

Engage Vanquish

Principal Particulars

Class Notion:	LR X100A1 Tug, IWS, Coastal Service, XLMC, UMS
IMO Number:	9320817
Call Sign / MMSI:	9MWM3 / 533001020
Delivery Date:	May 2005
Flag:	Australia
Port of Registry:	Dampier
Ship Builder:	ASL Shipyard Pte Ltd, Singapore

Dimensions

Length Overall:	27.70 m
Breadth (Moulded):	11.20 m
Draft:	5.80 m
GRT / NRT:	343 / 102

Performance

Bollard Pull (Ahead):	63.3 ton
Bollard Pull (Astern):	65.5 ton
Speed Ahead (Maximum):	12 knots

Fire Fighting

Fire Fighting Class:	-
Fire Fighting Pumps:	1 x 1200 m ³ / hrs
Monitors (Water Mode):	Foam + Water Spray

Engine And Propulsion System

Main Engines:	3 x NIIGATA 6L25HX
Total Power:	3969 kW (5401 BHP)
Auxiliary Engines Genset:	2 x 120 kW CUMMINS 6 CTA 8.3 D(M)
Thrusters:	3 x Z-Drive NIIGATA ZP-21 FP

Accommodation

Total POB:	6
Single Cabins:	2
Double Cabins:	2

Life Saving Equipment

1 x AED, 1 x EPIRB, 1 x SART, 1 x Line Throwing Apparatus, 2 x 10 Life Rafts, 8 x Life Jackets, 6 x Immersion Suits and 4 x Life Buoys available.



Tank Capacity

Fuel:	131.28 m ³ (MGO)
Ballast:	48.5 m ³
Fresh Water:	44.2 m ³
Dirty Oil:	5.1 m ³
Hydraulic Oil:	1.7 m ³
Lub Oil:	2.2 m ³
Sewage:	5.1 m ³
Foam Tank:	6.0 m ³

Deck Equipment

FWD Winch:	PLIMSOLL, PC-HTW / SD-30 / 150, Single Drum
FWD Winch Brake:	150 ton
FWD Winch Pull:	30 ton 1e Layer
FWD Winch Drum Cap:	200 m / Dia 48 mm Synthetic 10 m / Dia 120 mm Synthetic
AFT Winch:	PLIMSOLL, PC-HTW / SD-30 / 150, Double Drum
AFT Winch Brake:	150 ton
AFT Winch Pull:	30 ton 1e Layer
AFT Winch Drum Cap:	2200 m / Dia 48 mm Synthetic 10 m / Dia 120 mm Synthetic
Fendering:	All Around

Nautical and Communication Equipment

Area:	GMDSS A1
Magnetic Compass:	Cassens + Plath
AIS:	Furuno FA-100
GPS:	Furuno GP-90
NR of Radar System:	Furuno FR-7062 / Furuno FR-7112
Echo Sounder:	Furuno FCV-600L
Autopilot:	Anschutz NP 60
VHF Handheld GMDSS:	2 x Mcurdo R2
VHF DSC Watch Receiver:	2 x Furuno FM-8500
AIS/LRIT:	Furuno / FA-150
Navtex:	Furuno NX-500
SART:	MCMURDO S3 SART
EPIRB:	Sailor SE406-II
Bridge Navigation:	Marble 421
Alarm System:	-

