

**REPÚBLICA DE MOÇAMBIQUE**  
**MINISTÉRIO DO MAR, ÁGUAS INTERIORES E PESCA**  
**INSTITUTO OCEANOGRÁFICO DE MOÇAMBIQUE**

**NATIONAL REPORT FROM MOZAMBIQUE TO THE**  
**20<sup>TH</sup> MEETING OF SAIHC**  
**SOUTHERN AFRICA AND ISLANDS HYDROGRAPHIC COMMISSION**

**19<sup>th</sup> to 27 September 2024**  
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## **1 INTRODUCTION – HYDROGRAPHIC OFFICE**

This report brings a general overview of the hydrographic situation in Mozambique

As SAIHC may know, Mozambique made some changes in 2022, where INAHINA-The National Institute for Hydrography and Navigation was extinguished and then was created InOM-Instituto Oceanografico de Mozambique – “Oceanographic Institute of Mozambique”, where the Hydrographic Authority is now settled. The Hydrographic Authority was moved, from the Ministry of Transports and Communications to the Ministry of the Sea, Inland Waters and Fisheries.

InOM results from unification of Fisheries Institute (IIP), Biodiversity and Sea Environment Research (CEPAN) and part of the Hydrographic Institute (INAHINA), The InOM’s focus is on scientific research. This Institute, deals with Hydrography, Oceanography, Cartography and Aids to Navigations beyond the Port Limits, as well as research on Fisheries, Biodiversity and all Sea Environment.

These changes are taking time to be fully implemented, due to many reasons, such as Administrative, and Financial reasons, so the hydrographic activities like hydrographic surveys, cartography, oceanography and aids to navigation are still not being fully implemented.

Is also important to say that the Aids to Navigations Activities AtoN are now being carried out by two institutions InOM based in the Ministry of the Sea, Inland Waters and Fisheries, working beyond the Port Limits, and ITRANSMAR under the Ministry of Transports and Communications, working within the Port Limits.

## **2 SURVEYS - (HYDROGRAPHY)**

All the Hydrographic survey activities carried out by InOM, this year, are the following:

- Plans of Surveys
  - ❖ Planned the Survey of the Port of Inhambane
  - ❖ Planned the survey of the Port of Beira
  - ❖ Planned the Survey of the Port of Nacala
  
- Surveys (Single and multi-beam, and side scan)
  - ❖ Single beam Survey of the main channel to access – Beira Port
  
- Reports of Changes
  - ❖ Nothing to report, as the survey did not report any changes to the channel

## **3 CHARTS - CARTOGRAPHY**

- Topography
  - ❖ Nothing to report
  
- Nautical Charts (paper and electronic)
  - ❖ None electronic charts were produced
  - ❖ 3 INT charts:
    - INT7583 – Maputo Approaches was published in 2023
    - INT7620 – Cabo São Sebastião á Beira in progress.
    - INT7662 – Porto de Nacala – was published in 2023
    - INT7641- Quelimane Approaches was published in 2024.



The updated 16402MZ/INT7641- aproximação  
ao Porto de Quelimane.

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#### **4 NEW PUBLICATIONS AND UPDATES**

INT7641- Quelimane Approaches was published in 2024.

#### **5 MSI**

- Nothing to report.

#### **6 C- 55**

- Nothing to report

#### **7 CAPACITY BUILDING**

To strengthen the capacity building in Mozambique to achieve the expected capacity within the region.

At the moment InOM sent a technician to Japan for a training course on Hydrography Category B. The course was financed by JICCA, and will be held from July 2024 to December 2024. Other two technicians will be sent to China under IALA funding to carry out a 30 days training course on Aids Managers Level 1.

In terms of needs for Capacity Building, the following points have been identified for Mozambique:

- 1 Hydrographic surveys - on job training multi beam echosounder surveys
- 2 Hydrographic on job training in side scan sonar operation;
- 3 ENC on job training course;
- 4 Paper chart refreshment training;
- 5 Hydrography Cat B and Cat A training courses;

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- 6 Cartography Cat B and Cat A Training course;
- 7 Training for promulgation and dissemination of Notice to mariners.

## **8 OCEANOGRAPHIC ACTIVITIES**

- Tides
  - ❖ Nothing to report
- Tide Tables
  - ❖ The tide table for 2024 were produced
- Currents and others
  - ❖ Nothing to report

## **9 SPATIAL DATA INFRASTRUCTURES**

Marine Spatial Data Infrastructure – MSDI and the Global Maritime Distress Safety Information – GMDSS is still being carried out by INAMAR, IP – The National Maritime Authority, and the focal point is:

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## **10 INNOVATION:**

- Use of new technologies
  - ❖ Nothing to report.
- Risk assessment. Policy matters.
  - ❖ Nothing to report.

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## **11 OTHER ACTIVITIES:**

- Participation in IHO meetings.
  - ❖ Mozambique participates in all meetings, as a member State, represented by InOM-Oceanographic Institute of Mozambique, under the Ministry of Sea, Inland Waters and Fisheries.
- Meteorological data collection.
  - ❖ Remain as subject under the mandate of INAM – The National Institute of Meteorology, under the Ministry of Transports and Communications.
- Engagement with the Maritime Administration.
  - ❖ This activity is being developed accordingly, under the Mandate of INAMAR, IP – The National Maritime Authority.
- Aids to Navigation within the Port Limits
  - ❖ Buoys were inspected and no changes to report. These activities were carried by ITRANSMAR, under The Ministry of Transports and Communications.

Preparation for maintenance of Pomene Lighthouse near the Port of Inhambane. These activities are being carried by InOM, under the Ministry of the Sea, Inland Waters and Fisheries.

## **12. CONCLUSION**

- We are facing some difficulties to operate hydrography, Cartography and Aids to Navigation, as the new institution is still being established;
- No relevant surveys occurred lately due to institutional changes processes.