



A modern trailing suction hopper dredger designed for use in open sea and estuarial locations, **UKD Marlin** has the ability and manoeuvrability to dredge in confined locations such as enclosed docks. The vessel is equipped with twin suction pipes, swell compensators, de-gassing and drag-head jets. She has the facility to discharge via bottom doors or to pump ashore and is fitted with an underwater overflow via an adjustable weir.

All dredging equipment is manufactured by IHC, and a fully computerised control and monitoring system is installed to ensure efficient operation. Navigation guidance is by DGPS which, together with digital mapping of the dredge area, provides the Master with precision positioning.

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	1993
Builder	Appledore Shipbuilders
Classification	BV 13/3E Hopper Dredger
Length Overall	85.0 m
Breadth Moulded	16.0 m
Draught Light	3.1 m
Draught Loaded	5.6 m
Gross Tonnage	2,692 tonnes
Hopper Capacity	2,968 m ³
Suction Pipes	2 No. 700 mm diameter
Max. Dredge Depth	25.0 m
Main Propulsion	2 x 1,080 kw
Dredge Pump	600 kw
Jet Pump	340 kw
Bow Thrust	305 kw



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UK Dredging
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A self-propelled grab hopper dredger, **Cherry Sand** has recently been modernised with a Pulleman grab crane and equipped with a range of buckets to enable dredging in a wide variety of materials. The hopper well is fitted with a grid to avoid debris being deposited at sea, and discharges via hydraulically operated bottom doors.

The dredging crane is fitted with precise depth-indicating equipment and a computer-controlled safe-working load system to prevent accidental overload conditions.

The vessel is fitted with all usual navigation aids, VHF, MF and mobile telephone, e-mail and fax links.

SPECIFICATIONS

Built	1968, modified 1994 & 1999
Builder	Appledore Shipbuilders
Classification	MSA Grab Hopper Dredger
Length Overall	62.5 m
Breadth Moulded	12.04 m
Draught Light	3.40 m
Draught Loaded	4.02 m
Gross Tonnage	1080 tonnes
Hopper Capacity	765 m ³
Max. Dredge Depth	21.0 m
Main Propulsion	2 x 665 kw
Bucket Sizes	3 cu m heavy digging 5 cu m soft digging



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