



ITALY

National Report



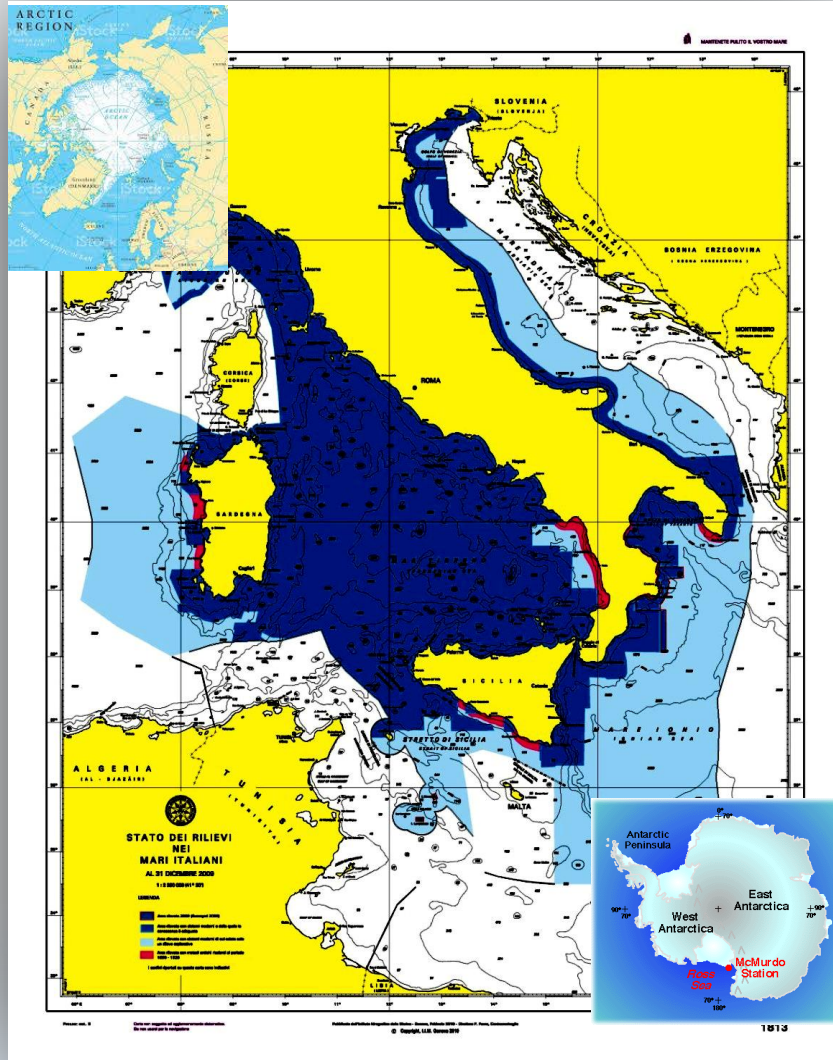
Items

- **Hydrographic Surveys**
- **Charts and updates**
- **Publications and updates**
- **MSI**
- **C-55**
- **Capacity Building**
- **Oceanographic activities**
- **Other activities**

This report covers the period September 2017 - May 2019.



Hydrographic Surveys



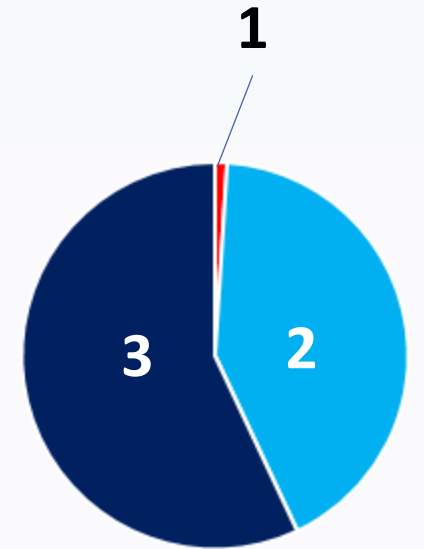
Sea Area: 556.218 km²
Coastline : 7.800 km

Age of Survey:

(1) 1% - before 1920 (**red**)

(2) 42% between 1920 – 1970 (**light blue**)

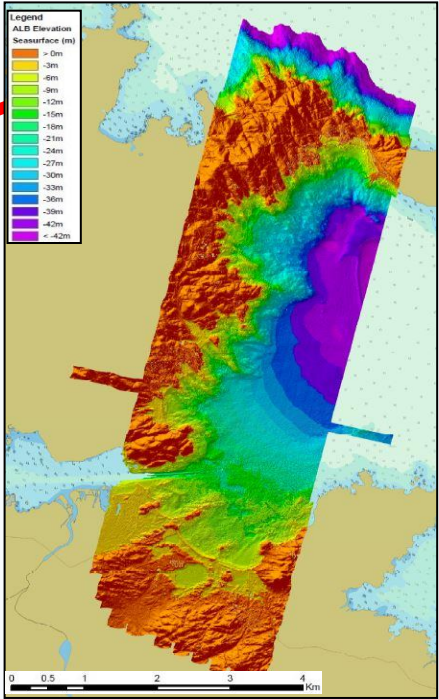
(3) 57% modern survey (since 1970) (**blue**)



Hydrographic Surveys (2017-2018)



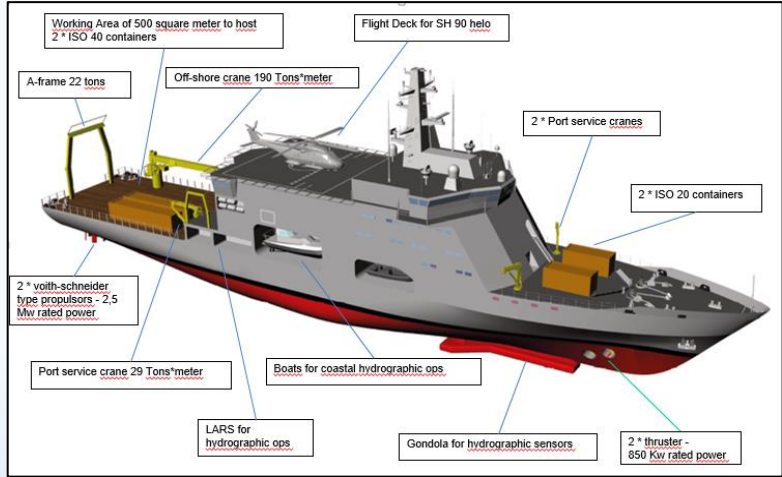
Lidar Survey



IT NAVY Hydrographic Squad.



New Oceanographic R/V – (2024)



Charts and Updates (ENCs)

- **3** new ENCs, **122** new ENC edition.

Usage Band	Produced Cells	Planned Cells	%
1-Overview	1	1	100
2-General	2	2	100
3-Coastal	43	44	98
4-Approach	19	23	83
5-Harbour	57	76	75
6-Berthing	3	5	60
Total	125	151	83



Charts and Updates (P.C.)

- **2** new INT, **12** new INT edition.

Scale	Produced INT charts	Planned INT charts	%
Small	1	1	100
Medium	6	8	75
Large	7	6	86
Total	14	15	93,3

- **6** new National Charts, **26** new National Charts edition.
- **101** new editions of National Pleasure Craft paper charts.



Publications and updates

- **N.2** Catalogue of IT Nautical Documents Portfolio (2017-2018)
- **N.2** Sailing Directions (P5 and P4 New Edition – 2018)
- **N.1** Radio Signals Book (2017) & **N.1** List of Lights (2017)
- Italy is working on a Digital Sailing Directions project that will reach the testing phase in 2020.



MSI

The Italian Coast Guard is the national authority in charge of GMDSS and Navtex Coordinator.

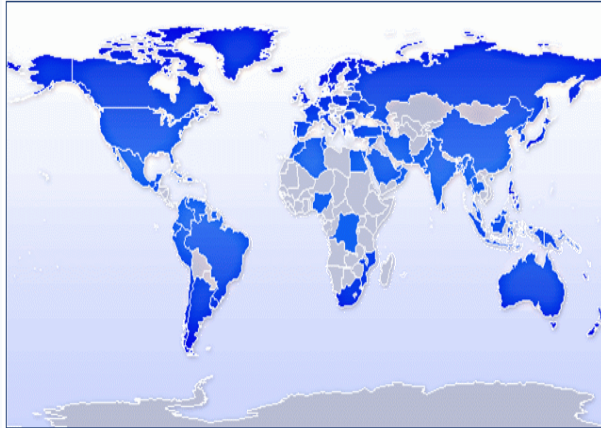
C-55

Report IAW Doc. MBSHC21-6.4.1. Hydrographic survey status in the MBSHC area.

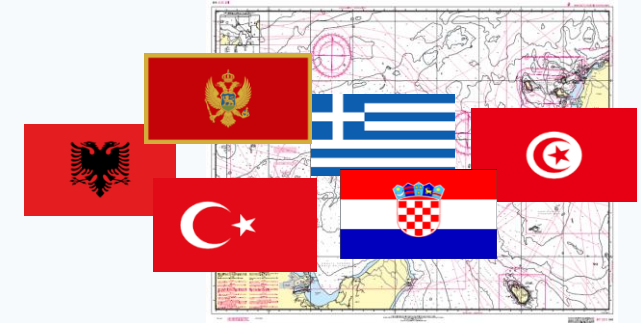


Capacity Building

IHO MEMBER STATES / ETATS MEMBRES DE L'OHI



- **Cooperation:**
 - Albania, Croatia
 - Egypt, Greece
 - Montenegro
 - Tunisia, Turkey



- **Support to Lebanon**
the project is part of the UN “International Support Group” initiative (2014-2020). Led by IIM and financed by Italian Ministry of Defense.



Capacity Building

Training offered

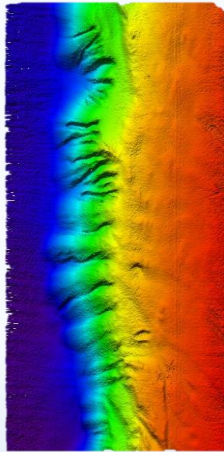
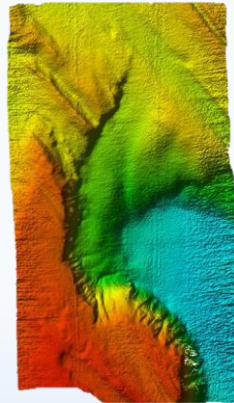
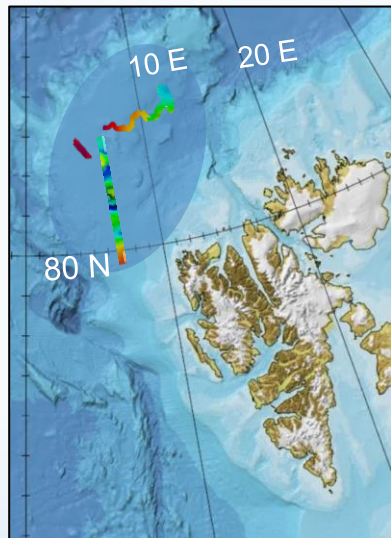
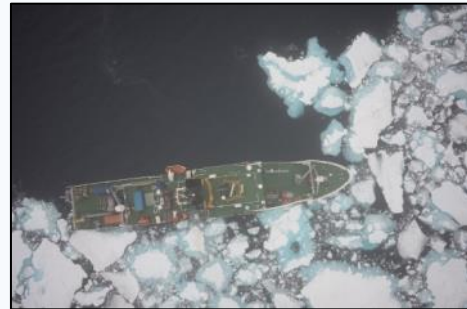
2017/19	2019/21
<p>1st 2nd Master Degree in Hydrography and Oceanography Cat. A Hydrographic Surveyors Recognized by FIG/IHO/ICA IBSC 24 months (2 months OJT on board IT Hydrographic Vessel) Language : English Admittance: Bachelor Degree</p>	<p>3rd Master Degree in Hydrography and Oceanography Cat. A Hydrographic Surveyors Recognized by FIG/IHO/ICA IBSC 24 months (2 months OJT on board IT Hydrographic Vessel) Language : English Admittance: Bachelor Degree</p>
<p>4th, 5th and 6th intermediate Course Cat. B Hydrographic Surveyors Recognized by FIG/IHO/ICA IBSC 9 months (2 months OJT on board IT Hydrographic Vessel) Language : English Admittance: High School Diploma</p>	

- IIM hosted the training course “**Port and Shallow Water Survey Course**” (2018)

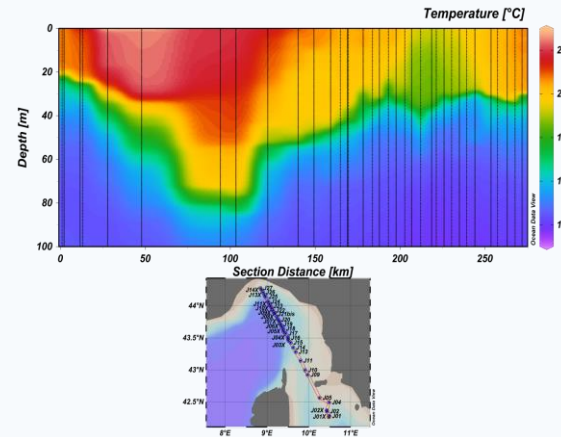


Oceanographic activities

High North Program 2017-2018-2019

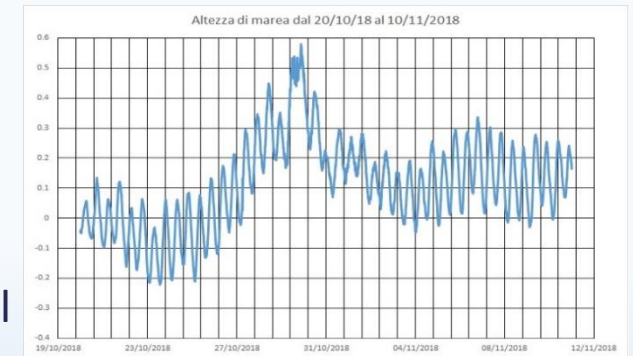


SUMMER and WINTER INTENSIVE MEASURING
of the LIGurian sea (SWIM-LIG)



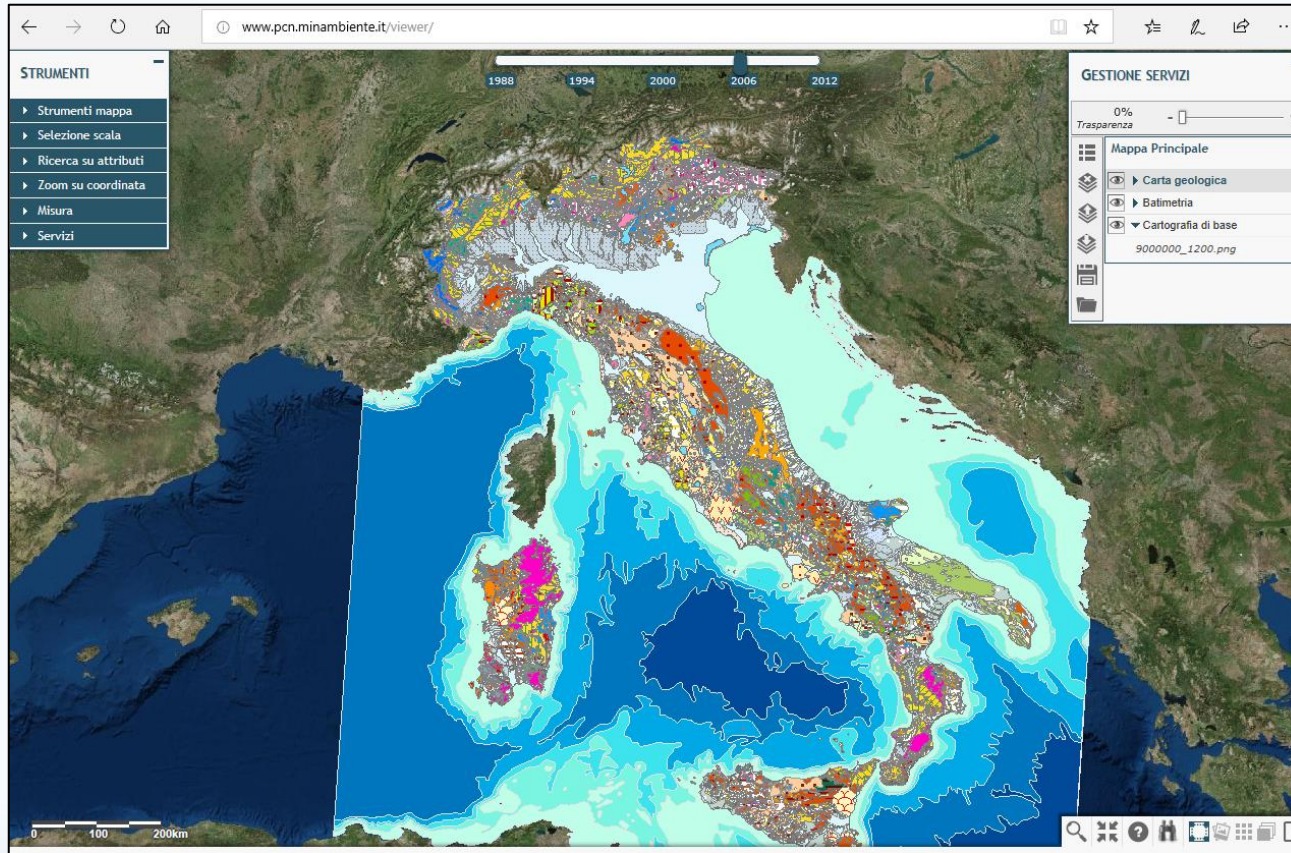
Numerical modeling
Climate change monitoring

Sea level measurements
Time serie analysis
(meteotsunamis)
Rising of the mean sea level



Other activities/ MSDI

Italian *National SDI*



Operated by the Ministry of the Environment and Land and Sea Protection.

IIM is developing a new project for the creation of an independent MSDI.

<http://www.pcn.minambiente.it/mattm/en/>





Thank you for your attention

