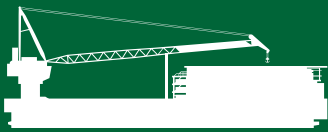


WORK BARGE



VESSEL CAPABILITIES

DIVING OPERATIONS



SUBSEA CONSTRUCTION



FLEXIBLE AND CABLE LAY



POSH NATUNA

Vessel Information

The 95.4-metre POSH Natuna is a work barge purpose-built for subsea installation and dive support operations. It can accommodate up to 160 personnel and is fitted with an 8-point mooring system for station-keeping. The vessel offers 1,135 m² of deck space and is equipped with a 12-man IMCA-compliant Saturation Dive System with a Hyperbaric Chamber, as well as an Air Dive System, supporting subsea construction, inspection, and maintenance activities.

- Length 95.4m X Beam 30m
- Deck Area 1,135m²
- Accommodation up to 160 Persons
- 8-point mooring system
- 12-man Saturation diving system
- 100T Pedestal crane
- 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 @ 1500rpm
EMERGENCY GENERATORS	1 x Radiator cooled emergency generator set 99 kW @ 1500rpm

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 ²
DECK CARGO DIMENSION	27.6m x 14m
DECK CARGO CAPACITY	11,350T
DECK STRENGTH	10T/m ²
HELIDECK	Suitable for Sikorsky 61N capacity
DAVITS	30T x 5 units

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

MOORING EQUIPMENT	
ANCHOR	8 x 8T High Holding Power Delta Flipper +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

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
SAT DIVE SYSTEM EMERGENCY POWER GENERATOR	2 x Airman 350/400K, 220/440V, 50/60Hz & 1500/1800rpm
AIR DIVING SYSTEM (IMCA Compliant)	Deck Decompression Chamber with Dive Control, 1 x Store Container, 4 x LARS
AIR DIVE SYSTEM EMERGENCY POWER GENERATOR,	1x Denyo 80/100KW, 220/440V, 50/60Hz & 1500/1800rpm.

ACCOMMODATION SPACES / EQUIPMENT	
MESS ROOM	1 X 160 seats
DAY ROOM	2 x Master Tool Pusher Day Room and Bedroom c/w toilet
RECREATION ROOM	2 x rooms (including smoking room
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	6 x heavy-duty washers/dryers
FREEZER & CHILLER	1 x Freezer / 1 x Chiller
WATER MAKER	2 x 50T/day Reverse Osmosis
SEWAGE TREATMENT	160 Persons

NAVIGATION & COMMUNICATION EQUIPMENT	
VHF	2 x (Furuno FM-8800) / DSC Radio Telephone
MF / HF RADIO TELEPHONE	2 sets
RADAR TRANSPONDER (SART)	2 x Samyung GMDSS 9GHZ
TWO-WAY HAND-HELD VHF RADIO TELEPHONE	3 units
GPS	Furuno GP33 DGPS
AVIATION PORTABLE RADIO	2 sets
INMARSAT	Sailor 6018
INMARSAT FLEET BROADBAND	KVH FB500
ECHO SOUNDER	INGLU DS228 FCV-620
ANEMOMETER	RM Young wind
EPIRB	McMurdo Smartfind G5
AIS	Furuno FA1502
SSB	Furuno FS-2571-C MF/HF
HELICOPTER COMM SYSTEM	1 x Aero VHF Base Radio –iCOM 2 x Portable Aero VHF iCOM 1 x NDB-Nautel
DOPPLER SONAR CURRENT INDICATOR	Model MU-100 C-CI

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

CAPACITIES	
FUEL OIL	1,210m ³
POTABLE WATER	2,620m ³
BALLAST WATER	5,275m ³

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