



REPUBLIC OF ANGOLA
MINISTRY OF TRANSPORT
INSTITUTO HIDROGRAFICO E DE SINALIZAÇÃO MARÍTIMA DE ANGOLA
(IHSMA)



NATIONAL REPORT
TO THE
10TH SOUTHERN AFRICA AND ISLANDS HIDROGRAPHIC COMMISSION
CONFERENCE (SAIHC)

LISBON: 17 – 18 SEPTEMBER 2013

1 - INTRODUCTION

The **Instituto Hidrográfico e de Sinalização Marítima de Angola – IHSMA**, is a public institute , under the Ministry of Transports, with legal personality , administrative, financial and patrimonial , created by Presidential Decree in order to exercise the functions of Coordination , Promotion , Development , Guidance , Control , Inspection, Licensing and Regulation to all activities related to Hydrography , Cartography , Oceanography , Dredging, Maritime Signalization.

IHSMA'S legislative mandate can be summarized as follows:

- a) To ensure safe navigation in National waters of Angola;
- b) To study matters relating to hydrography and conduct hydrographic surveys as well as maritime signalization;
- c) To produce update nautical charts and other relevant nautical publication for the benefit of navigation; and
- d) To cooperate with International Organization and Scientific Institutions with similar objectives.

The main responsibility of Instituto Hidrográfico e de Sinalização Marítima de Angola – IHSMA, is to facilitate the safe navigation in the coastal and inland waters through the provision of hydrographic, cartography, oceanography, and maritime signalization services and through the installation, rehabilitation and maintenance of aids to navigation . It has also the function of calibrating magnetic compass.

2 – STATUS OF HYDROGRAPHIC SURVEYS AND EQUIPMENT

Actually, there is very limited survey capability available at IHSMA, no survey ships or launches, for reasons of lack of technical equipment, various activities are undertaken by public and private companies requiring their services.

In spite of this situation, IHSMA, provided assistance to private and public agencies in the programs and projects of Angolan coastline, with the provision of groups / work teams for proper monitoring and participation in field work and cabinet, in which we highlight the performance of the IHSMA – CIDDEMA(Commission of Delimitation and Demarcation of the Angola Maritime Space) , with purpose of substantiate an application for extension of the national continental shelf (UNCLOS).

IHSMA, developed several studies and projects or programs namely:

- Project conclusive of Coast line survey
- Project Construction of Facilities (Central and Regional)
- Delimitation and Demarcation of the Maritime Spaces
- The Submarine Cable Fiber optic Angola Telecom and Alcatel
- Works Dredging at the Port of Cabinda
- Implementation of the Marinas in Luanda Bay
- Bathymetric Survey at the Port of Cabinda
- Signaling and the Beaconsing the jurisdiction of the Port of Cabinda, Lobito and Soyo.
- Training in the field of marine pollution
- Hydrographic Survey for the placement Wacs submarine cable along the coast
- The Design, Construction / repair of lighthouse, beacon and buoy.

3 – CHART PRODUCTION AND PUBLICATION CAPABILITY

No charts production and publication takes place at IHSMA, the existing nautical charts are based on the Portuguese charts, nowadays some public and private company have been update several charts, based on the Portuguese ones, from Angolan waters.

4 – MARITIME SAFETY INFORMATION AND GDMSS

MSI is organized as a part of IHSMA, which collects the relevant information and promulgates the navigational Warnings. The messages are broadcasted by Luanda Radio. IHSMA, also select some information and send to NAVAREA coordinator to promulgate.

IHSMA, has already developed some contact with IHPT and INAHINA to get assistance in the implementation of a Notice to Mariners Service.

Some aspects of the MSI organization are Known and defined by the IHSMA, reason of why, we are going to prepare a plan for implementation of a robust organization for MSI and GDMSS.

5 – IHO SPECIAL PUBLICATION C-55

The Instituto Hidrografico e de Sinalização Marítima de Angola (IHSMA) acknowledges the importance of the constant review of C-55 to improve hydrographic services along the maritime routes in the region, one of action is to update all the information in the publication S-55, especially the part related to surveying.

6 - PLAN OF HUMAN NECESSITIES IHSMA FOR NEXT FIVE YEARS

In summary, for each year, the number of personnel deemed necessary in various professional classes, is what is presented in the following table:

Classes Professionals	YEAR				
	2013	2014	2015	2016	2017
Officers	8	9	11	13	15
Administrative and equivalent	15	20	25	30	34
technicians	5	10	15	20	25
TOTAL	28	39	51	63	74

But the need IHSMA this start-up phase the following personnel:

- a. One (1) Engineer Hydrographer, who supervise and assume responsibility of the said Agreement;
- b. 1 (one) Hydrographic Technician Level "A" to co - lead the field work and be responsible for the technical preparation of the technical IHSMA;

c. 1 (one) Hydrographic Technician level "B" for participation in field work;

d. 1 (one) for reporting Maritime Technical;

and. 5 (five) Technical Support : 2 (two) Hydrography, one (1) Navigation, one (1) Cartography Hydrographic and one (1) for framing of Oceanography Technical IHSMA (stay in Angola six (6) months);

7 - INTERNATIONAL COOPERATION

In this period the balance IHSMA, we tried to carry out several congeners contacts with institutions in other countries to establish cooperation in various fields, with priority for exchange of experiences, information and data as well as for training frame.

In this context were established among others, the following contacts: With the DNH Brazil, the INAHINA Mozambique, NORAD of Norway, IHPT Portugal, OHI, the SAIHC, the IMO, IOC and IALA.

8 - TECHNICAL MEANS AND EQUIPMENT

The level of technical expertise and equipment to carry out field work was not obtained until now any type of equipment, though already requested superiorly its approval for the acquisition by conducting public tenders.

9 - TECHNICAL ASSISTANCE

The consulting / technical advice has always been one of the main manifestations of IHSMA since its institutionalization, but always hoping that it will be provided by a suitable institution with the capacity and experience.

Despite all proposals already received in previous years with the IH - Portugal INAHINA - Mozambique , and NORAD - Norway , also returned this year to receive an offer of cooperation from DNH - Brazil, as well as several private companies and public law Angolan and foreign . In which we highlight the EMGEPROANANG the FUGRO MAURITIUS, Geosurvey and CNC TECNOLOGIE.

10 - INTERNATIONAL PARTICIPATION

As the body responsible for policy MINTRANS of marine sciences in the field of Hydrography, Oceanography, Navigation and Lighthouse Authorities, IHSMA became present in various events such as conferences and training courses, committees work, visits institutions congeners, in which we highlight the following:

- 17th Conference IHO, Monaco
- Maritime Safety Information (MSI) Training Course Durban - South Africa
- Multibeam Sonar training course - Portugal

THANK YOU