



ALLIANZ MIDDLE EAST



## AMIL 16

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

### DOCUMENTATION

Vessel Name	Amil 16
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, ✱DPS-1

### DIMENSIONS

Length Overall	64 m
Breadth Molded	14.8 m
Depth	6.2 m
Draft	4.7 m
Deadweight	1734 mt
Bollard Pul	60 ton
Net Tonnage	492 mt
Gross Tonnage	1641 mt

### CAPACITIES

Deck Area	320 m <sup>2</sup>
Deck Cargo	5 t/m <sup>2</sup>
Fuel Oil	677.9 m <sup>3</sup>
Fresh Water	283.5 m <sup>3</sup>
Drill Water/ Water Ballast	405.8 m <sup>3</sup>
Dry Bulk/ Cement	116.0 m <sup>3</sup>
Liquid Mud	292.4 m <sup>3</sup>
Brine	124.9 m <sup>3</sup>
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	152.7 T X 4 M/MIN
Break Holding Load	200 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
Shark Jaws	SWL 300t
Tuggers	2 X 15T X 15 m/min
Capstans	2 X 5T X 15 m/min

### DELIVERY RATES

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

### SPEED

Max.	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	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	1 (SIMRAD AR-78)
Magnetic Compass	1 (TOKIMEC BH-31-1)
GPS	2 (SIMRAD GN 33)
AIS	1-JRC Type. JHS-182
Echosounder	1 (FURUNO FE-700)
Doppler Current Meter	1 (FURUNO DS-30)
Auto Pilot	1 (SIMRAD AP-50)
SSB	1 (JRC JSB-196-CM)
VHF	2 (JRC)
VHF Portable	3 (Icom -Ic-m88)
Navtex	1 (JRC NCR-330)
GMDSS	3 (FURUNO)
Handheld VHF	3 (Icom Ic-m88)
Rig Move Radio	2 PORTABLE (MOTOROLA GP328)
Aviation Radio	1 (ICOM)

### FIRE FIGHTING : CLASS 1 WITH WATER SPRAY SYSTEM

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

### SAFETY EQUIPMENT

Life Rafts	4 x 20 men
Fast Rescue Boat	One FRC -20 knots speed- 15 persons
Lifebuoys	8 pcs. (7 spare)
Life Jackets	37 pcs.(+ 15 INFL. LIFE JACKETS)
Work Vests	6 pcs.

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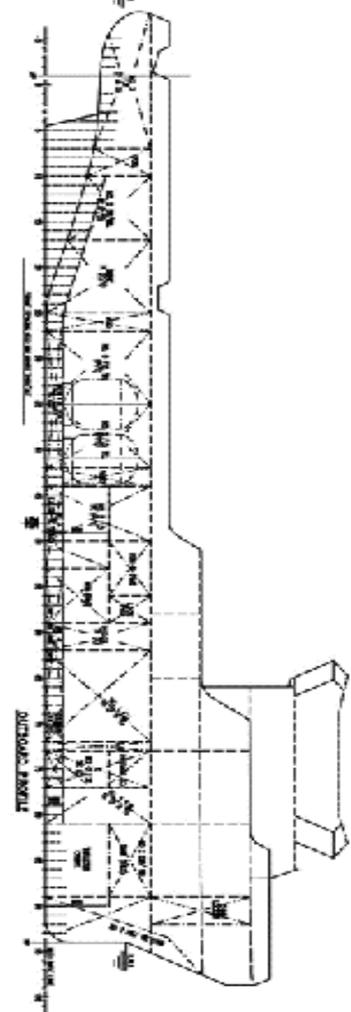
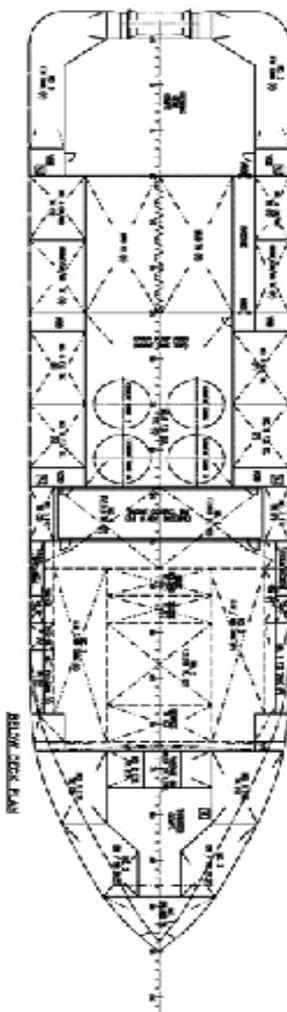
GENERAL DATA		DIMENSIONS		WEIGHTS		CAPACITIES	
ITEM	UNIT	ITEM	UNIT	ITEM	UNIT	ITEM	UNIT
SHIP NO.	16000	LENGTH	122.00	NET WEIGHT	122.00	DISPLACEMENT	122.00
REG. NO.	16000	BREADTH	22.00	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. NAME	ZAMIL 16	DRAUGHT	12.00	NET WEIGHT	122.00	DECK AREA	122.00
REG. TYPE	DP1-AHTSS	REG. NO.	16000	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. CLASS	DP1-AHTSS	REG. NAME	ZAMIL 16	NET WEIGHT	122.00	DECK AREA	122.00
REG. CODE	16000	REG. TYPE	DP1-AHTSS	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. FLAG	UAE	REG. CLASS	DP1-AHTSS	NET WEIGHT	122.00	DECK AREA	122.00
REG. OWNER	AME	REG. CODE	16000	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. MANAGER	AME	REG. FLAG	UAE	NET WEIGHT	122.00	DECK AREA	122.00
REG. CONTACT	AME	REG. OWNER	AME	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. ADDRESS	AME	REG. MANAGER	AME	NET WEIGHT	122.00	DECK AREA	122.00
REG. PHONE	AME	REG. CONTACT	AME	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. FAX	AME	REG. ADDRESS	AME	NET WEIGHT	122.00	DECK AREA	122.00
REG. EMAIL	AME	REG. PHONE	AME	GROSS WEIGHT	122.00	DECK AREA	122.00
REG. WEBSITE	AME	REG. FAX	AME	NET WEIGHT	122.00	DECK AREA	122.00
REG. SOCIAL MEDIA	AME	REG. WEBSITE	AME	GROSS WEIGHT	122.00	DECK AREA	122.00

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