



AOS NEPTUNE



Atlantic Maritime Group FZE

www.atlanticnavigation.com

GENERAL PARTICULARS

Year of Build / Place	: 2015 / China
IMO Number	: 9783629
Call Sign	: 3EYF6
Flag / Port of Registry	: Panama / Panama
Class	: ABS
Notation	: ⚡ A1, FFV1, OSR-C2, Offshore Support Vessel, Supply, E, ⚡ AMS, ⚡ ACCU, ⚡ DPS-2
GRT / NRT	: 2987 / 924
Vessel Manager	: Atlantic Maritime Group

DIMENSIONS

Length OA	: 75.00 m
Length BP	: 64.47 m
Breadth	: 17.25 m
Depth	: 8.00 m
Draft (Maximum)	: 6.60 m
Displacement @ Max. Draft	: 5732 T
Deadweight @ Max. Draft	: 3241 T
Lightship	: 2491 T

MACHINERY

Main Engine	: 2 x Yanmar 8EY26W @ 750 RPM Total: 6000 BHP; 4420 kW
Gear Box	: KUMERA (Fi - Fi / Shaft)
Main Generators	: 3 x Caterpillar C18, 492 kW, 415 V, 50Hz @ 1500 RPM
Shaft Generators	: 2 x Cummins PM734E2, 1200 kW, 415 V, 50 Hz
Emergency Generator	: 1 x Cummins, 130 kW, 415 V, 50 Hz @ 1500 RPM
Propellers	: 2 x Kawasaki Rexpeller Azimuth Thruster, 245 RPM
Bow Thrusters	: 2 x Nakashima TCT - 150, Tunnel, 650 kW, 10 T Thrust 1 x Nakashima TCT - 135, Tunnel, 520 kW, 8 T Thrust

FIRE FIGHTING & SAFETY EQUIPMENT

Fi-Fi Pumps	: 2 x 1800 m ³ / hr @ 120 m Head
Fi-Fi Monitors	: 2 x 1200 m ³ / hr with Remote Control
Fixed CO2 System	: In Engine Room
Rescue Boat & Davit	: 1 x 9 Pax (Open Type) & 30 KN Single Arm
Life Rafts	: 8 x 25 Persons (Inflatable - Throw Type)
Life Buoys	: 8 Nos
Fire Hydrants	: 17 Nos (50 NB) & 8 Nos (65 NB)
Life Jackets	: 67 Nos
Cascade System (Optional)	: Available

DECK MACHINERY & EQUIPMENT

Deck Crane	: 1 x Hydraulic Knuckle Boom Pedestal Crane
On Board SWL	: Main Hook 32 T @ 6 m & 7.5 T @ 20.10 m Radius Aux Hook 10 T @ 10.7 m & 7.3 T @ 20.7 m Radius
Off Board SWL	: Main Hook 25 T @ 6 m & 5.6 T @ 20.1 m Radius Aux Hook 10 T @ 10.7 m & 4.7 T @ 20.7 m Radius
Windlass	: 1 x Mentrade; Hydraulic; 12 T @ 12 m / min Double Gypsies with Double Warring Ends
Capstans	: 2 x Mentrade; Hydraulic; 10 T @ 15 m / min
Anchors	: 2 x 1980 KG D - 14, HHP Anchor
Chains	: 14 Shots each side 385 m x 50 mm
Tugger Winch	: 2 x Mentrade; Hydraulic; 15 T @ 15m / min
Motion Compensating Gangway (Optional)	: 1 x 15 m Offshore Docking Gangway; UNDERTUN Live Load: 1 Person & Emergency Load: 3 Person

DP SYSTEM

Make	: Kongsberg K-Pos-21 DP-2
	: 2 x DGPS, 1 x Radius, 1 x Cyscan; 3 x Gyro compass 3 x Wind Sensors; 3 x MRUs; 1 x cJoy

CAPACITIES & PERFORMANCE

Fresh Water Tank	: 553.10 m ³
Fuel Oil Tank	: 726.30 m ³
Drill Water / Cargo Fresh Water Tank	: 1517.30 m ³
Permanent Fresh water Tank	: 80.00 m ³
Mud Tank	: 739.40 m ³
Cement / Bulk Storage Tank	: 227.80 m ³
Base Oil Tank	: 132.60 m ³
Foam and Dispersant Tank	: 12.20 m ³ (Each)
Bilge, Ballast & Fire / GS Pump	: 3 x 80 m ³ / hr @ 70 m Head
Fresh Water Pump	: 1 x 150 m ³ / hr @ 80 m Head
Drill Water/ Cargo Fresh Water Pump	: 1 x 150 m ³ / hr @ 80 m Head
Cargo Fuel Oil Pump	: 2 x 150 m ³ / hr @ 80 m Head
Mud Pump	: 2 x 75 m ³ / hr @ 90 m Head
Deck Cargo Space	: 700 m ²
Design Deck Load	: 5.5 T / m ²
Deck Cargo Capacity	: 1200 T
Speed	: 12.5 knots
Fuel Consumption	: 12 m ³ / day @ CSR 21 m ³ / day @ MCR
Bulk Air Compressor	: 2 x 25.6 m ³ / min @ 6 bar; Ingersoll Rand
Starting / Service Air Compressor	: 3 x 30 m ³ / hr @ 30 bar
Sewage Treatment Plant	: 58 Persons
Oily Water Separator	: USCH - 10; Capacity - 1 x 1.0 m ³ / hr
Fresh Water Maker	: 2 x SW 10TK; Capacity - 10 m ³ / day (Each)
Chiller & Freezer	: 1 Month for 58 Persons
Dispersant System	: Available
Power Supply Sockets (Deck)	: 5 x 415 V @ 32 A; 1 x 415 V @ 63 A

NAVIGATION & COMMUNICATION EQUIPMENT

Fixed VHF	: 2 x JRC - JHS-770
Portable VHF (GMDSS)	: 3 x Jotron Tron TR20
MF/ HF/ DSC	: 1 x JRC - JSS-2150
Navtex	: 1 x JRC - NCR 333
Auto Pilot	: Alphatron (Alphaseapilot MFC)
Magnetic Compass	: 1 x Saura
Gyro Compass	: 3 x Yokogawa CM2900
AIS	: 1 x JRC - JHS 183
GPS	: 1 x JRC - JLR 7500
EGC	: 1 x JRC - JUE 87
SSAS	: 1 x JRC - JUE 87
GMDSS	: Area A1+A2+A3
Inmarsat C	: 1 x JRC - JUE 87
Radar	: 2 x JRC - JMA 5312/JMA 5332
EPIRB	: 1 x Jotron Tron 60S
SART	: 2 x Jotron Tron SART 20
Intercom/ P.A System	: Hanchin HX-72
V-SAT	: V-Sat Broadband (High Speed)

ACCOMMODATION

1 Man Cabin	: 6 Nos
2 Man Cabin	: 26 Nos
Total	: 58 Person
Hospital	: 1 No
Recreation Room	: 1 No
Mess Room	: 1 No
Office	: 2 No

All Cabins are Fully Air Conditioned