



Global Spectrum Energy Services Plc

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MV ASHLEY

40METER NEW GENERATION OFFSHORE CREWBOAT

VESSEL OVERVIEW	
Vessel Type	: 40-metre Aluminium Fast Support Vessel
Year Built	: April 2014
Classification	: ABS +A1 HSC +AMS "Crewboat"
Safety Regulation	: ABS and Flag State Requirements
ABS and Flag State Requirements	: MARPOL, SOLAS, IMDG

HULL PARTICULARS	
Length overall	: 40.00 m
Beam	: 7.60 m
Moulded Depth	: 3.65 m
Loaded Draft (Approx)	: 1.89 m

CARGO DECK	
Clear Deck Space	: 110 sqm
Deck Cargo Capacity	: 60 MT
Deck Strength	: 2.0 MT / sqm
Deck Dimensions	: 18.35 m x 5.9 m
Cargo Railing Height	: 1.0 m
Deck Crane	: 0.5 Ton @ 6 m
Remarks	: Adequate cargo retainers and lashing lugs on both sides for securing deck cargo

TONNAGE	
GRT	: 265 MT
NRT	: 84 MT
DWT	: 140 MT

MAIN MACHINERY	
Number of Main Engines	: 3 units with resilient mountings
Make and Type	: Cummins KTA-38-M2
Total BHP	: 3 x 1,350 BHP @ 1900 rpm
Propellers	: 3 x fixed pitch, nickel alum bronze, 5 blades
Bow Thruster	: 1 unit electro-hydraulic @ 100 HP
Remote CCTV System for Engine Room	: Fitted

PERFORMANCE ESTIMATED	
Maximum Speed	: 27 knots @ 100% MCR @ 35.0MT DWT
Maximum Fuel Consumption	: 770 L/hr
Economical Speed	: 25 knots @ 85% MCR @ 35.0MT DWT
Economical Fuel Consumption	: 650 L/hr

GENERATING SETS (AUXILIARIES)	
Prime Movers	: 3 x 122 BHP @ 1500 rpm
Make / Type	: 3 x Cummins 6BT5.9-DM1
Generators	: 3 x Alternator Stamford UCM274G 80eKw
Vessel Power Supply	: 415/220 Volt AC, 50Hz, 3ph + 24 Volt DC
Shore Connection / Food Container Socket	: Yes

EQUIPPED WITH BALLISTIC PROTECTION	
Entire wheelhouse is protected up to 1.2 m waist height using composite light weight material. Threat level protection up to NIJ level III+ which is against 7.62 x 39 MSC (AK47)	

SEATING AND ACCOMODATION	
Passenger Capacity	: 46 reclinable passenger seats
Cabins / Bunks for Crew	: 8 Beds
Cabins / Bunks on Main Deck	: 10 Beds = Total 18 Beds
Toilets	: 2 cubicles for passenger use
Entertainment System:	: 3 units of LCD TV Screens
Crew Mess	: Fitted
Walk-In Freezer and Chiller	: Fitted
Dry Store	: Fitted
Public Address System	: Fitted

ELECTRONICS AND CONTROL	
GMDSS	: MF/HF 6310 A1 + A2
VHF	: Sailor 6222
SSB Radio (Non-GMDSS)	: ICom IC-M710
Satellite Telephone / Fax	: FBB 150
Marine Radar	: Simrad NSS 12"
GPS	: Furuno GP-32
Depth / Echo Sounder	: FURUNO FCV 627
Gyro Compass	: Simrad RGC50
Magnetic Compass	: Ravira 6"
Navtex	: Smartfind
Public Address / Intercom System	: UINGTOL LENITEL
Search Lights	: San Shin x 3, 1000W
EPIRB	: McMurdo E5
SART	: McMurdo S4
AIS	: Samyung S1-30

TANK CAPACITIES	
Fuel Oil	: 93,000 l
Fresh Water	: 30,000 l

OIL POLLUTION TANK CAPACITY AND CONTROL	
Dirty Oil Tank	: 0.8 cbm
Dispersant	: 0.2 cbm
IMO-Approved Sewage Treatment Plant	: Fitted for 15 Pax

LIFE SAVINGS (SOLARS) EQUIPMENT	
Life Rafts	: 4 x 25-man & 2 x 10-man each side, SOLAS
Life Jackets	: 95
Life Buoys	: 8 on board as per SOLAS
Rescue Zone	: Yes
Scrambling Nets	: 2 units
Other Equipment	: Pyrotechnics, line-throwing apparatus

EMERGENCY RESPONSE FEATURES	
Ext FiFi monitor with remote clutch and 600 cbm fire pump	
Motorised Workboat and Davit:	: Fitted