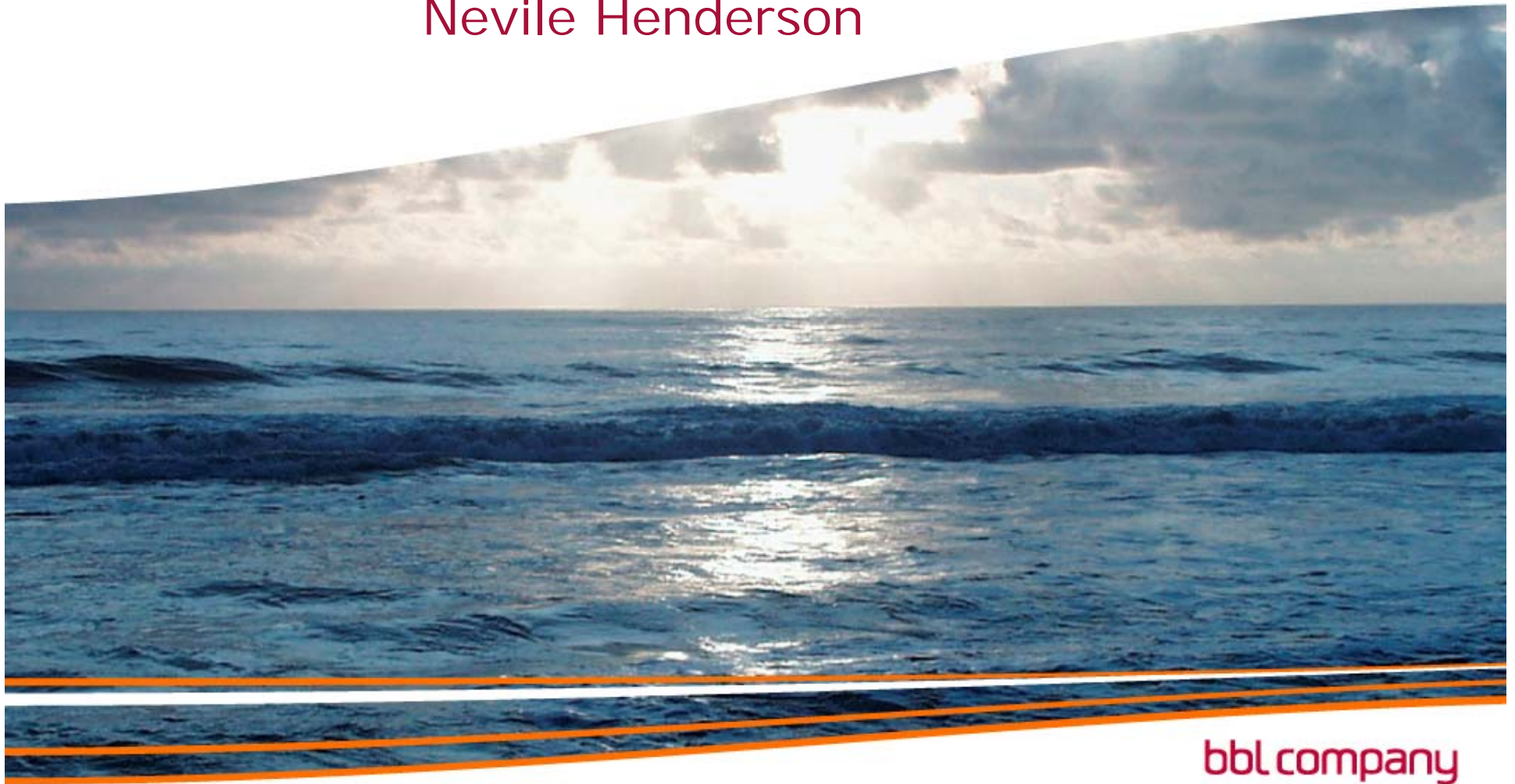


Winter 2006/07 Consultation

24th May 2006

Nevile Henderson



bbl company

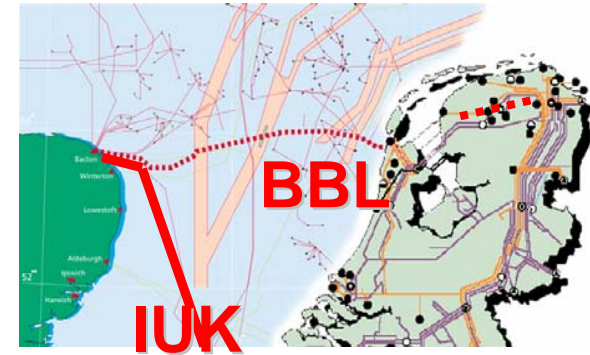
Presentation content

- Status of BBL
- Status of GWWL – onshore Netherlands project
- Pipeline capacity
- Open Season – 1st year gas



BBL reinforcing UK supply

- Pipeline 36"
 - Onshore section in the Netherlands
 - Dune crossing and shore approach
 - Offshore pipeline to Bacton, 230 km
 - Shore approach and landing at Bacton
- Receiving facilities at Bacton
 - Measuring of quantity and quality of gas
 - Flow control
 - Heating of gas
- Compressor station at Anna Paulowna





Winter 2004/2005 and 2005/2006



UK Shore Crossing
KP 230 to KP 230.5

- 1 Tie-in inside cofferdam
- 2 Shaft of appr. 13.5 meter high
- 3 Tunnel section of appr. 85 meters

March 2006



UK Shore Approach
KP 223 to KP 230 : 0 - 20 m w.d.

- 1 Pull from Tog Mor to shore through 110 meter cofferdam
- 2 Nearshore dredging required
- 3 Nearshore backfilling required

April - July 2006



Offshore Section
KP 11 to KP 223 : > 20 m w.d.

- 1 Castoro Sei offshore installation
- 2 Dredging in peak shaving areas
- 3 mechanical trenching at specific locations
- Automatic UT on laybarge

December 2005 - April 2006



NL Shore Approach
KP 0.47 to KP 11 : 0 - 20 m w.d.

- 1 Shallow draft laybarge Tog Mor
- 2 Pull from laybarge to shore through 200 meter long cofferdam
- 3 Nearshore dredging required
- Present p.l. profile based on NOGAT requirements

August 2005 - June 2006



NL Dune Crossing
(KP -0.08 to KP 0.47)

- 1 Inland flat agricultural area
- 2 HDD from the beach towards land
- 3 Pull back pre-fabricated pipe string
- Tie-in on the Beach
- Test pressure acc. To NEN 3651

Status BBL

- Initial open season
- Compressor station Dutch side on schedule
- Dune crossing expected in May/June 2006
- Offshore pipeline on critical path
- First commercial gas expected December 1st 2006



Bacton side



UK landfall



Offshore



Pipes.....



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Dutch dunes



Dutch side Compressor station



Status GWWL

- Onshore pipeline from Dutch/German border to Balgzand
- GWWL planned for December 2006 (1st part through IJsselmeer) and full flow on November 1st 2007
 - The signed and agreed 'flora and fauna' permit has been received
 - Support obtained from birdwatchers in 21 districts
 - Preliminary field work has started at Grijpskerk
- Construction : end of May, contractors will start the IJsselmeer crossing

Capacities

	Capacity in ml M3/h	Capacity in ml M3/day
▪ 01-12-2006 :	1.15	27.6
▪ 01-03-2007 :	1.8	43.2



Open Season – 1st year capacity

(capacity in kWh/h)

Total cap. available	Cap. booked	Current cap. available	Start date	End date
5 771 000	1 701 129	4 069 871	01-03-2007	31-03-2007
5 771 000	1 702 129	4 068 871	01-04-2007	30-04-2007
5 771 000	1 703 129	4 067 871	01-05-2007	31-05-2007
5 771 000	1 704 129	4 066 871	01-06-2007	30-06-2007
5 771 000	1 705 129	4 065 871	01-07-2007	31-07-2007
5 771 000	1 706 129	4 064 871	01-08-2007	31-08-2007
5 771 000	1 707 129	4 063 871	01-09-2007	30-09-2007
2 450 000	1 800 129	649 871	01-10-2007	31-10-2007
2 450 000	1 801 129	648 871	01-11-2007	30-11-2007

Summary

- Significant new infrastructure project
- Tight schedule
- First commercial gas planned for 1 December 2006
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