



MPSV EVOLI IVORY

MAIN DESCRIPTION

Year Built	: July 2015
Vessel built	: Selah Shipyard – Tuzla (Turkey)
Type	: Standby Platform Supply Vessel / FiFi 1 / DP2 / Offshore AHC Crane / Helideck / MoonPool
Classification	: RINA / ABS - C Supply Vessel, Heavy cargo, Fire fighting ship 1, Oil recovery (Flash point > 60°C)
Additional Notes	: AUT_UMS, DYNAPOS AM/ATR, GREENPLUS, INWATERSURVEY, DIVING SUPPORT, HELIDECK, COMF-NOISE, COMF-VIB, ROV, SPS Code – Resolution MSC.266(84)
Port of registry	: Naples n.558
Flag	: Italian
Call Sign	: IBKP
IMO Nr.	: 9703368
Regulations	: RINA, COLREG, Load Line, SOLAS Certificates, Tonnage Certificate, Marpol Annex I,II,IV,V, VI, IMO A493-494, IMO A749 (18), IMO 673 (16), IMO A325, ISPS Code, MSC 645, MSC 664, MSC 235 (82)

MAIN PARTICULARS

Design	: MMC 887 MPSV
LOA	: 90,83 m
Length PP	: 86,56 m
Breath Moulded	: 18,80 m
Depth Moulded	: 7,40 m
Summer Draft	: 6,05 m
Gross tonnage	: 4499 Tonn
Net tonnage	: 1349 Tonn

PERFORMANCE

Trial Speed	: 14,00 Knots
Cons. at 100%	: 920 Kg/h (approx)
At Economical Speed	: 350 Kg/h (approx)
DP h24	: 300 Kg/h (approx)
Port consumption	: 940 Kg/day (approx)
Type of Fuel	: M.G.O.

CAPACITIES AND FACILITIES

Dead weight	: 4300 t (approx)
Deck cargo	: 1500 tons
Main Deck area	: 830 m ²
Main Deck dimensions	: 52,00 m x 16,00 m
Main Deck strength	: 10 t/ m ²
Main Deck Mission Storage	: 22 m ² (Project duties)
Main Deck Electric Room	: 19 m ² (ROV and Diving Oper)
Main Deck Workshop	: 18 m ² (Ship's and Project duties)
Mezzanine Deck area	: 80 m ² (ROV launching area)
Mezzanine Deck dimensions	: 16,00 m x 5,00 m
Total area for Project duties	: 970 m ²

DECK EQUIPMENTS

Capstans	: 2 x 10 t
Tugger Winches	: 2 x 10 t
Deck Crane	: 3 t @ 13m telescopic
Offshore Subsea	: Mac Gregor HMC 3293 LKO (1000-11) AHC
Crane (AHC), 3000m	: 100t@11m Shipboard 100t@9m Offshore
Moon Pool	: 6,6m x 5,8m fitted with perimetral cofferdam and pneumatic bottom door

CARGO CAPACITIES

Water Ballast / Drill Water	: 1429 m ³
Cargo Fresh water / Potable Water	: 1122 m ³
Fuel Oil	: 1146 m ³
Liquid Mud	: 1423 m ³
Brine	: 240 m ³
Dry Bulk	: 339 m ³
Recovered Oil	: 240 m ³
Methanol	: 240 m ³
Base Oil	: 123 m ³
Cargo and Ballast Monitoring System	: IAS - Fitted
Tank washing	: Available
Agitator LM Tanks System	: Available
Sewage Treatment Unit	: Available
Fresh water maker	: Available 15 Tonn/day

CARGO PUMPS

Drill water	: 200 m ³ /h at 9 Bar
Potable water	: 200 m ³ /h at 9 Bar
Fuel oil	: 200 m ³ /h at 9 Bar
Base Oil	: 60 m ³ /h at 9 Bar
Liquid mud / Brine	: 3 x 150 m ³ /h at 15,5 Bar centrifugal
Liquid mud / ORO	: 1 x 100 m ³ /h at 24 Bar screw
Methanol	: 2 x 80 m ³ /h at 9 Bar

DRY CARGO CAPACITIES

4 pressure tanks for bulk cement/barite	: 339 m ³ /732 t
Compressor capacity	: 1500 m ³ /h
Work pressure	: 6,0 bar
Discharging capacity	: 2 x 100 t/h at 90 m head
Pipe and manifold	: 2 x 5" Weco

PIPE LINE CONNECTIONS

Dry Bulk	: 5" Hammer Lug Union WEKO
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Liquid Mud	: 5" Avery Hardoll CAMLOCK
Fuel oil	: 5" Avery Hardoll Male CAMLOCK
Potable Water	: 5" Hammer Lug Union WECO
Ballast Drill Water	: 5" Hammer Lug Union WECO
Methanol	: 5" Avery Hardoll CAMLOCK
Reducers Connections	: 4" and 5" for each connection type

GENERATORS AND PROPULSION

Main generators Power	: MAK - 2 x 8M25C + 6M25C 2 x 2534 kW + 2 x 2000 kW
Propellers	: BERG - 2 x 2000 kW Azimuth Thrusters Dia. 2650mm - Variable speed Fixed pitch in nozzles
Tunnel thruster	: Brunvoll 3 Tunnel Bow Thruster 3 x 900 Kw / 1224 Bhp
Emergency/Harbour generator	: 1 x 375 kVA

DP SYSTEM - MANOEUVRING

DP Class	: II
DP Maker and Type	: Kongsberg / K-Pos DP-21
Gyro Compass	: 3 NAVIGAT X Mk1
Position Reference Units	: 3 x DGPS (110 -112-122) 1 x Radius 1000 1 x Light Weight Taut Wire Mk15/500 700m wire and 1 depressor weight
Acoustic Reference	: 1 x Hipap 500 + 1 x Trunk available
Motion Reference	: 2 x MRU-D + 1 x MRU-5
Wind Sensors	: 3 x Gill Ultrasonic type
DP Alert System	: YES
ERN	: TBA
Joystick	: Kongsberg C-Joy / Fully integrated Serviceable from various wheelhouse positions + 1 portable

HELICOPTER DECK

Maker and Type	: Marine Aluminium DNV OS-E401 - Sikorsky S92 Suitability
Shape and Size	: Octagonal - 22,20m
MTOW	: Max 12,840 Tonn
Monitoring System	: Kongsberg HMS 100 Meteo Station

NAVIGATION EQUIPMENT

- 1 x Radar, JRC JMA-5300, ARPA X-band
- 1 x Radar, JRC JMA-5300, ARPA S-band
- 2 x high resolution color display, radar plotter 19"
- 1 x Radar repeater (slave radar) at aft wheelhouse console
- 1 x GPS JRC 7800
- 1 x Navtex JRC
- 1 x Echo Sounder JRC
- 1 x Speed Log
- 1 x AIS, JRC A-Class
- 3 x Gyro X mk1 Navigat
- 1 x Magnetic Compass PLATH
- 1 x Autopilot Navitron
- 1 x Off Course Alarm JRC
- 1 x BNWAS/1, NAVITRON
- 1 x Voyage Data recorder

CCTV coverage for all key areas with display at Wheelhouse and ECR

COMMUNICATION EQUIPMENT

- GMDSS Station Area A1+A2+A3
- V-SAT SAILOR Data/Mail transfers/VoIP phone
 - 1 FBB 500 - VSAT backup
 - 1 MF/HF JRC DSC +ATIS
 - 2 VHF DSC JRC
 - VHF Air band Radio Jotro
 - 3 Emergency VHF JOTRON TRON
 - 2 INMARSAT C, JRC, JUE-85
 - 1 INM-C, SSAS, SAILOR
 - 1 EPIRB JOTRON TRON
 - 2 SART JOTRON TRON
 - 1 Public Address System
 - Talk Back System

ACCOMODATION

Type of cabins	No. of cabins	No. Of berths
1 man cabins	9	9
2 men cabins	27	54
4 men cabins	6	24
Hospital / Dispensary	1	3
Total number of bunks	43 + 1	87 + 3

Messroom /Daily room	40 persons
Recreation Rooms	: Gym, Day Lounge Room, Smoking Room
Ship's Office	: 1 off
Project Office	: 1 off
Client's Office	: 2 off
Meeting Room	: 1 off
ROV Offline Room	: 1 off
Sky Lobby	: Fitted
Sat TV	: Fitted

FIRE FIGHTING

FiFi, class I

The fire fighting system consists of the following main components:

- 2 off fire-fighting centrifugal pumps OGF300X400 COMBI capacity: 2000 m³/h head: 130 mlc 1800 rpm / 1024 Kw
- 2 single/dual flow monitors joystick controlled from bridge capacity: 1200 m³/h - 12,0 bar
throw length – capacity full : 140 m
- Water spray system

RESCUE AND LIFESAVING EQUIPMENT

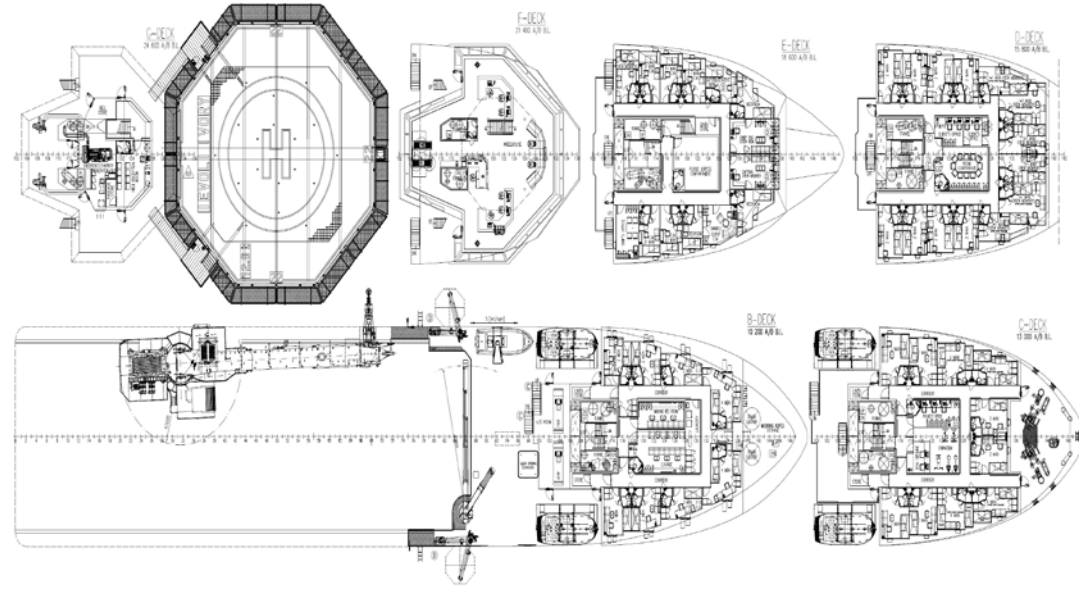
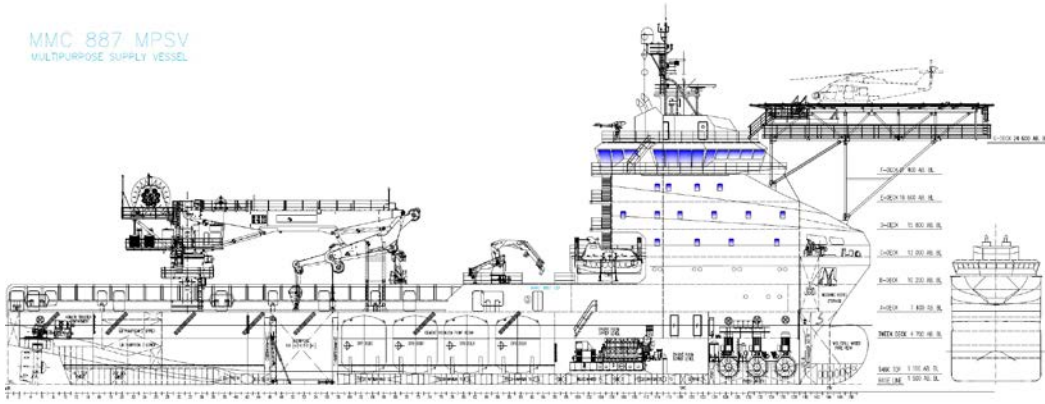
- 2 x Life Boats (48 persons each)
- 1 x Fast Rescue Boat (15 persons - 2 x 60HP outboard engines)
- 2 x Liferafts (12 persons each)
- 2 x Search Light remotely controlled from bridge
- 1 x Hospital with treatment bench, racks for stretchers,
Desk, medicine, poison locker
- 1x Dispensary with medical equipments / medicine in accordance with Flag's State and International requirements

This specification is subject to alteration without prior notice

Ievoli Ivory – MMC 887 MPSV Design

Multi Purpose Supply Vessel

MMC 887 MPSV
MULTIPURPOSE SUPPLY VESSEL



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