Survey Boat MBf 1213 (Mod: Reggiani DEEP v 780)

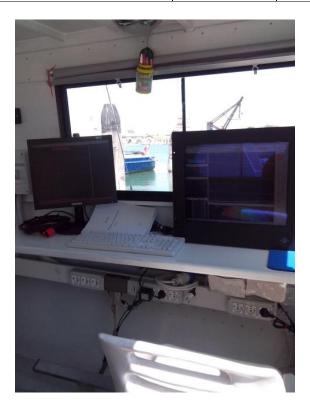


| Propulsion | Mercury F 150 XL VERADO | | |
|-------------------------------------|-----------------------------|-----------------|--|
| System | (outboard engine) | | |
| Dimensions | Length | 8 m | |
| | Overall | 0 111 | |
| | Breadth | 2.50 m | |
| | Draught | 1.20 m | |
| Maximum Electrical Absorption | Boat | 0.5 Kwatt (min) | |
| | System | 0,5 Kwatt (min) | |
| | Hydro | 1,5 Kwatt (min) | |
| | System | 2 Kwatt (max) | |
| Tonnage | 2760 kg (gross) | | |
| | 3030 kg (net for transport) | | |

Scientific and Hydrographic Systems:

| Survey Boat | DGPS | Inertial System | Multibeam Echo Sounder | Acquisition Software | Marine LIDAR |
|----------------|----------------------------|----------------------------------|---|-------------------------|--------------------------------|
| MBf 1213 | Fugro Marinestar 9200HP | Kongsberg MRU5/Seapath 300 | Kongsberg EM2040C Dual Head (200 - 400 KHz) (max depth range 200 m) | Kongsberg SIS 5 | Carlson Merlin Dual Head |





| Mbf 1213 |
|--|
| Mbf 1213 |
| Genoa Harbour |
| Italian Navy – Italian Hydrographic Institute |
| Italy |
| Passo dell'Osservatorio 4 - 16134 Genova Italy Phone Number: +39 010 2463528 |
| |

DESCRIPTION

| https://www.marina.difesa.it/noi-siamo-la-marina/pilastro-logistico/scientifici/idrografico/Pagine/home.aspx | | |
|--|----|------|
| RI/ Facility participating in an ERIC | NO | ERIC |

INSTRUMENTS AND AUXILIARY EQUIPMENT

| Instrument/ Auxil. Equip. | Measured Parameter(s) | Elevation / Depth | Sampling | Frequency of data recovery |
|---|--------------------------|----------------------|----------|----------------------------|
| Multi Beam Echo Sounder Kongsberg EM 2040C dual head | Bathymetry | 400 m | /// | 200 KHz – 400 KHz |

| Seapath 300 + Marinestar 9200 + MRU 5 | GPS, Positioning ed Inertial Navigation System | /// | /// | /// |
|--|--|-------|--------------------------------------|---------------|
| Laser Scanner Carlson Merlin dual head | Vessel LIDAR | 200 m | /// | Laser Class 1 |
| Valeport Swift SVP Profiler | Sound Speed | 500 m | Sound Speed – Temperature - Pressure | /// |

ACCESS PROVIDED

• <u>Physical (In person/hands-on)</u>: the presence of the user team is required/recommended during the whole operation period

Physical (In person/hands-on): the presence of the user team is required during the whole operation period

SPECIAL REQUIREMENTS

| Num of access/Call; | Nil |
|--|---|
| Max period granted in the year: | 20 days |
| Exclusion Periods in the year: | Spring/Summer |
| Max period granted per single user team (working day; days for R/V) | 5 Working Day per week |
| Max num of user team members admitted | 4 pax |
| Admin/Safety requirements for the user team (free itemized text) | P.P.E. request on board (safety shoes, life jacket, split leather gloves) |
| Min # days/months of notice to the RI Resp/PI for preparing the access | Nil |
| Geographical Areas where RI/facility access is granted to user teams | Italy – Liguria - Genoa |