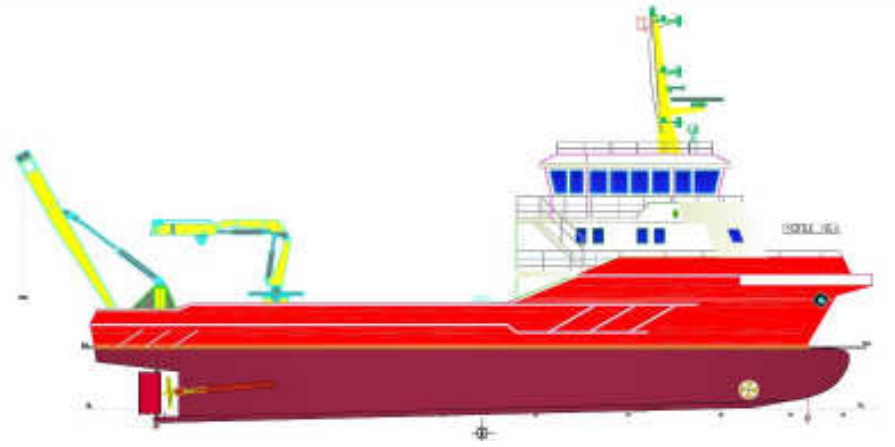


MULTI PURPOSE SUPPLY VESSEL

Dive - Work - Utility



VESSEL

Vessel Name : MV FORSA
 Build : 2009 / FORSA SHIPYARD - Turkey
 Classification : RINA C+HULL + MACH, SUPPLY VESSEL, COASTAL
 Flag / Port of Registry : TURKISH
 Official Number : nil
 IMO Number : nil
 Call Sign : nil
 GRT / NRT : 222/67

MAIN PARTICULARS

Length O.A. : 29.50m
 Breadth Moulded : 9.30m
 Depth Moulded : 3.30m
 Draft (Designed) : 2.45m

MACHINERY

Main Engines : 2 x 1000 BHP Cummins KTA 38M1 1800 rpm
 Total 2000 BHP
 Gearbox : 2 x MASSON / REINTJES or equal
 Reverse Reduction gearbox
 Generators : 2 x Cummins 6 CTA 156 kVA each
 Alternator : Newage Stamford (380 / 220 V- 50hz)
 Bow Thruster : 100 BHP Electric Driven Bow Thruster
 75 Kw - 100 hp at 1500 rpm
 Propellers : 2 x 4 bladed Fixed Pitch Propellers
 Steering Gear : 2 set Hydraulic Cylinders driven by electric motor
 hydraulic power back

PERFORMANCE

Maximum Speed : 13 knots
 Max.Fuel.Consump. : 150 lt/hr each engine
 Economical Speed : 11 knots
 Econ.Fuel.Consump. : 90 lt/hr each engine
 Range : appr 20 days

DECK EQUIPMENT

Anchor Windlass : 1 x Electrical driven 22mm Chain 570 kg Anchor
 Crane : 1 x 20 tons Hydraulic Knuckle Boom Deck Crane
 Max 16 mt outreach
 Winch : 1 x 10 tons Double Drum hydraulic Winch
 30mm 800 mt (ttl steel wire capacity)
 A-frame : 10 tons Hydraulic A-Frame
 3 mt outreach from stern
 Stern Roller : Yes
 Mooring Capstan : 2 x Hydraulic and 2 x Electric driven

CARGO CAPACITIES

Deck Cargo : 155 tons
 Deck Strength : 2.2 tons / sqm
 Deck Area : 110 m2

ACCOMMODATION

Total 16 men
 Upper deck : 3 x Cabin 2 berths (ttl 6 men)
 2 x Cabin single berth (ttl 2 men)
 1 x Mess / Dining room
 Main deck : 2 x Cabin 2 berths (ttl 4 men)
 1 x Cabin 4 berths (ttl 4 men)
 1 x Mess / Dining room
 1 x Galley
 Airconditioning : Fully Aircondition - Chiller System

RADIO & NAVIGATION EQUIPMENT

Radar : 1 x JRC - JMA 5110 MARINE COLOR LCD RADAR SET
 Echo Sounder : 1 x JRC - FF 60 (JFC 600) COLOR ECHO SOUNDER 50/200 KHZ.SET
 Gyro Compass : 1 x COMNAV GPS - 11210001 - VECTOR G2 GPS COMPASS
 Magnetic Compass : 1 x LILLEY&GILLIE SCH 146 (MK2002) SESTRELINE MAGNETIC COMPASS
 Auto Pilot : 1 x NAVITRON AUTOPILOT - NT 921 MK II - AUTOPILOT SET
 GPS Navigator : 1 x JRC GPS - JNAV 500 - GPS NAVIGATOR SET
 VHF : 2 x ICOM V.H.F - IC-M31 -MARINE HAND HELD V.H.F.
 EPIRB : 1 x JOTRON EPIRB - 95475 - TRON 40S EPIRB
 Portable VHF (GMDSS) : 1 x ICOM VHF - IC-M411- MARINE VHF SET (with DSC funtuanity)
 SART : 1 x JOTRON SART- SART 20 - RADAR TRANSPONDER
 Navtex Receiver : 1 x JRC NAVTEX - NCR 333 - NAVTEX RECEIVER SET
 AIS : 1 x JRC A.I.S. - JHS 182 -AIS-AUTOMATIC IDENTIFICATION SYSTEM

FIRE FIGHTING EQUIPMENT

Internal Fire-fighting : CO² Gas fixed fire-smothering for engine room
 Fire Pump : 1 x fire pump 7.5 kw 2900 rpm

LIFE SAVING EQUIPMENT

Liferafts : 2 x 10 person Liferaft in rigid container
 Lifejackets : 20 x Lifejackets retro-reflective type
 Resque Boat : 3.60 mt Inflatable boat with 15 bhp outboard motor

TANK CAPACITIES

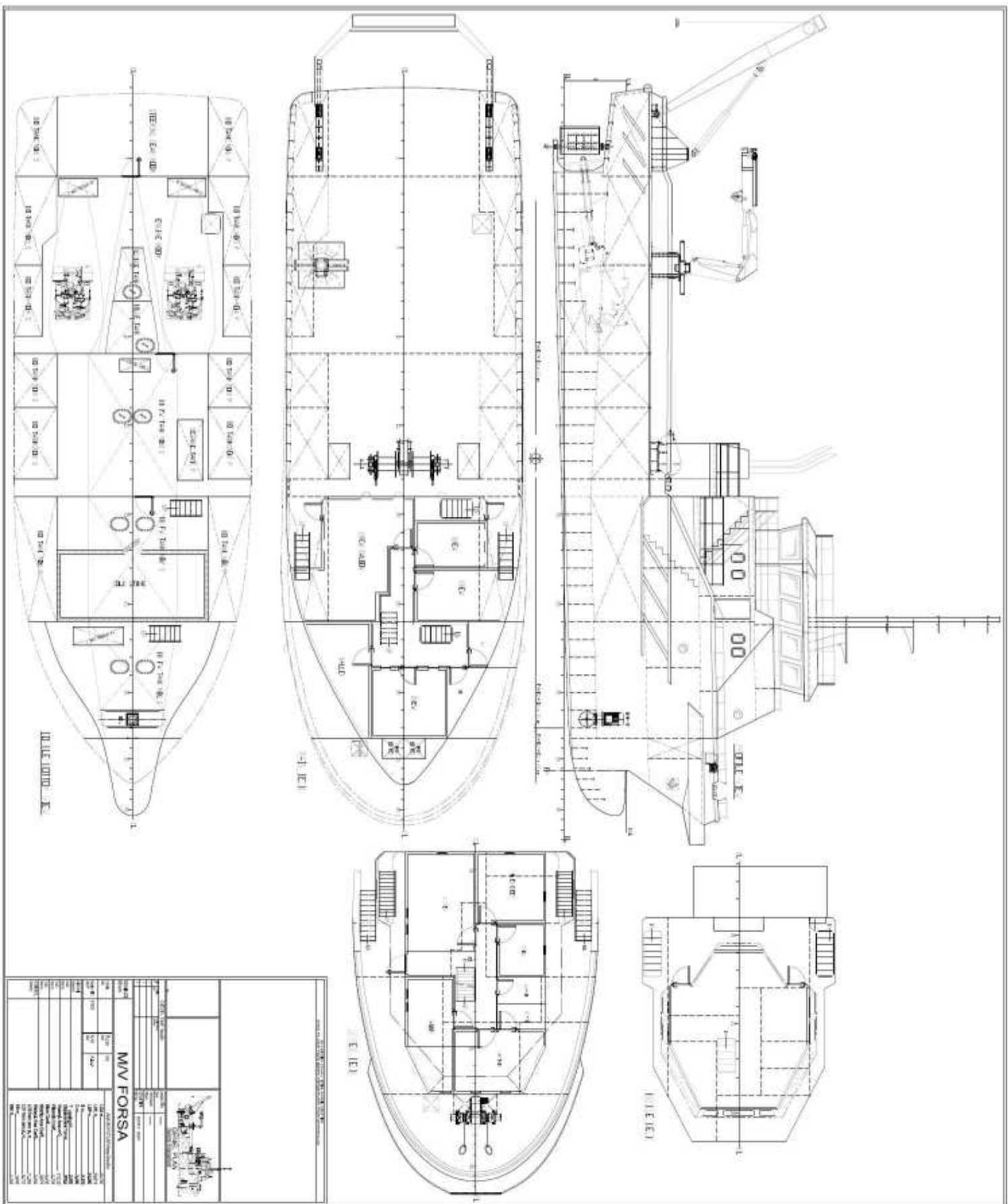
Fuel Oil Capacity : 90.000 litres
 Fresh Water Capacity : 25.000 litres
 Sewage Tank Capacity : 4.500 litres
 Luboil Tank Capacity : 1.000 litres

TRANSFER PUMPS

Fuel Oil (Cargo) : D.O. overboard pump - 5.5 kW - 40 m3/h
 Fresh Water (Cargo) : FW overboard pump - 5.5 kW - 30 m3/h

GENERAL FEATURES

Forward and Aft Bridge Control (Bridge / Maneuvering Stations)
 Deck Electrical Socket (Weatherproof)
 Provision Cold Store 10 cbm (minus 5 degree)
 Fuel Seperator 760 lt/hr (Alfa Laval)
 Wood covered deck



GENERAL INFORMATION		SPECIFICATIONS	
MV FORSA		Length	10.00 METERS
Type of Vessel		Beam	3.00 METERS
Year of Construction		Displacement	150 TONS
Builder		Max Speed	10 KNOTS
Engine Type		Range	100 HOURS
Fuel Consumption		Stowage	100 TONS
Crew Capacity		Deck Area	30 SQ METERS
Max Payload		Deck Load	10 TONS
Max Wind		Deck Height	2.00 METERS
Max Wave		Deck Width	3.00 METERS
Max Current		Deck Length	10.00 METERS
Max Tide		Deck Area	30 SQ METERS
Max Ice		Deck Height	2.00 METERS
Max Wind		Deck Width	3.00 METERS
Max Wave		Deck Length	10.00 METERS
Max Current		Deck Area	30 SQ METERS
Max Tide		Deck Height	2.00 METERS
Max Ice		Deck Width	3.00 METERS