



DAE YANG OFFSHORE PTE LTD

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300-men Accommodation Work Barge **DY 302**



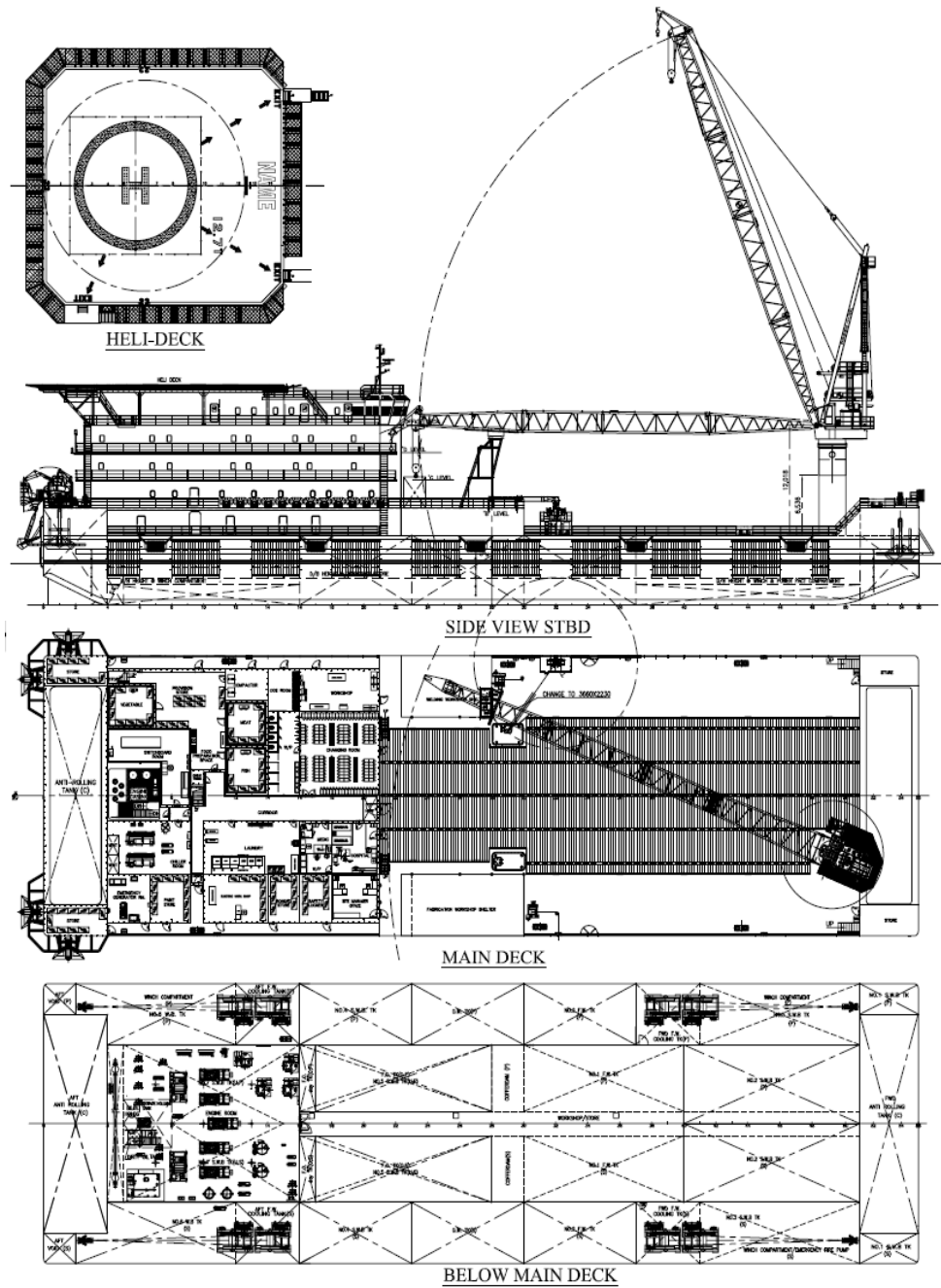
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VESSEL SPECIFICATION



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‘DY 302’**300-men Accommodation Work Barge****GENERAL PARTICULARS**

Owner Name: Dae Yang Offshore Pte Ltd
 Registry: Marjuro, Marshall Islands
 Place/Year Built: Korea, September 2009
 Loa: 100.00 m (328 ft)
 Breadth: 30.50 m (100 ft)
 Depth: 7.62 m (24 ft)
 Draught: 5.50 m (16.4 ft)
 GRT: 10,528
 NRT: 3,401
 DWT: 10,677 ton
 Deck strength: 15 ton/m² Clear deck space : 1338m²
 Classification: ABS +A1 Accommodation Barge +IMO MODU Code 2001

TANKS CAPACITY

Fuel Oil	1,809 m ³
Portable Water	2,117 m ³
Drill Water	1,263 m ³
Sea Water Ballast	6,002 m ³
Anti Rolling	2,866 m ³
Dirty Oil / Bilge	8.4 m ³ / 8.4 m ³
Sewage	33 m ³

DISCHARGE & TRANSFER RATES

Fuel Oil	2 x 45 m ³ /hr @ 45 m/head
Fresh Oil(for Em'cy GE)	2 x 3 m ³ /hr @ 45 m/head
Fresh Water	2 x 120 m ³ /hr @ 35 m/head
Ballast Water	2 x 500 m ³ /hr @ 40 m/head
Fire & GS	2 x 130 m ³ /hr @ 120 m/head

DECK MACHINERY

Mooring Winches	8 x 70 t Single Drum Electro-hydraulic Winch, 1,500mL x 52mmØ IWRC @ 7m/min – 50m/min 150 ton holding capacity
Mooring Anchors	8 x 7 tons Flipper Delta
Tugger Winches	4 x 10 tons @ 15m/min 200m x 22mm wires
Main Crane	Favelle Favco Offshore Pedestal Crane 15/10K. Boom length : 150ft Radius : 16m x 68t
Aux. deck crane	2 ton @ 10m

ACCOMMODATION

Single Suite Room	4 x 1-man
Single Berth	8 x 1-man
Double Berth	6 x 2-men
Four Berth	69 x 4-men

 Total 300-men
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Fully air-conditioned & comply to ILO92, IMO
 Res.A468 (XII)

ENGINE ROOM MACHINERY

Generator	5 x Diesel CAT 3412 TA 590kW, 440V / 60Hz / 3 Ph
Emergency Generator	1 x Diesel CAT C4.4 99 kW, 440V / 3 Ph / 60Hz
Air Compressor	2 x 176 cfm @10 bar 2 x 82.8 m ³ /hr @12 bar
Fresh Water Maker	2 x 60 tons/day
Air-conditioned System	
Refrigeration System	
FW Domestic System	2 sets
SW Domestic System	2 sets
Fuel Oil transfer pump	2 units
G.S and Fire Pump	2 units
Emergency Fire Pump	1 unit
Bilge Pump	1 unit
Oily water separator	1 set
Ballast Pump	2 x 500 m ³ /hr
Sewage Plant	1 set
Sludge Pump	1 set

WORKSHOP EQUIPMENT

Lathe Machine	1 unit
Radius Drilling Machine	1 unit
Milling Machine	1 unit
Table Vice	1 unit
Table Grinder	1 unit
Welding Rectifier	1 x 400 Amp

LIFE SAVING APPLIANCES

Comply to SOLAS 1974, 1983 Amendment
 Life Raft 24 x 25-men
 Life Jackets 600 pcs
 Life Buoys 12 pcs
 Line throwing appliance 1 with 4 projectiles & line
 Stretcher 10 units
 Work Vest 30 pcs
 Rescue Boat 1 x 6-men with davit

VESSEL SPECIFICATION

FIRE FIGHTING EQUIPMENT

Comply to Classification and SOLAS requirement

Fire Water Monitor	2 x 123 m3/hr
Foam Monitor	2 units at Helideck
Fire Hose Station	Provided
Fire Extinguishers	CO2 Dry Powder Portable CO2 & Foam
Gas Monitoring	Provided
Fire Alarm System	Provided
CO2 Protection System	Provided for machinery room, winch rooms, paint stores and spaces
Firemen outfit	3 sets

RADIO & NAVIGATION EQUIPMENT

Radar	1 x Furuno FAR-2117
Gyro Compass	1 x Tokimec TG-8000
Gyro Repeater	2 x Tokimec
Echo Sounder	1 x Furuno FE-700
GPS	1 x Furuno GP-150
Navtex	1 x Furuno NX-700
VHF	2 x Furuno FM-8800S
SSB Radio	1 x Furuno FS-2570
Radar Transponder	1 x McMurdo S4, 9GHz
VHF and MF watch receiver	1 x Furuno DMC-5
EPIRB	1 x McMurdo E5, 406 MHz
Mini M Satcom	1 x Nera Mini-M
Crane Radio	1 x Motorola GM-338U 1 x Motorola GM-338V
Helicopter Communication	1 x VHF AM Transceiver 1 x Radio Beacon 2 x Aviation Radio
Walkie Talkie Sets	6 x Multi Channel (Ex)
Intercom System	1 x VINGTOR ACM-AlphaCom
Public Address System	VINGTOR ETB/SPA Talkback PA System
CCTV	1 x Indoor System 1 x Outdoor System
Batteryless Telephone System	VINGTOR VSP Batteryless System
Weather Fax	1 x Furuno FA 207
Wind Speed Indicator	1 unit

HELIDECK

Capable for Sikorsky S92

OTHER FACILITIES

Hospital	1 x 2-Bed
Medic Rm	1 on main deck
Offices	4 on main deck, 1 on B-deck
Site Manager Office	1 on main deck
Conference Rm	1
Radio/Control Rm	1 on roof top
Messroom	1 upto 164 persons
Galley	1
Freezer/Chiller Room	60 m3
Dry Provision Store	60 m3
General Store Room	1
Laundry/Drying Room	3
Auditorium	1 on B-Deck
Gymnasium	1 with Gym machines
Prayer Room	1 on C-Deck
Electrical Workshop	1 on main deck
Fire Control Station	1 on main deck

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