

PW NATUNA



95.4M / 300 MEN SUBSEA INSTALLATION AND DIVE SUPPORT BARGE

PRINCIPAL PARTICULARS

Year Built	2010
Flag	Panama
Call Sign	3FJN3
Builders	Pacific Ocean Engineering and Trading
Official/IMO No	39998-PEXT
Classification	ABS+A1 Accommodation Barge

DIMENSIONS

Length overall (LOA)	95.4 m
Breadth moulded	30.0 m
Depth	6.5 m
Draft (design)	4.0 m
Lightship draft	2.5 m
DWT 4.0m draft	abt. 5,100 t
GRT/ Nett Tonnage	8,691t / 2,607t

DECK LOADING

Cargo Deck area	approx. 1135m ²
Cargo Deck Design Load	10 t / m ²

TANK CAPACITIES

MGO/ Fuel	1323 m ³
Fresh Water	2621m ³
Ballast	3000 m ³

DISCHARGE RATES

Fresh water/pump	1x100 m ³ / hr@80m head
Fuel oil/pump	1x100 m ³ / hr@80m head
Ballast Water	2 x 160 m ³ / hr @ 90m head

MACHINERY

5 x Generator set diesel driven, each 420 kW @ 1800rpm
1 x Radiator cooled emergency generator set 99 kW @ 1800rpm

LIFE SAVING & SAFETY EQUIPMENT

As per SOLAS Class requirement
Liferaft 36 units x 25 persons
Rescue boat Cap 6 persons (Vanguard) c/w davit

ACCOMMODATION

4 x 1 men cabin
10 x 2 men cabin
69 x 4 men cabin
Complement-300 men

DIVING / ROV EQUIPMENT

Saturation Dive System	200M 12 Man Saturation Dive System with independent self-launching Hyperbaric Rescue Chamber
Air Diving System	Dual LARS Classed Air Diving system capable for Nitrox Diving up to 50 meters
Remote Operated Vehicle	125 hp light work class ROV with TMS and shillings manipulator up to 1000 meters

Mooring Winch	8 x skid mounted self-contained single drum rated pull 75t x 10m/min / 20t x 0~30m/min
Drum Capacity	1400m of 48mm dia steel wire rope
Anchors	8 x Flipper Delta 7000kg High Holding Power + 2 spare anchors

DECK EQUIPMENT

PEDESTAL CRANE	All main drive and hydraulic operated, Min boom length 55m offshore floating rating 200t @ 15m radius
Auxiliary Crane	30t @ 10m radius
Buoy Handling Crane	2t x 10m @ B deck bow

Mooring Winch	8 x skid mounted self-contained single drum rated pull 75t x 10m/min / 20t x 0~30m/min
Drum Capacity	1400m of 48mm dia steel wire rope
Anchors	8 x High Holding Power Flipper Delta + 2 spare anchors
Helideck	Suitable for Sikorsky 61N capacity

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
DGPS (Furuno GP37 DGPS Receiver)	1 unit
Aviation Portable Radio	2 sets
Inmarsat (Furuno Felcom 16 SSAS)	1 unit
Inmarsat Fleet Borooband (KVH FB500)	1 unit
Echo Sounder (Furuno FCV-620)	1 unit
Navtex (McMurdo Nav-7)	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, 2 x Icom A24 aviation portable radio beacon)	

ACCOMMODATION / SPACES EQUIPMENT

Galley	1 x 180-catering with cooking utensils/refrigeration
Day Room	2 x Master / Senior Tool Pusher Day Room and Bedroom c/w toilet
Mess Room	2 x abt 150 persons each with furnitures and fittings
Lecture Room	1 x Crew TV/Video room
Recreation Room	2 x Crew / Officer recreation room (including smoking rooms)
Gymnasium	1 x fully outfitted
Laundry Room	1
Changing Room	1
Freezer/ Chiller	1
Heli Waiting Room	1
Watermaker	2 x R/O units @50T/day
Sewage Treatment	300-pax capacity complying to IMO and USCG
Workshop	2 x Company / Deck workshop
Hospital	1 c/w 5 berths, furniture and toilet
Conference Room	1 c/w meeting facilities
Office	3 x furnished at top deck
Radio / Control Room	1 x fully outfitted with communication and fire safety monitoring alarm system at top deck