

ELNUSA SAMUDRA 1



Owner:
PT Elnusa Trans Samudera
Year of Built:
2005
Flag:
Indonesia
Class:
BKI

Work Experience:

On operation since 2005 for Total E&P Indonesia in Delta Mahakam field for supporting well intervention services (such as Slickline & Wireline)

GENERAL SPECIFICATION ELNUSA SAMUDRA 1

Main Dimensions

LOA	: 45.30 (148.6') (M) (ft)
Breadth	: 9.00 (29.52') (M) (ft)
Depth	: 2.70 (8.85') (M) (ft)
Draft	: 1 - 2.25
GRT	: 413 tons
NRT	: 124 tons
Last Dry Dock	: 30 Juli 2011

Accommodation & Facilities

Main Deck Level	: 10 Persons
Bridge Deck Level	: 14 Persons
Wheel House Level	: 3 Persons
Total Beds	: 27 Persons
Galley Room	: 1 Fully equipped Galleys w/ separate messing facility
Control Room	: Fully equipped radio and panel control 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

Cargo Capacity

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

Crane

Type	: Floating Pedestal Crane / Telescopic Boom, TEREX BT-7000 1995; 2 tons, 21.9M boom length, radius 18.2M; Min 1.7 Ton@21.9M boom length c/w Loadcell and indicator
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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 Marine Diesel Caterpillar 3408-B, 450HP, 1800Rpm Cooling system heat exchanger
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Aux. Generator	: 2x Mitsubishi, 6D24-TE2/TCE2, 269 HP; 1x Mitsubishi, 4D32, 110 HP
Air Compressor	: 1x 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 UNOAIR, 5071300008 Model = 150-500, Rated= 15Hp Air Receiver: Cap=500 Ltr, Max. Press= 8 Kg/cm2

Pump Capacity

Fuel Pump	: 2x Tatum, Model FBFC; M: 3Phase, 4Poles, 3HP/2.2Kw, 50Hz, 220V/8.45A
Ballast	: 2x Self Priming Pump/Teco, 15 kW/2900 rpm / 380 V; M: 3Phase, 2Poles, 10HP/2000RPM, 50Hz, 220V/26.1A
Bilge	: 1x Nissin; M: 3Phase, 2Poles, 7.5Hp/5.5Kw, 50Hz, 220V/10.6A; P: Cap= 145 USG PM; 3Hp; 2000Rpm; 66Ft TH
OWS c/w Pump	: HUANSHUI, CYF 0.25 Rate : 0.25 m3/h Electrical plunger pump; Capacity = 0.25M3/H, Discharge pressure = 30 Psig; 0.75.KW; 380V; 50 Hz.
Diesel Fire Pump	: Southern Cross/Mitsubishi, 36,8Kw ; 1500Rpm; 100 x 65 x 250, Max cap= 60M3/Hr, Max Disch pres. = 150 Psig
Electric Fire Pump	: DESMI/TECO, S-160 60-75/A-09/Z; M: 3Phase, 2poles, 50HP/37 KW, 50 HZ, 2935Rpm/380V; P: Max.Cap= 60M3/ Hours, Max.Disch pres=150 Psig
Fresh Water	: 3x Sanyo, P H151A 150W, 220V; M: 2Poles, 50Hz, 220V (AC)

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