



Pipelay Vessel

PL-04



MAIN PARTICULARS

Built	2002, converted in 2008	Accommodation	80 men
Classed by	DNV / BKI barge	Control room	1 x 40 ft + 1 x 20 ft
Flag	Indonesia	Offices	3 x 20 ft
Length overall	86 m	Mess room	20 person
Beam	27.5 m	Restrooms/showers	1 x 20 ft
Depth moulded	5.5 m	HSE/first aid	2 x 20 ft
Min operating draft	1.5 m		
Gross ton/deadweight	3803 MT		
Clear deck area	550 m ²		
Deck load	10.0T/m ²		
Fuel oil tanks	200 m ³		
Fresh water tanks	300 m ³		
Ballast water tanks	1 x 600 + 2 x 300 m ³		

MACHINERIES

Main Machinery

Main Generator	6 x 350 kW Cummins, 415 V, 3Ph, 50 Hz
Emergency Generator	1 x 60 kW Cummins, 415 V, 3 Ph, 50 Hz
Compressor	2 x 650 cfm

Deck Machinery

Mooring arrangement	8-point mooring system
Anchor Winches	4 x double drum hydraulic winch Integrated mooring system (tension & payout meter) 50 T cap (77 T brake)
Anchors	6 x 3.5 T (+4 spares) + 2 x 5 T Delta Flipper anchors
Anchor Wire	8 x 1200 mm x 38 mm
Main Crane	200 T crawler
Boom length	45 m

EQUIPMENT & ELECTRONICS

Pipe-lay Capability

Pipe Diameter Tensioners	6" to 42"
Tensioner	1 x 30 ft SAS - 25 m/min
A&R Winch	1 x 30t – SAS - 25m/min
Stinger	15 m fix + 24m ballasting with integrated monitoring system
Work stations	6 (Typ. 3 x welding, 1 x NDT/repair, 2 x field joint coating)
Welding system	Manual, semi/fully auto
Davit	6 x 32 T

Auxiliary Equipment

Fresh water maker	
Fresh water pump	1 x 20 m3/h
Ballast water pump	1 x 100 m3/h
Fuel oil pump	2 x 20 m3/h

Navigation and Communication Equipment

Communication	1 x Thuraya
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Fire Fighting & Life Saving Equipment

Life rafts	8 x 25 person
Fire pump	1 x 100 m3/h
Emergency fire pump	1 x 50 m3/h