

M.T. CELTIC ISLE



4000BHP MULTI PURPOSE TUG

BUILT: May 1986

Imamura Shipbuilding Co. Ltd, Kure, Japan.

CLASSIFICATION: Lloyds Register 100A1 Tug

FLAG: Irish

CALL SIGN: EI 6248

OFFICIAL NO: 403498

DIMENSIONS:

Length Overall 34.2M **Draft Moulded** 4.778M **Beam Moulded** 10.5M
GRT 411T **Depth Moulded** 5.278M **NRT** 123T

MACHINERY

Main Engine 2 x Yanmar Z280A-ET, total 4000BHP at 750RPM, driving fixed pitch Kaplan propellers in 360 azimuthing DP-55 Duckpellor units with continuously rated trolling clutches.

Generators 2 X 100KW, 385V, 50Hz Alternators driven by Yanmar 6HAL-TN diesel engines. 1 x 6KW 220V 50 Hz harbour generator.

SPEED AND CONSUMPTION

Max Speed 13.3 Knots at 110% MCR **Service Speed** 13.1 Knots at 100 % MCR **Consumption** About 13.5m tons/day at 100% MCR

TOWING AND ANCHOR HANDLING

Bollard Pull Lloyds Cert. 53.6T Steady Bollard Pull at 100% MCR. 56T Maximum Bollard Pull at 100% MCR.

Main Tow Winch Nitchitsu double drum waterfall, electro-hydraulic driven winch. Both drums 50/15Tx 5/15 m/min, Brake capacity 100T. Wire capacity 700M x 48mm wire each drum. Spooling gear on upper drum. Operation at winch side and wheelhouse remote.

Forward Tow Winch Electro-hydraulic driven winch 2/1Tx 25/26 m/min. Brake capacity 60T. Operation at winch side and wheelhouse remote. Fitted with 110M of 96mm diameter supermix rope.

DECK MACHINERY

Windlass 2 x Electro-hydraulic 4T at 10m/min windlasses with 2 x 660Kg anchors each with 220m x 26mm chain.

Tugger Winch 5 tons x 15m/min capacity 200m x 22mm wire rope.

CAPACITIES

Deck Cargo 80T **Potable Water** 45 Cubic M. **Clear Deck Space** 8.25m x 6.25m **F.W./Ballast** 80 Cubic M.
Deadweight 386T **Refrigerated** 1091 litre **Fuel** 211 Cubic M. **Storage** 1640 litre

ACCOMMODATION

Officers 4 x Single Berth **Crew** 4 x 2 Berth **Total** 12 Berths (All Accommodation fully air-conditioned)

COMMUNICATION AND ELECTRONICS

GMDSS Communication Furuno compact GMDSS station comprising FM8500 VHF/DSC Watch Receiver, FS1562-15 MF/HF Radiotelephone, DSC-6/AA-50 MF/HF DSC Watch Receiver, Sailor R501 2182kHz, Watchkeeping receiver, DP5 Telex, Felcom 11 Inmarsat - C.

Inmarsat - C IMN Number 425010940

S/N of Felcom 11 25730575

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TELEX Answerback CELT

VHF Radio Furuno FM8500 (Hague Plan) with handsets in forward and aft consoles, Navico Axis SRH250 with handsets in forward and aft consoles.

SAT NAV Furuno FSN-80 transit type with log and gyro interface.

GPS Navigator Furuno Type GP-70 with log and gyro interface.

Chart Plotter Raytheon Raychart 530

Main Radars Furuno FR1012-3, 10" x 72 miles gyro stabilised with V.R.M.

Auxiliary Furuno FR 711-27, 7" x 72 miles

Echo Sounder Furuno FE680T-2 with remote digital display on forward console.

Auto Pilot Tokyo Keiki gylot type PR-2503-E with Tokyo Keiki 2G-500 gyro compass, and 2 bridge wing repeaters.

SAFETY

Fire Fighting Centrifugal pump driven by an independent GM diesel engine. Capacity 700 Cubic M/hr. 2 x water/foam fire monitors each rated 6000l/min. Two air foam tanks totalling 23 Cubic Mf.

Rescue 6 man inflatable workboat with outboard engine.

OWNERS

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