



UKD Bluefin is a purpose-designed trailing suction hopper dredger with many advanced features. Special attention has been paid to hull form and dredge-gear layout to enable this vessel to dredge in open-sea conditions while maintaining efficiency. She is fitted with twin suction pipes and pumps, jet pumps and de-gassing gear; underwater overflow is via an adjustable weir and she has the ability to discharge via bottom doors or pump ashore.

All dredging equipment is by IHC incorporating the latest design features, with fully integrated dredge monitoring and control systems. Navigation guidance is by DGPS and dedicated onboard survey computer producing continuous precision position information with digital interfaced dredge area details.

Careful ship design in positioning of suction pipes allows this vessel to access close corners without the need for primary soil displacement. The vessel is equipped with VHF, MF and GMDSS communications, twin radar sets, echo sounder, radio tide gauge receiver and mobile telephone, e-mail and fax links.

SPECIFICATIONS

Built	1997
Builder	Ferguson Shipbuilders
Classification	BV 13/3E Deep Sea Hopper Dredger
Length Overall	98.0 m
Breadth Moulded	18.0 m
Draught Light	4.2 m
Draught Loaded	6.7 m
Gross Tonnage	4171 tonnes
Hopper Capacity	3,900 m ³
Max. Dredge Depth	28.0 m
Main Propulsion	2 x 2,460 kw
Dredge Pump	2 x 600 kw
Jet Pump	2 x 315 kw
Bow Thrust	375 kw



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