



ALLIANZ CHLOE

5150 BHP Anchor Handling/Supply Vessel (DPS1), Bollard Pull - 64 MT
Clear Deck Space - 360 m2, Winch Line Pull - 150 MT

- » Conan Wu design Anchor Handling / Supply Vessel
- » Fully air conditioned accommodation for up to 42 personnel
- » Equipped with double-drum electro-hydraulic Towing and Anchor Handling winches

- » Vessel is DP 1 and fitted with a FIFI Class 1 System
- » Suitable for general offshore support services

PRINCIPAL PARTICULARS

| | |
|-------------------------|---|
| Length Overall | 59.00 m |
| Length Waterline | 56.61 m |
| Breadth Moulded | 14.60 m |
| Depth Moulded | 5.50 m |
| Draft (max) | 4.50 m |
| Draft (design) | 4.50 m |
| Built | China |
| GRT / NRT | 1494 / 448 |
| Year of delivery | 2008 |
| Class | Bureau Veritas |
| Notation | Class 1 + Hull + MACH "Supply Vessel & Fire Fighting Ship" 1-Water spraying; Special service - Anchor Handling Vessel Unrestricted Navigation. DYNAPOS- AM/AT |
| Flag (Port of Registry) | Singapore |
| Call Sign | 9VFN4 |
| IMO Number | 9408906 |

PERFORMANCE

| | |
|------------------|----------------|
| Maximum Speed | 12.5 knots |
| Service Speed | 10 knots |
| Economical Speed | 9 knots |
| Type of Fuel | Marine Gas Oil |
| Bollard Pull | 64 MT |

CARGO CAPACITIES

| | |
|---------------------|--------------------------------|
| Deadweight | 1275 mt |
| Deck Cargo | 500 mt |
| Deck Strength | 7.0 mt/m2 uniform loading |
| Clear Deck Area | 360 m2 |
| Deck Length | 30.0 m |
| Deck Width | 12.0 m |
| Fuel Oil | 440 m3 |
| Fresh Water | 240 m3 |
| Ballast/Drill Water | 460 m3 |
| Liquid Mud | 250 m3 |
| Cement Tank | 187 m3 (4 x 1650 ft3); Unislip |
| Freezer / Chiller | 10 m3 / 10 m3 |
| Foam / Detergent | 10 m3 / 10 m3 |
| Rig Chain Locker | Nil |

PUMPS

| | |
|-----------------|--|
| Fuel Oil | 1 x 150 m3/hr @ 75m head; Azcuc |
| Fresh Water | 1 x 100 m3/hr @ 75m head; Azcuc |
| SWB/Drill Water | 1 x 100 m3/hr @ 75m head; Azcuc |
| Liquid Mud * | 2 x 70 m3/hr @ 85m head; (SG 2.5) Mission Circulation system |
| Bilge/Ballast | 2 x 75 m3/hr @ 50m head; Azcuc |
| GS / Fire Pump | 1 x 75 m3/hr @ 50m head; Azcuc |
| Bulk Cement | 2 x 13 m3/min @ 80 psi air compressors; Airman system fitted with dryers |

PROPULSION SYSTEM

| | |
|---------------------|--|
| Main Engines | 2 x 1920 kw (2575 bhp) @ 1600 rpm Caterpillar 3516B |
| Main Generators | 3 x 340 kw @ 1500 rpm Caterpillar 3408 c/w Leroy Somer LSAM47.1L9 alternators rated at 320 Kw/415 V/3 Ph/50 Hz |
| Emergency Generator | 1 x 52 kw @ 1500 rpm Caterpillar C4.4 rated at 52 kw/415 V/3 Ph/50 Hz |
| Shaft Alternator | Nil |
| Bow Thruster | 1 x 440 kw electric-driven HRP 4000; tunnel type (CPP); 6T thrust |
| Stern Thruster | Nil |
| Steering Gear | 2 x Kobelt; 4T; 35 deg |
| Propulsion | 2 x CPP Type with Kort Nozzle; Berg 690 BCP/4 |
| Rudders | 2 x high performance streamline type |

DECK EQUIPMENT

| | |
|----------------------|---|
| Anchor Windlass | 1 x electro-hydraulic Mentrade HAW-10T |
| Drum | Nil |
| Gypsies | suit' for 40 mm (Ø) chains rated pull 10 mt @ 9 m/min |
| Warping drum | 400 mm (dia) x 450 mm (L) rated pull 2 mt @ 10 m/min |
| Bow Anchors | 2 x 1305 kg HHP anchors |
| Chains | 440 m (L) x 36 mm (Ø) Grade U2 (each side) |
| Capstan | 2 x 5 mt @ 15m/min electro-hydraulic; Mentrade HVC-5T |
| Tugger Winch | 2 x 10 mt @ 15m/min electro-hydraulic; Mentrade HUW-10T |
| Drum Capacity | 200 m (L) x 22 mm (Ø) SWR |
| Deck Crane | 1 x 2T @ 12m electro-hydraulic Palfinger PK32080(M)C |
| Towing/AH Winch | 1 x electro-hydraulic double drum Mentrade AHTW-150T |
| Upper Drum Cap (Tow) | 1000 m (L) x 56 mm (Ø) SWR |
| Lower Drum Cap (AH) | 1000 m (L) x 56 mm (Ø) SWR |
| Line Pull | 150 mt @ 6 m/min at 1st layer 71 mt @ 12 m/min at 1st layer 50 mt @ 18 m/min at 1st layer 23 mt @ 36 m/min @ 1st layer |
| Stall Pull | 165 mt @ 1st layer |
| Brake Capacity | 200 mt static @ 1st layer |
| Remote control | Remote control from aft control stand in wheelhouse |
| Gypsies | Nil |
| Warping Drums | Nil |
| Stern Roller | 5.00 m (L) x 1.60 m (Ø); SWL 200 mt |
| Shark Jaws | 1 set electro-hydraulic Karmfork; SWL 300 mt |
| Tow Pins | 2 x electro-hydraulic with turntable top flaps |
| Rope Reel | 1 x electro-hydraulic Mentrade HSR-5T |
| Reefer Points | Drum Capacity : 1000 m (L) x 56 mm (Ø) SWR 6 x 4pin x 32A |

* Liquid Mud tanks are strengthened for products up to 2.5 SG and can be nominated to carry Brine



ALLIANZ MIDDLE EAST



ACCOMMODATION

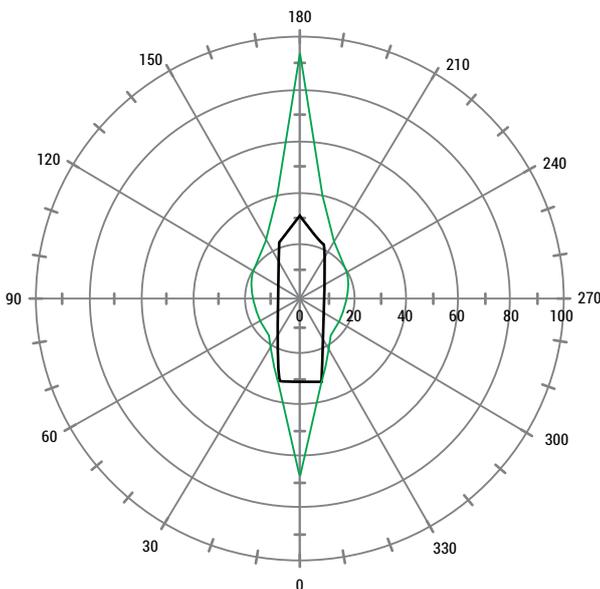
| | | |
|--|----------------------|----|
| Berths | 2 x 1 berth cabins = | 2 |
| | 4 x 2 berth cabins = | 8 |
| | 8 x 4 berth cabins = | 32 |
| Total | | 42 |
| Hospital | 1 x 1 berth cabin = | 1 |
| All cabins fully air-conditioned & c/w attached washroom | | |

RADIO AND NAVIGATION EQUIPMENT

| | |
|---|--|
| GMDSS | Furuno RC-1800T (Area 3) comprising : |
| SSB | 1 x Furuno FS-2570 with built in DSC |
| Inmarsat C | 2 x Furuno Felcom 15; 1 x Furuno Felcom 15SSAS |
| VHF Radio | 2 x Furuno FM 8800 with built-in DSC |
| Navtex Receiver | 1 x Furuno NX 700 (518 KHz) |
| SART | 2 x McMurdo S4 (9 GHz) |
| EPIRB | 1 x McMurdo E3A |
| Portable VHF Radios | 3 x McMurdo R2 (25KHz) |
| Radar | 1 x Furuno FR 2115 1 x Furuno FR 1510 MK3 |
| Echo Sounder | 1 x Furuno FE 700 |
| GPS | 1 x Furuno GP 150 |
| Gyrocompass | 1 x Anschuetz Standard 22 |
| Autopilot | 1 x Anschuetz Nautopilot NP60 |
| Magnetic Compass | 1 x Cassens & Plath Reflecta 3 |
| Weather Fax | 1 x Furuno FAX 207 |
| Speed Log | 1 x Furuno DS-80 |
| Wind Indicator | 1 x RM Young 05103 |
| AIS | 1 x Furuno FA-150 |
| DP | Marine Technology Bridge Mate DP1 2 x DGPS Veripos LD2S |
| Joystick | Marine Technology |
| Vessel also fitted with Vingtor Talkbalk System & Self-Powered Telephones | |

DP CAPABILITY PLOT

Capability Plot: All thrusters online. 0 knot Current Stepped



Wind speed in Knots

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.

FIRE FIGHTING & ANTI-POLLUTION EQUIPMENT

EXTERNAL

| | |
|-------------------------|---|
| FiFi System | Class 1 with water curtain all round |
| Fire Pump | 2 x 1540 m3/hr @ 13 bar FFS SFP250x350 driven by front PTO of M/E |
| Monitors - (water/foam) | 1 x 300-1200 m3/hr; FFS1200LB 1 x 1200 m3/hr; FFS1200LB |
| Oil Dispersant System | 2 x 6m (6 nozzles) spray booms; Unitor |

INTERNAL

| | |
|--|---|
| Emergency Fire Pump | 1 x 35 m3/hr @ 50m head; Azcue |
| BA Recharging Comp | 1 x 260 ltrs/min @ 300bar Coltri MCH16/E-TS |
| CO2 system in engine room | |
| Fire Detection & Alarm System in living spaces & engine room | |

SAFETY AND ENVIRONMENT

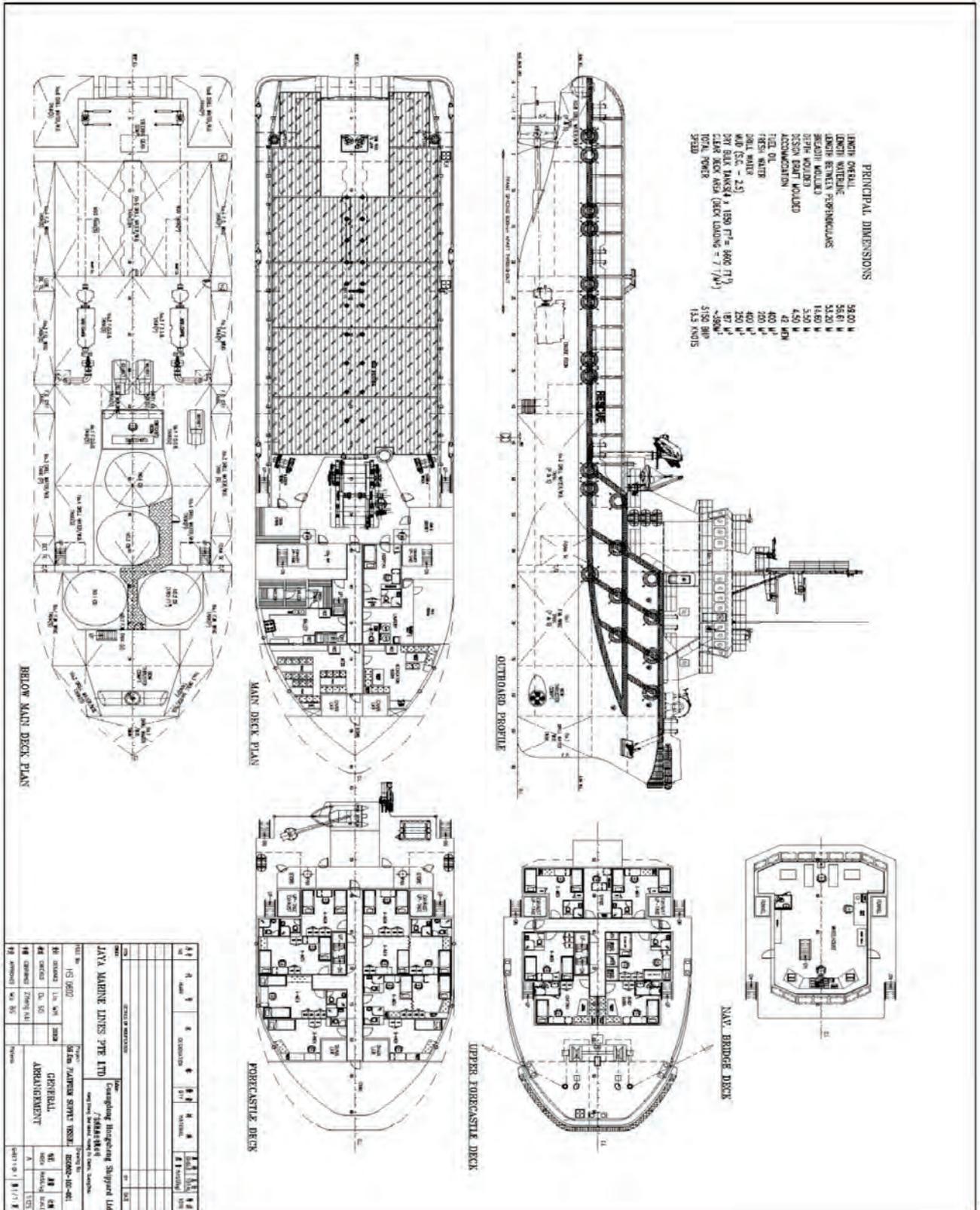
| | |
|------------------------|--|
| Liferafts | 4 x 20 men SOLAS Approved type 2 x 25 men SOLAS Approved type |
| Rescue boat | 1 x 6 men semi-rigid inflatable c/w outboard motor |
| Oily Water separator | 1 x 1 m3/hr c/w 15 ppm alarm |
| Water Maker | 1 x 5 m3/day Reverse Osmosis, Sealy SW-5T |
| Sewage Treatment Plant | 1 x 48 men/day |

TANK CAPACITY PLAN

| UNITS = M ³ | | | | | |
|------------------------|---------------|-----------------|---------------|---------------|---------------|
| TANK | Fuel Oil | Fresh Water | Drill Water | Oil Based Mud | Base oil |
| Fuel (8) | 49.13 | | | | |
| | 49.13 | | | | |
| | 55.43 | | | | |
| | 55.43 | | | | |
| | 58.78 | | | | |
| | 58.78 | | | | |
| | 61.08 | | | | |
| | 61.08 | | | | |
| Fresh water (3) | | 74.22 | | | |
| | | 74.22 | | | |
| | | 95.38 | | | |
| Drill water (10) | | 57.58 | 57.58 | | |
| | | 28.62 | 28.62 | | |
| | | 28.62 | 28.62 | | |
| | | 78.77 | 78.77 | | |
| | | 78.77 | 78.77 | | |
| | | 43.69 | 43.69 | | |
| | | 43.69 | 43.69 | | |
| | | 66.39 | 66.39 | | |
| | | 20.9 | 20.9 | | |
| | | 20.9 | 20.9 | | |
| OBM (2) | 127.16 | | | 127.16 | 127.16 |
| | 127.16 | | | 127.16 | 127.16 |
| Total | 703.12 | 711.75 * | 467.93 | 254.32 | 254.32 |

* Only dedicated Fresh water tanks can carry potable water; Capacity of 243.82m3

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