

MSI Self Assessment NAVAREA V

Submitted by BRAZIL

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA V since
WWNWS 10

Action to be taken: Paragraph 12

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 avrado@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:

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
221	21 Mins	164	16.5 Mins	174	19 Mins

We are closely accompanying the status of IRIDIUM's entry into IMO for MSI transmission. IRIDIUM has offered to Brazil free transmission of MSI until January 1, 2022 if the agreement is signed by September 20, 2019. Currently, the cost of issuing MSI through Inmarsat's SafetyNET service is approximately \$ 250,000.00 per year, the volume of data transmitted is in the order of 10,000 KB / year, divided into roughly equivalent parts between METAREA V and NAVAREA V. The SOLAS Convention stipulates that at least one of the channels between SafetyNET (Inmarsat), NAVTEX and HF is used and the country already uses SafetyNET, this information is contained in the GMDSS Master Plan. As long as transmission by both providers to the SOLAS convention or IMO resolution is not mandatory, Brazil will continue to transmit MSI through SafetyNET, as assuming costs for transmission through two MSI providers would cause damage to the Naval Administration.

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

2016		2017		2018	
Total	E-mail	Total	E-mail	Total	E-mail
4171	4171	4319	4319	4040	4040

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. NAVAREA 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 date and time of the last update displays on the web site.

10. NAVAREA Contact Information:

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11. Recommendations:

None.

12. Actions requested:

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

