

## PW NATUNA



### 95.4M / 300 MEN ACCOMMODATION 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 <sup>2</sup>
Cargo Deck Design Load	10 t / m <sup>2</sup>

#### TANK CAPACITIES

MGO/ Fuel	1323 m <sup>3</sup>
Fresh Water	2621m <sup>3</sup>
Ballast	3000 m <sup>3</sup>

#### DISCHARGE RATES

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

#### 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 Flipper Delta 7000kg High Holding Power + 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 Broadband (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)	1 set
Ship Equip VSAT System	1 set

#### 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
Treatment Room	1
Tool Pusher Office	1
Freezer/ Chiller	1
Church Room	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, furnitures and toilet
Con ference 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
Blasting & Painting room	1