



GENERAL

NAME	Fast Offshore Support Vessel
HULL MATERIAL	Aluminium
SUPERSTRUCTURE	Aluminum
BASIC FUNCTIONS	Offshore Supply/support & Crew Transfer
CLASSIFICATION	Bureau Veritas
NOTATION	1 \times Hull \times MACH Special Service – Fast Offshore Support vessel – crew boat
Operation Envelope	Unrestricted Navigation
SDS	

PARTICULARS

LENGTH OA.	45.0 m
LENGTH WL.	44.3 m
BEAM HULL	8.0 m
DEPTH AT SIDES	3.5 m
DRAFT FULL LOAD	2.1 m

CAPACITIES

FUEL OIL (BUNKER)	19,000 liters
FUEL OIL (CARGO)	110,000 liters
FRESH WATER (DOM)	4,000 liters
FRESH WATER (CARGO)	24,000 liters
DECK SPACE	140 m ²
DECK CARGO CAPACITY	85 tons
DEADWEIGHT	135 tons
INDUSTRIAL PERSONNEL	100 persons standard 12 VIP persons

PERFORMANCE (TRIAL)

SPEED	30.00 knots
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PROPULSION SYSTEM

MAIN ENGINES	3 x Caterpillar C32 SCAC, C-rating
TOTAL POWER	3 x 1081 bkW
GEAR BOXES	3 x ZF 3050

ELECTRICAL EQUIPMENT

GENERATOR SETS	3 x Caterpillar C4.4DITA
TOTAL RATING	3 x 86 ekW, with load sharing system

DECK LAYOUT

AFT DECK	Designed for 2 tons/m ² Wood Covering on the Aft Deck
DECK CRANE	2.0 tons@6 m reach, with 12m Maximum Reach

AUXILIARY SYSTEM

FIRE FIGHTING	2 x 300 m ³ /hr Fire Monitor
FIRE PUMP	1 x 600 m ³ /hr
BOW THRUSTERS	2 x 51 kW, Electric VFD Type
STP	01 no.
WATER MAKER	01 no.
FUEL PURIFIER	01 no.

STEERING SYSTEM

ELCTRO-HYDRAULIC, INDEPENEDENT SYSTEM

LIFE SAVING EQUIPMENT

LIFE JACKETS	140
LIFE RAFTS	6 x 25 persons
RESCUE BOAT	1 x 6 persons capacity
DAVIT	1 x SOLAS approved

ACCOMMODATION

CREW	10 persons
AIR CONDITIONING	Air conditioning in Wheel House and Accommodation

NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

NAVIGATIONAL RADAR	1 x 6' scanner
NAVIGATIONAL RADAR	1 x 4' scanner
MAGNETIC COMPASS	1 no.
SATELLITE COMPASS	1 no.
GPS	1 no.
NAVTEX RECEIVER	1 no.
CHART PLOTTER	1 no.
ECHO SOUNDER	1 no.
AUTO PILOT	1 no.
AIS TRANSPONDER	1 no.
SART	1 no.
EPIRB	1 no.
VHF DSC GMDSS	1 no.
HANDHELD VHF	1 no.
INTERCOM SYSTEM	1 no.
PUBLIC ADDRESS SYSETEM	1 no.