



## Self-Elevating Arctic Drilling and Pipe Lay Vessel

<b>General:</b>	The vessel, which was designed for Frontier Drilling USA Inc., is a self-elevating multipurpose drilling and pipe lay vessel for arctic waters. The main features are the four truss type legs with ice protection sleeves, the skidable drilling cantilever, the pipe laying equipment for rigid reeled pipes and the built-in turret mooring system with a central moon pool.	
<b>Main Particulars:</b>	Length o.a.	190.60 m
	Breadth moulded	44.20 m
	Depth to main deck	15.00 m
	Depth to drill floor	25.00 m
	Draught	8.50 m
	Deadweight at design draught/max. DWT for jacking (approx.)	8,000 t
<b>Capacity:</b>	Drilling envelope over the side of the vessel	Longit. +/- 5.80 m Transv. 3.60 – 19.80 m
	Pipe lay	Two pipe reels (di=21 m/do=30 m) each with a capacity of 2,500 t
	Jacking, max. water depth (10 m sea bed penetration/10 m air gab):	60.00 m
<b>Speed:</b>	Design speed (90 % MCR, 15 % sea margin) (approx.)	11.00 kn
<b>Machinery and Equipment:</b>	Diesel electric Main generator sets	6 gen sets of 4 MW electrical output at 90 % MCR
<b>Miscellaneous:</b>	Classification	Norske Veritas
<b>Scope of Work:</b>	Concept Design, including: General Arrangement Data sheet 3D visualization Preliminary ship-technical calculations	
<b>Ref. No.:</b>	KEH 06014	