

**MSI Self Assessment - NAVAREA V**  
Submitted by BRAZIL

**SUMMARY**

Executive Summary: Overview of activities undertaken within NAVAREA V since  
WWNWS 6

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. Operational Points of Contact for National Co-ordinators within the NAVAREA:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
BRAZIL Brazilian Navy Hydrographic Center	+55 21 2189-3023	+55 21 2189-3010	<a href="mailto:vania@chm.mar.mil.br">vania@chm.mar.mil.br</a> <a href="mailto:segnav@chm.mar.mil.br">segnav@chm.mar.mil.br</a>

2. Comments:

2.1 No changes on GMDSS Master Plan.

2.2 The following table shows the quantity of MSI (Costal, Local and SafetyNET) messages were received (by a specif type of communication):

2012				2013				2014			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
			4467				4753				4500

2.3 The following table shows the number of SafetyNET messages that were promulgated:

Type/Year	2012	2013	2014
NAVAREA	488	411	518

2.4 - The following table shows the number of NAVAREA V warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time per broadcast via SafetyNET

2012		2013		2014	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
112	14 minutes	92	15 minutess	106	15.2 minutes

3. NAVTEX Coverage:

No

4. Operational Issues:

4.1. System Controlling MSIwarnings

The System to control de MSI is done and is working since JULY2015. The details are provide in the paper of the list of Action

4.2 Visiting to AMSA

On 27 and 28 April was held a visit in the Rescue Coordination Centre, in Canberra, Australia, to NAVAREA X Coordinator, in the headquarters of the Australian Maritime Safety Authority (AMSA). The purpose of the visit was obtain knowledge of the MSI control procedures and also know the system used to control and promulgate the MSI. The system called NEXUS and it began to be built in 1999, and according to need new tools are added.

The main features of the system are:

- A user friendly, efficient and logical display of information providing greater screen real estate to display and visualize information
- A Windows environment providing a mission critical PC operating system
- Applications/processes are coordinated from a single PC
- Sufficient system memory to cater for running multiple applications, in particular displaying raster sourced GIS maps
- Digital Telephone Handsets.

The visit others coordinators is very productive because it allows the implementation of new ideas for change procedure or the implementation of a new tool.

4.2 Service SafetyNet

The NAVAREA and Coastal warnings are broadcast by SafetyNET, in English, with messages transmitted 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, (tel, and e-mail) in Brazil counterside is represented by OnixTec Serviços Tecnológicos Ltda. (tel: +55 43 3374-3818, and +55 43 3374-3874 ; <victor.zanin@onixtecnologia.com> )

5. Quality Management Survey

NAVAREA	ISO 9001 - 2008	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast in almost real time	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
NAVAREA V	YES	YES	YES	YES	YES	YES	YES

6. Contingency Planning

The contingency planning was signed by Brazil and will be mailed to Argentina for signature in two weeks.

7. Capacity Building

None

8. Other Activities

None

9. NAVAERA Website:

9. NAVAREA Website

9.1 Address: <http://www.mar.mil.br/dhn/chm/box-aviso-radio/avradios-ing.html>

9.2 Frequency of update: twice a day, with the date and the time of the last update.

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

10. NAVREA Contact Information

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E-mails: [vania@chm.mar.mil.br](mailto:vania@chm.mar.mil.br); or [segnav@chm.mar.mil.br](mailto:segnav@chm.mar.mil.br)

11. Recommendations:

None

12. Actions request

None

13. Summary

13.1 Presentation paper of Controlling MSI warnings

13.2 Signature of Contingency Planning

13.4 Visit to AMSA, NAVAREA X Coordinator

List of annexes

ANNEX 1 map of NAVAREA I

