



DAE YANG OFFSHORE PTE LTD

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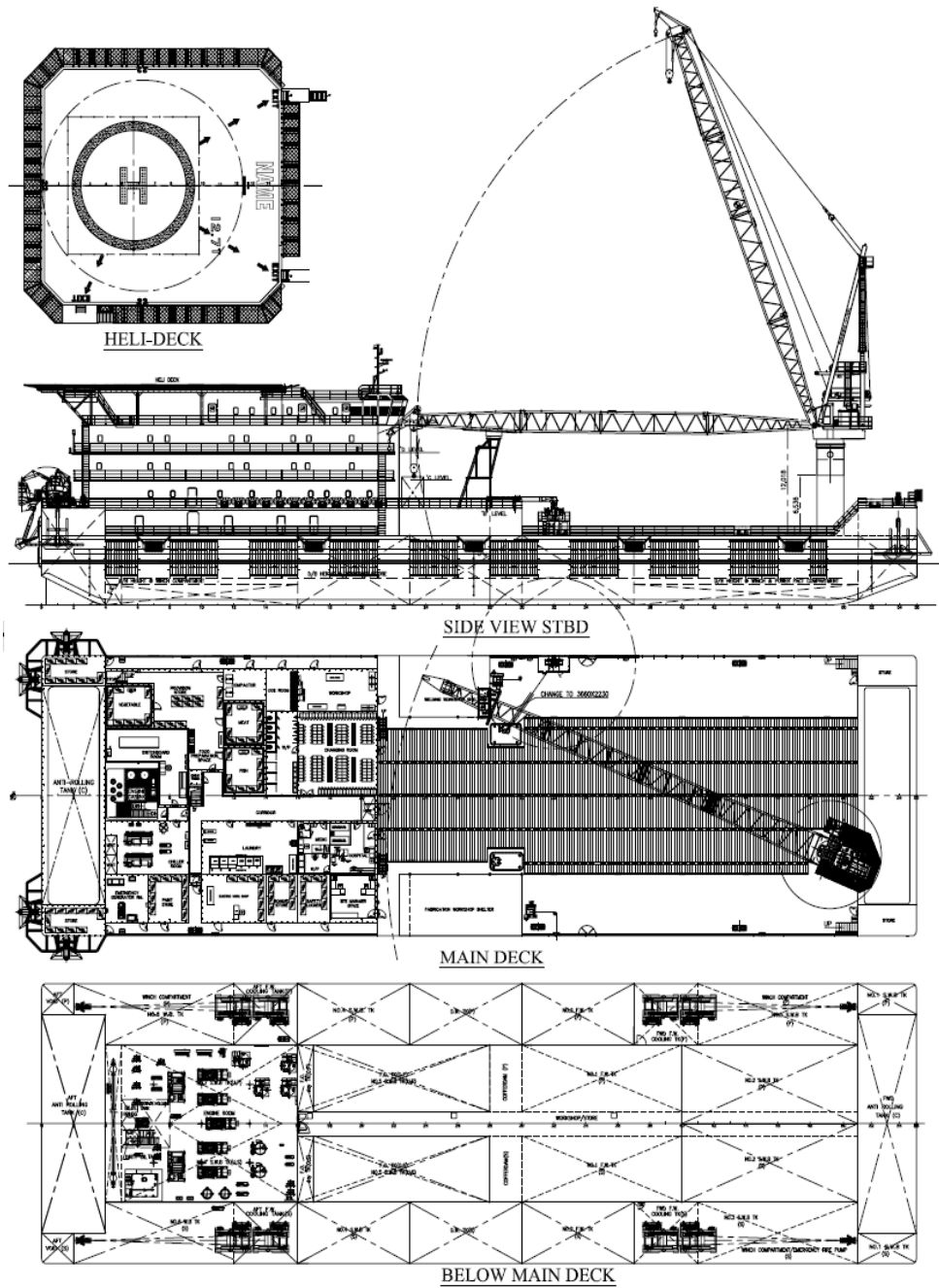
300-men Accommodation Work Barge **DY 301**



Specification above is subject to changes without notification.

VESSEL SPECIFICATION

General Arrangement



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VESSSEL SPECIFICATION

'DY 301'

300-men Accommodation Work Barge

GENERAL PARTICULARS

Owner Name: Dae Yang Offshore Pte Ltd
Registry: Marjuro, Marshall Islands
Place/Year Built: Korea, 2008
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: approx. 7,380
NRT: approx. 2,210
DWT: approx. 7,500 ton
Deck strength: 15 ton/m2

Classification: ABS +A1 Accommodation Barge +IMO MODU Code 2001

TANKS CAPACITY

Fuel Oil 1,773 m3
Portable Water 2,443 m3
Drill Water 1,254 m3
Sea Water Ballast 6,507 m3
Anti Rolling 2,808 m3
Dirty Oil / Bilge 13 m3
Sewage 54 m3

DISCHARGE & TRANSFER RATES

Fuel Oil 45 m3/hr @ 45 m/head
Fresh Water 120 m3/hr @ 35 m/head
Drill Water 120 m3/hr @ 50 m/head
Ballast Water 500 m3/hr @ 40 m/head
Fire & GS 130 m3/hr @ 120 m/head

DECK MACHINERY

Mooring Winches 8 x 70 t Single Drum
Electro-hydraulic Winch,
1,500mL x 46mmØ 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 Amclyde Mariner 35000
75T fully hydraulic marine
pedestal crane
Aux. deck crane 3 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 175 cfm @10 bar
Fresh Water Maker 2 x 60 tons/day
Air-conditioned System
Refrigeration System
FW Domestic System 3 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 2 units
Oily water separator 1 set
Ballast Pump 2 x 500 m3/hr
Sewage Plant 2 sets

WORKSHOP EQUIPMENT

Lathe Machine 1 unit
Jig Saw Machine 1 unit
Grinder Machine 1 unit
Bench Drilling Machine 1 unit
Radius Drilling Machine 1 unit
Milling Machine 1 unit
Welding Rectifier 3 x 400 Amp
2 x 600 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 2 units
Work Vest 12 pcs
Rescue Boat 1 x 6-men with davit

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VESSEL SPECIFICATION

FIRE FIGHTING EQUIPMENT

Comply to Classification and SOLAS requirement

Fire Water Monitor	2 x 100 m3/hr
Foam Monitor	2 units at Helideck
Fire Hose Station	Provided
Fire Extinguishers	CO2 Dry chemical
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 FR-1505 MK3
Echo Sounder	1 x Furuno FCV-1100L
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

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