

M.V. Mainport Pine

Seismic Support Vessel

Built: Shin Yang Miri Malaysia 2014
Yard No: 386
Classification: BV 1 Class Notaton – Bv I . Hull. Mach Tug, Supply Vessel – LHNS, Special Service – Seismic Support Vessel, Unrestricted Navigation, **SPS50**

Flag: Marshall IS
Call Sign: V7ZH8
Imo No: 9659335
Owners: Mainport



DIMENSIONS:

Length overall: 54.6 m
Max Draft: 4.75 m
Length B.P: 53.2 m
GRT: 1659 T
Beam Moulded: 13.8 m
NRT: 498 T
Depth: 6.20 m
Deadweight: 1200 T approx

DECK EQUIPMENT:

1x 6 man DOTI boat with Davit
1x Workboat Davit 10 t capacity
1x offshore Deck Crane – 2.5 T at 18mts
1x 60 T approx. Quick release tow hook
1x Streamer Reel Capacity 6,000 mts of cable
1x Fuel reel & 200m of 4" Harwall Fuel Hose
3x 10 mts of 4 Hardwall Fuel Hose+Todo
3 sets of 20 ft container sockets on deck
1x Nortek AD2CP signature series

CARGO PUMPS / DISCHARGE RATES/ER PLANT:

Potable Water: 1 x 50m³/hr/75m
Fuel: 1 x 200m³/hr/75 m Standby
Fuel Pump: 1 x 100 m³/hr/ 75m

SPEED AND CONSUMPTION:

Max speed: 13.2 Knots at 16 TPD.
Cruising: 11.5 kts at 11 TPD
Chase at 4.5 kts 3 TP

MACHINERY:

Main Engine: 2 x Cummins QSK60MT2, -2200 BHP, @1800 rpm Bow Thruster 1 x retractable Azi 5 T thrust approx
Tunnel Thruster: 1 x 3 T - Auxiliaries 3 x Cummins 350 kws each
Shaft Generator: 1 x 250 kW - Emergency Generator 1 x 150 kW
Propellers: 2 x CPP Berg BCP 620
Rudders: 2 x independent controlled

CARGO CAPACITIES / DECK MACHINERY:

Deadweight:	1250.16 T	Diesel Fuel Ships:	327 m ³
Lightship:	1243	Diesel Fuel Cargo:	830 m ³
Displacement:	2493.16 T	Total Fuel:	1157 m ³
Aft Deck:	220 m ²	Fresh Water:	160 m ³
Shelter Deck:	80 m ²	Ballast Water:	381 m ³
Upp F'cstle Deck:	150 m ²	Sludge Tank:	25 m ³

NAVIGATION/RADIOEQUIPMENT:

2x Manoeuvring Consoles Fore & Aft	1x EPRIB
1x ECDIS Radar with ARPA	2x Sart
1x Kongsberg C Joy control	Mag. Compass, Echosounder
2x Radars 1 x X band, 1 x S band	1x Gyro Compass
1x Navtex	2x Searchlights
	1x Autopilot

ACCOMMODATION:

Berths: 50
Officers & Crew: 10
Other Marine Personnel: 40
Hospital: 1 berth
All fully air-conditioned with washrooms/WC

Water Maker:	5 TPD
Urea Tanks:	100 m ³
Lube Oil Holding Tank:	15 m ³
Cargo Fridge Space:	40 m ³
Cargo Chiller Space:	40 m ³
Deck Strength:	5.0 m/Tm ²

Full MF/HF GMDSS system all areas
2x GPS
1x AIS Furuno
6x VHF Handsets
1x VSAT Comms Voice & Data
3x UHF handsets