

MSI Self Assessment - NAVAREA V
Submitted by BRAZIL

SUMMARY
Executive Summary: Overview of activities undertaken within NAVAREA V since WVNWS 11
Action to be taken:
Related documents: None

1. Background

NAVAREA V is bounded by the coast of Brazil, the parallels 07° 00'N and 35° 50'S, the meridian of 20 and bounds by the Brazilian legal waters with French Guiana and Uruguay. Radio Navigational Warnings and SAR Information is issued daily at 0030 and 1230Z or as necessary via satellite by INMARSAT-C (East Atlantic – AOR-E), 0400 to 0500Z, 1430 to 1545Z and 2130 to 2245Z via radio and internet (<https://www.marinha.mil.br/chm/dados-do-segnav-aviso-radio-nautico-tela/radio-navigational-warnings-and-sar-warnings>).

Operational Points of Contact for National Coordinators within the NAVAREA

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
BRAZIL	Brazilian Navy Hydrographic Center	+55 21 2189-3191		rafaela.castro@marinha.mil.br avradio@marinha.mil.br

2. Comments:

2.1 No new updates on GMDSS Master Plan.

Equipment Type	Software Version	Date of Up-date
Primary: Thrane&Thrane TT-3026S	EasyMail v2.02	28 Feb 2013
Secondary: Thrane&Thrane TT-3022D	EasyMail v2.02	28 Feb 2013

Detail the number of NAVAREA warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time per broadcast via SafetyNET.

2017		2018		2019	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
164	16.5 Mins	174	19 Mins	450	18 Mins

Brazil does not have an Iridium certificate of authorization from the IMO EGC Coordinating Panel. Brazil is following closely the process for the IRIDIUM's entrance into IMO for MSI transmission and it is studying any possible agreement with IRIDIUM. The Brazilian cost for issuing MSI through Inmarsat's SafetyNET service is approximately US\$ 250,000.00 per year. The transmitted data volume is in the order of 10,000 KB per year, divided into equivalent information between NAVAREA V and METAREA V.

The following table shows the quantity of MSI (Coastal, Local and Oceanic Area) messages were received:

2017	2018	2019
4319	4040	5194

3. NAVTEX Coverage:

No

4. Operational Issues:

4.1. System Controlling MSI Warnings

The system to control de MSI is done and is working since JULY 2015.

4.2. Service SafetyNET

The NAVAREA and Coastal warnings are broadcast by SafetyNET, in English, messages issued twice a day, in programmed schedules 0030Z and 1230Z, since March 2013 by Service Provider Stratos with Burum -The Netherlands Land Earth Station (LES) - AOR-E satellite, in Brazil is represented by OnixTec Serviços Tecnológicos Ltda. (tel: +55 43 9914-3027, <suporte@onixtec.com.br>)

4.3. "In force" warnings bulletins

NAVAREA V Coordinator issues every Wednesday an "in force" warnings bulletin.

5. Quality Management Survey

NAVAREA	ISO 9001 -2008	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast	24/7 contact information provided	Promulgate two scheduled broadcasts	Certificates for all recognised service providers	IMO Master Plan updated
NAVAREA V	YES	YES	YES	YES	YES	YES	NO	YES

6. Contingency Planning

The contingency planning occurs once a year with Argentina and it was signed since 2015. The planning was carried out this year in June with satisfactory results.

7. Capacity Building

On 16-18 October 2018, a Maritime Safety Information (MSI) Training Course to benefit countries in the area of influence of the Southwest Atlantic Hydrographic Commission (SWAtHC) was held at the Directorate of Hydrography and Navigation of Brazilian Navy (DHN) on behalf of the International Hydrographic Organization (IHO) Capacity Building Sub-

Committee (CBSC) and the IHO's World-Wide Navigational Warning Service Sub-Committee (WWNWS-SC). The SWAtHC invited representatives from two others Latin American Hydrographic Commissions, the Southeast Pacific Regional Hydrographic Commission (SEPRHC) and the MesoAmerican and Caribbean Sea Hydrographic Commission (MACHC). Also, in order to publicize the importance of the subject as well as to disseminate the Capacity Building training program available to IHO members, it was possible to register a representative of Liberia. This training provided the opportunity for representatives of Regional Hydrographic Communities to gain insight into the importance of the MSI and how to act to report certain events preventing a significant impact on the safety of navigation within its coastal region.

<https://www.iho.int/mtg_docs/CB/CBP/2018/2018_P10_SWAtHC%20MSI%20Training%20Course-Report.pdf>

8. Other Activities

None

9. NAVAERA Website:

9.1 Address: <https://www.chm.mb/dados-do-segnav-aviso-radio-nautico-tela/radio-navigational-warnings-and-sar-warnings>

9.2 Frequency of update: twice a day.

9.3 The warning cancelled since 2008 will be available in the site

10. NAVAREA Contact Information

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11. Recommendations:

None

12. Actions request

The Sub-Committee is invited to note the report.

13. Summary

Iridium certificate and the damage to the Naval Administration.

Annex:

A. Map of NAVAREA V

