



MPSV IEVOLI AMBER

MPSV H70 - MMC 879L CD

THE VESSEL IS EQUIPPED AND FITTED FOR THE FOLLOWING CONTINGENCY SERVICES:

- FIRE FIGHTING
- SUPPLY DUTIES
- HEAVY SUBSEA LIFTING
- ROV AND DIVING SHIP
- SURVEY ACTIVITIES

MAIN DESCRIPTION

Year Built	: Delivery April 2017
Vessel built	: Selah Shipyard – Tuzla (Turkey)
Type	: Standby Platform Supply Vessel / FiFi 1 / DP2
Classification	: RINA - C ; Offshore Support Vessel – heavy cargo – chemical product; oil recovery ship – flash point > 60° C; fire-fighting ship – 1 – water-spraying; unrestricted navigation;
Additional Notes	: AUT-UMS ; DYNAPOS AM/AT R; GREEN STAR 3 DESIGN ; INWATERSURVEY ; PMS ; SPS
Port of registry	: Naples n. 579
Flag	: Italian
Call Sign	: I B S J
IMO Nr.	: 9764984
MMSI Nr.	: 2473744600
Regulations	: COLREG, 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), SPS Code 2008 MSC 266.(84)

MAIN PARTICULARS

Design	: MMC 879L CD
LOA	: 83,83 m
Length PP	: 81,50 m
Breath Moulded	: 16,80 m
Depth Moulded	: 7,40 m
Summer Draft	: 6,00 m
Gross tonnage	: 3715 Tonn
Net tonnage	: 1408 Tonn

PERFORMANCE

Max Speed	: 14,00 Knts - 22/24 Tonn/day
Cruise Speed	: 10-11,50 Knts - 12/14 Tonn/day
Eco Speed	: 09-10,00 Knts - 08/10 Tonn/day
DP h24	: 06/07 Tonn/day
Port consumption	: 0,75 Tonn/day
Type of Fuel	: M.G.O.

CAPACITIES

Dead weight	: 4000 t (approx)
Deck cargo	: 1600 Tonn
Cargo deck dimensions	: 50,00 x 14,00 m
Deck area	: 600 m ²
ROV Mezzanine	: 60 m ²
Deck strength	: 5 t/ m ²
Freezer Room	: Available

DECK EQUIPMENTS

Capstans	: 2 x 10 Tonn
Tugger Winches	: 2 x 10 Tonn
Offshore Subsea	: NOV - OC2809KSCE (35-50) AHC
Knuckle Boom Crane	: <u>Main Hook</u> AHC - SWL 50 Tonn @ 11m 3000 mtrs lifting height <u>Aux. Hook</u> SWL 10 Tonn @ 21m 500 mtrs lifting height
Deck Crane	: 2 Tonn @ 10mt
Stern A-Frame	: SWL 17 Tonn
Removable bulwarks	: Port and Starboard side Gate Frame 36 / 43 Total length 4720 mm

CARGO CAPACITIES

Water Ballast / Drill Water (*)	: 1602 m ³
Fresh Water (*)	: 1150 m ³
Fuel Oil (*, FP>60°C)	: 800 m ³
Liquid Mud (*)(***)	: 1272 m ³
Brine (*)(***)	: 1272 m ³
Dry Bulk (*)	: 300 m ³
Methanol (*)	: 180 m ³
ORO 2nd Line (**)	: 635 m ³
Base Oil (**)	: 950 m ³
Cargo and Ballast Monitoring System	: IAS - Fitted
Tank washing	: Available
Agitator LM Tanks System	: Available
Sewage Treatment Unit	: Available

* Resolutions A673(16) Annex 1 carried out in LM/O.R.O Tanks

** Dual Purpose tank

*** Multipurpose tank: LM/O.R.O/Base Oil

CARGO PUMPS

Drill water	: 2 x 100/56 m ³ /h at 9/2,2 Bar
Potable water	: 2 x 100 m ³ /h at 8 Bar (0-100%)
Fuel oil	: 2 x 100 m ³ /h at 9 Bar (0-100%)
Base Oil	: 100 m ³ /h at 9 Bar (0-100%)
Liquid mud / Brine	: 3 x 75 m ³ /h at 14 Bar (0-100%)
Liquid mud / ORO	: 1 x 75 m ³ /h at 14 Bar screw (0-100%)
Methanol	: 2 x 75 m ³ /h at 9 Bar (0-100%)

DRY CARGO CAPACITIES

5 pressure tanks for bulk	: 683 t
cement/barite	: 313 m ³
Compressor capacity	: 1200 m ³ /h
Work pressure	: 5,6 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 (Weco) Male
Liquid Mud	: 5" Avery Hardoll Male
Fuel oil	: 5" Avery Hardoll Male
Potable Water	: 5" Hammer Lug Union (Weco) Male
Ballast Drill Water	: 5" Hammer Lug Union (Weco) Male
Methanol	: 5" Avery Hardoll Male
Reducers Connections	: 4" and 5" for each connection type

GENERATORS AND PROPULSION

Main generators Power	: MTU - 4x 16V4000M33S 4 x 2080 kW @ 1800 rpm
Propellers	: RR - 2 x 2300 kW Azimuth Thrusters Dia. 2800mm - Variable speed Fixed pitch in nozzles
Tunnel thruster	: RR - 2 Tunnel Bow Thruster 2 x 900 Kw / 1224 Bhp
Emergency/Harbour generator	: 1 x 375 kVA

DP SYSTEM - MANOEUVRING

DP Class	: II
DP Type	: Kongsberg – KPos DP21
Gyro Compass	: 3 Navigat X Mk1
Position Reference Units	: 3 x DGPS + 3 Wind Sensor
Laser Reference	: 1 x Cyscan Mk4
Acoustic Reference	: 1 x HiPap 502 + 1 Trunk available
Motion Reference	: 3 x MRU-D + 1 x MRU-5
ERN	: 99.97.84.63
Joystick	: Kongsberg C-Joy / Fully integrated Serviceable from various wheelhouse positions + 1 portable

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
- 2 x JRC JAN-2000 MK2 ECDIS
- 2 x GPS JRC, JLR-7500
- 1 x Navtex JRC
- 1 x Echo Sounder JRC JFE-380-25
- 1 x Doppler Speed Log – JLN-550
- 1 x AIS, JRC JHS-183
- 1 x Magnetic Compass PLATH
- 1 x Navitron AUTOPILOT
- 1 x Doppler Log - Off Course Alarm JRC
- 1 x BNWAS/1, NAVITRON
- 1 x Voyage Data recorder JYV-1900

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
 - 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 between DP station, Control Rooms and ECR

ACCOMODATION

Type of cabins	No. of cabins	No. Of berths
1 man cabins	4	4
2 man cabins	23	46
Hospital / Dispensary	1	2
Quarantine Cabin	1	1
Total number of bunks		50 + 3

Allowable to accommodate 8 pax more through an Accommodation module.

Total POB Vessel's capacity : 57 + 3 Persons on board

Meeting Room	: Fitted
Client Office	: Fitted
Processing Office	: Fitted
Wet Laboratory	: Fitted
Ship's Office	: Fitted
Recreation Rooms	: Gym, Day room Lounge, Smoking Room
Sky Lobby	: Fitted

FIRE FIGHTING

FiFi, class I

The fire fighting system consists of the following main components:

- 2 off fire-fighting centrifugal pumps OGF250X350 COMBI capacity: 1650 m³/h head: 130 mlc 1800 rpm / 800 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

- 1 x Fast Rescue Boat (8 pax)
- 6 x Liferafts (25 pax each)
- 2 x Search Light remotely controlled from bridge
- 6 x Lifebuoys provided with strobe lights and lifelines
- 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
- 1 x Quarantine Cabin

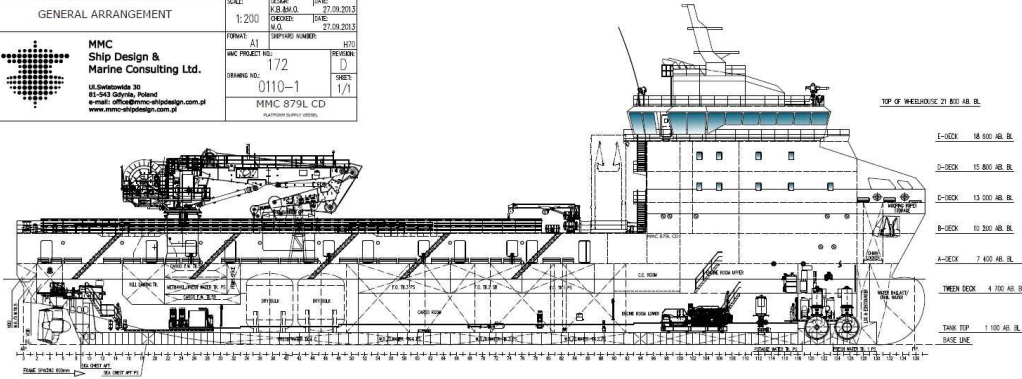
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MARNAVI

Ievoli Amber - MMC 879L CD MPSV Design

Multi Purpose Supply Vessel

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Des: JEAN-PAUL					
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