



Pipelay Vessel PL-02



MAIN PARTICULARS

Built	1975, drydock refit 2021	Anchor winches	12 ea diesel engine single drum 130 MT
Flag	Indonesia	Anchor wire	Nom 1100 m x 52 mm
Classed by	ABS A1 & BKI barge	Mooring anchors	12 ea Delta flippers
Length overall	121.9 m	Storm anchor	1 ea 8MT Baldt stockless, cw 18 shots 493 m of 58 mm stud link chain
Beam	32.3 m		
Operating draft	4.3 m min - 5.5 max	Accommodation	298 men
Gross ton	10,943	Medical	1
Net tonnage	3,283T	Other facilities	Galley, mess, laundry movie, conference, exercise, client office
Clear deck area	___ m2		
Fuel oil tanks	1,533 kl		
Fresh water tanks	2,245 kl		
Ballast water tanks	5,643 kl		

MACHINERIES

Electrical Power

Distribution	480/220/110 V, 60 Hz, 3 Ph
Main generator	3 x 1030 kW Caterpillar
Main switchboard	ABS approved for 3 x 1030 kW generators
Emergency generator	1 x 300 kW Cummins K19

Deck Machinery

Main crane	American 509
Boom length	84 m
Main hook cap, fixed	816 MT
Main hook cap, revolving	595 MT
Auxiliary hook cap	272 MT
Whip hook cap	136 MT / 47 MT
Deck crawler crane	Manitowoc 4100W, 36 MT @15m radius

EQUIPMENT & ELECTRONICS

Pipe-lay Capability

Pipe Diameter Tensioners	6" to 66"
Tension machine	1 x 45.63 MT & 1 x 68 MT
Tension capacity	113.4 MT
A&R hoist	150 MT
Wire rope	Up to 1,226 m x 52 mm dia
Firing line stations	8 total, normally: 4 welding, 1 repair, 1 NDT, 1 heat shrink appl, 1 foam infill
Stinger	1-4 section articulated ballastable max length 73 m
Davits	5 x 50 MT

Auxiliary Equipment

Air compressor	2 x 542 cfm
Main sea water pumps	1 x diesel 283 m3/hr 1 x electric 205 m3/hr
Welding machines	Permanent 43 ea for pipelay, 22 ea for structure
Boiler	31.3 kg steam/hr 19 bar
Water maker	70,000 l/day
Sewage treatment	Omnipure, 15 MX / 15 MXMP
OWS	Hamworthy HS-2M
Helideck	22x22m, Sikorsky S-76

Navigation and Communication Equipment

Communication	VSAT, phone & internet
Inmarsat	Phone & data
Radio	VHF, SSB
Radio beacon	429 kHz "DB"
Echo sounder	Skipper GDS101
EPIRB	1 ea 406 MHz
Radar transponder	Furuno GaAs FET Front End
GPS	Furuno GP-150
AIS	Furuno Universal AIS

Fire Fighting & Life Saving Equipment

Liferafts	24 ea x 25 persons
Rescue boat	1 ea at port side
Safety system	Meets flag & regulatory requirements
Fixed CO2 system	Engine room, wick rooms, paint store