



MV CHILOSCO

Fast Support Intervention Vessel (FSIV)
DPI, Engine I, Diesel-Electric Engines

GENERAL VESSEL DETAILS

YEAR BUILT	2014
FLAG	Nigeria
IMO NUMBER	9676589
CALL SIGN	5NYQ
HULL MATERIAL	Steel
SUPERSTRUCTURE	Aluminium
BASIC FUNCTIONS	Fast supplier, crew boat
CLASSIFICATION	Bureau Veritas I • Hull • MACH, Special Service/ Fast Utility Vessel, Sea area 4 DYNAPOS AM (incl. Cyscan)
ELECTRONIC FUEL MONITORING	Engine I

DIMENSIONS

LENGTH O.A.	53.25m
BEAM O.A.	10.10m
DEPTH AT SIDES	4.70 m
DRAUGHT MAX	3.20 m

CAPACITIES

FUEL OIL	169.85 m ³
FRESH WATER CARGO	173.13 m ³
PORTABLE WATER	28.60 m ³
BILGE WATER	1.50 m ³
SEWAGE	1.05 m ³
DECK SPACE	240 m ³
AFT DECK CARGO MAX.	250 Tonnes
DEAD WEIGHT MAX.	325 Tonnes
CREW	12 Persons
INDUSTRIAL PERSONNEL	65 Persons Seated

SPEED PERFORMANCE / FUEL CONSUMPTION

ECONOMIC SPEED	10.0 knots	180l/hr
SERVICE SPEED	22.0 knots	850l/hr
MAXIMUM SPEED	27.0 knots	1,070l/hr

PROPULSION SYSTEM

MAIN ENGINES	4x Caterpillar 3512C TA
TOTAL POWER	4,472 kW (6,000 bhp) at 1,600 - 1,800
GEARBOXES	4x Reintjes ZWVS 730/1L
PROPULSION	4x Fixed pitch propellers
BOW THRUSTERS	2x 85 kW, electrically driven

DECK LAY-OUT

ANCHOR EQUIPMENT	1x 184 kg V.H.H.P.
AFT DECK	Wood covering on the aft deck
SHORE SUPPLY	1x 200 A
CLEAR DECK SPACE	240 m ²

DYNAMIC POSITIONING (DP)

CLASS	DP 1
DGPS	2x Veripos, LD3-G1
GYRO COMPASS	Alphatron, Alphacourse
REFERENCE SYSTEM	Alphatron / Navis (Automatic Operational Mode)
LASER REFERENCE SYSTEM	Cyscan

LIFE SAVING EQUIPMENT

LIFE BUOYS	8
LIFE JACKETS	88
LIFE RAFTS	4pcs, combined capacity of 88 persons
FAST RESCUE BOAT	I, handled with SOLAS approved DAVIT

AUXILIARY EQUIPMENT

ENGINE ROOM VENTILATION	72,000 m ³ / hr
BILGE PUMPS	25 m ³ / hr @ 3.8 bar
BILGE WATER SEPERATOR	Facet, CPS-2.5 mk II + EBM
14X DYNAMIC FUEL SEPERATOR	Westfalia, OTC 3-02-137
SEWAGE TREATMENT PLANT	Hamann, Super mini plus
CARGOPUMPS (FW. & FUEL)	70 m ³ / hr @ 60m head

ACCOMMODATION

BELOW MAIN DECK	Crew cabins for 8 persons, pantry and mess room
MAIN DECK	Crew cabins for 4 persons, industrial personnel accommodation
AIR CONDITIONING	Air Conditioning in wheelhouse and accommodation

NAUTICAL, SURVEILLANCE & COMMUNICATION EQUIPMENT

SEARCHLIGHTS	2x 1000W MP Pesch
RADARS	2x JRC, JMA 5212-4 MK2
ECHO SOUNDER	Alphatron, Alphadepth
RADIO COMMUNICATION	GMDSS A2
GPS	JRC, JRL 7800
NAVTEX & AIS	JRC, NCR-333 & JRC, JHS-183
AUTOPILOT	Alphatron, Seapilot MFC

