Class Id
					1					Standard Settlement Configuration Id
					1					Line Loss Factor Class Id
					1					Distributor Id
					1					Time Pattern Regime
					1					DPM Total EAC Report Value
					1					DPM Total EAC MSID Count
					1					DPM Total Annualised Advance Report Value
					1					DPM Total AA MSID Count
					1					DPM Total Unmetered Consumption Report Value
					1					DPM Total Unmetered MSID Count
					1					DPM Default EAC MSID Count
					1					DPM Default Unmetered MSID Count

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Flow Reference: D0371**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3465	Data Flow added to Data Transfer Catalogue.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: D0372**Flow Version:** 001**Status:** Operational

Flow Name:	Aggregated Embedded Network Disconnected DUoS Report		
Flow Description:	A report of profiled DPM data by settlement class for Metering Points on embedded networks, summed over Data Aggregator and Supplier. This report is sent to Host LDSOs (as defined in BSC Procedure BSCP128), and includes data for all embedded networks within their distribution services area.		
Flow Ownership:	BSC		
From	To	Version	
SVAA	Distributor	11.4	

Data Items:

Reference	Item Name
J0244	BSC Trading Party Id
J2077	Daily Profiled DPM Total Annualised Advance
J2078	Daily Profiled DPM Total EAC
J2079	Demand Control Event ID
J0189	Distributor Id
J0323	Distributor Name
J2080	DPM Default EAC MSID Count
J2081	DPM Total AA MSID Count
J2082	DPM Total All EACs
J2083	DPM Total Annualised Advance Report Value
J2084	DPM Total EAC MSID Count
J1724	Embedded Distributor Id
J1741	Embedded Distributor Name
J1578	End Date and Time
J1104	GSP Group
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J1103	Profile Class
J2085	Profiled DPM Consumption (Settlement Period 01)
J2086	Profiled DPM Consumption (Settlement Period 02)
J2087	Profiled DPM Consumption (Settlement Period 03)
J2088	Profiled DPM Consumption (Settlement Period 04)
J2089	Profiled DPM Consumption (Settlement Period 05)
J2090	Profiled DPM Consumption (Settlement Period 06)
J2091	Profiled DPM Consumption (Settlement Period 07)
J2092	Profiled DPM Consumption (Settlement Period 08)
J2093	Profiled DPM Consumption (Settlement Period 09)
J2094	Profiled DPM Consumption (Settlement Period 10)
J2095	Profiled DPM Consumption (Settlement Period 11)
J2096	Profiled DPM Consumption (Settlement Period 12)
J2097	Profiled DPM Consumption (Settlement Period 13)
J2098	Profiled DPM Consumption (Settlement Period 14)
J2099	Profiled DPM Consumption (Settlement Period 15)
J2100	Profiled DPM Consumption (Settlement Period 16)
J2101	Profiled DPM Consumption (Settlement Period 17)
J2102	Profiled DPM Consumption (Settlement Period 18)
J2103	Profiled DPM Consumption (Settlement Period 19)
J2104	Profiled DPM Consumption (Settlement Period 20)

Flow Reference: D0372**Flow Version: 001****Status:** Operational

Reference	Item Name
J2105	Profiled DPM Consumption (Settlement Period 21)
J2106	Profiled DPM Consumption (Settlement Period 22)
J2107	Profiled DPM Consumption (Settlement Period 23)
J2108	Profiled DPM Consumption (Settlement Period 24)
J2109	Profiled DPM Consumption (Settlement Period 25)
J2110	Profiled DPM Consumption (Settlement Period 26)
J2111	Profiled DPM Consumption (Settlement Period 27)
J2112	Profiled DPM Consumption (Settlement Period 28)
J2113	Profiled DPM Consumption (Settlement Period 29)
J2114	Profiled DPM Consumption (Settlement Period 30)
J2115	Profiled DPM Consumption (Settlement Period 31)
J2116	Profiled DPM Consumption (Settlement Period 32)
J2117	Profiled DPM Consumption (Settlement Period 33)
J2118	Profiled DPM Consumption (Settlement Period 34)
J2119	Profiled DPM Consumption (Settlement Period 35)
J2120	Profiled DPM Consumption (Settlement Period 36)
J2121	Profiled DPM Consumption (Settlement Period 37)
J2122	Profiled DPM Consumption (Settlement Period 38)
J2123	Profiled DPM Consumption (Settlement Period 39)
J2124	Profiled DPM Consumption (Settlement Period 40)
J2125	Profiled DPM Consumption (Settlement Period 41)
J2126	Profiled DPM Consumption (Settlement Period 42)
J2127	Profiled DPM Consumption (Settlement Period 43)
J2128	Profiled DPM Consumption (Settlement Period 44)
J2129	Profiled DPM Consumption (Settlement Period 45)
J2130	Profiled DPM Consumption (Settlement Period 46)
J2131	Profiled DPM Consumption (Settlement Period 47)
J2132	Profiled DPM Consumption (Settlement Period 48)
J2133	Profiled DPM Consumption (Settlement Period 49)
J2134	Profiled DPM Consumption (Settlement Period 50)
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J1577	Start Date and Time
J0078	Time Pattern Regime
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
24K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number

Flow Reference: **D0372**Flow Version: **001**

Status: Operational

				N						GSP Group
27K	Report Parameters	1		G						
					1					User Name
					1					Report Parameters
25K	Demand Control Event Details	1-*		G						
					1					Demand Control Event ID
					1					Start Date and Time
					1					End Date and Time
26K	Settlement Information 1	1		G						
					1					Settlement Date
					1					Settlement Code
					1					Settlement Code Description
					1					SSR Run Date
					1					SSR Run Number
					1					SSR Run Type Id
28K	Embedd Distributor	0-*		G						
					1					Embedded Distributor Id
					1					Embedded Distributor Name
					N					BSC Trading Party Id
29K	Distributor	1		G						
						1				Distributor Id
						1				Distributor Name
30K	GSP Group	0-*			G					
						1				GSP Group Id
						1				GSP Group Name
31K	DPM Information	0-*			G					
							1			Profile Class
							1			Standard Settlement Configuration Id
							1			Embedded Distributor Id
							1			Line Loss Factor Class Id
							1			Time Pattern Regime
							1			DPM Total All EACs
							1			DPM Total Annualised Advance Report Value
							1			DPM Total EAC MSID Count
							1			DPM Total AA MSID Count
							1			DPM Default EAC MSID Count
32K	Settlement Periods	1						G		
								1		Profiled DPM Consumption (Settlement Period 01)
								1		Profiled DPM Consumption (Settlement Period 02)
								1		Profiled DPM Consumption (Settlement Period 03)
								1		Profiled DPM Consumption (Settlement Period 04)
								1		Profiled DPM Consumption (Settlement Period 05)
								1		Profiled DPM Consumption (Settlement Period 06)
								1		Profiled DPM Consumption (Settlement Period 07)

Flow Reference: **D0372**Flow Version: **001**

Status: Operational

											1	Profiled DPM Consumption (Settlement Period 08)
											1	Profiled DPM Consumption (Settlement Period 09)
											1	Profiled DPM Consumption (Settlement Period 10)
											1	Profiled DPM Consumption (Settlement Period 11)
											1	Profiled DPM Consumption (Settlement Period 12)
											1	Profiled DPM Consumption (Settlement Period 13)
											1	Profiled DPM Consumption (Settlement Period 14)
											1	Profiled DPM Consumption (Settlement Period 15)
											1	Profiled DPM Consumption (Settlement Period 16)
											1	Profiled DPM Consumption (Settlement Period 17)
											1	Profiled DPM Consumption (Settlement Period 18)
											1	Profiled DPM Consumption (Settlement Period 19)
											1	Profiled DPM Consumption (Settlement Period 20)
											1	Profiled DPM Consumption (Settlement Period 21)
											1	Profiled DPM Consumption (Settlement Period 22)
											1	Profiled DPM Consumption (Settlement Period 23)
											1	Profiled DPM Consumption (Settlement Period 24)
											1	Profiled DPM Consumption (Settlement Period 25)
											1	Profiled DPM Consumption (Settlement Period 26)
											1	Profiled DPM Consumption (Settlement Period 27)
											1	Profiled DPM Consumption (Settlement Period 28)
											1	Profiled DPM Consumption (Settlement Period 29)
											1	Profiled DPM Consumption (Settlement Period 30)
											1	Profiled DPM Consumption (Settlement Period 31)
											1	Profiled DPM Consumption (Settlement Period 32)
											1	Profiled DPM Consumption (Settlement Period 33)
											1	Profiled DPM Consumption (Settlement Period 34)
											1	Profiled DPM Consumption (Settlement Period 35)
											1	Profiled DPM Consumption (Settlement Period 36)

Flow Reference: **D0372**Flow Version: **001**

Status: Operational

										1	Profiled DPM Consumption (Settlement Period 37)
										1	Profiled DPM Consumption (Settlement Period 38)
										1	Profiled DPM Consumption (Settlement Period 39)
										1	Profiled DPM Consumption (Settlement Period 40)
										1	Profiled DPM Consumption (Settlement Period 41)
										1	Profiled DPM Consumption (Settlement Period 42)
										1	Profiled DPM Consumption (Settlement Period 43)
										1	Profiled DPM Consumption (Settlement Period 44)
										1	Profiled DPM Consumption (Settlement Period 45)
										1	Profiled DPM Consumption (Settlement Period 46)
										O	Profiled DPM Consumption (Settlement Period 47)
										O	Profiled DPM Consumption (Settlement Period 48)
										O	Profiled DPM Consumption (Settlement Period 49)
										O	Profiled DPM Consumption (Settlement Period 50)
33K	Daily DPM	1								G	
										1	Daily Profiled DPM Total EAC
										1	Daily Profiled DPM Total Annualised Advance
34K	Settlement Information 2	1								G	
										1	Settlement Date
										1	Settlement Code
										1	Settlement Code Description
										1	SSR Run Date
										1	SSR Run Number
										1	SSR Run Type Id

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3465	Data Flow added to Data Transfer Catalogue.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0373**Flow Version: **001**

Status: Operational

Flow Name:	GSP Group Demand Disconnection Totals Report	
Flow Description:	Report of consumption component class Demand Disconnection totals for each GSP group..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	11.4

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J2079	Demand Control Event ID
J1578	End Date and Time
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J1577	Start Date and Time
J0084	Supplier Id
J0248	Supplier Name
J2159	Total CCC Aggregated Supplier Demand Disconnection
J2160	Total CCC Aggregated Supplier Demand Disconnection Line Loss
J2161	Total CCC Corrected Supplier Demand Disconnection
J2162	Total CCC Corrected Supplier Demand Disconnection Line Loss
J2163	Total CCC Disconnected MSID Count

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
35K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group Id
36K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID

Flow Reference: **D0373**Flow Version: **001**

Status: Operational

				1						Start Date and Time
				1						End Date and Time
37K	Report Data	1		G						
					1					Settlement Date
					1					Settlement Code
					1					Settlement Code Description
					1					SSR Run Date
					1					SSR Run Number
					1					SSR Run Type Id
					1					Supplier Id
					1					Supplier Name
38K	GSP Group	0-*		G						
					1					GSP Group Id
					1					GSP Group Name
39K	Consumption Component Class	0-*		G						
					1					Consumption Component Class Id
					1					GSP Group Correction Scaling Factor
					O					AA/EAC Indicator
					O					Actual/Estimated Indicator
					1					Data Aggregation Type
					1					Metered/Unmetered Indicator
					1					Consumption Component Indicator
					1					Measurement Quantity Id
40K	Settlement Period	0-*		G						
					1					Settlement Period Id
					1					Settlement Period Label
					O					Total CCC Aggregated Supplier Demand Disconnection
					O					Total CCC Aggregated Supplier Demand Disconnection Line Loss
					O					Total CCC Corrected Supplier Demand Disconnection
					O					Total CCC Corrected Supplier Demand Disconnection Line Loss
					O					Total CCC Disconnected MSID Count

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3465	Data Flow added to Data Transfer Catalogue.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0374**Flow Version: **001**

Status: Operational

Flow Name:	Supplier BM Unit Demand Disconnection Report		
Flow Description:	Report for each Supplier containing details of the Supplier’s valid BM Units, GSP Group/BM Unit/Profile Class/Standard Settlement Configuration mappings and Demand Disconnection by BM Unit and Consumption Component Class.		
Flow Ownership:	BSC		
From	To	Version	
SVAA	Supplier	11.4	

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J2167	Aggregated BM Unit Demand Disconnection Energy
J2166	Aggregated BM Unit Demand Disconnection Line Losses
J1628	BM Unit Id
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J2137	Corrected BM Unit Demand Disconnection Energy
J2165	Corrected BM Unit Demand Disconnection Line Losses
J2172	Daily Aggregated BM Unit Demand Disconnection Energy
J2173	Daily Aggregated BM Unit Demand Disconnection Line Losses
J2146	Daily Corrected BM Unit Demand Disconnection Energy
J2147	Daily Corrected BM Unit Demand Disconnection Line Losses
J1120	Daily DA HH MSID Count
J2151	Daily Period BM Unit Total Allocated Demand Disconnection Volume
J2152	Daily Uncorrected Period BM Unit Total Allocated Demand Disconnection Volume
J0163	Data Aggregation Type
J2153	Data Aggregator Disconnected HH MSID Count
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J1631	Default BM Unit Flag
J1635	Default BM Unit Reason Code
J2079	Demand Control Event ID
J1578	End Date and Time
J1104	GSP Group
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J2158	Period BM Unit Total Allocated Demand Disconnection Volume
J0071	Profile Class Id
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J1634	SSR Run BM Unit Id

Flow Reference: **D0374**Flow Version: **001**

Status: Operational

Reference	Item Name
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J1577	Start Date and Time
J0084	Supplier Id
J0248	Supplier Name
J2164	Uncorrected Period BM Unit Total Allocated Demand Disconnection Volume
J1089	User Name

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
41K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
42K	Report Parameters	1		G								
					1							User Name
					1							Report Parameters
43K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
44K	Additional Header Details	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Settlement Code Description
					1							SSR Run Date
					1							SSR Run Number
					1							SSR Run Type Id
					1							Supplier Id
					1							Supplier Name
45K	GSP Group	0-*		G								
					1							GSP Group Id
					1							GSP Group Name
46K	BM Unit Standing Data	1-*		G								
						1						BM Unit Id
						1						Default BM Unit Flag
47K	Profile Class	0-*		G								
							1					Profile Class Id
48K	Standard Settlement Configuration	0-*		G								
								1				Standard Settlement Configuration Id
49K	BM Unit Half Hourly and Non-Half Hourly Energy by CCC and Settlement Period	1-*		G								
						1						BM Unit Id
						1						Default BM Unit Flag

Flow Reference: **D0374**Flow Version: **001**

Status: Operational

50K	Consumption Component Class Half Hourly and Non-Half Hourly Energy	0-*					G												
								1										Consumption Component Class Id	
								1										GSP Group Correction Scaling Factor	
								O										AA/EAC Indicator	
								O										Actual/Estimated Indicator	
								1										Data Aggregation Type	
								1										Metered/Unmetered Indicator	
								1										Consumption Component Indicator	
								1										Measurement Quantity Id	
51K	Settlement Period Half Hourly and Non-Half Hourly Energy	0-*					G												
								1										Settlement Period Id	
								1										Settlement Period Label	
								O										Aggregated BM Unit Demand Disconnection Energy	
								O										Aggregated BM Unit Demand Disconnection Line Losses	
								O										Corrected BM Unit Demand Disconnection Energy	
								O										Corrected BM Unit Demand Disconnection Line Losses	
52K	Daily Total 1 BM Unit Half Hourly and Non-Half Hourly Energy	1					G												
								O										Daily Aggregated BM Unit Demand Disconnection Energy	
								O										Daily Aggregated BM Unit Demand Disconnection Line Losses	
								O										Daily Corrected BM Unit Demand Disconnection Energy	
								O										Daily Corrected BM Unit Demand Disconnection Line Losses	
53K	BM Unit Half Hourly and Non-Half Hourly Energy by Settlement Period	1-*					G												
								1										BM Unit Id	
								1										Default BM Unit Flag	
54K	Period BM Unit Total Allocated Volume	1-*					G												
								1										Settlement Period Id	
								1										Settlement Period Label	
								1										Uncorrected Period BM Unit Total Allocated Demand Disconnection Volume	
								1										Period BM Unit Total Allocated Demand Disconnection Volume	

Status: Operational

Notes:	See Annex C for flow notes
---------------	----------------------------

Flow Reference: D0374**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3465	Data Flow added to Data Transfer Catalogue.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0375**Flow Version: **001**

Status: Operational

Flow Name:	Disconnected MSIDs and Estimated Half Hourly Demand Disconnection Volumes		
Flow Description:	Communication of MSIDs and Estimates of Half Hourly disconnection values for use in estimating the effects of Demand Control Events..		
Flow Ownership:	BSC		
From	To	Version	
HHDC	Distributor	11.4	
HHDC	HHDA	11.4	
HHDC	Supplier	11.4	
SVAA	HHDA	11.4	
SVAA	HHDC	11.4	
SVAA	NHHDA	11.4	
SVAA	NHHDC	11.4	

Data Items:

Reference	Item Name
J2079	Demand Control Event ID
J1578	End Date and Time
J2175	Estimated HH Demand Disconnection Volume
J0103	Measurement Quantity Id
J0083	Metering System Id
J0073	Settlement Date
J1577	Start Date and Time
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
61K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
62K	Metering Systems	1-*		G								
					1							Metering System Id
					O							Measurement Quantity Id
					O							Supplier Id
63K	Settlement Date	1-*			G							
						1						Settlement Date
64K	HH Periods	46, 48, 50				G						
							1					Estimated HH Demand Disconnection Volume

Notes:	See Annex C for flow notes. This flow is used to fulfil two different functions: 1. the communication of Estimated Half Hourly Demand Disconnection Volumes for all HH Metering Systems disconnected by a Distributor, for Inclusion in Supplier's Demand Disconnection Volume, and 2. the communication of MSIDs the Transmission Company believes may have
---------------	---

Flow Reference: D0375**Flow Version: 001****Status:** Operational

	provided it with voluntary demand side actions (i.e. non-BM STOR and DSBR) and the anticipated volumes delivered.
--	---

Commented [JW248]: Guidance**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3467	Data Flow added to Data Transfer Catalogue following implementation of P305.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0376**Flow Version: **001**

Status: Operational

Flow Name:	Supplier’s Demand Disconnection Volume Data File		
Flow Description:	Aggregated line loss adjusted HH demand disconnection volumes by Supplier and GSP Group. Where this flow is intended for the Supplier, the set of Suppliers will be limited to that Supplier only..		
Flow Ownership:	BSC		
From	To	Version	
HHDA	Supplier	11.4	
HHDA	SVAA	11.4	

Data Items:

Reference	Item Name
J0160	Consumption Component Class Id
J2153	Data Aggregator Disconnected HH MSID Count
J2079	Demand Control Event ID
J1578	End Date and Time
J1104	GSP Group
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J1577	Start Date and Time
J0084	Supplier Id
J2174	Supplier's Demand Disconnection Volume
J2168	Supplier's Demand Disconnection Volume (Losses)

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
65K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
66K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
67K	Supplier	1-*		G								
						1						Supplier Id
68K	Consumption Component Class	1-*				G						
							1					Consumption Component Class Id
69K	Settlement Period/Data Aggregator Disconnected HH MSID Count	1-*					G					
								1				Settlement Period Id
								1				Data Aggregator Disconnected HH MSID Count

Status: Operational

Commented [JW250]: Message Collection Conditional Rule

Version History:

Flow Reference: **D0377**Flow Version: **001**

Status: Operational

Flow Name:	Disconnection Purchase Matrix Data File	
Flow Description:	Details of NHH Disconnection volumes per Supplier aggregated per GSP Group by profile class, line loss factor class and measurement requirement..	
Flow Ownership:	BSC	
From	To	Version
NHHDA	Supplier	11.4
NHHDA	SVAA	11.4

Data Items:

Reference	Item Name
J2079	Demand Control Event ID
J0189	Distributor Id
J2080	DPM Default EAC MSID Count
J2154	DPM Default Unmetered MSID Count
J2081	DPM Total AA MSID Count
J2169	DPM Total Annualised Advance
J2170	DPM Total EAC
J2084	DPM Total EAC MSID Count
J2171	DPM Total Unmetered Consumption
J2157	DPM Total Unmetered MSID Count
J1578	End Date and Time
J1104	GSP Group
J0147	Line Loss Factor Class Id
J0071	Profile Class Id
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0076	Standard Settlement Configuration Id
J1577	Start Date and Time
J0084	Supplier Id
J0078	Time Pattern Regime

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
72K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
73K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
74K	Supplier Details	1-*		G								
						1						Supplier Id
75K	Disconnection Purchase Matrix Details	1-*				G						
							1					Profile Class Id

Flow Reference: **D0377**Flow Version: **001**

Status: Operational

						1				Distributor Id
						1				Line Loss Factor Class Id
						1				Standard Settlement Configuration Id
						1				Time Pattern Regime
						1				DPM Default EAC MSID Count
						1				DPM Default Unmetered MSID Count
						1				DPM Total AA MSID Count
						1				DPM Total Annualised Advance
						1				DPM Total EAC
						1				DPM Total EAC MSID Count
						1				DPM Total Unmetered Consumption
						1				DPM Total Unmetered MSID Count

Notes:	See Annex C for flow notes.
---------------	-----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3467	Data Flow added to Data Transfer Catalogue following implementation of P305.
Version 12.4	3542	Flow rules moved from Flow Notes to DTC Annex C.

Flow Reference: **D0378**Flow Version: **001**

Status: Operational

Flow Name:	BM Unit Aggregated Half Hour Demand Disconnection Data File	
Flow Description:	Aggregated line loss adjusted HH disconnection volumes in a GSP Group by Supplier and BM Unit..	
Flow Ownership:	BSC	
From	To	Version
HHDA	Supplier	11.4
HHDA	SVAA	11.4

Data Items:

Reference	Item Name
J2167	Aggregated BM Unit Demand Disconnection Energy
J2166	Aggregated BM Unit Demand Disconnection Line Losses
J1628	BM Unit Id
J0160	Consumption Component Class Id
J2153	Data Aggregator Disconnected HH MSID Count
J2079	Demand Control Event ID
J1578	End Date and Time
J1104	GSP Group
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J1577	Start Date and Time
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
76K	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
77K	Demand Control Event Details	1-*		G								
					1							Demand Control Event ID
					1							Start Date and Time
					1							End Date and Time
78K	Supplier	1-*		G								
					1							Supplier Id
79K	BM Unit	1-*		G								
						1						BM Unit Id
80K	Consumption Component Class	0-*				G						
							1					Consumption Component Class Id
81K	Settlement Period / Data Aggregator HH MSID Count	0-*					G					
								1				Settlement Period Id

Flow Reference: **D0378**Flow Version: **001**

Status: Operational

								1								Data Aggregator Disconnected HH MSID Count
82K	Aggregated BM Unit Demand Disconnection Energy	1	If disconnected energy					G								
									1							Aggregated BM Unit Demand Disconnection Energy
83K	Aggregated BM Unit Demand Disconnection Line Losses	1	If disconnection Line Loss					G								
									1							Aggregated BM Unit Demand Disconnection Line Losses

Commented [JW251]: Message Collection Conditional Rule

Commented [JW252]: Message Collection Conditional Rule

Notes:	<p>Where this flow is being sent to the Supplier, the flow will contain data for that Supplier only.</p> <p>The BM Unit Aggregated Half Hour Data File is output in ascending order by Supplier Id, BM Unit Id, Consumption Component Class Id and Settlement Period Id.</p> <p>This flow is sent alongside the D0298 but only for Settlement Dates which include Settlement Period/s affected by a Demand Control Event.</p> <p>The flow is only required in relation to Suppliers that have Metering Systems affected by a Demand Control Event.</p> <p>The Start Date and Time and End Date and Time represent the beginning and end of a Demand Control Event instructed by the Transmission Company.</p>
---------------	---

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.4	3467	Data Flow added to Data Transfer Catalogue following implementation of P305.

Flow Reference: **D0379**Flow Version: **001**

Status: Operational

Flow Name:	Half Hourly Advances UTC
Flow Description:	Half Hourly consumption values from smart meters specified in UTC.
Flow Ownership:	MRA

From	To	Version
HHDC	Supplier	11.9
Supplier	HHDC	11.9

Data Items:

Reference	Item Name
J0020	Actual/Estimated Indicator
J0018	Date (Midnight to Midnight UTC)
J0103	Measurement Quantity Id
J0003	MPAN Core
J2207	Smart Metered Period Consumption
J0084	Supplier Id
J2206	Supplier Validated Flag

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
25B	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Measurement Quantity Id
					1							Supplier Id
26B	Date	1-*		G								
					1							Date (Midnight to Midnight UTC)
66L	Half Hour Periods in UTC	48			G							
						1						Actual/Estimated Indicator
						1						Smart Metered Period Consumption
64L	Validation Flag	1	If Supplier to HHDC	G								
					1							Supplier Validated Flag

Commented [JW253]: Message Scenario Variant

Notes:	
--------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.9	3496	New Data Flow created.

Flow Reference: **D0380**Flow Version: **001**

Status: Operational

Flow Name:	Half Hourly Advances for Inclusion in Aggregated Supplier Matrix
Flow Description:	Half Hourly consumption values from smart meters for submission to HHDC and HHDA for use in Settlement.
Flow Ownership:	MRA

From	To	Version
HHDC	HHDA	11.9
HHDC	Supplier	11.9
Supplier	HHDC	11.9

Data Items:

Reference	Item Name
J0020	Actual/Estimated Indicator
J0103	Measurement Quantity Id
J0003	MPAN Core
J0073	Settlement Date
J2207	Smart Metered Period Consumption
J0084	Supplier Id
J2206	Supplier Validated Flag

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
101	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Measurement Quantity Id
					1							Supplier Id
102	Settlement Date	1-*		G								
						1						Settlement Date
65L	Half Hour Periods	46,48,50				G						
							1					Actual/Estimated Indicator
							1					Smart Metered Period Consumption
64L	Validation Flag	1	If Supplier to HHDC	G								
					1							Supplier Validated Flag

Commented [JW254]: Message Scenario Variant

Notes:	
--------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 11.9	3496	New Data Flow created

Flow Reference: **D0381**Flow Version: **001**

Status: Operational

Flow Name:	Metering Point Address Update		
Flow Description:	Notification of request to update a Metering Point Address and the subsequent response..		
Flow Ownership:	MRA		
From	To	Version	
Distributor	Supplier	12.1	
Supplier	Distributor	12.1	

Data Items:

Reference	Item Name
J0012	Additional Information
J1026	Address Line 1
J1027	Address Line 2
J1028	Address Line 3
J1029	Address Line 4
J1030	Address Line 5
J1031	Address Line 6
J1032	Address Line 7
J1033	Address Line 8
J1034	Address Line 9
J1036	Metering Point Address Line 1
J1037	Metering Point Address Line 2
J1038	Metering Point Address Line 3
J1039	Metering Point Address Line 4
J1040	Metering Point Address Line 5
J1041	Metering Point Address Line 6
J1042	Metering Point Address Line 7
J1043	Metering Point Address Line 8
J1044	Metering Point Address Line 9
J0263	Metering Point Postcode
J0003	MPAN Core
J0757	Postcode
J2211	Requestor Contact Email
J1860	Requestor Contact Name
J1861	Requestor Telephone Number
J2212	Response Code
J1675	Unique Property Reference Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
69L	MPAN Core	1-*		G								
					1							MPAN Core
					O							Additional Information
70L	Contact Details	0-1		G								
					O							Requestor Contact Name
					O							Requestor Telephone Number
					O							Requestor Contact Email
71L	Current Metering Point Address	1		G								

Flow Reference: **D0381**Flow Version: **001**

Status: Operational

					O					Metering Point Address Line 1
					O					Metering Point Address Line 2
					O					Metering Point Address Line 3
					O					Metering Point Address Line 4
					O					Metering Point Address Line 5
					O					Metering Point Address Line 6
					O					Metering Point Address Line 7
					O					Metering Point Address Line 8
					O					Metering Point Address Line 9
					O					Metering Point Postcode
					N					Unique Property Reference Number
72L	Proposed Metering Point Address	1			G					
					O					Address Line 1
					O					Address Line 2
					O					Address Line 3
					O					Address Line 4
					O					Address Line 5
					O					Address Line 6
					O					Address Line 7
					O					Address Line 8
					O					Address Line 9
					O					Postcode
73L	Response	1	Distribution only		G					
					I					Response Code
					O					Additional Information

Commented [JW255]: Message Collection Conditional Rule

Notes: See Annex C

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.1	3508	New flow created

Flow Reference: **D0382**Flow Version: **001**

Status: Operational

Flow Name:	Rejection Response for Request to LDSO for Site Technical Details
Flow Description:	The rejection of a D0170 request sent with Action Code 21 (Provide Site Technical Details) when sent from a MOP to a Distributor..
Flow Ownership:	BSC

From	To	Version
Distributor	MOP	12.3

Data Items:

Reference	Item Name
J2215	D0170 Rejection Description
J0003	MPAN Core

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
94L	MPAN Cores	1-*		G								
					1							MPAN Core
					1							D0170 Rejection Description

Notes:	
--------	--

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.3	3523	New flow created.

Flow Reference: **D0383**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Commissioning Information		
Flow Description:	Half Hourly notification of Commissioning information which is transferred when there is a new connection, change in equipment, configuration or upon Change of Agent..		
Flow Ownership:	BSC		
From	To	Version	
Distributor	MOP	12.3	
MOP	MOP	12.3	

Data Items:

Reference	Item Name
J2226	Burden on CT
J2229	Burden on VT
J2224	Commissioning Agent MPID
J2223	Commissioning Date
J2232	Compensation Applied to Meter
J0505	CT Class
J2219	CT Commissioning Information Available
J0506	CT Rating
J0454	CT Ratio
J2225	CT Serial Number
J2217	Feeder Id
J1684	Feeder Status
J0001	Market Participant Role Code
J2218	Measurement Transformers Located at Defined Metering Point
J2231	Meter Accuracy Class
J2221	Meter Commissioning Information Available
J0004	Meter Id (Serial Number)
J0003	MPAN Core
J2216	Number of Feeders
J0427	Number of Phases
J2227	Overall Burden on CT (VA)
J2230	Overall Burden on VT (VA)
J2222	Phase Id
J0677	VT Class
J2220	VT Commissioning Information Available
J0678	VT Rating
J0455	VT Ratio
J2228	VT Serial Number

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
95L	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Number of Feeders
96L	Feeder Information	1-*		G								
					1							Feeder Id
					1							Feeder Status
					1							Measurement Transformers Located at Defined Metering Point

Flow Reference: **D0383**Flow Version: **001**

Status: Operational

					1					Number of Phases
					1					CT Commissioning Information Available
					1					VT Commissioning Information Available
					1					Meter Commissioning Information Available
97L	CT Details	1-*	If CT Commissioning Information Available =Y		G					
					1					Phase Id
					1					Commissioning Date
					1					Market Participant Role Code
					1					Commissioning Agent MPID
					1					CT Serial Number
					1					CT Class
					1					CT Rating
					1					CT Ratio
					1					Burden on CT
					O					Overall Burden on CT (VA)
98L	VT Details	1-*	If VT Commissioning Information Available =Y		G					
					1					Phase Id
					1					Commissioning Date
					1					Market Participant Role Code
					1					Commissioning Agent MPID
					1					VT Serial Number
					1					VT Class
					1					VT Rating
					1					VT Ratio
					1					Burden on VT
					O					Overall Burden on VT (VA)
99L	Meter Details	0-*	If Meter Commissioning Information Available = Y		G					
					1					Commissioning Date
					1					Commissioning Agent MPID
					1					Meter Id (Serial Number)
					1					Meter Accuracy Class
					1					CT Ratio
					O					VT Ratio
					1					Compensation Applied to Meter

Commented [JW256]: Message Collection Conditional Rule

Commented [JW257]: Message Collection Conditional Rule

Commented [JW258]: Message Collection Conditional Rule

Notes: See Annex C for Flow Notes

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.3	3522	New flow created.
Version 12.3	3548	Correction of Conditions for groups 97L, 98L and 99L from "T" to "Y"

Flow Reference: **D0384**Flow Version: **001**

Status: Operational

Flow Name:	Notification of Commissioning Status
Flow Description:	Half Hourly notification of Commissioning status when there is a new connection, change in equipment, configuration or upon Change of Agent..
Flow Ownership:	BSC

From	To	Version
Distributor	Supplier	12.3
MOP	MOP	12.3
MOP	Supplier	12.3
Supplier	Distributor	12.3
Supplier	MOP	12.3

Data Items:

Reference	Item Name
J2215	D0170 Rejection Description
J2236	Defect/Omission Reason
J2238	Defect/Omission Resolution Information
J2233	Measurement Transformer Commissioning Completed
J2234	MOA Commissioning Completed
J0003	MPAN Core
J2235	Overall Accuracy of Metering System within Limit(s) Defined within the Relevant BSC CoP.
J2237	Risk to Settlement

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
00M	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Measurement Transformer Commissioning Completed
					1							MOA Commissioning Completed
					1							Overall Accuracy of Metering System within Limit(s) Defined within the Relevant BSC CoP.
01M	Feeder Information	0-*		G								
					1							Defect/Omission Reason
					O							D0170 Rejection Description
					1							Risk to Settlement
					O							Defect/Omission Resolution Information

Notes:	See Annex C for Flow Notes
---------------	----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.3	3522	New flow created

Flow Reference: **D0385**Flow Version: **001**

Status: Operational

Flow Name:	Metering System Half Hourly Metered Data	
Flow Description:	Metering System Half Hourly metered data for use by the SVAA.	
Flow Ownership:	BSC	
From	To	Version
HHDA	SVAA	12.4

Data Items:

Reference	Item Name
J1628	BM Unit Id
J0160	Consumption Component Class Id
J0189	Distributor Id
J1104	GSP Group
J0147	Line Loss Factor Class Id
J0003	MPAN Core
J1872	Period Metering System Metered Data
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
19I	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					1							GSP Group
20I	Supplier	1-*		G								
					1							Supplier Id
04M	MPAN Cores	1-*		G								
						1						MPAN Core
						1						Distributor Id
						1						Line Loss Factor Class Id
						1						BM Unit Id
05M	Settlement Period Metering System Metered Data	46,48,50				G						
							1					Settlement Period Id
							1					Period Metering System Metered Data
							1					Consumption Component Class Id

Notes:	<p>The HHDA must only send this data to the SVAA where the HHDA has accepted a D0354 (Metering System Reporting Notification) received from the SVAA by issuing a D0355.</p> <p>The HHDA must not sent this flow to Suppliers in response to a D0354 (they should send a D0357 instead).</p>
---------------	--

Commented [JW259]: Process Obligation

Flow Reference: D0385**Flow Version: 001****Status:** Operational**Version History:**

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.4	3541	Data Flow created.

Flow Reference: **D0386**Flow Version: **001**

Status: Operational

Flow Name:	Manage Metering Point Relationships
Flow Description:	Used to initiate a change to a metering point relationship.
Flow Ownership:	MRA

From	To	Version
MPAS	Supplier	12.5
Supplier	MPAS	12.5

Data Items:

Reference	Item Name
J0109	Instruction Number
J2242	MPAN Action
J2243	Primary MPAN
J2240	Related MPAN Response Code
J2241	Relationship Action
J2244	Secondary MPAN

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
18M	Relationship Action	1-*		G								
					1							Primary MPAN
					1							Relationship Action
					1							Instruction Number
19M	Secondary MPANs	1-*		G								
					1							Secondary MPAN
					1							MPAN Action
20M	MPAS Response	1-*	MPAS Only	G								
					1							Related MPAN Response Code

Commented [JW260]: Message Scenario Variant

Notes:	See Annex C for Flow Rules
---------------	----------------------------

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.5	3550	New flow and data items created.

Flow Reference: **D0387**Flow Version: **001**

Status: Operational

Flow Name:	Metering System Half Hourly Volume Adjustments	
Flow Description:	Adjustments to a Supplier's Energy Imbalance Position calculated by BSC Systems in relation to an SVA Metering System.	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	12.7

Data Items:

Reference	Item Name
J1628	BM Unit Id
J0160	Consumption Component Class Id
J0189	Distributor Id
J1104	GSP Group
J0066	GSP Group Id
J0147	Line Loss Factor Class Id
J2257	MPAN Applicable Balancing Services Volume Data (Losses)
J2258	MPAN Applicable Balancing Services Volume Data (Non-Losses)
J0003	MPAN Core
J1087	Run Number
J1086	Run Type Code
J2259	Secondary Half Hourly Delivered Volumes (Losses)
J2260	Secondary Half Hourly Delivered Volumes (Non-Losses)
J0146	Settlement Code
J0073	Settlement Date
J0074	Settlement Period Id
J0084	Supplier Id

Flow Structure:

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
ZPD	Data File Additional Header	1		G								
					1							Settlement Date
					1							Settlement Code
					1							Run Type Code
					1							Run Number
					N							GSP Group
20I	Supplier	1-*		G								
					1							Supplier Id
BMU	BM Unit	1-*		G								
					1							BM Unit Id
78M	MPAN Cores	1-*				G						
						1						MPAN Core
						1						GSP Group Id
						1						Distributor Id
						1						Line Loss Factor Class Id
79M	Settlement Period	46,48,50					G					
							1					Settlement Period Id
80M	Metering System Half Hourly Volume Adjustments	2						G				
								1				Consumption Component Class Id

Flow Reference: **D0387**Flow Version: **001**

Status: Operational

										O		Secondary Half Hourly Delivered Volumes (Non-Losses)
										O		MPAN Applicable Balancing Services Volume Data (Non-Losses)
										O		Secondary Half Hourly Delivered Volumes (Losses)
										O		MPAN Applicable Balancing Services Volume Data (Losses)

Notes:	“MPAN Applicable Balancing Services Volume Data” relates to BSC Modification P354 “Use of ABSVD for non-BM Balancing Services at the metered (MPAN) level” and “Secondary Half Hourly Delivered Volumes” relates to BSC Modification P344 “Project TERRE implementation into GB market arrangements”
---------------	--

Commented [JW261]: Guidance

Version History:

Catalogue release change takes effect	CP No.	Brief description of the change and its reason
Version 12.7	3565	New Flow Created