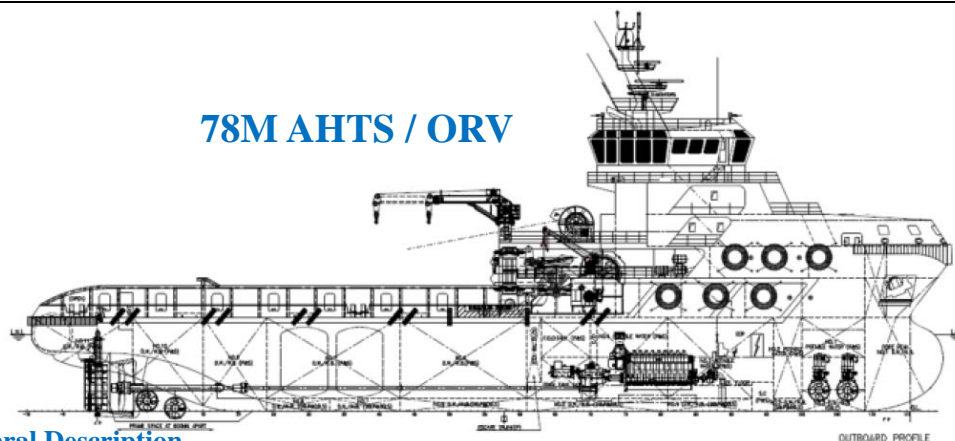


JANTLE MARINE

78M AHTS / ORV



General Description

The vessel is to be all welded steel construction with twin diesel engines, twin CP propellers. Vessel design complies with DP2, SPS Code 2008, MLC 2006, registered as unrestricted service with duties of Transportation of deck cargo, personnel and consumables – F.W. & F.O. & bulk cement, liquid mud, drill water, brine, general materials, equipments etc to offshore from shore base, External fire-fighting, Rescue, Offshore platform towing / pushing, Anchor handing and Spilled oil recovery.

Principal Particulars

Length overall	: 78.00M
Length BP	: 69.30M
Beam moulded	: 18.00M
Depth moulded	: 8.00M
Draft designed	: 5.20M
Draft scantling	: 6.80M

Capacity

Potable water	: 600M3
Fuel oil	: 1200 M3
Drill/ ballast Water	: 1200 M3
Dry bulk cargo	: 250 M3
Mud/ Brine/Rec.oil	: 800 M3
Accommodation	: 50 men/23 cabins

Performance

Speed	: 15.3 knots, at trial condition, 100% MCR, design draft
Deadweight	: about 3000t
Deck cargo space	: about 520m3, deck load 7.5t/m2 about 1000t cargo capacity
Bollard pull	: 167 tonnes

Class Notation

ABS +A1(E), Offshore Support Vessel (AH, Tow, Supply – HNLS), FFV 1, OSR-C1, SPS, +AMS, +ACCU, +DPS-2, UWILD

Registry: Singapore

Main equipments

Main engine /CPP	: 2 sets, MAK M32C, 6120hp, Medium Speed /Berg CPP
Bow/Stern Thrusters	: 2/2 sets, 12T/10T, CPP
Steering gear / rudder	: 2/2 sets, electro-hyd, 130kn.m / high lift type flap rudder
Main/shaft generator	: 3/2 sets, 550kW diesel driven / 1920kW shaft driven
Emer. Generator	: 1 set, 99kW, AC 440V × 3 × 60Hz
Fi-Fi fire-fighting	: 2 sets, 1650m3/h × 140m, with 2 monitors of 1200m3/h
DP2	: 1 set, with DGPS, Radius, Cyscan laser, and HiPAP valve
AHT winch	: 1 set, double drum, each 2500m*76mm, braking capacity of 360t
Towing pin/ Shark jaw	: 4 / 2sets, 200t / hydraulic retractable with stopper SWL 360t.
Stern roller	: 1set, SWL450t, 6.6m × ψ 3.0m.
Deck Crane	: 1 set, telescopic, 5t at 10m outreach