



## ALLIANZ POWER

### AHTSS & SAFETY AQUAMASTER VESSEL | BOLLARD PULL 60MT

#### DOCUMENTATION

Vessel Name	<b>Allianz Power</b>
Type	AHTSS-Fi-Fi 1 - 60 ton
Year	December 2010
Flag	Bahrain
Builder	Cheoy Lee Shipyard LTD.
Class	✱A1, Towing Vessel, AH, Fire Fighting Vessel Class 1 Offshore Support Vessel, (E), ✱AMS

#### DIMENSIONS

Length Overall	58.0 m
Breadth Moulded	13.8 m
Depth	5.5 m
Draft	4.75 m
Deadweight	1368.28 mt
Bollard Pull	60 ton
Net Tonnage	399 mt
Gross Tonnage	1330 mt

#### CAPACITIES

Deck Area	350 m <sup>2</sup>
Deck Cargo	5 t/m <sup>2</sup>
Fuel Oil	490.0 m <sup>3</sup>
Fresh Water	205.0 m <sup>3</sup>
Drill Water/ Water Ballast	503.0 m <sup>3</sup>
Dry Bulk/ Cement	4,000 ft <sup>3</sup>
Liquid Mud	81.8 m <sup>3</sup>
Brine	87.0 m <sup>3</sup>
Foam	10 m <sup>3</sup>
Dispersant	10 m <sup>3</sup>

#### ACCOMMODATIONS

Accommodations	24 pers.
Single Cabins	6
2 Man Cabins	3
4 Man Cabins	3
Hospital	1
Mess/Day Room/Laundry/Galley/ Stores - Fully Air Conditioned	

#### DECK EQUIPMENT

Anchor Handling/Towing winch	Plimsoil PC-AHTW/WF- 150/200
Rated Pull	150 T X 2.5 M/MIN
Break Holding Load	150 mt
Drum Capacity	1000m X 52 mm
Windlass	1 combined mooring and windlass winch rating 6.1t 10m/min 36mm
Anchors	2 (HHPA-14) x 1740 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 100t
Shark Jaw	SWL 200t
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 60m head
Fresh Water	100m <sup>3</sup> /hr 60m head
Drill Water	100m <sup>3</sup> /hr 60m head
Fresh Water	100m <sup>3</sup> /hr 60m head
Liquid Mud	100m <sup>3</sup> /hr 60m head
Brine	60m <sup>3</sup> /hr 60m head
Dry Bulk / Cement	1,000ft <sup>3</sup> /hr

#### SPEED

Max. Speed (100%)	12.7 knots
Service Speed (85%)	11.0 knots
Economic Speed (75%)	9.0 knots

#### PROPULSION / MACHINERY

Main Generators	2 NIGATA 1838 kW 750rpm (5000 bhp)
Propellers	2 x Z-Peller with kork nozzle
Bow Thrusters	1 x 880 KW (12tons thrusting output)
Auxiliary Engines	Caterpillar 3 x 320kW @ 1800 rpm
Emergency Generator	Caterpillar 1x 320kW 400kva

#### ELECTRONICS : NAVIGATION/COMMUNICATIONS

Radars	2 units Furuno FAR-2117 & MAK2
Gyrocompass	1 (SIMRAD GC80)
Magnetic Compass	1 (SAURA)
GPS	2 (FURUNO GP150/GP37)
AIS	1- FURUNO FA-150
Echosounder	1 (FURUNO FE-700)
Doppler Current Meter	1 (FURUNO CI-88)
Auto Pilot	1 (SIMRAD AP-50)
SSB	1FURUNO FS2571C)
VHF	2 (FURUNO FM8800)
VHF Portable	3 (Icom -Ic-m88)
Navtex	1 (FURUNO NX--700)
GMDSS	3 SAILOR (SP3520)
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 2
Monitors	2 x 1200 m <sup>3</sup> /h, Press=13 bar
Range	122m
Pump Capacity	1650m <sup>3</sup> /h
Emergency Pump	35m <sup>3</sup> /h @ 60m head

#### SAFETY EQUIPMENT

Life Rafts	4 x 25 men
Fast Rescue Boat	One FRC -22 knots speed- 15 persons
Lifebuoys	8 pcs. (8 spare)
Life Jackets	37 pcs.(+ 15 INFL. LIFE JACKETS)
Work Vests	6 pcs.

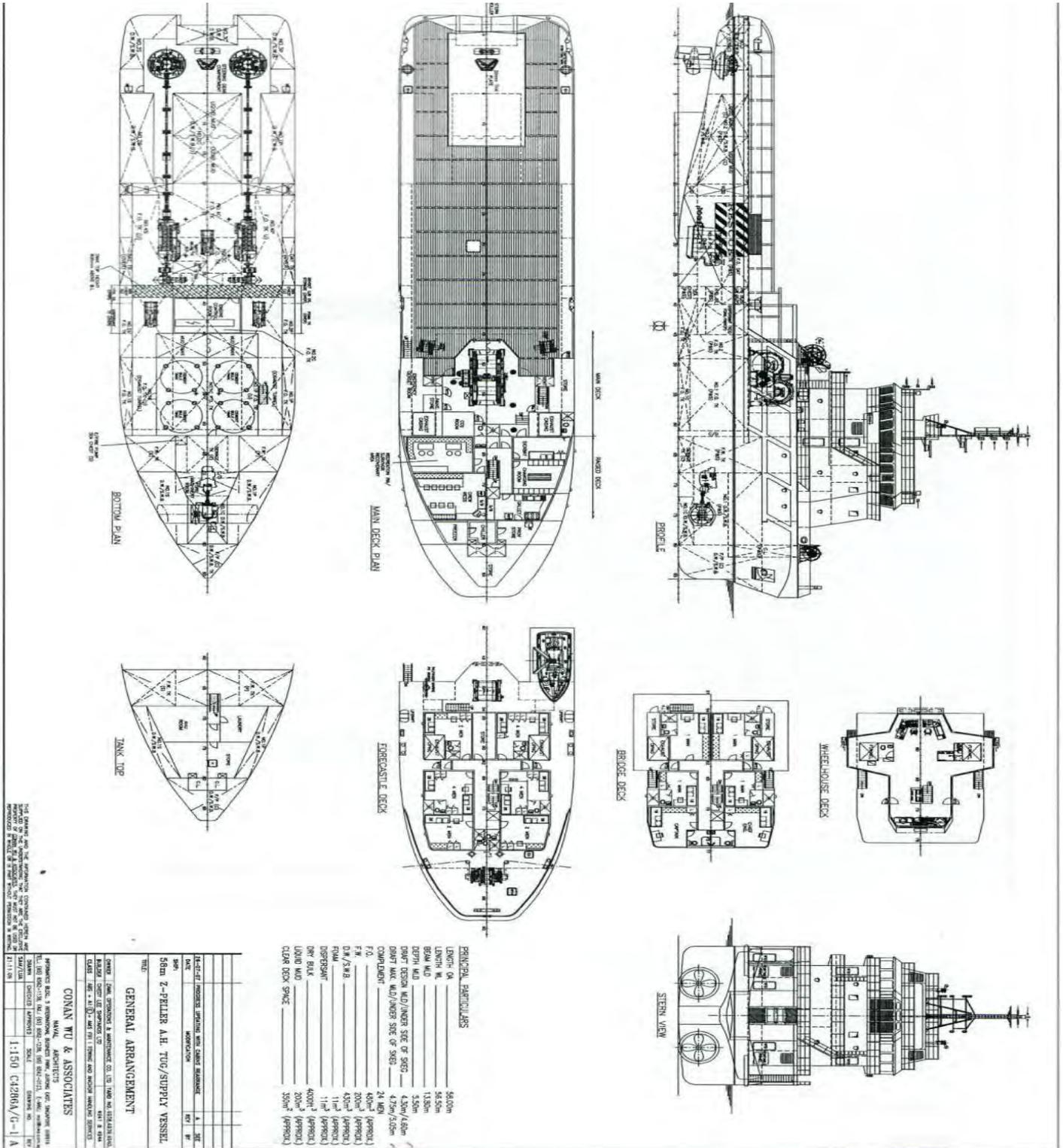


ALLIANZ MIDDLE EAST



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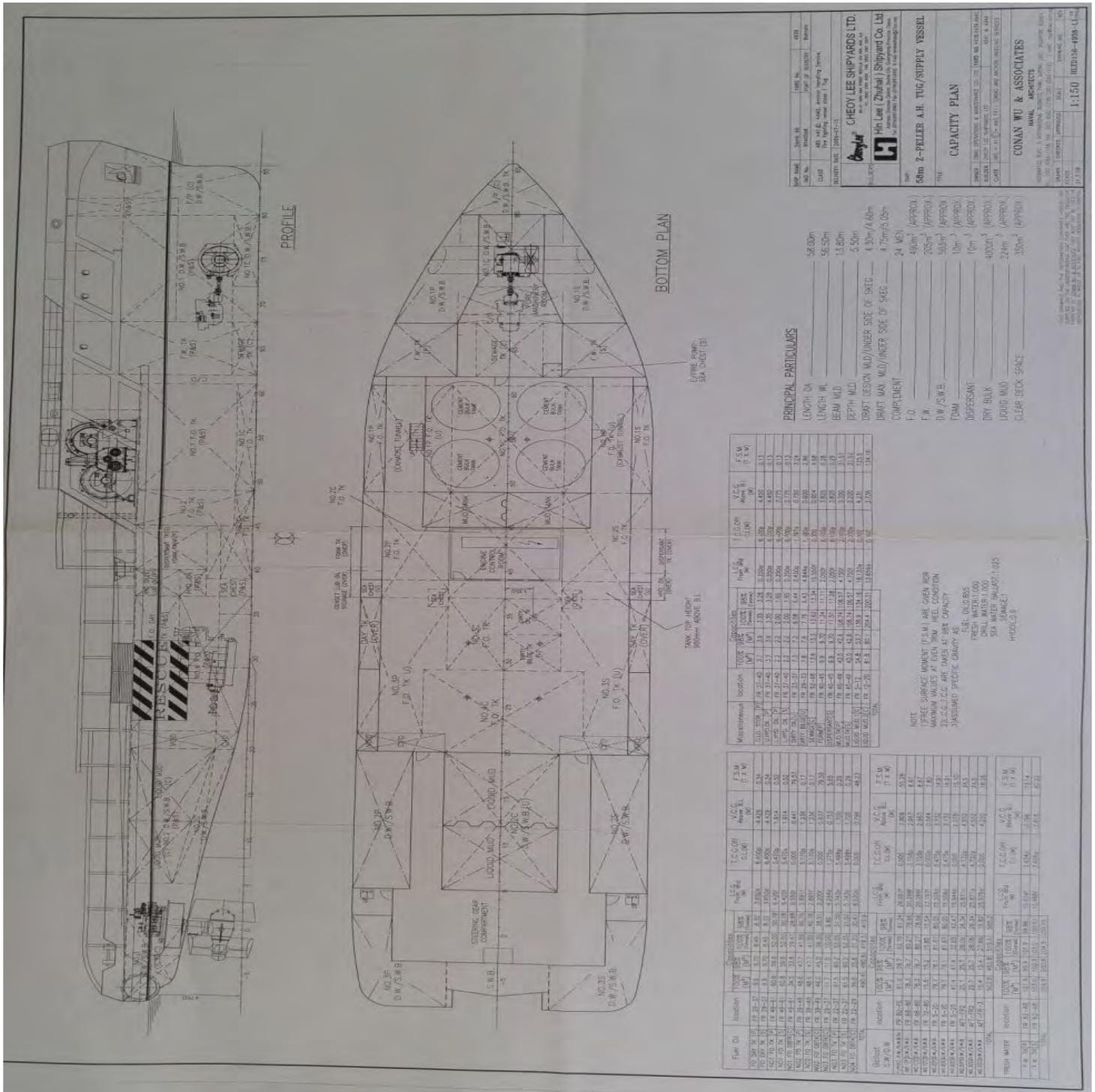


\*Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.



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