20th Meeting of the North Indian Ocean Hydrographic Commission

National Report by

BANGLADESH

Main Achievements during the Year

- Achieved recognition of IBSC for Category “B” Hydrography course
- Several charts and ENCs were updated
- Bangladesh Navy (BN) Tide Tables 2020 and 2021
- Published BN Annual Summary of Notices to Mariners

Main Challenges/ Obstructions

- Bangladesh's coastal area is very dynamic. Frequent hydrographic survey is required to update nautical charts.
- As depth changes rapidly in coastal areas, cartographers face difficulties in matching data.
- Unusual rough seas and occasional stormy weather causing delays in data acquisition.

Progress on surveys, charting and MSI

- **Surveys**
  - In 2020-2021 Season:
    - Update 1 in no INT series chart and 11 in no national series charts.
    - 07 in no new charts (NC).
- **Charting**
  - 13 national series charts published
  - Updates for all 11 ENC cells

Progress on surveys, charting and MSI

- **MSI**
  - **Notices to Mariners.** Issued by Department of Shipping regularly.
  - **Meteorological Warning**. Meteorological warnings are prepared and distributed by Bangladesh Meteorological Department.
  - **NTM Distribution System**. NTM is issued by Mercantile Marine Office (MMO), under Department of Shipping, Bangladesh.
  - **NAVTEX Coverage**. Transmitted with the help of NAVAREA coordinator India as part of NAVAREA VIII.
  - **Website for NTM and other Warnings**. All updated warnings including the Notices to Mariners are available on website of Mercantile Marine Office (https://mmd.gov.bd/).

Capacity Building

- **Contribution**

Ser	Name of Training	Duration	Student
1.	14th Basic Hydrographic Course (CAT-B) - 2020	24 Weeks	Total = 07; Nigeria- 2
2.	15th Basic Hydrographic Course (CAT-B) – **2021 (Ongoing)**	24 Weeks	Total = 09; Malaysia- 1, Nigeria- 2, Sri Lanka- 1

- **Request for Support**
  - Category A training in Hydrography and Cartography.
  - Category B training in Hydrography and Cartography.
  - Conversion Training (S-57 to S-100).

Oceanographic Activities

- **General**
  - Bangladesh Navy Hydrographic Services is assisting all maritime R&D organizations, educational institutes or universities to collect data.

- **Tide Gauge Network**
  - Bangladesh Navy, BIWTA, Survey of Bangladesh, Sea Port Authorities (Chattogram, Mongla and Payra) have their own tide gauges along the coastal area.

Other Activities

- **Environmental Protection**
  - Bangladesh Navy (BNS) and Bangladesh Coast Guard (CGS) vessels monitor marine pollution and ensure compliance.

- **MSDI Progress**
  - Conceptual and development phase

Conclusion

- Resolution of outstanding issues
- Capacity building support