



ALLIANZ GRACE

AHTS/ FIFI 1/ 5,150 BHP/ DP 1

Allianz Grace is an Anchor Handling Tug & Supply Vessel built:

- 1) For Worldwide Operations to Service and Tow Drilling Units;
- 2) To Provide Logistics Support for Oil & Gas Production Platforms;
- 3) With Special Equipments for Fire-Fighting, Safety Standby Operations, Emergency Evacuations and Seismic Services.

CLASSIFICATION

American Bureau of Shipping

✕A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel, (E),

✕AMS, ✕DPS-1

Builder	Jinlong Shipbuilding Co., Ltd, Chongqing
Year Built	2010
Flag	Marshall Island

MEASUREMENT

Length Overall	59.3 m
Length BP	52.2 m
Breadth Moulded	15.0 m
Depth Moulded	6.1 m
Draft (Designed)	5.0 m

TONNAGE

Deadweight	1,390 T
GRT	1,678 T
NRT	503 T

MANEUVERING & PROPULSION SYSTEM

Main Engine	2 x CAT 3516B, 2,575 BHP each
Total BHP	5,150 BHP
Propeller	2 x CPP, BERG BCP690
Bow Thruster	1 x 390 kW, 6.0 T Thrust
Bollard Pull	70 T @ 100% MCR

DYNAMIC POSITIONING SYSTEM

DP-1 System	Kongsberg K-Pos DP11
-------------	----------------------

ELECTRIC POWER GENERATION

Main Generator	3 x CAT C18 rated 350kW/ 415V/ 50Hz/ 3Ph
Emergency Generator	1 x Perkins rated 56kW/ 415V/ 50Hz/ 3Ph

CARGO DECK

Deck Area	340.0 m ²
Deck Strength	7.5 T/m ²
Deck Cargo Capacity	500 T

SPECIFICATIONS

» Length	59.3 m
» Breadth	15.0 m
» Propulsion	5,150 BHP
» Deck Area	340.0 m ²
» H2S Scavenger	186.9 m ³
» Bollard Pull	70 T
» AH/Towing Winch	150 T Pull / 200 T Brake
» Accommodation	42 men

DECK EQUIPMENT

Anchor Windlass	1 x 9 T, MEP System
Anchor Chain	2 x 220 m x 38 mm (Ø)
Anchor (Bow)	2 x 1,305 kg High Holding Power Anchors
Tugger Winch	2 x 10 T @ 15 m/min, MEP System
Capstan	2 x 5 T @ 15 m/min, MEP System
Deck Crane	1 x Zhenjiang WME-FC3090, SWL: 3 T @ 9 m

TOWING & ANCHOR HANDLING EQUIPMENT

AH Winch	200 T Brake, 150 T Pull MEP System Double Drum Hydraulic Driven, Waterfall Type
Drum Capacity	1,000 m x 56 mm (Ø)
Towing Winch	200 T Brake, 150 T Pull MEP System Double Drum Hydraulic Driven, Waterfall Type
Drum Capacity	1,000 m x 56 mm (Ø)
Storage Reel Drum Capacity	1,000 m x 56 mm (Ø)
Shark Jaw / Karm Fork	1 x Shark Jaw, SWL: 200 T
Tow Pin	2 x Tow Pin, SWL: 200 T
Stern Roller	5.0 m x 1.6 m (Ø), SWL: 200 T

STORAGE CAPACITY

Fuel Oil	540.0 m ³
Potable Water	360.0 m ³
Drill Water/SWB	400.0 m ³
Liquid Mud/Base Oil/Brine	400.0 m ³ (4 Tanks)
H2S Scavenger	186.9 m ³ (4 x 1,650 ft ³)
Foam / Detergent	13.0 m ³ / 13.0 m ³

ACCOMMODATION

Berth / Cabin	4 x 1 man
	3 x 2 men
	8 x 4 men
Total	42 men



ALLIANZ GRACE

AHTS/ FIFI 1/ 5,150 BHP/ DP 1

DISCHARGE CAPACITY

Fuel Oil	1 x 150 m ³ /hr @ 75 m head
Potable Water	1 x 100 m ³ /hr @ 75 m head
Drill Water	1 x 100 m ³ /hr @ 75 m head
Liquid Mud/ Base Oil/Brine	2 x 75 m ³ /hr @ 75 m head
H2S Scavenger	1 x 70 m ³ /hr

FIRE FIGHTING & ANTI POLLUTION EQUIPMENT

FIFI Class (1) with Water Spray

Pump	2 x 1,500 m ³ /hr @ 14 bar
Monitor (water / foam)	2 x 1,200 m ³ /hr / 300 m ³ /hr @ 12 bar
Oil Dispersant System	2 x 6 m Spray Boom

SAFETY EQUIPMENT

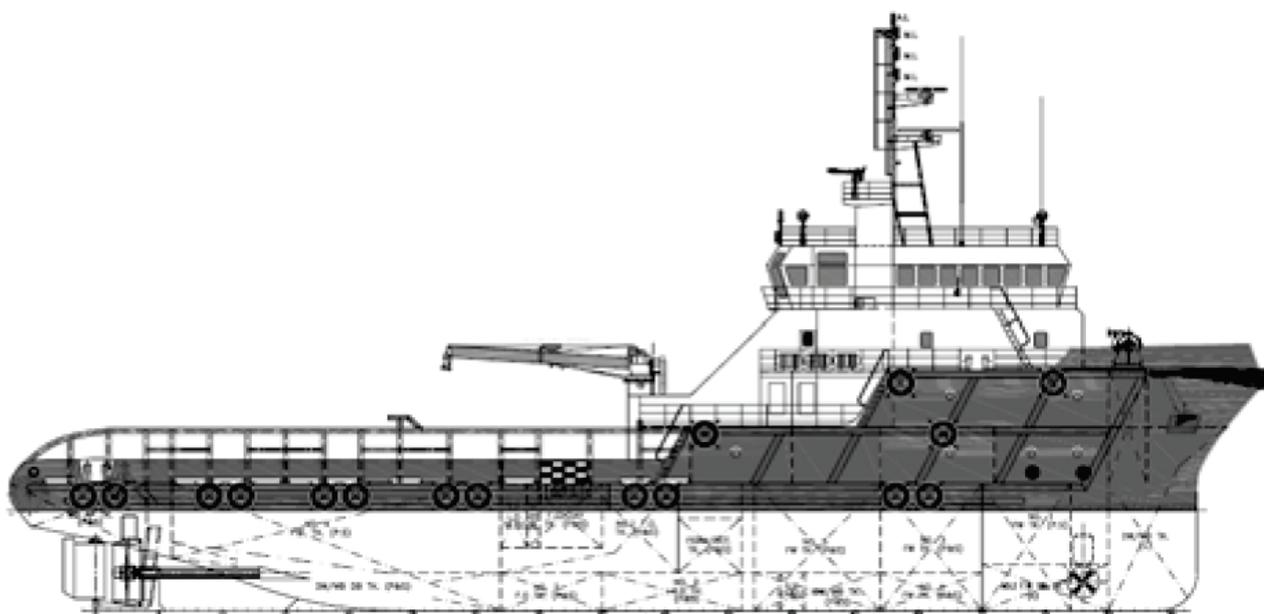
Life Raft	6 x 25 persons, SOLAS Approved
Rescue Boat	1 x 6 persons, Jianguyin Wolong FRP Boat, JY45KR, Mercury 25 HP
Davit	Zhenjiang WME, WME-SAD14, SWL: 1.35 T

MISCELLANEOUS

Oily Water Separator	1 x FORWIN, ZYFM(NJ)-1, 1.0 m ³ /hr
Sewage Treatment	1 x 50 persons, Jianguisu WCB-50
Water Maker	1 x 5 T/day, PETER TABOADA, SW-Y 30/52, Reverse Osmosis Type

NAVIGATION AND COMMUNICATION EQUIPMENT

GMDSS (Area 3)	Furuno RC-1500T 1T
VHF DSC	2 x Furuno FM-8800S
MF/HF SSB	1 x Furuno FS-2571C
MF/HF DSC	1 x Furuno FS-2571C
EPIRB	1 x McMurdo E5
SART	2 x McMurdo S4
Navtex Receiver	1 x Furuno NX-700B
Portable GMDSS VHF	3 x Samyung STV-160
Inmarsat	2 x Furuno Felcom 15
Radar	1 x Furuno FR-1510 Mk3
	1 x Furuno FR-2117
Gyrocompass	1 x Raytheon Anschutz STD22
Magnetic Compass	2 x Cassens & Plath Reflecta 1
Auto Pilot	1 x Raytheon Anschutz PilotStar D
DGPS	1 x Furuno GP-150
Joystick	Kongsberg cJoy Fitted
Echo Sounder	1 x Furuno FE-700
Speed Log	1 x Furuno DS-80
Anemometer	1 x Raymarine ST60+
Weather Fax	1 x Furuno FAX-408
AIS	1 x Furuno FA-150



*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.