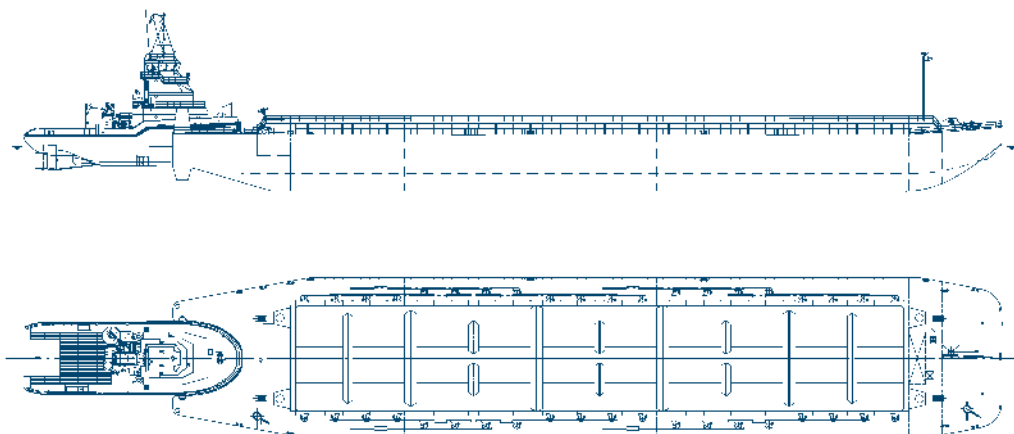




Sand carriers / pushbusters

equipment



Sand carriers		Pushbusters	
Name	101/102/103/104/105/106	Name	Blackbird/Harrier/Buzzard/Kingfisher
Type	Self-unloading hopper barge, propelled by pushbuster	Type	Tug and pushboat
Classification	Bureau Veritas, I ✕ Hull, hopper unit, no propulsion, barge tug combined, unrestricted navigation	Classification	Bureau Veritas, I ✕ Hull ✕ Mach ✕ Aut-UMS Tug-unrestricted navigation
Working area at dredging mark I	Dredging within 15 miles from shore or within 20 miles from port. Dredging over 15 miles from shore with H.S. <= 3.0 m (at draught Td 7.50 m)	Year of construction	2008 / 2009
Working area at dredging mark II	Dredging within 8 miles from shore. Dredging over 8 miles from shore with H.S. <= 2.0 m (at draught Td 7.80 m)	Gross tonnage	627
Year of construction	2008 / 2009 / 2010	Net tonnage	188
Dimensions	Length over all 134.00 m Breadth moulded 26.02 m Depth moulded 9.15 m	Dimensions	Length over all 35.25 m Breadth over all (incl. fenders) 11.84 m Depth moulded 5.25 m
Pushboat-barge combination	Length 158.50 m	W.W.Z. Bollard pull-towing	approx. 62-70 tons
Hopper volume	10,107.880 m ³	Sailing speed	11.6 knots (single tug)
Unloading system	Bottom doors	Total installed diesel power	4,163 kW
Propulsion power	3,650 kW (pushbuster)	Propulsion power	3,650 kW
		Fuel	355.3 m ³
		Fresh water	42.8 m ³
		Anchor handling and towing winch	- anchor handling 100 tons - towing 50 tons

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