

# QMS MARIMBA

65M 7000 BHP ANCHOR HANDLING SUPPLY / OIL RECOVERY /FIFI 1 / DP 2 VESSEL ( HULL NO. 132203 )

## GENERAL

Year of Build / Place	: 2015/China
Class	: ABS
Notation	: + A I (E) Offshore Support Vessel (AH, Tow, Supply, FFV1, , OSR-C, SPS) + AMS + DPS 2
Port of Registry	: St. Vincent & the Grenadines

## DIMENSIONS

Length OA	: 65.00 m
Length BP	: 57.30 m
Beam Moulded	: 16.80 m
Depth Moulded	: 7.00 m
Draft Designed	: 5.00 m
Draft Scantling	: 5.90 m
Deadweight	: 2.569,8 Tons

## MACHINERY

Main Engines	: 2 x Niigata 8L28AHX
Horse Power	: 3500 PS each @ x 750 RPM
Auxiliary Engine	: 4 x Caterpillar C 18
Alternator	: SR4,PM,550 EKw, 60 Hz, 0.8PF 440V, 3 Phase
Emergency Generators	: 1 x Caterpillar C6.6 138Kw, 60 Hz 0.8 PF, 440V, 3 Phase,
Propellers	: 2 x Niigata-41B Azimuth Thruster

## CAPACITIES & PERFORMANCE

Portable Water	: 510.6 m3
Fuel Oil	: 586.6 m3
Drill Water	: 870.3 m3
Dry Bulk Cargo Tanks	: 230 m3
Mud/Bine/Recovery Oil	: 562 m3 (SG 205)
Lube Oil	: 2 x 11.2 m3
Hyd. Oil	: 4.7 m3
Dirty Oil	: 11.3 m3
Foam	: 20.6 m3
Dispersant	: 20.6 m3
Oily Water Separator	: 1 x 1.0 m3/hr
Deck Cargo Capacity	: 750 Ton
Deck Cargo Space	: 480 m2
Cargo Deck Design Load	: 7.5 ton / m2
Performance Speed	: 12.5 Knots at trial condition, 100% MCR, design draft
Bollard Pull	: 91.81 Tons

## ACCOMMODATION

8 x 1 berth cabin	: 8 men
3 x 2 cabins	: 6 men
9 x 4 cabins	: 36 men
Total	: 50 men

## FIRE FIGHTING & SAFETY EQUIPMENT

Fire Monitor	: 2 x 1200 m3/hr
External Fire Pump	: 2 x 1860 m3/hr diff.pressure 120 MLC
Emergency Fire Pump	: 1 x self priming centrifugal pump electric motor, 45m3/hr @ 65.6 m head
Life Rafts	: 6 x 25 men SOLAS approved
Lifebuoy	: 8 x 2.5 kg/5kg SOLAS approved
Life Jackets	: 62 nos. SOLAS approved
Rescue Boat	: 1 x 15 men rigid inflatable, diesel board engine, SOLAS approved
Rescue Boat Davit	: 1 x Solas approved

## DECK MACHINERY EQUIPMENT

Anchor Windlass	: 2 x hydraulic, 10 Ton @ 9M/min for chain cables
Mooring Winch	: Hydraulic 6 Ton x 0-15m (low speed) 2 Ton x 0-30m/min (high speed)
Tugger Winch	: 2 x 10 Ton line pull @ 15M/min at 1st layer
Capstans	: 2 x electro hydraulic, 10 Ton line pull @ 15M/min
Shark/Jaws/Tow Pin	: 1 x hydraulic operate 250 Ton Shark /Shark Jaws / Tow Pin control at local and remote wheel house
Anchor Handling	: 1 x electro hydraulic waterfall type double drum anchor handling / towing winch with 150 Ton line and 250 Ton break holding at 1st layer
Anchors	: 2 x AC14 stockless anchors, 2,030kg each
Anchor Chains	: Total length of 660M x 40mm/ Grade U3 stud-link chain cables
Mooring Lines	: 6 x 180m long mooring ropes of min. 23.5 Ton breaking strength
Crane	: 1 x electro hydraulic telescopic deck crane, SWL 3 Ton @ 15M radius

## COMMUNICATION & NAVIGATION EQUIPMENT

MF/HF	: 1 x 150 W Furuno FS - 2575 - C
VHF	: 2 x 25/1W Furuno
GMDSS Console	: 1 x Furuno
INMARSAT C	: 1 x Furuno Felcon 12
SSAS	: 1 x Furuno
Echo Sounder	: 1 x Furuno FE -700
Radars	: 2 x Furuno (x/s band)
Gyro Compass	: 3 x Anschutz
Magnetic Compass	: 1 x Lily & Giley with 1 spare magnetic
Navatex Receiver	: 1 x Furuno MX-700A
GPS	: 1 x Furuno GP -150
Anemometer	: 3 x RM Young
Autopilot	: 1 x Anschutz NP60
AIS	: 1 x Furuno FA-150
EPIRB	: 1 x 406MHZ McMurdo
SART	: 2 x 9GHZ McMurdo
Multichannel VHF	: 3 x MCMurdo
GMDSS Survival Radio	

## DYNAMIC POSITIONING SYSTEM

Kongsberg Dual Redundant System
Reference Systems:
2 x differential DGPS Positioning System
2 x VRS
1 x Cyscan laser reference System
1 x Raduis System
DP2 System Interface to include:
3 x Gyros Compass
3 x VRS
3 x Wind Sensors
2 x DGPS
1 x Cyscan laser reference system
1 x Raduis System, Thruster
Interface,Power System Interface
NOTE:Dynamic Positioning System to meet DPS-2 Class
Notation