



MPSV IEVOLI 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 m²

Main Deck dimensions : 52,00 m x 16,00 m

Main Deck strength : 10 t/ m²

Main Deck Mission Storage : 22 m² (Project duties)

Main Deck Electric Room : 19 m² (ROV and Diving Oper)

Main Deck Workshop : 18 m² (Ship's and Project duties)

Mezzanine Deck area : 80 m² (ROV launching area)

Mezzanine Deck dimensions : 16,00 m x 5,00 m

Total area for Project duties : 970 m²

DECK EQUIPMENTS

Crane (AHC), 3000m

Capstans : 2 x 10 t Tugger Winches : 2 x 10 t

Deck Crane : 3 t @ 13mt telescopic

Offshore Subsea : Mac Gregor HMC 3293 LKO (1000-11) AHC

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 : 1429m³ Cargo Fresh water / Potable Water : 1122 m³ Fuel Oil : 1146 m³ : 1423 m³ Liquid Mud : 240 m³ Brine : 339 m³ Dry Bulk Recovered Oil : 240 m³ Methanol : 240 m³ Base Oil : 123 m³ 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 m³/h at 9 Bar Potable water : 200 m³/h at 9 Bar Fuel oil : 200 m³/h at 9 Bar Base Oil : 60 m³/h at 9 Bar

Liquid mud / Brine : 3 x 150 m³/h at 15,5 Bar centrifugal

Liquid mud / ORO : 1 x 100 m³/h at 24 Bar screw

Methanol : 2 x 80 m³/h at 9 Bar

DRY CARGO CAPACITIES

4 pressure tanks for bulk : 339 m^{3/}732 t

cement/barite

Compressor capacity : 1500 m³/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

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 : 1 x 375 kVA

generator

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
: 1 x Hipap 500 + 1 x Trunk available

Acoustic Reference : 1 x Hipap 500 + 1 x Trun

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 ECF

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 VHE DSC IRC

- 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

FIRE FIGHTING

FiFi. class I

Sat TV

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

Fitted

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)

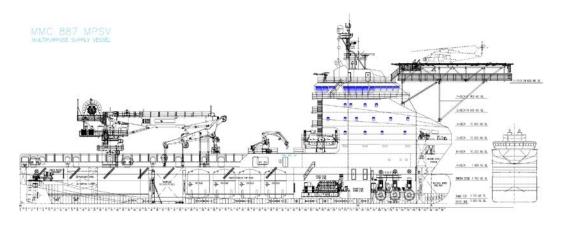
2 x Search Light remotely controlled from bridge

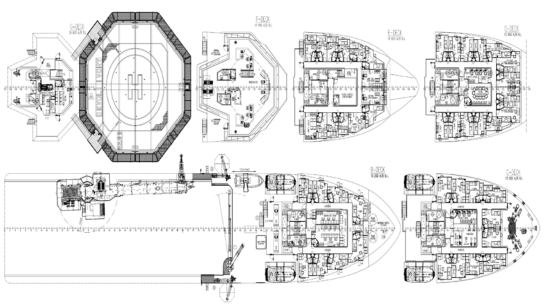
1 x Hospital with treatment bench, racks for stretchers,
Desk, medicine, poison locker

1x Dispensary with medical equipments / medicine in accordance with Flag's State and International requirements

This specification is subject to alteration without prior notice







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