

Removing Large Offshore Platforms in a Single Lift: "Pioneering Spirit"

l'Iseas

51st Annual IPLOCA Convention 28 September 2017 Mexico City

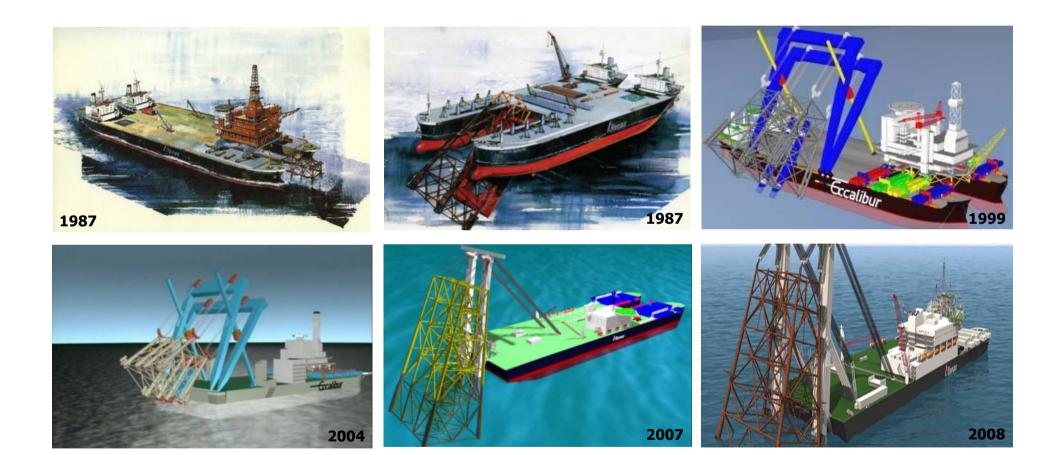






I∕∕Iseas

History of the *Pioneering Spirit* concept





Heavy lift capacities of *Pieter Schelte*

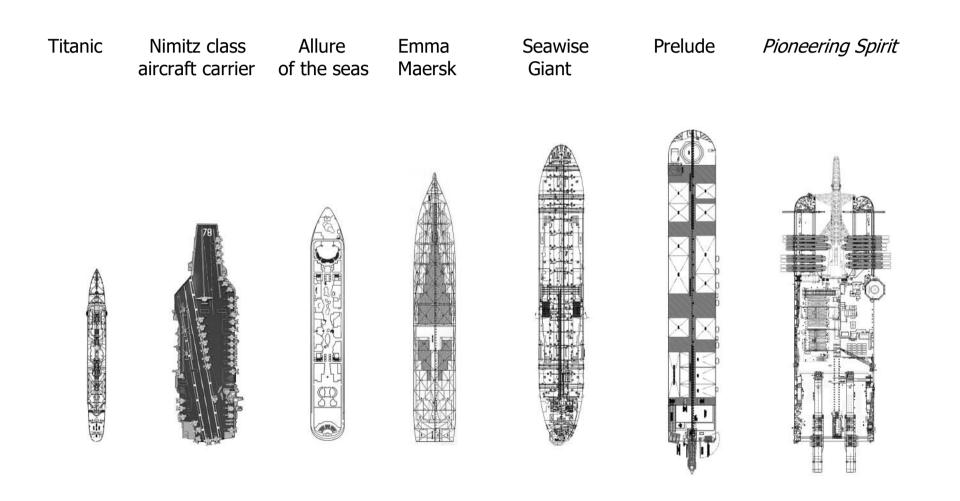
Topsides lifting:	48,000 t
Jacket lifting:	25,000 t

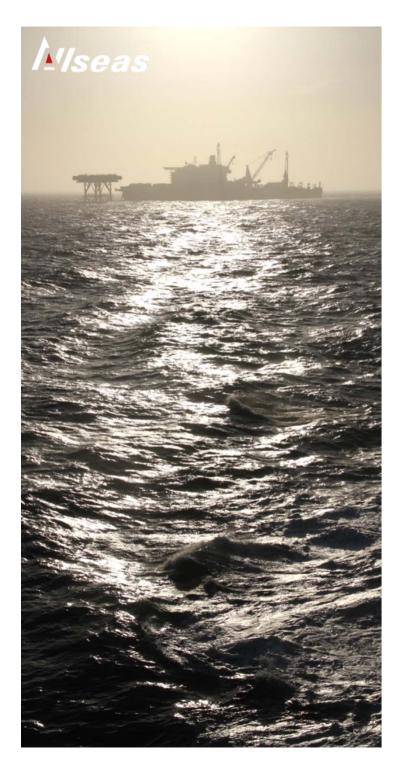
Single-lift installation and removal of

Steel jacket-based platforms, Topsides of gravity based structures, and Topsides of floating platforms, notably SPARs

≜′/seas

Size of *Pioneering Spirit*





Construction of *Pioneering Spirit*







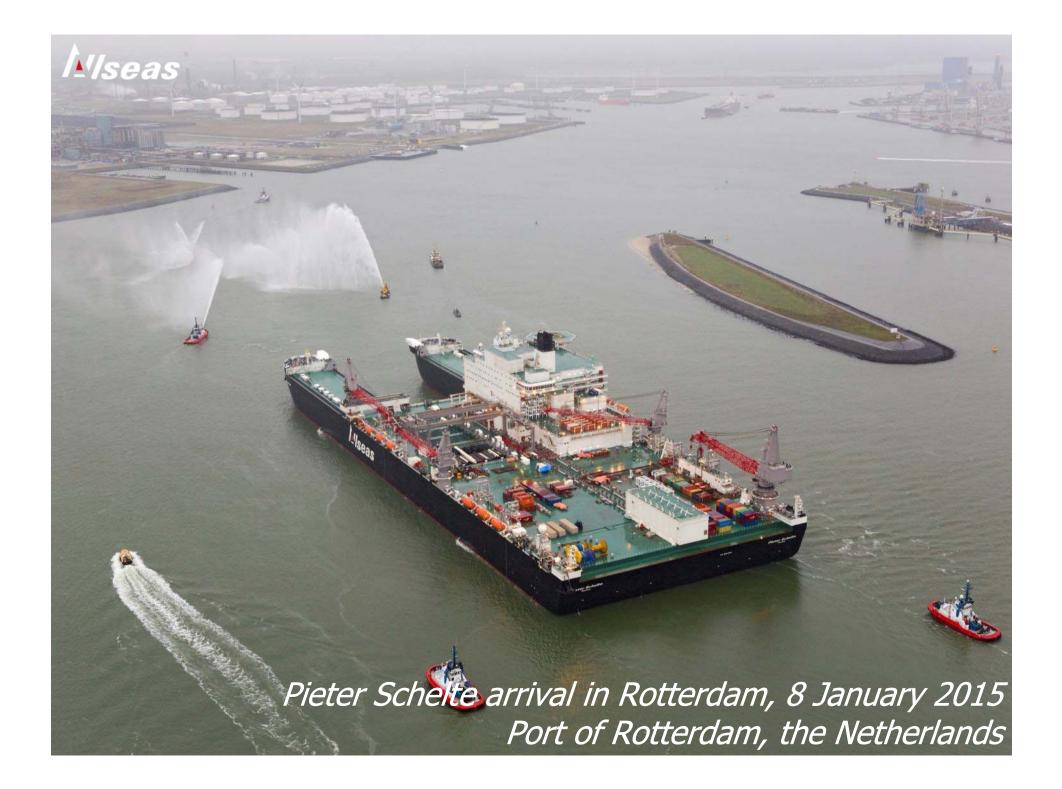


Positioning the portside hull and the starboard hull next to each other, November 2012 Daewoo shipyard, Okpo, South Korea





Pieter Schelte in Cape Town for crew change, December 2014 Cape Town, South Africa



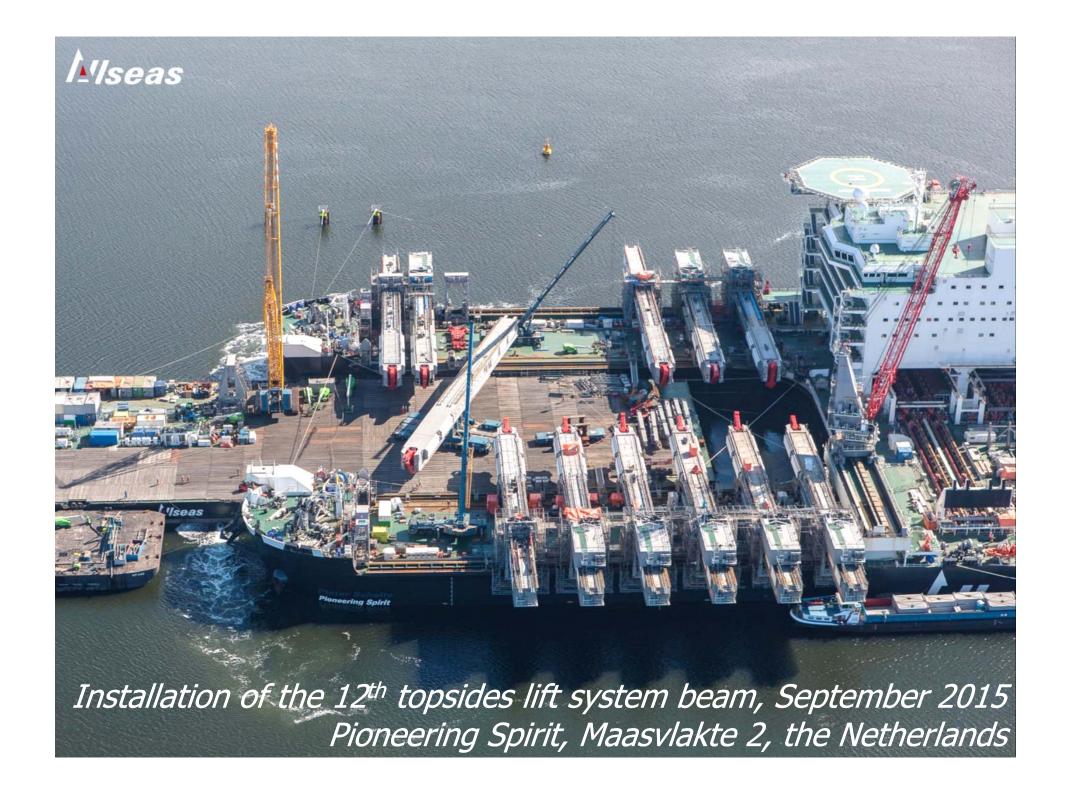
I₄'Iseas





MIseas



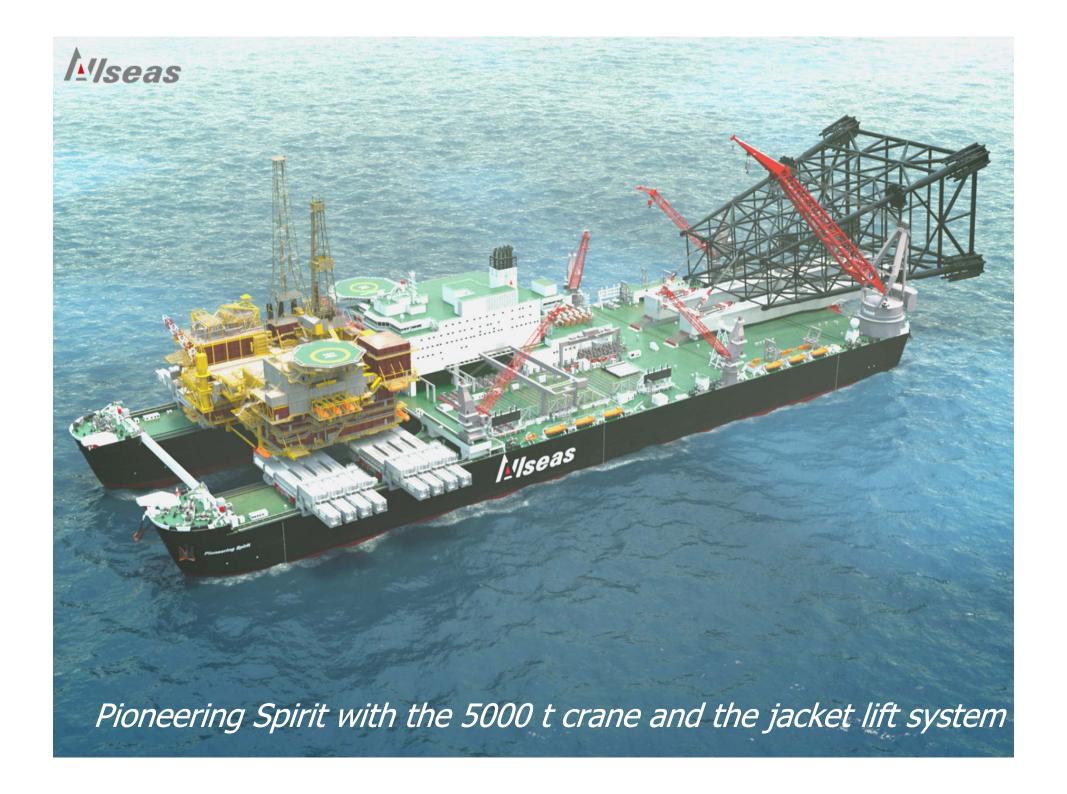


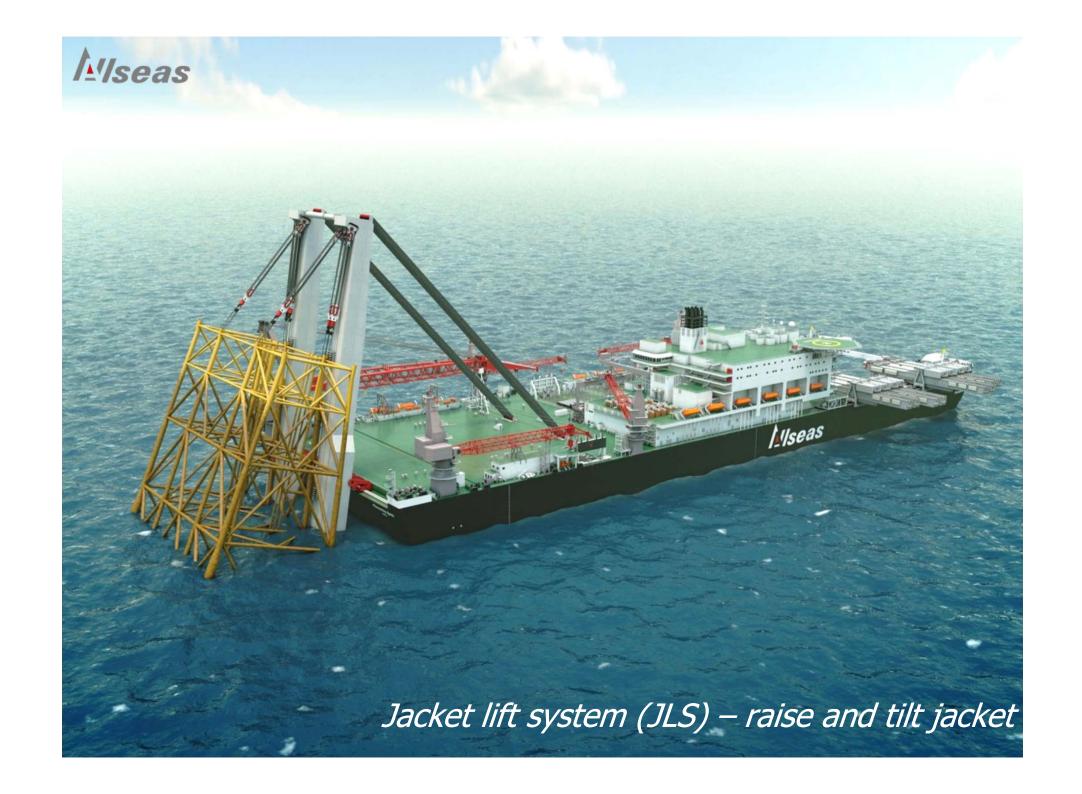
Inauguration of Pioneering Spirit, 27 February 2015 Alexiahaven, Maasvlakte 2, the Netherlands

HI ST

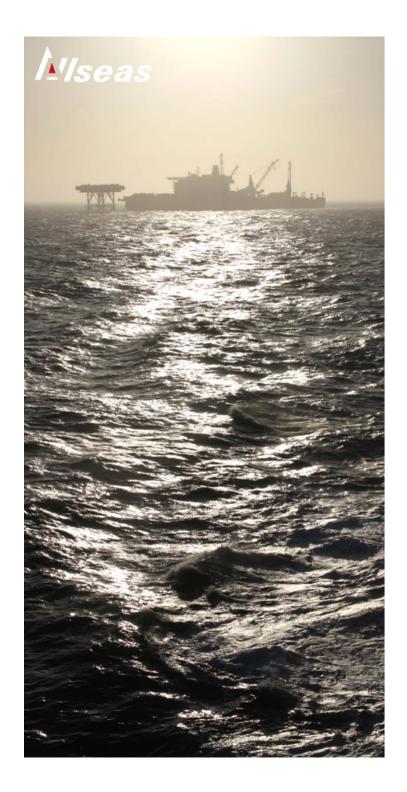
I∕∕Iseas





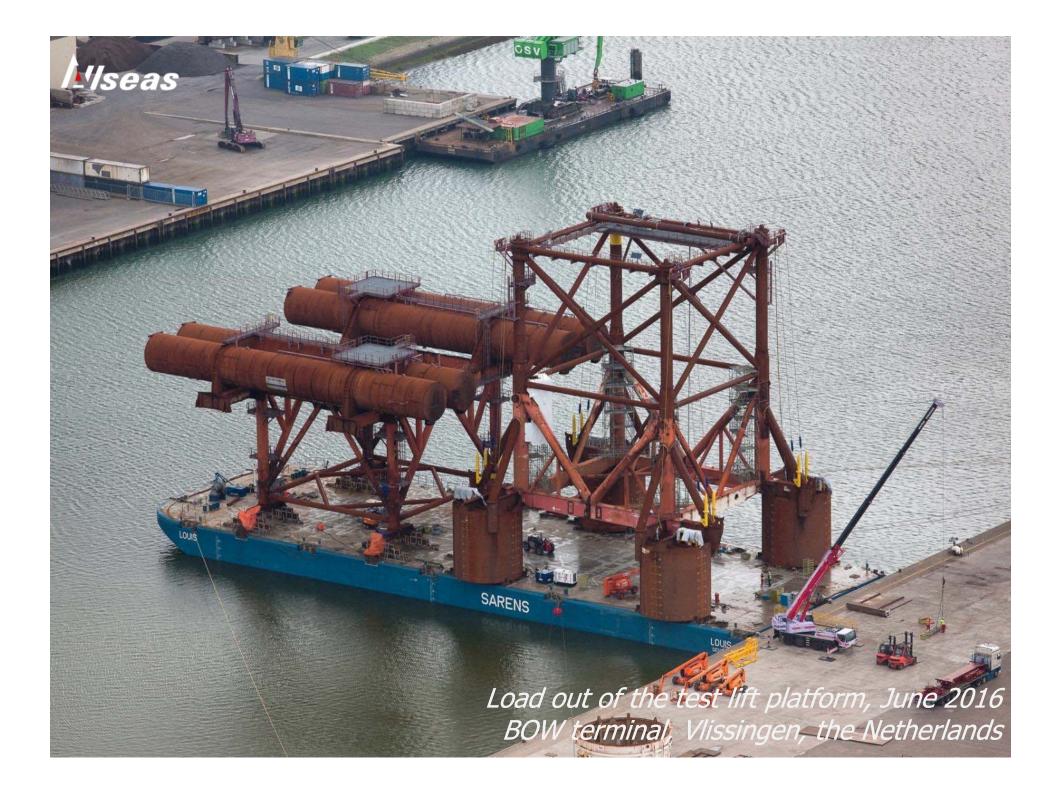






Installation and removal of test platform topsides of 5500 t in the Southern North Sea

August 2016



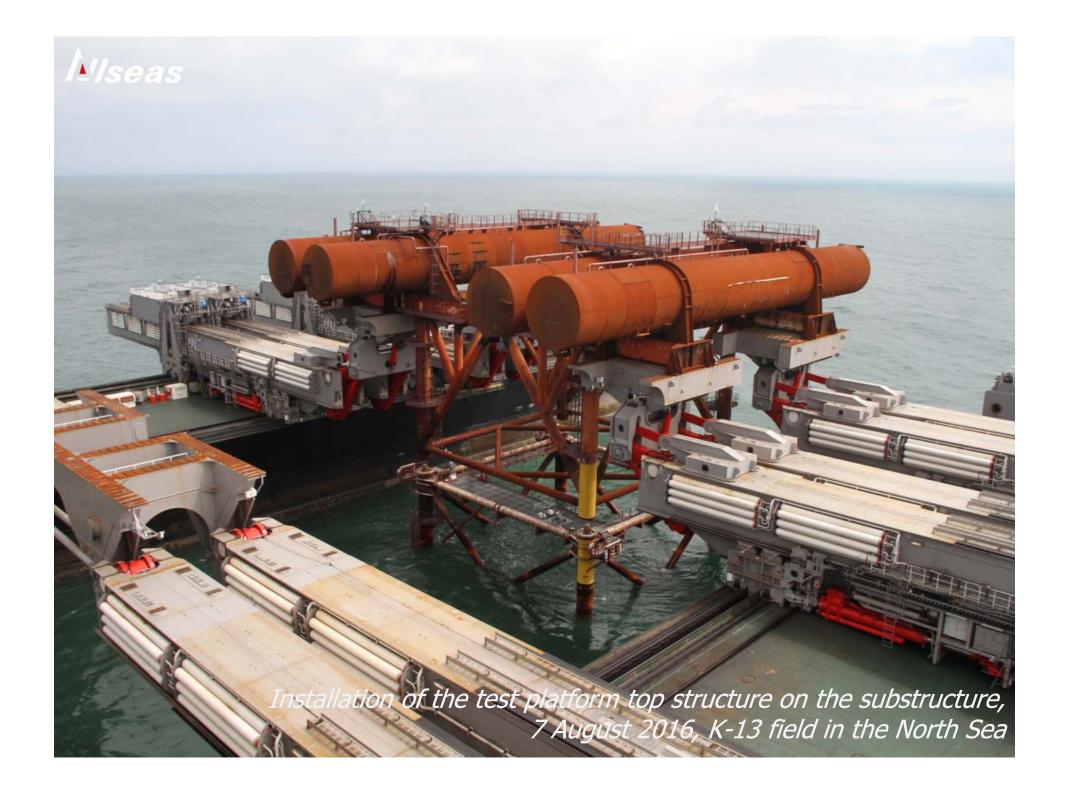
Transfer test platform to *Pioneering Spirit,* August 2016, Alexia haven, *the Netherlands*

Iseas



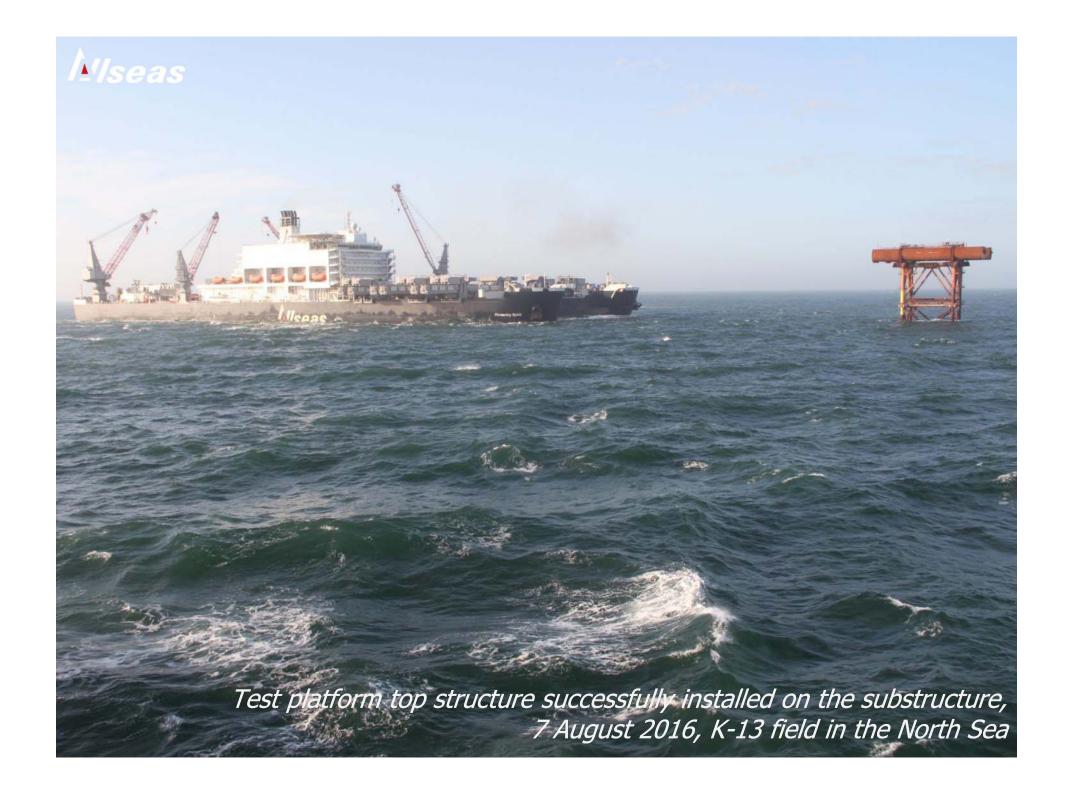
Preparing the test platform substructure for installation of the top structure, 6 August 2016, K-13 field in the North Sea

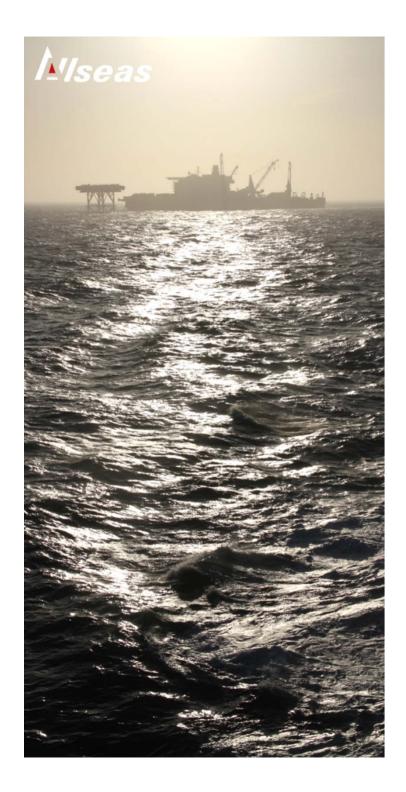
Mseas



Installation of the test platform top structure on the substructure, 7 August 2016, K-13 field in the North Sea

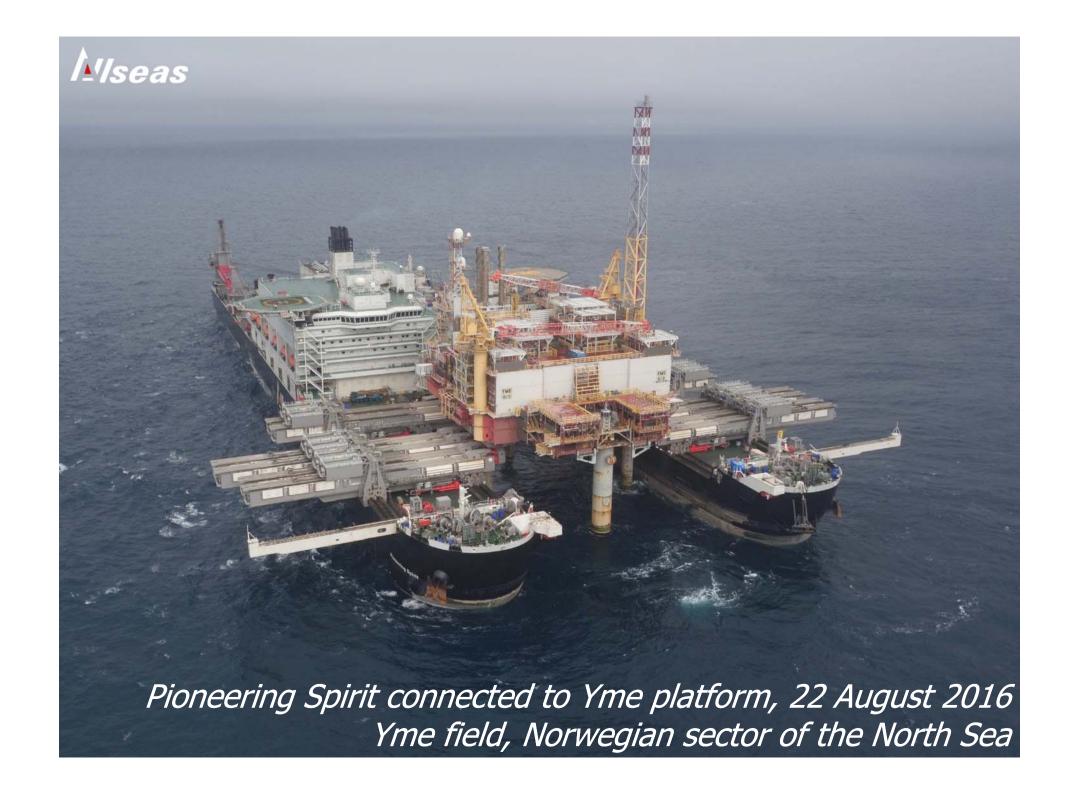
Ise



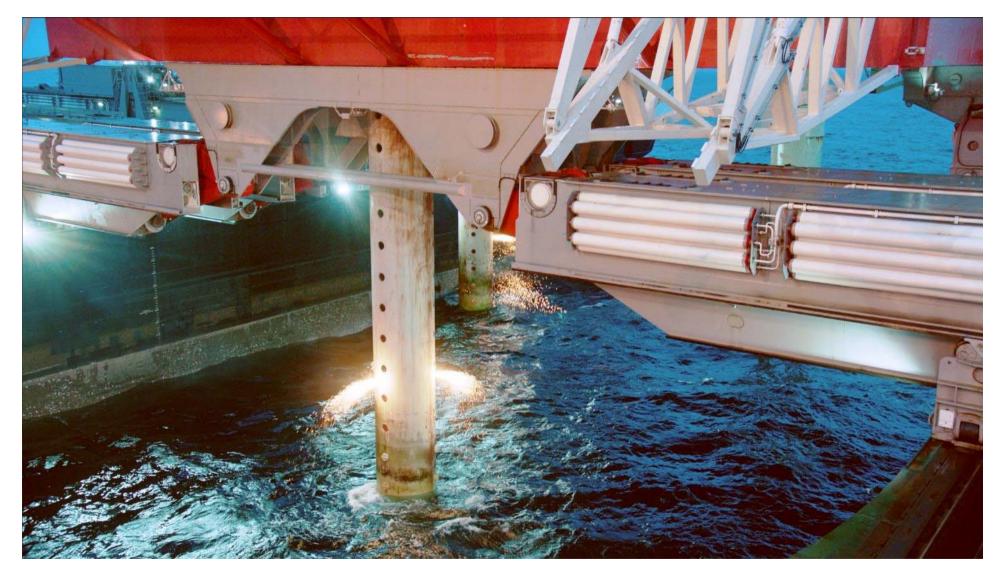


Removal of the 13,500 t Yme platform North Sea, August 2016





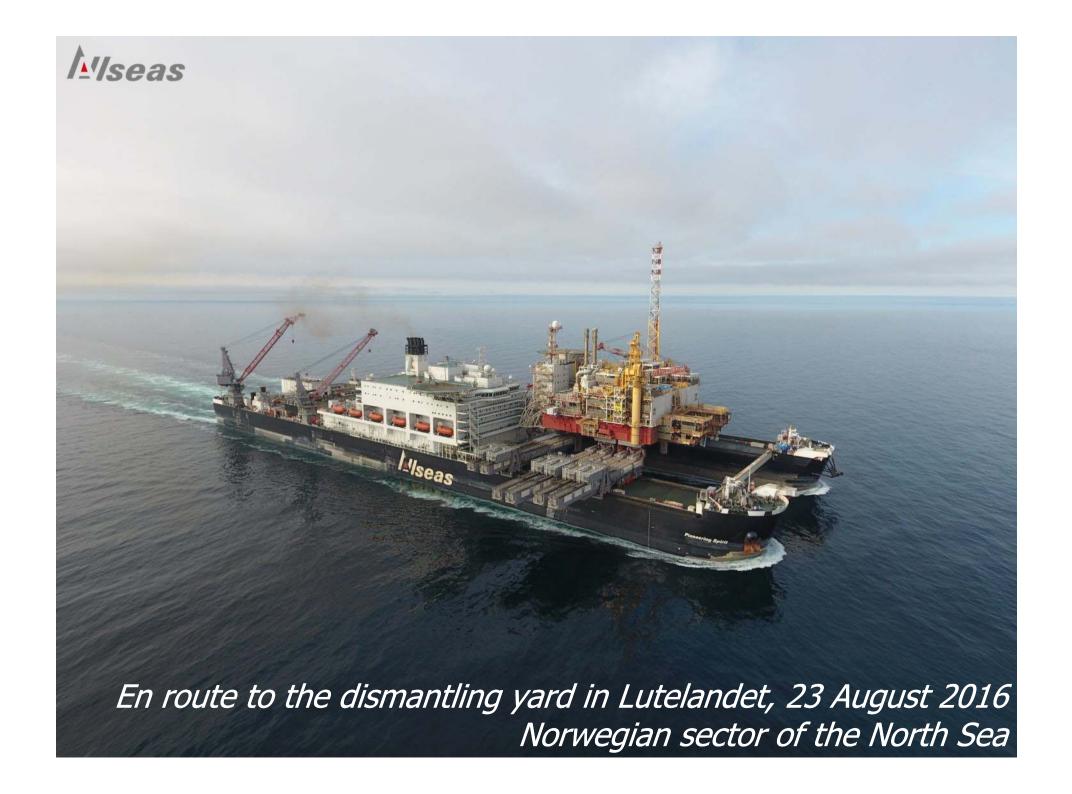
la la seas

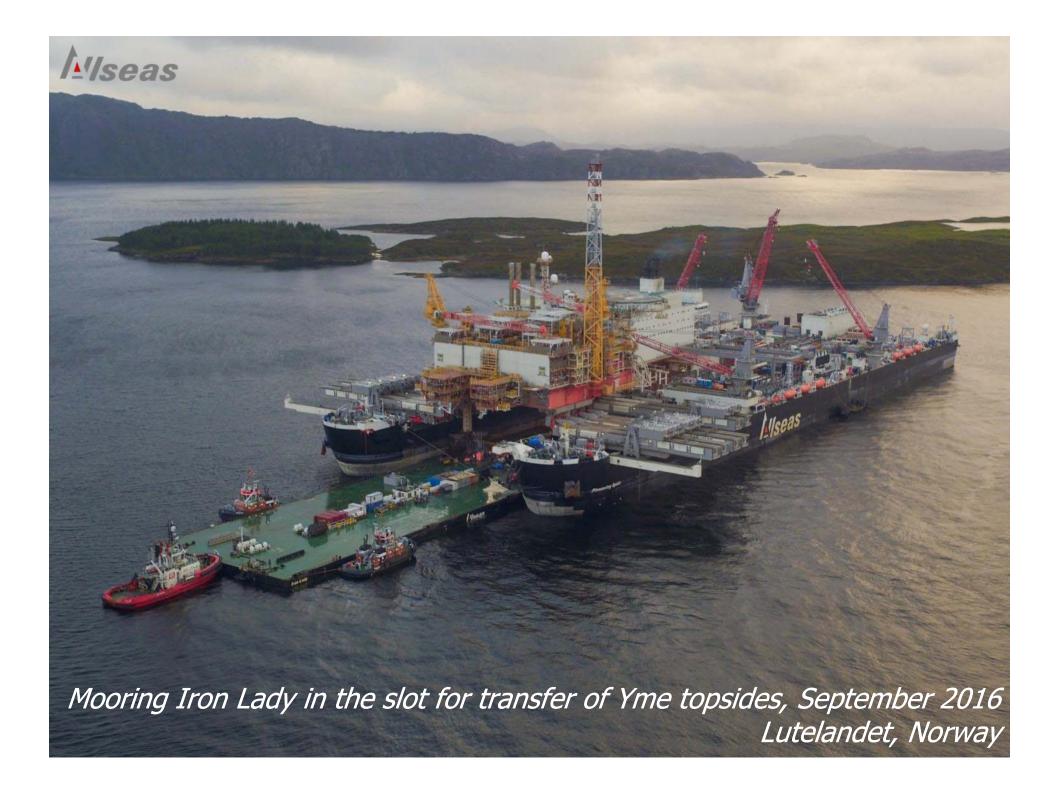


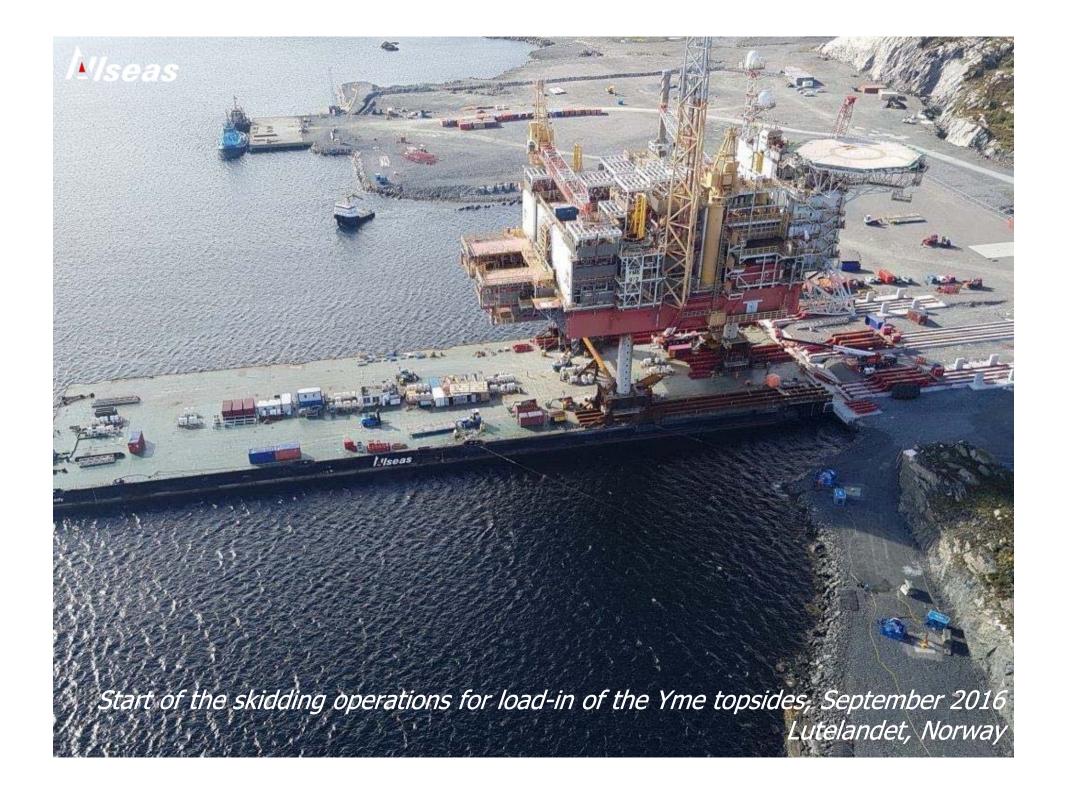
Cutting the three platform legs, 22 August 2016 Yme field, Norwegian sector of the North Sea

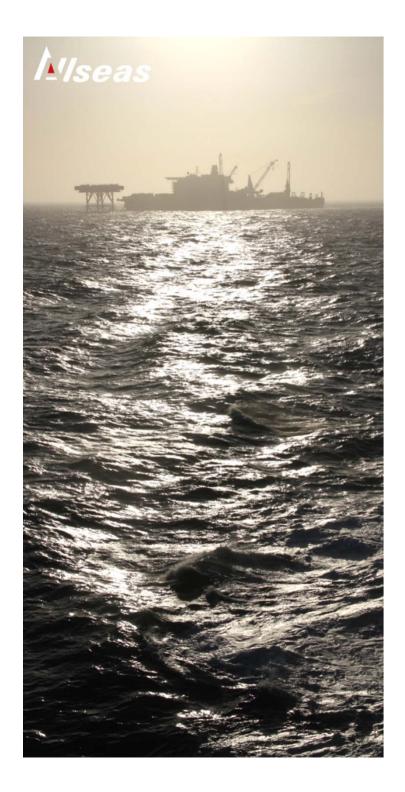










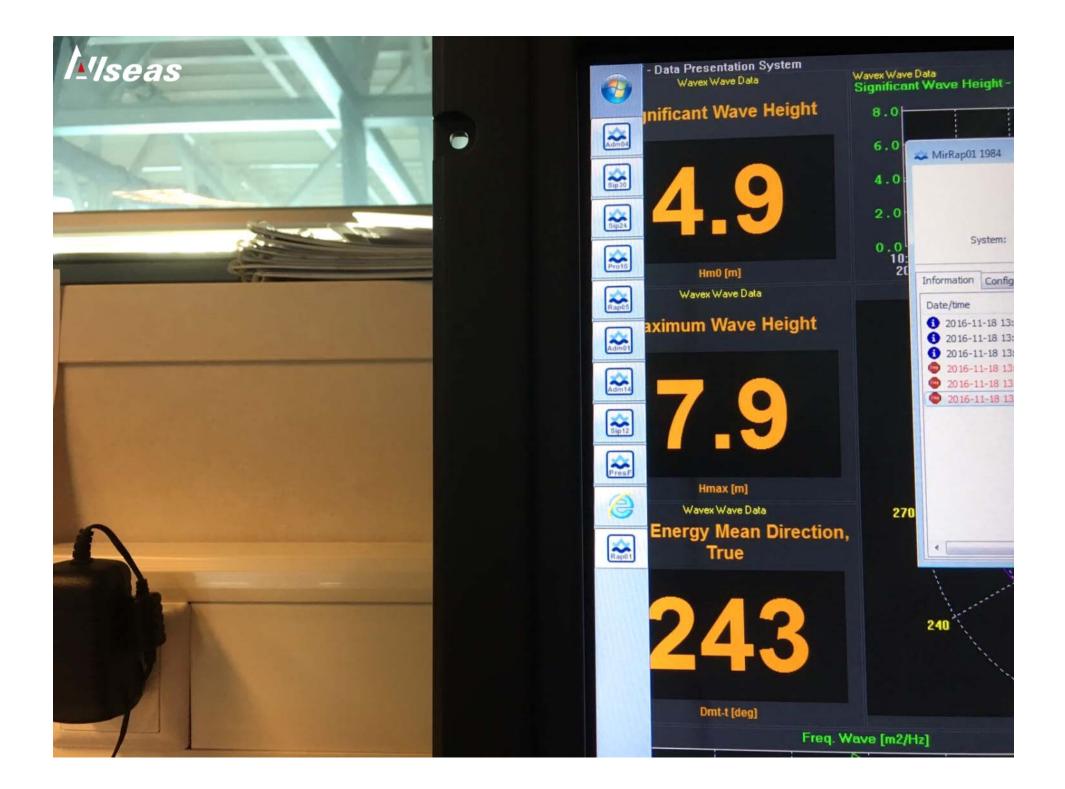


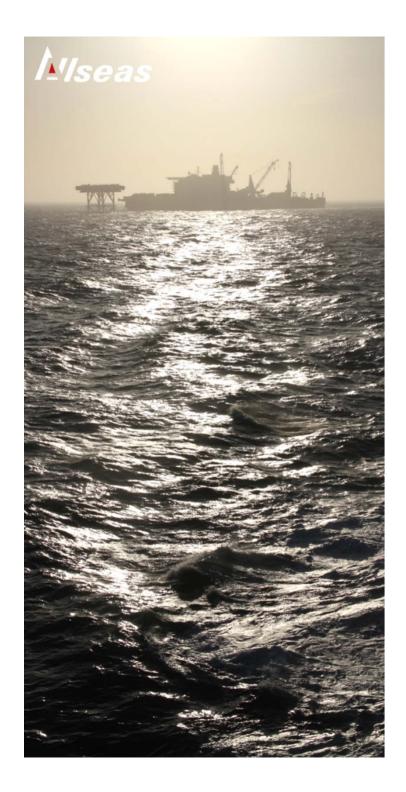
Offshore trials of the topsides lift system North Sea, November 2016

la la seas



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

Shell Brent field removal

Shell Brent Drilling/Production (Brent Alpha, Bravo, Charlie and Delta) Block 211/29 North Sea 140 m 16,000 – 31,000 t 2017-2023



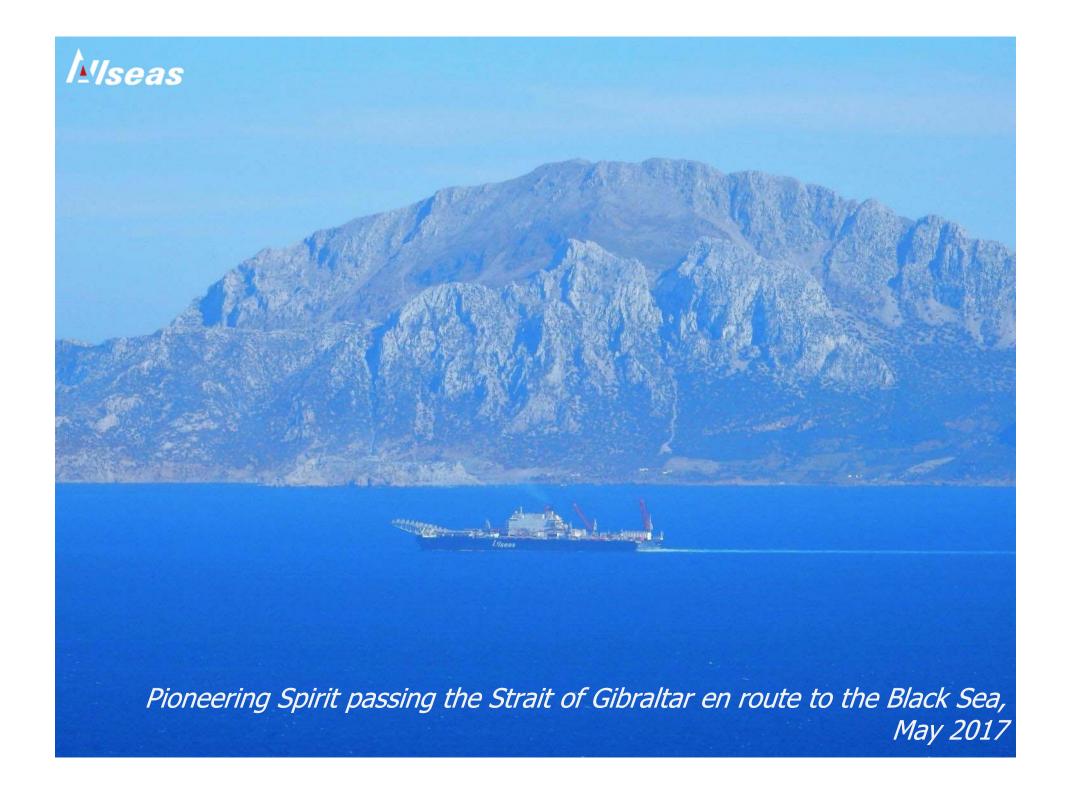
Installation of the first TurkStream pipeline in the Black Sea

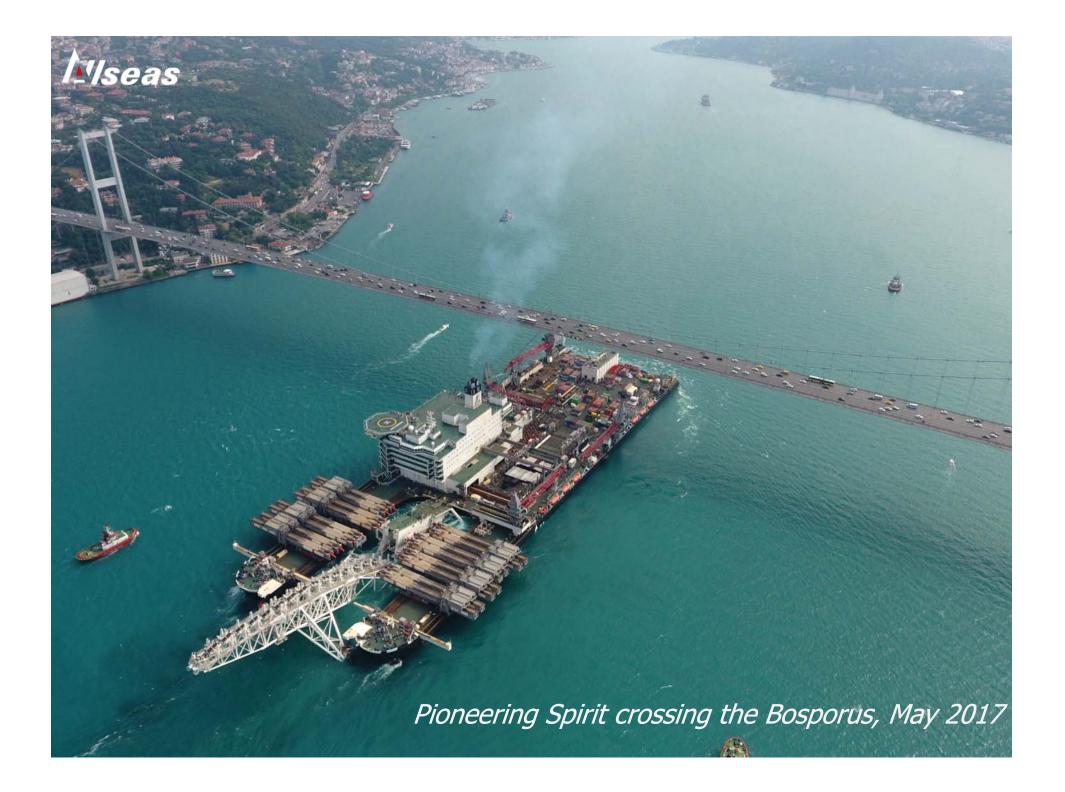
900 km of 32" O.D. pipe with 40 mm wall thickness

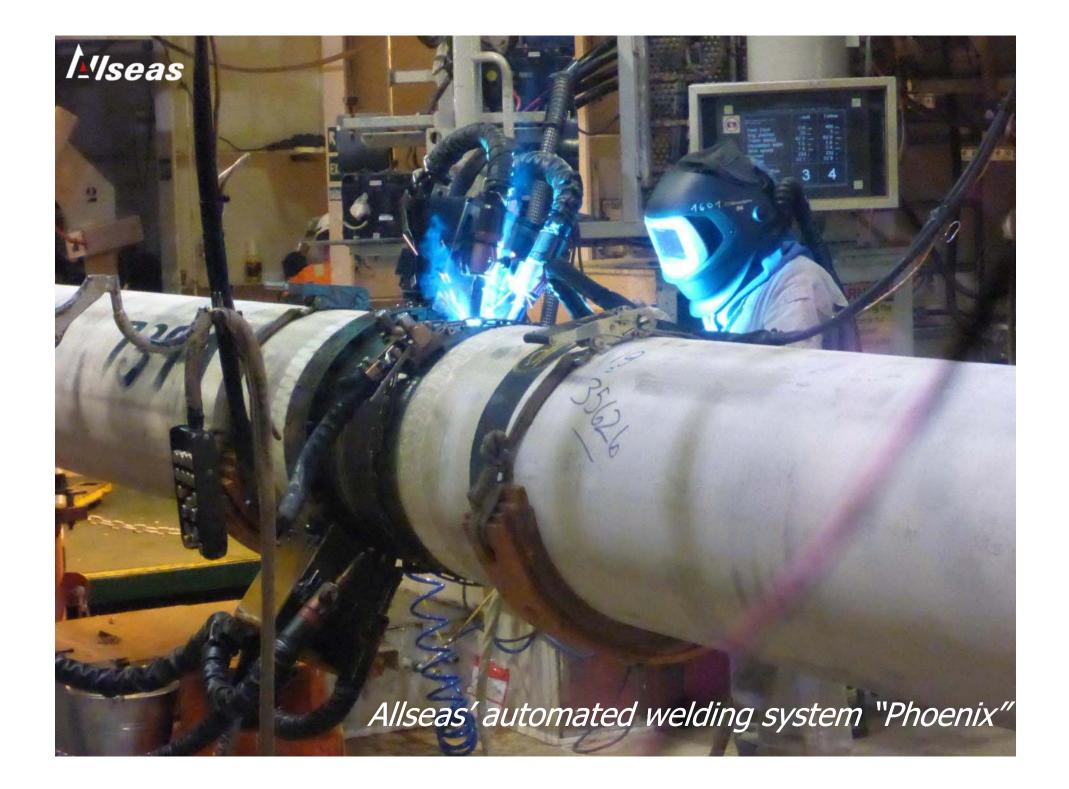
from June 2017 onwards











Triple torch welding in firing line, March 2017 Pioneering Spirit, Maasvlakte 2, the Netherlands

.

I_liseas





