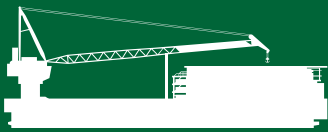


# WORK BARGE



## VESSEL CAPABILITIES

### DIVING OPERATIONS



### SUBSEA CONSTRUCTION



### FLEXIBLE AND CABLE LAY



# POSH NATUNA

## Vessel Information

The 95.4-meter-long POSH Natuna is a work barge designed for subsea installation and dive support operations. It accommodates up to 160 personnel onboard and is equipped with an 8-point mooring system for station-keeping. The barge features extensive deck space and facilities to support a wide range of offshore projects, including subsea construction and maintenance activities. Its capabilities make it suitable for deployment in various offshore environments.

- Length 95.4m X Beam 30m
- Deck Area 1135m<sup>2</sup>
- Accommodation for 160 Persons
- 8-point mooring
- 12-men Hyperbaric Chamber
- Designed to support various offshore operations, such as subsea installation and dive support.

PRINCIPAL PARTICULARS	
YEAR BUILT	2010
FLAG	Panama
CALL SIGN	3FJN3
BUILDERS	Pacific Ocean Engineering and Trading
OFFICIAL NO	8663016
CLASSIFICATION (ABS)	✱A1 Accommodation Barge

DIMENSIONS & TONNAGE	
LENGTH OVERALL (LOA)	95.4m
BEAM OVERALL (BOA)	30m
DEPTH MOULDED	6.5m
DRAFT (DESIGN)	4.0m
LIGHTSHIP DRAFT	2.5m
GROSS TONNAGE	8,592T
NET TONNAGE	2,577T
DWT 4.0m DRAFT	5,100T

MAIN PROPULSION & MACHINERY	
MAIN GENERATORS	5 x Generator set diesel driven, each 420 kW @ 1800rpm
EMERGENCY GENERATORS	1 x Radiator cooled emergency generator set 99 kW @ 1800rpm

CRANE & DECK EQUIPMENT	
PEDESTAL CRANE	Liebherr Crane, 100T @20m radius
CRAWLER CRANE	SCX1000A-3
BUOY HANDLING CRANE	2T x 10 m @ A deck bow
DECK CARGO AREA	1135m <sup>2</sup>
DECK CARGO DIMENSION	27.6m x 14m
DECK CARGO CAPACITY	11,350T
DECK STRENGTH	10T/m <sup>2</sup>
HELIDECK	Suitable for Sikorsky 61N capacity

LSA/FFA EQUIPMENT	
RESCUE BOAT & DAVITS	1 x 6 POB c/w davit
LIFE RAFTS	16 x 25 POB Life raft
LIFEBOATS	4 x 80 POB

MOORING EQUIPMENT	
ANCHOR	8 x High Holding Power Flipper Delta +2 spare anchors
MOORING WINCH	8 x skid mounted self-contained single drum rated pull 75T x 10m/min / 20T x 0~30m/min
DRUM CAPACITY	1400m x 48mm Ø Steel wire rope
DAVITS	30T x 5 units

DIVING EQUIPMENT	
SATURATION DIVE SYSTEM	12 men Hyperbaric Chamber IMCA Compliant, ABS Class & 9 men Living Chamber on skid, Saturation system with 3-man bell and independent HRC launching system compliant to Class requirements
AIR DIVING SYSTEM (IMCA Compliant )	Deck Decompression Chamber with Dive Control, 1 x Store Container, 2x LARS

ACCOMMODATION SPACES / EQUIPMENT	
MESS ROOM	2 X 160 seats
DAY ROOM	2 x Master Tool Pusher Day Room and Bedroom c/w toilet
RECREATION ROOM	2 x rooms
OFFICE	3 Offices
WORKSHOP	1 Deck Workshop
CONFERENCE ROOM	1 room
PRAYER ROOM	1 room
HOSPITAL	1 x 5 beds
GYM ROOM	1 x Outfitted Gym
CHANGING ROOM	1 room
LAUNDRY ROOM	6x heavy-duty washers/dryers
FREEZER & CHILLER	1 Freezer / Chiller
WATER MAKER	2 x 50T/day Reverse Osmosis
SEWAGE TREATMENT	160 Persons

ACCOMMODATION	
BERTH TOTAL	160
CABIN CONFIGURATIONS	4 Singles, 10 Doubles, 34 Quadruples

NAVIGATION & COMMUNICATION EQUIPMENT	
VHF (Furuno FM-8800) / DSC Radio Telephone	2 sets
MF / HF Radio Telephone	1 set
Radar Transponder (SART) McMurdo S4 GMDSS 9GHz	1 unit
Two-way hand-held VHF Radio Telephone	3 units
GPS (Furuno GP33 DGPS )	1 unit
Aviation Portable Radio	2 sets
Inmarsat (Furuno Felcom 16 SSAS)	1 unit
Inmarsat Fleet Broadband (KVH FB500)	1 unit
Echo Sounder (Furuno FCV-620)	1 unit
Anemometer (RM Young wind anemometer)	1 unit
EPIRB (McMurdo Smartfind E5)	1 unit
AIS (Furuno FA150)	1 unit
SSB (Furuno FS1570 MF/ HF)	1 unit
Helicopter Comm system (1 x Icom A210 VHF AM Transceiver A24 aviation portable radio beacon)	2 x Icom
Doppler sonar current indicator( Model MU-100 C-CI)	1 unit

CAPACITIES	
FUEL OIL	1,323m <sup>3</sup>
POTABLE WATER	2,621m <sup>3</sup>
BALLAST WATER	5,275m <sup>3</sup>

DISCHARGING RATES	
FRESH WATER/PUMP	1 x 100m <sup>3</sup> /hr @80m head
BALLAST WATER/PUMP	2 x 160m <sup>3</sup> /hr @90m head
FUEL/PUMP	1 x 100m <sup>3</sup> /hr @80m head