

ELNUSA SAMUDRA 3

Work Experience:

On operation since 2007 for
Total E&P Indonesia in Delta
Mahakam field for supporting
Well Testing Service



Owner:
PT Elnusa Trans Samudera
Year of Built:
2007
Flag:
Indonesia
Class:
BKI

GENERAL SPECIFICATION ELNUSA SAMUDRA 3

Main Dimensions

L O A	: 45.74 (150') (M) (ft)
Breadth	: 15.24 (50') (M) (ft)
Depth	: 3.05 (10') (M) (ft)
Draft	: 2.40
GRT	: 591 tons
NRT	: 178 tons
Last Dry Dock	: -

Cargo Capacity

Fuel Oil	: 18.60 M3
Fresh Water	: 116.00 M3
Ballast	: 928.00 M3

Crane

Type	: Hydraulic Pedestal Folded Crane HIAB H 288 EP4CLX; 9.3 tons , boom length, radius 2.5M; Min 2 Ton@12M boom length c/w Loadcell and indicator
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Facilities

Galley Room	: 1 Fully equipped Galleys with separate messing facility
Control Room	: Fully equipped radio and panel control facilities
Laboratory Room	: 1 Large well equipped facilities
Rest Room	: Fully equipped 2 Beds facilities
Store Room	: 1 Large Store facilities
Pantry	: 1 Fully equipped facilities
Praying Room	: 1 Fully equipped facilities

Mooring System

Anchor	: 2x Type STOCKLESS ANCHOR
Fairlead	: 2x UK Mordec 32mm swivel pieces+6m common link for 2.49 tons
Winch	: Plimsoll, Weight: 2.46 Ton, Wire Size = 1" x 60 m Length, c/w lifting gear Accessories

Machinery Equipment

Main Engine	: 2 x Mitsubishi Stamford, 300Kw, 1500rpm, 380V; 2011 BMGS-375 / S6B3-PTA
Aux. Generator	: Mitsubishi, 16KW, 1500Rpm, 380V; BMGS-20-ST-P5 / S4Q2
Air Compressor	: 2x SWAN, 15 HP, 3 Ph, 4 Pole, 11 kW:M: 3Phase, 4Poles, 15Hp, 11Kw, 50Hz, 1455Rpm, 380V-21.8A /660V-

12.6 A: Compressor : Cap= 65ACFM,
Out.Press. = 135 Psig: 1x ELGI, DT
750 - 125 Model = 6CTA8-3-C, Rated=
230Hp@2000RPM:

Air Receiver : Cap=165 Ltr, Max. Press= 14 Kgf/cm2

Navigation & Communication Equipment

3 Set Clinometer Barigo, Navigation lighting system, 1 Set Code
Flag, Fog Horn, Signal Lamp, Magnetic Compass, 2 Unit VHF
Marine Transceiver ICOM, 1 Unit HF-SSB Base Station ICOM
HF Marine Antenna Shakespear 393, Automatic Antenna
Tunner ICOM AT-130, 2 Set Connector 3 Set Portable Radio
Communication Motorola, 3 Set Public Address/Intercom
System, Amplifier, DC 24 Volt Emergency Light, Barometer,
Thermometer.

Welltesting Equipment Support

Air Scrubber	: Cylinder, Size : 36" OD x 5'-0" S/S Length, 150PSIG/200DEG.F
Flush Drum	: Vertical Type, 10mm x 762mm (OD) x 2337mm (S/S), 8.1Kg/Cm2g
Gas Scrubber	: Vertical Type, 58 OD x 10 S/S Length, 225PSIG/200DEG.F
Separator	: Horizontal Type, 45mm x 1067mm (ID) x 4572mm (S/S), 101.2 Kg/Cm2g
Sump Tank	: Rectangular, Cap: 199BBL, Size: 4.8 x 3.6 x 1.8m, ASME.SEC V
Test Tank	: Size: 8 x 8 x 10Ft , 150Deg.F, Cap: 300Ltr, Thickness: 3.2mm
Boom Burner	: The Boom designed fixed to the barge with min. 17meters (Length) + 2 meter Head of Burner. Complete with lifting gear accessories
	Electric Line for pilot and Ignition System, Burner Capacity 5000 BOPD 3" Water line, 1" pilot gas line, 8" Blowdown Line

Safety Equipment

Life Raft	: 2x HAINING, 15 Men capacity Liferaft, SOLAS A-PACK Requirement
Fire Fighting	: Fully Compliant with SOLAS requirements
Fire & Smoke Alarm Syst	: Audio & Visual alarms located at all strategic zones / Zone II