



**Platform installation / decommissioning and pipelay vessel**  
*Pioneering Spirit*

**Edward Heerema, Allseas**  
**Symposium "Graceful Demolition", KIVI**  
**12 May 2017**



## Platform installation / decommissioning and pipelay vessel *Pioneering Spirit*

Hull length:	382 m
Hull width:	124 m
Slot length:	122 m
Slot width:	59 m
Thruster capacity:	66,000 kW (88,500 hp) = 12 x 5,500 kW
Installed power:	95,000 kW (127,000 hp)
Transit speed:	14 knots
Ballast capacity:	37,000 t/h
Accommodation:	571 persons



***Keel block 12A positioned in royal dock 4, September 2012  
Daewoo shipyard, Okpo, South Korea***



***Positioning the portside hull and the starboard hull next to each other,  
November 2012  
Daewoo shipyard, Okpo, South Korea***



***Pieter Schelte alongside the D-quay, December 2013  
Daewoo shipyard, Okpo, South Korea***

**Removal of the 13,500 t Yme platform  
North Sea, August 2016**



***Positioning around the Yme platform, 20 August 2016  
Yme field, Norwegian sector of the North Sea***



***Pioneering Spirit connected to Yme platform, 22 August 2016  
Yme field, Norwegian sector of the North Sea***





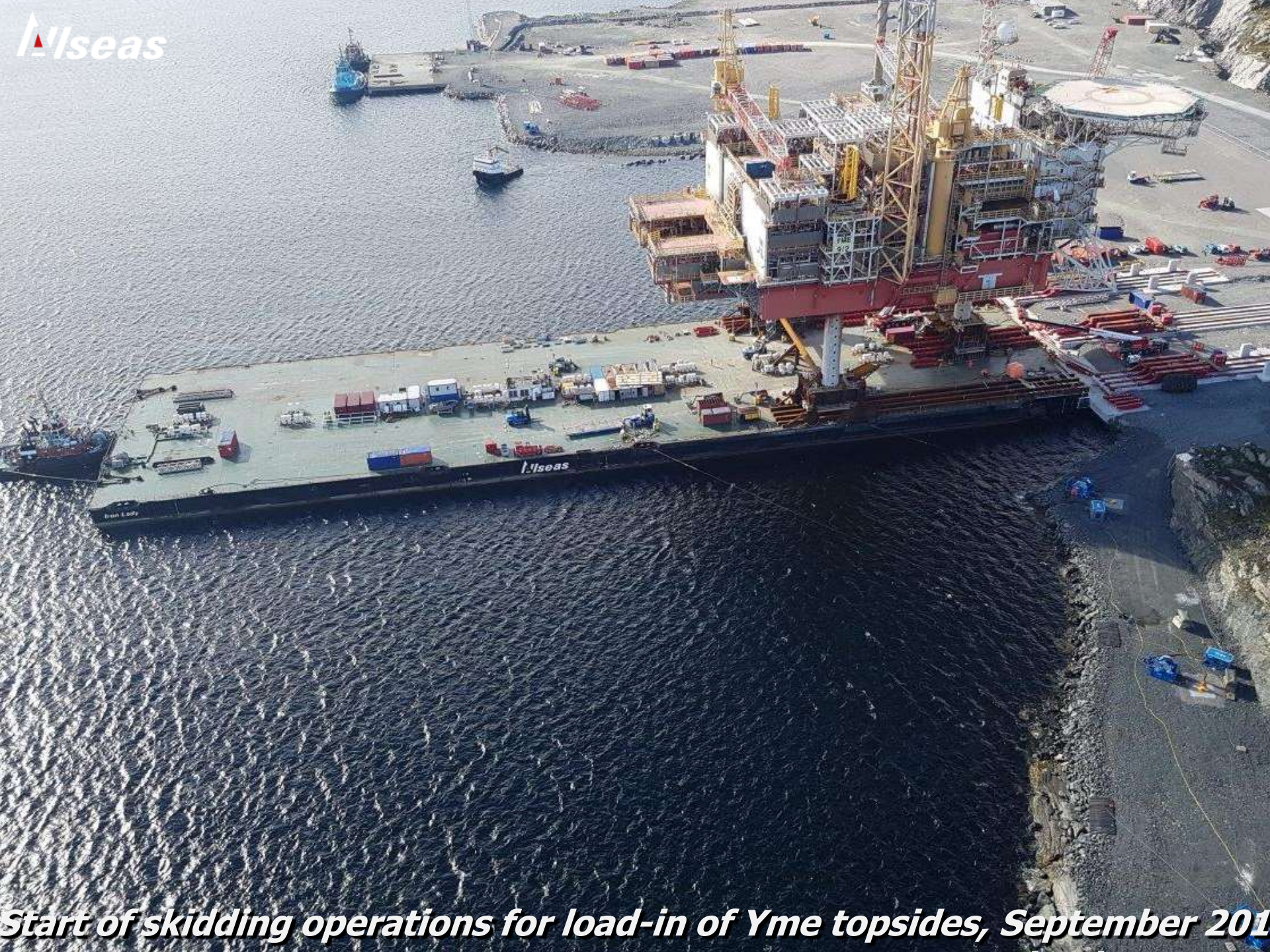
***Pioneering Spirit moving out of the 500 m zone, 22 August 2016  
Yme field, Norwegian sector of the North Sea***



*En route to dismantling yard in Lutelandet, 23 August 2016  
Norwegian sector of the North Sea*



***Mooring Iron Lady in the slot for transfer of Yme topsides,  
September 2016 - Lutelandet, Norway***





***Preparing for the second series of offshore trials, November 2016  
K-13 field in the North Sea***

**Removal of the 24,000 t Shell Brent Delta platform  
North Sea, April 2017**



*Pioneering Spirit in the Brent field, north east of the Shetlands, 27 April 2017*



*"Fast lift" of the Delta topsides, 28 April 2017*





*Moving out from the platform legs, 28 April 2017*



*Transport to the dismantling yard, North East England, 29 April 2017*



*Transfer of Delta topsides to Able UK dismantling yard, 2 May 2017*



*Delta topsides loaded-in to the quay at Able UK, 7 May 2017*