

ASD Tug Boat Engage Crusader

General Description

Year of Build:	June 1986
Built in:	Fremantle, Western Australia
Home Port:	Dampier
Length:	33.56 m
Breadth:	11.12 m
Depth:	5.52 m
Gross/Net Tonnage:	484 / 146 t
Bollard Pull:	50 t
Closed Stern:	Stern



Main Machinery

Make:	2 x Daihatsu 6DSM28 Diesel Engines
Brake Horse Power @ rpm:	2648 kW @ 720 rpm
Normal rpm:	720 rpm
Speed / Fuel Consumption:	10 knots at 7m ³ / day
Propulsion:	Niigata - ZP-3B Z-Pella Pods



Auxiliary Machinery

Generators / Alternators:	Two (2)
Generator Engines:	Cummins NT-855-G2
Alternator Make / Type:	Marathon Electric 440FDR 8185GGW
Output:	150 kW at 415 volts each
Total Running Hours:	No. 1 - 15,097 hours
Total Running Hours:	No. 2 - 16,392 hours
Fuel Purifier:	ALFA LAVAL - MAB104B-24/4108-5)
Sewage Treatment Plant:	Yes, Taiyo Kikai - SBT25 (1.5 m ³ / day)

Deck Machinery

- Hagglunds Towing Winch
- ESSEL 236 Towing Hook, 50T SWL Quick Release
- Anchor Winch, with 2 x 708 Anchors