



CELTIC TUGS LTD.
THE MAINPORT GROUP

M.T. CELTIC ISLE 1 | 2



M.T. CELTIC ISLE | 4000BHP MULTI PURPOSE TUG

BUILT: MAY 1986 | IMAMURA SHIPBUILDING CO. LTD, KURE, JAPAN | CLASSIFICATION: LLOUYDS REGISTER 100A1 TUG

FLAG: IRISH | CALL SIGN: EI6248 | OFFICIAL NO: 403498

DIMENSIONS:

Length overall:	34.2 m
Draft Moulded:	4.778 m
Beam Moulded.:	10.5 m
GRT:	411 T
Depth Moulded:	5.278 m
NRT.:	123 T

CAPACITIES

Deck Cargo:	80 T
Potable Water:	45 Cubic M.
ClearDeck Space:	8.25 m x 6.2 5m
F.W./Ballast:	80 Cubic M.
Deadweight:	386 T
Refrigerated:	1091 litre
Fuel:	211 Cubic M.
Storage:	1640 litre

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

ACCOMMODATION:

Officers:	4 x Single Berth
Crew:	4 x 2 Berth
Total:	12 Berth (All Accomodation fully air-conditioned)

DECK MACHINERY

DECK Windlass:	2 x Electro-hydraulic 4Tat 10 m/min windlasses with 2 x 660Kg anchors each with 220 m x 26 mm chain.
Tugger Winch:	5 tons x 15m/min capacity 200 m x 22 mm wire rope

TOWING AND ANCHOR HANDLING:

Bollard Pull:	Yanmar Z280A-ET, total 4000BHPat 750RPM, driving fixed pitch Kaplan propellers in 360 azimuthing DP-55 Duckpellow units with continuously rated trolling clutches.
Generator:	2 X 100 KW, 385 V, 50 Hz Alternators driven by Yanmar 6HAL-TN diesel engines. 1 x 6KW220V50 Hz harbour generator

MACHINERY:

Main Engine:	Lloyds Cert. 53.6 T Steady Bollard Pull at 100% MCR. 56TMaximum Bollard Pull at 100% MCR.
Main Tow Winch:	2 X 100 KW, 385 V, 50 Hz Alternators driven by Yanmar 6HAL-TN diesel engines. 1 x 6 KW 220 V 50 Hz harbour generator Nitchitsu double drum waterfall, electro-hydraulic driven winch. Both drums 50/15Tx 5/15 m/min, Brake capacity 100 T. 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 110 M of 96 mm diameter supermix rope.



CELTIC TUGS LTD.
THE MAINPORT GROUP

M.T. CELTIC ISLE 2 | 2

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.
VHFRadio:	Furuno FM8500 (Hague Plan) with handsets in forward and aft consoles, Navico Axis SRH250 with handsets in forward and aft consoles.v
Inmarstat -C IMN Number:	425010940
S/N of Felcom 11:	25730575
Mobile Phone:	+ 353 87 2674589 , + 353 86 8091403
FAX:	+ 353 87 2010189
TELEX Answerback:	CELT
Chart Plotter:	Raytheon Raychart 530
SAT NAV:	Furuno FSN-80 transit type with log and gyro interface.
Auxillary:	Furuno FR 711-27, 7" x 72 miles
GPS Navigator:	Furuno Type GP-70 with log and gyro interface.
Main Radars:	Furuno FR1012-3, 10" x 72 miles gyro stabilised with V.R.M.
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.