

PAC Bintan



191 PAX / 2,400 BHP / OFFSHORE ACCOMMODATION VESSEL

PRINCIPAL PARTICULARS

Built / Converted	1999 / 2008
Flag	Monrovia, Liberia
Call Sign	ELWD9 MMSI: 636 011 001
Official / IMO No	11001 / 9201114
Classification	Bureau Veritas

DIMENSIONS

Length Overall (LOA)	83.47 m
Length between pp (LPP)	83.1 m
Breadth Moulded	20.0 m
Depth	5.0 m
Draft (design)	3.70 m
Draft (minimum)	1.95 m

TONNAGE

Gross Tonnage	4067
Net Tonnage	1220
DWT 3.70 m draft	2,699 T

DECK LOADING

Deck Area	650 m ²
Deck Cargo Capacity	1,800 T
Cargo Deck Design Load	5.5 t/m ²
Reefer Points	20 (220V/440v)

SPEED / CONSUMPTION

Max. speed fully loaded	8 kts @ c. 8MT/day
Max. speed min. draft	9 kts @ c. 8MT/day
Idle/working	4MT per day
Quality of fuel used	MGO

CAPACITIES

Fuel Oil	880 m ³
Potable Water	695 m ³
SW Ballast	1800 m ³

DISCHARGE RATES

Fresh water/pump	1 x 120 m ³ /hr @ 80 m head press
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MAIN ENGINES & MACHINERY

Main Engines	2 x 1,200 BHP YANMAR @ 800 rpm
Generators	4 x 200 kW diesel alternators Cat 3406B 380V 3PH 50HZ 3 x 500 kW diesel alternators Cat3412C 380V 3PH 50Hz 1 x 150 kW emergency diesel alternator Cat 3306 380V 3PH 50Hz
Air compressor	2 units x 240 cfm 10 bar rotary type
Tunnel Thrusters	1 x 350 kW FPP Bow tunnel thruster
Propellers / Steering	2 x 2.1 M FPP 4-bladed propellers
FFA and Survival	Class requirement, with 18 x 25-man liferaft 1 x 6-man rescue boat

DECK EQUIPMENT

Man-Riding Crane	1 AMCLYDE 35000, 160 ft operating height (68T SWL)
Secondary Crane	1 LIEBHERR (36T SWL), 2.1 to 26 m radius / 20 deg angle, max hoisting height at 40 m
Mooring Winch	4 x Amhoist AM77EF Double drum waterfall design, 8 x 1290 m 38 mm SWR with remote control
Mooring Winch	4 x Amhoist AM77EF Double drum waterfall design, 8 x 1290 m 38 mm SWR with remote control
Anchors	8 x Flipper Delta 6T High Holding Power
Gateway	1 x 30 m offshore steel type
Helideck	Suitable for Sikorsky N92 capacity

NAVIGATION & COMMUNICATION EQUIPMENT

VHF fixed	2 x Furuno
Inmarsat C / Navtex	1 x Furuno / 1 x Furuno
E-mail Fleet 77	1 x Furuno
Broadband Internet	Ship Equip Sevsat System C-Band @ 128Kbps
Autopilot	1 x Anschutz
Radar ARPA	2 x Furuno 48nm X-band with 15" display,
GPS	1 x Furuno, 1 x Koden;
Gyro	2 x Anschutz
GMDSS	1 x Furuno
Echo Sounder	1 x Furuno
Speed Log	1 x UNIT
SVDR / AIS	1 x UNIT (Furuno) each
Auto telephone	70 points
Shore telephone	10 points with LAN connection

ACCOMMODATION

Marine Officers/Crew	16
Passengers	175
Berth total	191 (including marine crew)
Passenger Cabins	58 - 3x1 - man, 8x2 - man, 39x4 - man

ACCOMMODATION SPACES / EQUIPMENT

Galley/Mess room	1 x 200 - catering with cooking utensils/refrigeration
Mess Room	1 x 70 - pax same time seating
Recreation Room	1 x fully outfitted with 42" LCD/DVD, 20 - seating, refrigeration unit
Smoke Room	1
Gymnasium	1 x fully outfitted (track + weight machines)
Laundry	3 x washing machines
Surau	1
Watermaker	2 x R/O units @ 40 T/day
Sewage Treatment	200 - pax capacity complying to MARPOL IV
Workshop	1 x c/w welding, oxy-acetylene sets, work bench with lathe machines
Hospital	1 x 2 - bedded, c/w treatment room, toilet + shower, refrigerator + O2 resuscitator
NDT room	1
Conference Room	1 x c/w meeting facilities
Control Room	1 x fully outfitted with communication Equipment
Radio Room	1
Mechanical Shower	1 x outside accommodation