



AMIL 17

DP1-AHTSS | DIESEL ELECTRIC VESSEL | BOLLARD PULL 60MT

DOCUMENTATION

Vessel Name	Amil 17
Type	AHTSS-Fi-Fi 1-60 ton
Year	May 2007
Flag	Palau
Builder	Zamil Shipyard
Class	✘A1, Towing Vessel, AH, Fire Fighting Vessel Class 1, Offshore Support Vessel, (E), ✘AMS

DIMENSIONS

Length Overall	64 m
Breadth Moulded	14.8 m
Depth	6.2 m
Draft	4.7 m
Deadweight	1744 mt
Bollard Pul	60 ton
Net Tonnage	492 mt
Gross Tonnage	1641 mt

CAPACITIES

Deck Area	320 m ²
Deck Cargo	5 t/m ²
Fuel Oil	620 m ³
Fresh Water	283.5 m ³
Drill Water/ Water Ballast	677.7 m ³
Dry Bulk/ Cement	116.0 m ³
Liquid Mud	278 m ³
Brine	124.9 m ³
Foam	N/A
Dispersant	N/A

ACCOMMODATIONS

Accommodations For	19 pers.
Single Cabins	5
2 Man Cabins	3
4 Man Cabins	2
Hospital	1
Mess/Day Room/Laundry/Galley/ Stores - Fully Air Conditioned	

DECK EQUIPMENT

Main Winch	Electro-Hydraulic /2 declutchable drums in waterfall arrangement.
Rated Pull	140 T X 5 M/MIN
Break Holding Load	185 mt
Drum Capacity	1000m X D 52 mm
Windlass	1 combined mooring and windlass winch
Anchors	2 (HIGH HOLD(D-14)) x 1590 KG
Anchor Chains	2 X (12 SH X 27.5Mtr X Ø 36mm)
Stern Roller	Ø3.56mx1m(length)- SWL=283T
Towing Pins	1 pair SWL 160t
Kamfork	SWL 300t
Tuggers	2 X 15T X 15 m/min
Capstans	2 X 5T X 15 m/min
Stern Roller	1 m (dia) x 3.56 m (length)

DELIVERY RATES

Fuel Oil	100m ³ /hr at 5 bar
Fresh Water	100m ³ /hr at 6 bar
Drill Water	100m ³ /hr at 6 bar
Fresh Water	100m ³ /hr at 5 bar
Liquid Mud	100m ³ /hr at 7 bar
Brine	100m ³ /hr at 5 bar
Dry Bulk / Cement	780m ³ /hr at 5.5 bar

SPEED / CONSUMPTION

Max. Speed	13.0 knots
Service Speed	11.0 knots
Economic Speed	8.5 knots

PROPULSION / MACHINERY

Main Generators	4 x Yanmar 6N280L-XV-1971KW-720 RPM
Propellers	2 x 1950 KW Aqua-master US 255-CPP
Bow Thrusters (Tunnel)	2 x 750 KW electrical driven (Diesel Electric)
Emergency Generator	Yanmar 6HAL-H -221kW

ELECTRONICS : NAVIGATION/COMMUNICATIONS

Radars	2 SET-JRC Mod.NWZ-147
Gyrocompass	2 (SIMRAD AR-78)
Magnetic Compass	1 (TOKIMEC BH-31-1)
GPS	2 (SIMARD GN 33)
AIS	1-JRC Type. JHS-182
Echosounder	1 (SKIPPER GDS 101)
Doppler Current Meter	1 (FURUNO DS-30)
Auto Pilot	1 (SIMRAD AP-50)
SSB	1 (JRC JSB-196-CM)
VHF	3 (2 SAILOR + 1 ICOM)
VHF Portable	NIL
Navtex	1 (JRC NCR-333)
GMDSS	3 (SIMRAD TC-50)
Handheld VHF	6 (STANDARD HORIZON HX 400)
Inmarsat C	2 (Sailor 6018)

FIRE FIGHTING : CLASS 1 WITH WATER SPRAY SYSTEM

Monitors Control	JOISTICK PANEL - PORTABLE
Monitors	CAP. 1200m ³ /h, Press=12 bar, power=7.4 KN
Range	120m
Pump Capacity	1500m ³ /h
Emergency Pump	30m ³ /h - Pressure 6.0 bar

SAFETY EQUIPMENT

Life Rafts	2 x 20 men , 2 x 25 men
Fast Rescue Boat	One FRC -20 knots speed- 15 persons
Lifebuoys	8 pcs. (7 spare)
Life Jackets	37 pcs.(+ 5 INFL. LIFE JACKETS)

