

AOS Victory



AOS Victory is a vessel equipped with two (2) Controllable Pitch Propellers and two (2) bow thrusters and one (1) stern thruster. It is built of steel and engine room is located in the middle.

This Vessel is designed to obtain the following roles:

- a. Transport liquid cargo, bulk cement, liquid mud, stores, materials and equipment
- b. External fire fighting
- c. Move men and materials between platforms
- d. Operation to be 24 hours/day continuous operation, capable of remaining on station for a minimum of 14 days.
- e. Towing and anchor handling duties.



Atlantic Maritime Group FZE

AOS Victory

PRINCIPAL PARTICULARS

Length Overall:	60.50 m
Length Waterline:	58.15 m
Breadth Moulded:	15.80 m
Depth Moulded:	6.50 m
Draft (designed):	5.10 m
Year Built:	2014
GRT/NRT:	2081 / 624
Class:	ABS
Flag:	Panama
Call Sign:	3FWV6

CARGO CAPACITIES:

Deadweight:	1500 T
Deck Cargo:	500 T
Deck Strength:	7 T/m ²
Clear Deck Area:	370 m ²
Fuel Oil:	596.8 m ³
Fresh Water:	412.4 m ³
Drill Water / SWB:	594.3 m ³
Liquid Mud:	271.2 m ³
Bulk Mud:	4 x 42.5 m ³
Freezer:	20 m ³
Cooler:	20 m ³
Foam:	13 m ³
Dispersant:	13 m ³
Lube Oil:	

DECK EQUIPMENT

Windlass:	10T @ 12m/min for 40 mm dia.
Anchor:	2 x 1305 kg
Chains:	220 m x 40 mm dia.
Capstan:	2 x 5T @ 15 m/min
Tugger Winch:	2 x 10T @ 15 m/min
Rope Reel:	1 x 5T @ 15 m/min
	Cap: 1000 m (L) x 56 mm dia.
Deck Crane:	3T @ 10 m

PERFORMANCE

Maximum Speed:	13.5 knots
Economical Speed:	10 knots

DISCHARGE RATES

Fuel Oil:	150 m ³ /hr @ 75 m head
Portable Water:	100 m ³ /hr @ 75 m head
Drill Water:	100 m ³ /hr @ 75 m head
Liquid Mud:	2 x 70 m ³ /hr @ 75 m head
Bulk Mud / Cement:	2 x 13.0 m ³ /min @ 80 psi

PROPULSION SYSTEM

Main Engines:	2 x Caterpillar MAK 8M25C 3265 bhp / 2400 kW @ 750 rpm
Reduction Gears:	2 x Reintjes LAF 2355 ratio 4:120:1
Shaft Generator:	2 x 1000 kW main engine driven 415 V/ 3 ph/ 50Hz/ 1000kW
Main Generator:	3 x 400 kW diesel driven 415 V/ 3 ph/ 50 Hz/ 400kW
Emergency Generator:	1 x 80 kW
Bow Thruster:	2 x 8.0T electric driven
Stern Thruster:	1 x 8.0T electric driven
Propellers:	2 x controllable pitch propeller 4-bladed, 3337 mm dia.
Rudders:	2 x double plate flat type
Steering Gear:	2 x independent electro-hydraulic

TOWING / ANCHOR HANDLING EQUIPMENT

Bollard Pull:	83.16T (approx)
Winch:	1 x 150T line pull
Stern Roller:	4.5 m x 1.5 m SWL: 250MT
Shark Jaw & Tow Pins:	200T hydraulic operated type



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DYNAMIC POSITIONING SYSTEM

DP 2 System: Dynamic Positioning 2

- 2 x DGPS
- 1 x joystick
- 2 x operator station
- 2 x MRU
- 3 x wind sensor
- 3 x gyro compass

RADIO AND NAVIGATION EQUIPMENT

GMDSS: Area A1+A2+A3

SSB: 1 x Furuno FS-2575

VHF: 2 x Furuno FM8900S

MF/HF DSC: 1 x Furuno Rc-1800T (250W)

Inmarsat C: 2 x Furuno Felcom-18

Radar: 2 x Furuno Far-2117

Echo Sounder: 1 x Furuno FE-700

Gyro Compass: 3 x Simard GC-80

SART: 2 x Mc Murdo S4

VHF radios: 3 x Mc Murdo R2 (portable)

EPIRB: 1 x Mc Murdo E5

Magnetic Compass: 1 x Saura SR-165

Speed Log: 1 x Furuno DS-80

Naxtex Receiver: 1 x Furuno NX-700A

GPS Navigator: 1 x Furuno GP-150

Weather Fax: 1 x Furuno FAX-408

LIFE SAVING AND HSE EQUIPMENT

Search Lights: 3 x 2000 W

Floodlights: 5 x 1000 W

Liferafts: 6 x 25 men

Lifejackets: 90 sets

Lifebuoys: 8 sets

Rescue Boats: 1 x 6 men

ACCOMMODATION

Configuration: 5 x 1 man cabins
5 x 2 men cabins
11 x 4 men cabins

Total: 59 men

Hospital: 1 x 1 men

Accommodation is fully air conditioned

GALLEY AND LAUNDRY EQUIPMENT

Electric Cooking Range: 6 x hot plates, 1 oven

Refrigerator Capacity: 500 liters

Freezer Capacity: 290 liters

Electric Water Boiler: 10 liters

Washing Machine: 1 x automatic 6 kg

Dryer: 2 x w/ exhaust fan

Iron: 2 x iron

2 x ironing boards

FIRE FIGHTING AND ANTI-POLLUTION

EXTERNAL:

FIFI Class 1 c/w Water Spray

Fire Pump: 2 x 1400 m³/hr @ 110 MLC

Water / Foam: 2 x 1200 m³/hr

Search Lights: 3 x 2000W

Dispersant S/B: 13 m³

INTERNAL:

Emer Fire Pump: 35 m³/hr @ 5.0 bar

1 x Co₂ System: in Main Engine Room

MISCELLANEOUS

Sewage Treatment Pl: one set

Oily Water Separator: one set



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