SAN-15



5th Floor, Shariff Towers, Main Road, Pallamraju Nagar, Kakinada – 533001, Andhra Pradesh, India.
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SPECIFICATIONS

REGISTRATION	
Name of the Vessel	SAN 15
Type of Vessel	OFFSHORE SUPPORT VESSEL
Year of Built	2008
Class	IR Class
Class Notation	Offshore Support Vessel
Statutory	Complies with Latest SOLAS and CSR Rules
Intended Flag	Indian
Port of Registry	Kolkata
Builder	POET Wuxi Yard, China
Gross Tonnage	564
Net Tonnage	169
DIMENSIONS	
Length Overall	41.80 M
Breadth Moulded	10.00 M
Depth Moulded	04.20 M
Summer Draft (Load line)	3.60 M
Dead Weight	477 Tons
PERFORMANCE	
Trial Speed (100% MCR)	12 Knots
Service Speed (85% MCR)	10 Knots
CARGO CAPACITIES	
Clear Deck Space	150 M^2
Deck Strength	5 Ton/ M^2
Fuel Oil	184.53 M^3
Fresh Water	184.50 M^3
Foam	1 X 6 M^3
Dispersant	6.47 M^3
CARGO PUMPS	**DISCHARGE CAPACITIES**
Fuel Oil Cargo	1 x 50 M^3/hr @ 100 M Head
Fresh Water Cargo	1 x 50 M^3/hr @ 100 M Head (1 x 50 Cu.M/hr @ 100 M Head = confirmed correct
EXTERNAL FIRE FIGHTING	
Fi-Fi Pump	1x750 M^3/hr
Monitor	1x750 M^3 /hr. Fire/foam monitors @ 11.5 bar remote joystick controlled from bridge
Foam	Eductor

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OIL DISPERSANT SYSTEM	
Dispersant System	2x5 M Spray, 6 M3 Tank
LIFE SAVING EQUIPMENT & FIRE FIGHTING APPLICANCES	
Fast Rescue Boat & Davit	1 No 15 Man / Viking – 15/ 30 Knots
Life Rafts	4 x 20 Men Inflatable Life Rafts
LSA/ FFA	As per SOLAS requirements
Fire Fighting Material	Fire Main incl emergency, Fire Detection System,
Others	Rescue Zones, BA Sets, Gas Detectors, Stretcher,
ACCOMMODATION	**20 Persons**
One Man Cabin	2 Cabins
Two Men Cabin	3 Cabins
Four Men Cabin	3 Cabins
Toilets with Shower	Officers cabin , Hospital & Common toilets(FW,
Mess/ Recreation room	12 Pax Mess / Recreation Room-4 Tables
Others	Survivor Room-80 Seating's, 1 Office Space,
MISCELLANEOUS	
Oil Water Seperator	1x0.5 M3/Hr. Compliant with MARPOL
H2S & LEL	5 Sensors, Visual & Audible alarms
Flow Meters	F.O and FW. Local & Remote Display
Purifiers	1x diesel Oil Purifier Westfalia – OCT2-02-137
AC & Refrigeration Plants	2 Nos each; one being 100% stand-by.
UV Sterilizer (Galley)	Bottled Mineral water only
Sewage Treatment Plant	1x20 Persons
WHEEL HOUSE	**EQUIPMENTS**
Magnetic Compass	1 No. Saura Keiki MR-150
Gyro Compass Meter	1 No. ANSCHUTZ-STD22
Auto Pilot	1 No. ANSCHUTZ-NP60
Radar, 10 cm	2 Nos. RDP-118/RDP-119
GPS (Furuno/ Samsung)	2 Nos. GP-150/SPR 1400
Speed/ Distance Log	1 No. DS-80
Echo Sounder (Furuno)	1 No. FE-701
Navtex (Mcmurdo)	1 No. KLS-NAV-7
Weather Fax (Furuno)	1 No. FAX-408
Talk Back System	1 No. ETB-100A
GMDSS Station	INM 446604310
Watch Keeping Receiver	FS-2570C (SSB)
Public Address System	ETB-100A
Barometer	DYM3
Fax Machine, Bridge – 1	MFC-3360C
VHF/DSC	2 Nos. Furuno - FM-8800S

Satcom – C	2 Nos. FELCOM-15
AERO VHF	1 No. IC-A200
SART	2 No. KLS-S4-1
Hand Held VHF	3 No. Motorola-GP328
EPIRB	1 No. FA-1502
GMDSS VHF	3 No. MF-8
VHF Radio	2 No. RT 2048-HUSUN 204
AIS	1 No. FA-1502
PROPULSION	
Main Engine	2 x 736 KW(1000 BHP each)1500 RPM ,YANMAR
Step-up Gear BoxRatio	2 x MGN9BL
Propulsion	2 x Fixed Pitch Propeller
Steering Gear	2 x PEH 2502- Pal marine electro hydraulic
Rudder	2 x 1.25 Ton-mtr - estimated peak Torque
Diesel Generators	3 x 130 Kw, 415V, 50Hz (Volvo Penta D7A-TA.139 + Stamford)
Emergency/ Generator	60 KW,415V/50Hz/3Ph
Bow Thrusters	1x2.5 T, Fixed Pitch Tunnel Thruster
DECK MACHINERY	**ELECTRO-HYDRAULIC**
Anchors	2x675 kg (HHP)
Anchor Chain	2x Dia. 24mm x 302.5 m U3 stud link
Anchor Windlass	One-Electrohydraulic, 2.3 T at 10m/min with central drum cap-64 Diax100M PP Rope
Capstan	Two-Electric, 3 Ton at 10m/min
Stores Davit	One-Electric, 1.5 SWL at 3 M radius
Chain Stopper	Two
Prov Crane	1 x 1.5 Tons @3.5 Mtrs
Deck Cargo Crane	1 x 3.3 Tons @4.8 Mtrs, Palfinger marine PK 3208 M
Capstan	2 x Electric x 3 Ton@10 Mtr / Min
Reefer Container Base	Equipped with base to secure a 20 ft reefer on deck.
Garbage Skips	4 x skips can be accommodated