



Pipelay Vessel

PL-01



MAIN PARTICULARS

Built	2008	Breadth moulded	28.50 m
Classed by	ABS A1 barge	Design draft	4.62 m
		Covered work area	704 m2
Length overall	113.08 m	Deck load	10.0T/m2
Depth moulded	7.30 m	Lightship	6,967T
Gross ton/deadweight	11,563T / 9,954T	Accommodation	260 men
Net tonnage	3,468T	1 man cabin x 6	6 men
Clear deck area	960 m2	2 men cabin x 13	26 men
		4 men cabin x 57	228 men
Helideck (S-92)	D-value 23 m T-value 12.8T	Conference room	1
		Mess room	1
Fuel oil tanks	990.9 m3	Recreation room	1
Fresh water tanks	2,469.64 m3	Hospital	1
Ballast water tanks	10,837.07 m3		

MACHINERIES

Main Machinery

Main Generator	6 x 534kW Caterpillar, 3412C
Emergency Generator	1 x 117.5kW Caterpillar C4.4
Seatrax Crane Generator	1 x 60.5kW Caterpillar 3406C
Kobelco 7450 Crawler	1 x 72 Ton 448kW Cummins KTA-19-C600

Deck Machinery

Anchor Winches	8 x 70T
Anchors	8 x 12 Delta Flipper
Anchor Wire	8 x 52mm Ø x 1500m

Main Crane	60T Seatrax Crane
Main Hook Capacity	60.5T @ 7m Radius
Auxiliary Hook Capacity	14T @ All Radius
Crawler Crane	Kobelco 7450 Crane
Main Hook Capacity	72T @ 12.24m Radius
Auxiliary Hook Capacity	11T @ All Radius

EQUIPMENT & ELECTRONICS

Pipe-lay Capability

Pipe Diameter Tensioners	4" to 60"
A&R Winch	2 x 60T SAS 1 x 120T SAS Wire Dia. 64mm x 700m 5 x Manual or Automatic
Field Joint Welding stns	1 x Radiography or U.T.
NDT	1 Set
Coating Station Pipeline Stinger	31.7m

Auxiliary Equipment

Fresh Water Maker	
Oily Water Separator	2 x 50T/day 21 x 1m ³ /hr (15ppm)
Seawage Treatment Plant	2 x IMO Approv Treatment Plants for 300 crew
Ballast Pump	2 x 360m ³ /hr @ 30m head
Bilge Pump	2 x 20m ³ /hr @ 35m head

Navigation and Communication Equipment

GPS Satellite Nav	1 Set x Furuno GP-37
Echo Sounder	1 Set x Furuno FCV-620
Navtex Receiver	1 Set x Furuno NX-700
Daylight Signaling Lamp	To be supplied
Radar	1 Set x Furuno FR-1510 RDP-119
VHF Airband Transceiver	1 Set x ICOM IC-A200
VHF Marine Transceiver	7 Sets x IC-M50425
2-Way VHF Radios	3 Sets x McMurdo R2 & Simrad
VHF Radiotelephone	2 Sets x Furuno FM-8800
MF/HF Transceiver	1 Set x Furuno FS-2571C
AIS	1 Set x Furuno FA-150
Inmarsat C Station	2 Sets x Furuno Felcom 15
EPIRB	1 Set x McMurdo E5
SART	2 Sets x McMurdo S4
Telephone System	1 Set x Zenitel Marine ACM-E7
Public Address/PAGA	1 Set x Zenitel Marine ETB/SPA
NDB	1 Set x SAC SA-100
VSAT	1 Set
Fleet Broadband 500	2 Set

Fire Fighting & Life Saving Equipment

Fire Fighting/ GS Pumps	2 x 180m ³ /hr @ 120m head 1 x 65m ³ /hr @ 65m head
Emergency Fire Pump	2 x Foam Monitors
Helideck AFFF	Fixed CO2 Fire Extinguishing System
Smoke Detectors and Auto Sprinkler System	
Rescue Boat	1 x 6 pax rescue boat
Life Rafts	30 Pcs
Helideck Crash Kit	1 Set
SEEBD	8 Sets
Life buoy	4 Pcs
Life buoy with light	6 Pcs
Life buoy with 30m line	2 Pcs
Life buoy w/light and smoke	2 Pcs
Life Jackets	518 Pcs

