

ASD Tug Boat Engage Challenger

General

Built:	Keppel Nantong Shipyard
Date Built:	2010
Classification:	DNC-GL, 100 A5 Tug MC, (Fire Fighting Capability) DCV 2B
IMO:	9501394
Flag:	Australian
Trading Area:	Within 200 nm
Call Sign:	9V8590

Dimensions

Length Overall:	27.9 m
Beam:	9 m
Depth Moulded:	4.7 m
Design Draft:	3.8 m
GRT:	246 T
Dead Weight:	73 T

Communications Equipment

Radar System:	1x Furuno 36 Mile Range
Depth Sounder:	1x Furuno GP14650WF
GPS:	1x Furuno DGPS
Compass:	1x Daiki Keiki
Chart Plotter:	1 x Maxsea
AIS:	1 x Maxsea
HF Radio:	1 x Furuno
VHF Radio:	1 x Furuno
Searchlight:	2 x Dan Haan

Machinery

Propulsion:	ASD
Main Engines:	2 x Niigata 6L (MG) 25HX
Total Power (kW):	2 x 1323 kW
Gear Box:	2 x Niigata ZP21 Pod
Generator:	2 x Cummins 6CT 8.3 DM 180 kW

Speed And Consumption

Full Operating:	13 kts @ 335L/hr Economic
Operating:	10 kts @ 235L
HR in Port:	150L/Day (24 hr)
Bollard Pull:	50T

Accommodation

Berths Including Crew:	8
Features:	Fully Air-Conditioned, Galley/Mess & Sanitary Facilities

Miscellaneous Equipment

Fire Monitors With Foam Dispersant Nozzles Foam
5.6 m³ & DISP 5.6 m³





Capacities

Fuel:	113 m ³
Water:	34 m ³
Sullage:	1.5 m ³
Water Ballast:	30 m ³
Lube Oil:	1.25 m ³
Dirty Oil:	2.88 m ³
Bilge Water:	6 m ³

Cargo Discharge Pump

Fuel Cargo:	14 m ³ /hr
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Deck Equipment

Work Winch:	100 T
Anchor Handling Winch:	AFT 20 T
Tow Hook:	45 T