

# Kenford



Turning complex ideas  
into simple solutions

Construction/Classification		Main data	
<b>Constructed in the Netherlands</b>		<b>Gross tonnage</b>	<b>2172</b>
Year of construction	1990	Length overall	81.8 m
Year of modification	-	Breadth	14.0 m
Class	Bureau Veritas	Moulded depth	6.3 m
Type	Hopper dredger	Draught dredging load line	5.25 m
Service Notations	Unrestricted navigation; Dredging within 8 Miles from shore Dredging over 8 Miles from shore with H.S ≤1.50 m	Deadweight	3500 ton
		Hopper capacity	3000 m <sup>3</sup>
<b>Features</b>  1. Automated system for monitoring dredging operations based on the Teledyne PDS software package  2. Kinematic satellite navigation (Real Time Kinematic)		Suction pipe diameter	800 mm
		Max. dredging depth	25.0 m
		Discharge systems	Pump ashore, rainbow, bottom doors
		Sailing speed loaded	10.0 kn
		Total installed power	4363 kW
		Dredge pump output	950 kW
		Jet pump output	383 kW
		Pump ashore output	2 x 900 kW (1800 kW)
		Propulsion power sailing	2 x 978 kW (1956 kW)
		Fuel type	MGO
Bow thruster power	220 kW		
Accommodation	14 bunks		
Crew	14 persons		

