



MBSHC

MONTENEGRO

Report to MBSHC24

Constanta, Romania
2 – 4 July 2024

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Introduction – HO structure

- Montenegrin Hydrographic Office was initiated as the Sector for Hydrography (SH) within the Institute for Hydrometeorology and Seismology (IHMS) in 2009
- IHMS is under the Ministry of Tourism, Ecology, Sustainable development and Northern Region Development
- SH comprise two departments: Department for hydrography and oceanography and Department for geodesy and cartography
- Small number of the staff – only 5 employee

Key Achievements between two conferences

- New surveys

Two main Montenegro ports, Kotor and Bar were surveyed, west part of Boka bay, several small piers and marinas, the coastal area of Ulcinj and two underwater installations were resurveyed and checked

Surveys for Natura 2000 network, key obligations to fulfill from Chapter 27 of the EU

- New ENC's

Since last MBSHC Conference five new berthing ENC cells were created ME6BAD42, ME6BLAZR, ME6BMBAR, ME6BPTIN, ME6BPOIN

SH has produced 26 ENC cells so far, territorial waters are covered

Key Achievements between two conferences

- New surveying boat
Donation by the R. Korea



- New SBES
Teledyne Echotrac E20



Main challenges

- The lack of trained personnel
- No hydrographic and oceanographic schools or programs in Montenegro, nor in approximate vicinity, very difficult to educate people
- The last systematic survey of Montenegrin near shore waters was performed 40-50 years ago
It is necessary to resurvey almost complete area of the responsibility in accordance with IHO standards
- No regulation base for creation of ENCs

Conclusions

- **Strategic Importance:** The hydrographic service of Montenegro is of strategic importance for the country's maritime activities, including navigation, maritime safety, environmental protection, and economic development – need to secure adequate funding
- **Current Capabilities:** The current capabilities of Montenegro's hydrographic service are limited in terms of technological resources, trained personnel, and data management systems – need to improve hydrographic infrastructure
- **Technological Gaps:** There is a significant gap between Montenegro's existing hydrographic technologies and those used by leading hydrographic services worldwide – needs for modern technologies
- **Collaboration and Training:** There is a lack of collaboration with international hydrographic institutions and limited opportunities for training and development for the hydrographic service personnel – need to improve communication and bilateral cooperation

Thank You



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