



Holyhead Marine

21.5m Multi-Purpose Vessel

The MPV 21.5 is a Multi-purpose vessel designed to meet the varied and demanding requirements encountered when supporting civil engineering and dredging operations.

The vessel is capable of carrying out a number of tasks such as towing, pushing, plough dredging and bed levelling, transporting equipment, transferring fuel and fresh water.

The basic design is very flexible and enables the vessel to be built in a number of configurations to meet with a customers particular operational requirements.

This specification details the MPV 21.5 recently built to Bureau Veritas class I 3/3 (E) "Pontoon Coastal Waters" for Holyhead Towing Co., since when it has been in great demand and has been employed almost continually.

Principal Dimensions

Length OA	10.37m
Beam OA	3.05m
Draught	0.75m
Air Draught	4.10m



21.5m Multi-Purpose Vessel

Propulsion

Main Engines:	Twin Cummins K19M 470 BHP @ 1800 RPM Keel Cooled
Transmission:	Twin Disc MG516 Gearboxes
Propellers:	Four bladed in Kort Nozzles
Maximum Speed:	9 knots
Bollard Pull:	14 tonnes

Tankage

Fuel Capacity:	17,000 litres
FW Water/Ballast:	2 fore, 2 aft total cap. 39,000 litres
Cargo Tanks:	68,000 litres
Grey Water:	200 litres
Hydraulic Oil:	70 litres

Deck Equipment

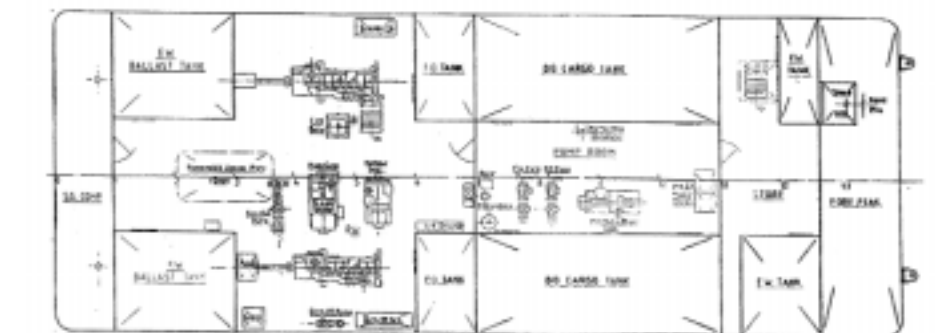
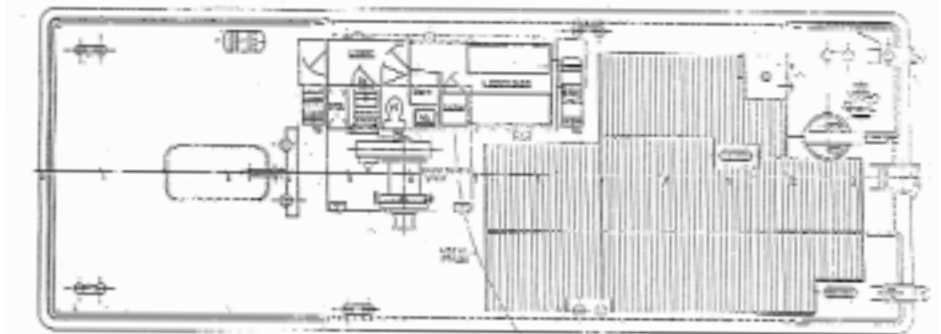
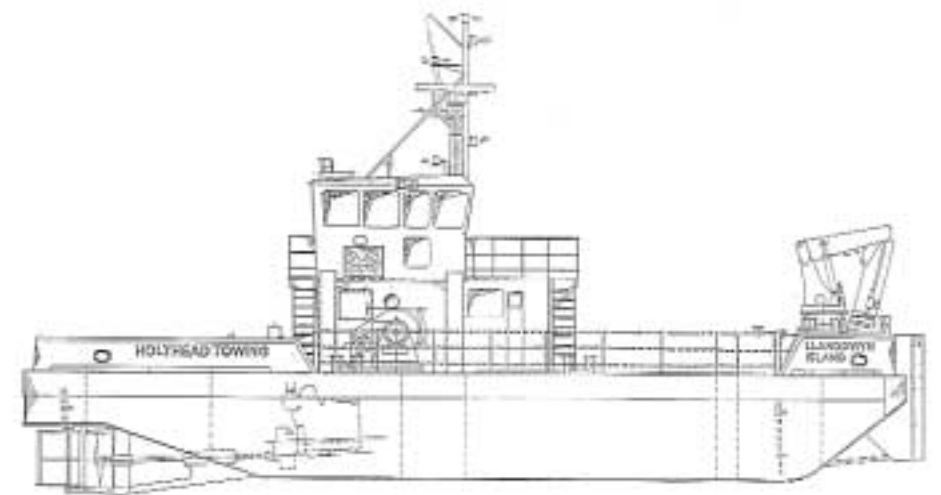
Winch:	30 tonne Hydraulic Anchor Handling
Crane:	44 e/m Hydraulic Effer 44/3s
Towing Hook:	15 tonne Britannia Marine Towing Equipment Quick Release Hook
Misc Equipment:	Large Bow Roller Bow Pushers Hardwood Deck Covering Dutch Style Towing Bitts Hydraulic Windlass 2 x 10 tonne Barge Coupling Winches

Navigation Equipment

GPS Navigator
2 x VHF Radios
Colour Fishfinder
Echo-Sounder
Compass
Robertson AP45 Autopilot
2 x Daylight Viewing Radars
Navtex Receiver

Accommodation & Services

Accommodation:	4 Berths, WC & Shower, Galley & Dinette
Services:	24VDC, 115V & 240 VAC CO ₂ Engine Room Extinguishing Fuel Transfer Pump & System with Deck Control & Reel Mounted Hose Deck Wash Pump 24V & 240V Search Lights Hot & Cold Pressurised FW System Hydraulic power pack



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