



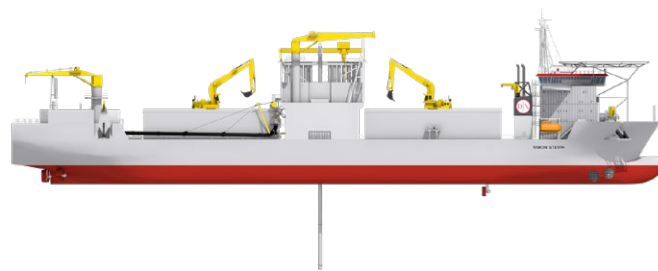
Photographer: Lotvedt (Bergen)



# Simon Stevin.

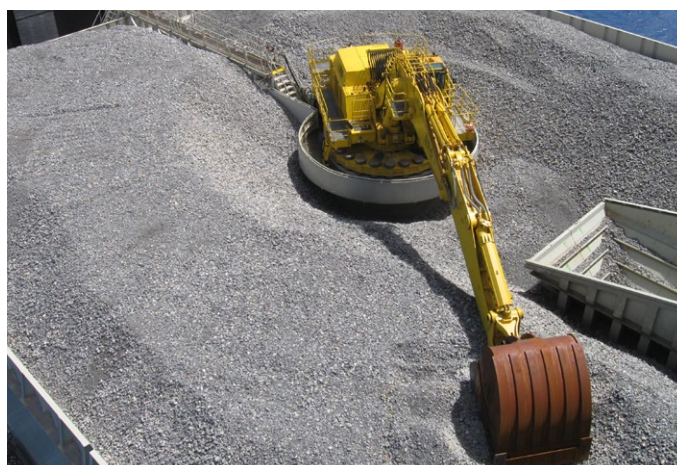
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## DP2 Fall Pipe Rock Installation Vessel

Length o.a.	191.5 m
Breadth	40 m
Draught loaded	9.25 m (at full deadweight)
Dynamic positioning	DYNAPOS AM/AT R Class 2
Propulsion power	4 x 3,350 kW
Bow thruster power	4 x 2,000 kW
Total installed diesel power	24,350 kW
Speed	15.5 kn
Accommodation	70
Rock carrying capacity	31,500 t
Discharge capacity	2,000 t/hour
Fall pipe diameter	1,000 mm
Max. discharge depth	2,000 m
Built in	2010
Excavators	2 x Liebherr 984



With a rock carrying capacity of 31,500 tonnes, this fallpipe rock installation vessel is together with its sister vessel, Joseph Plateau, the largest of its kind in the world and one of the few vessels equipped for rock installation in waterdepths of 2,000 m. Beside the very large operational depth, a unique feature of the vessel's feeding system to the fall pipe is that it is capable to deal with rock size of 400 mm, which is more than any other fall pipe vessel. For shallow water pipeline sections and scour protection alongside offshore platforms where the stability of the rock is defined by seabed currents, this allows to reduce the rock volume and resulting costs.