

MSI Self Assessment - NAVAREA V
Submitted by BRAZIL

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA V since
WWNWS3

Action to be taken: Note report

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 Centre	+55 21 2189-3023	+55 21 2189-3010	vania@chm.mar.mil.br segnav@chm.mar.mil.br

2. Comments:

2.1 - The following table shows the number of Radio Navigational Warning that was promulgated as SafetyNet messages:

Type/Year	2009	2010	2008 (by JUL)	2012 (until SET)
NAVAREA	127	569	636	321

2.2 - The following table shows the number of Radio Navigational Warning that was promulgated through all services (SafetyNET, VHF/HF and Internet), considering the warnings inside each bulletin and some that were transmitted as individual messages as trail:

Type/Year	2009	2010	2011	2012(SET)
All	5014	4663	4093	3052

3. NAVTEX Coverage

Brazil is in studies for deployment of stations NAVTEX, and doesn't broadcast navigational warnings on NAVTEX and within NAVAREA V. Coastal warnings are broadcast via SafetyNET using the relevant C codes.

4. Operational Issues:

4.1 Requesting Warnings in force

NAVAREA V is receiving, frequently, requests asking to send by e-mail navigational warnings that are missing. All the warnings in force are in Internet. A message standard to answering is "Please be advised that this Co-ordinator keeps available all warnings NAVAREA V, coastal (north, east and south), local and SAR radio navigational warnings (in force) you need, on the Internet at the address: <http://www.mar.mil.br/dhn/chm/avgantes/avradioing.htm>

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/2012 by Service Provider Vizada with Aussaguel-France Land Earth Station (LES) - AOR-E satellite (121), (tel, fax e-mail) in Brazil counterside is represented by Arycom Comunicação via Satélite LTDA (tel: +55 11 3051-3001; fax: +55 11 3051-7333; <lucas.bonfim@arycom.com>)

NAVAREA V warnings in force for more than six (6) weeks are not included in these messages, since they are issued in Notices to Mariners.

4.3 NAVAREA V has experienced some problems with the new Service Provider (Vizada) like:

- 1 -They do not are capable to facilitate the self cancelation of message warnings with repetition code. They must be canceled manually by the operator.
- 2 - Some warnings and SAR warnings were transmitted simultaneously by AOR-E and AOR-W, although the messages code was correctly put only to AOR-E.

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

Having satisfactorily performed the broadcast and reception test on SafetyNET service, NAVAREA V (Brazil) and VI will enter into an agreement. The approval of such agreement by NAVAREA V is currently in its final stage. The objective of such agreement is to implement a common procedure of mutual support through a Contingency Plan in the event a catastrophic failure arises. This is to ensure that broadcast and monitoring of Maritime Safety Information (MSI) warnings are not interrupted.

7. Capacity Building

None

8. Other Activities

None

9. NAVAREA Website

a) Address: <http://www.mar.mil.br/dhn/dhn/index.html>

Links: “English” → “Notices to Mariners and Radio Navigational Warnings and SAR”.

b) Frequency of update: twice a day, as a rule.

c) Number of hits: not quantified (due to security reasons, insertion of counters is not allowed in Brazilian Navy sites).

10. NAVREA Contact Information

Lieutenant Commander Vânia Cláudia de Assis

Tel: +55 (21) 2189-3023

Fax: +55 (21) 2189-3210, +55 (21) 2620-0073

E-mails: vania@chm.mar.mil.br; or segnav@chm.mar.mil.br

11. Recommendations:

None

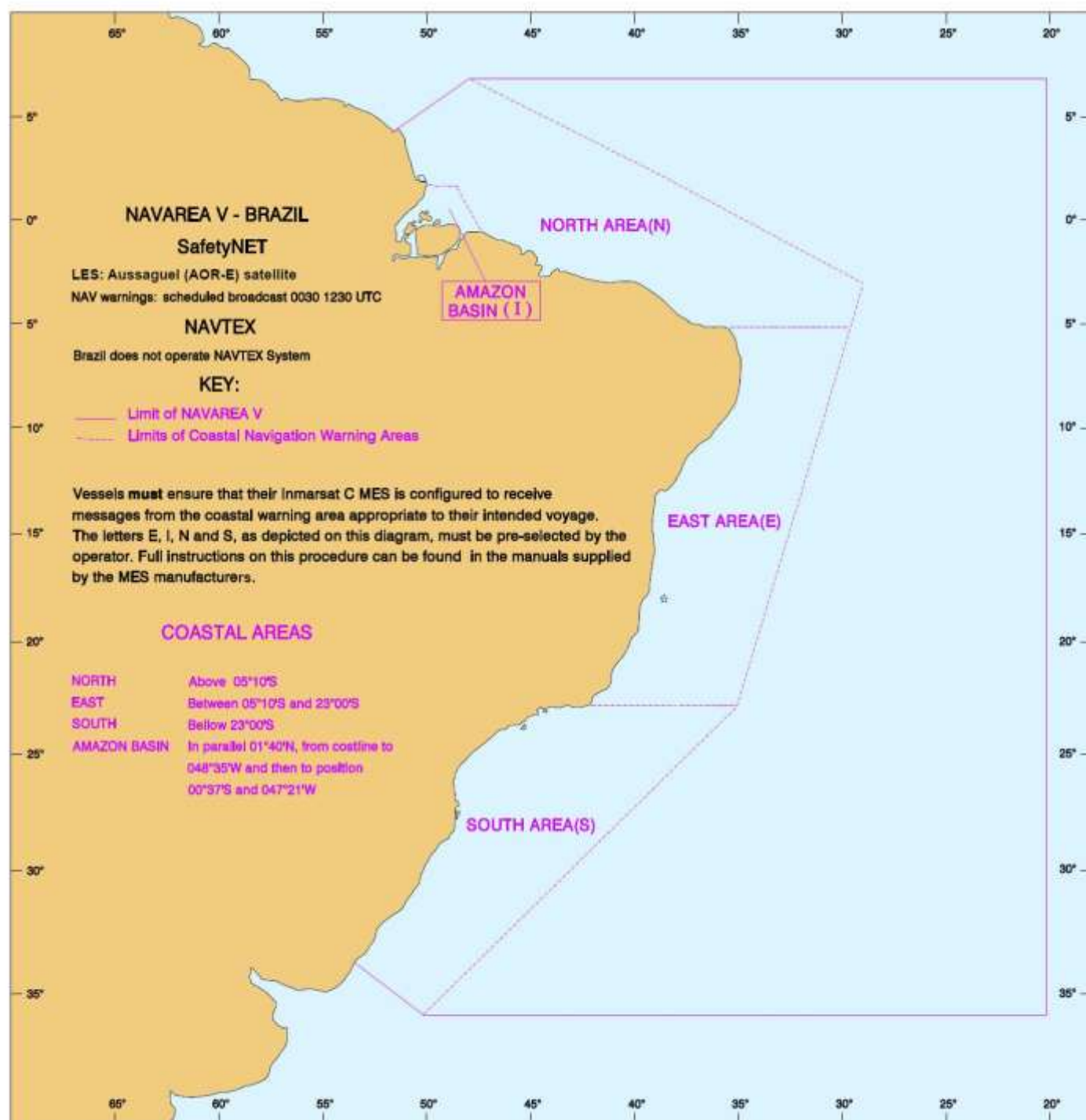
12. Actions request

None

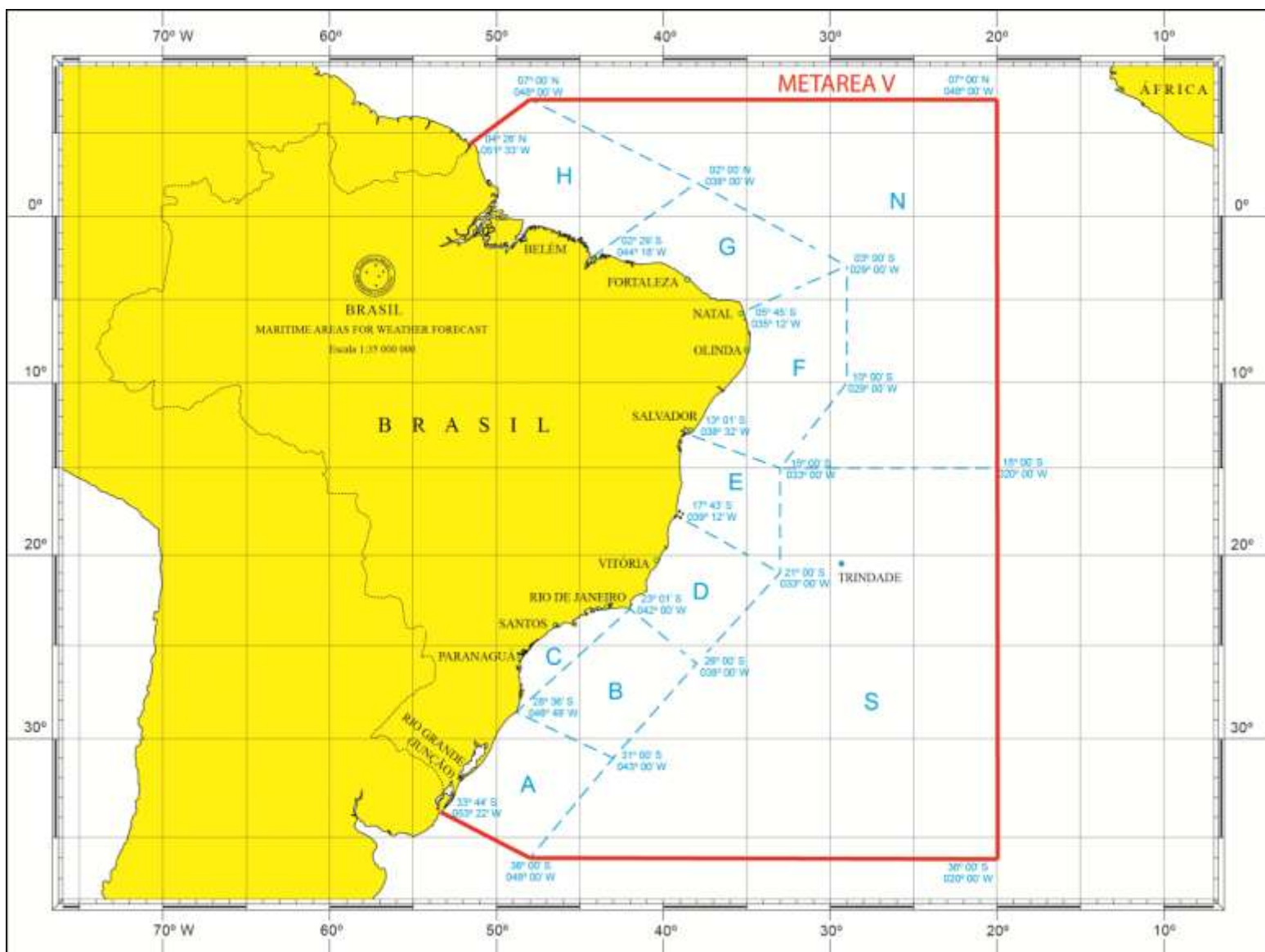
13. Synopsis:

13.1 The contingency plan between Brazil and Argentina to promulgate MSI in case of emergency is in final phases.

NAVAREA V



METAREA V



ISSUE OF MARITIME SAFETY INFORMATION (Radio Navigational Warnings, SAR and Meteorological Information) for NAVAREA/METAREA V

A) TRANSMISSIONS VIA RADIO (HF BAND) – BRAZILIAN NAVY’S RADIO STATION IN RIO DE JANEIRO				
SERVICES	SCHEDULES (DAILY)	CHANNELS (*)	FREQUENCIES	CONTENTS
RADIO NAVIGATIONAL WARNINGS AND SAR INFORMATION	0400 to 0500Z	RD	4.266,0 kHz (on demand of mariner) 6.448,0 kHz 8.580,0 kHz	- Area and Coastal Radio Warnings, except those already published in Notices to Mariners, and SAR Information (Portuguese/English) - Local Radio Warnings, except those already published in Notices to Mariners, and SAR information (Portuguese).
	1430 to 1545Z	RD		
	2130 to 2245Z	RD		
METEOROLOGICAL BULLETINS	0230 to 0330Z	RD	12.709,0 kHz	- Meteorological forecasts (Portuguese/English) - Meteorological warnings (Portuguese/English)
	0600 to 0730Z	RD	16.974,0 kHz	
	1845 to 1930Z			
METEOROLOGICAL CHARTS	0745 to 0925Z	RS	12.665,0 kHz 16.978,0 kHz	- Analysis of atmospheric pressure on surface - Height and direction of waves - Wind at 10m above surface - Sea surface temperature
	1630 to 1810Z			
B) TRANSMISSIONS VIA RADIO (VHF AND HF BANDS) – COASTAL STATIONS NET (RENEC) OF EMBRATEL				
SERVICES	SCHEDULES	CHANNELS (*)	FREQUENCIES	CONTENTS
METEOROLOGICAL BULLETINS	On demand of mariner	RL	VHF: Call in 156,8 MHz (Channel 16) and traffic in a Channel to be designed by the station. HF: Call in 4.125,0 kHz and traffic in a frequency designed by the station	- Meteorological Forecast (Portuguese/English) - Meteorological warnings (Portuguese/English)
METEOROLOGICAL WARNINGS, RADIO NAVIGATIONAL WARNINGS AND SAR INFORMATION	As necessary			- Meteorological warnings (Portuguese/English) - Most relevant Area, Coastal and Local Radio Warnings - SAR information (English)
C) TRANSMISSIONS VIA SATELLITE (INMARSAT-C) – AUSSAGUEL EARTH STATION OF VIZADA				
SERVICES	SCHEDULES (DAILY)	SATELLITE	CONTENTS	
RADIO NAVIGATIONAL WARNINGS AND SAR INFORMATION	0030Z and 1230Z or as necessary	East Atlantic (AOR-E)	- SAR Information (English) - Area and Coastal Warnings (English), except those already published in Notices to Mariners.	
METEOROLOGICAL BULLETINS	0730Z and 1930Z or as necessary		- Meteorological forecasts (English) - Meteorological warnings (English)	
D) INTERNET				
SERVICES	SITES AND LINKS			CONTENTS
RADIO NAVIGATIONAL WARNINGS AND SAR INFORMATION	www.mar.mil.br/dhn/chm/avgantes/avgante.htm			Area, Coastal and Local Radio Warnings (Portuguese)
	www.mar.mil.br/dhn/chm/avgantes/english/index.htm			Area and Coastal Radio Warnings (English)
NOTICES TO MARINERS (**)	www.mar.mil.br/dhn/chm/avgantes/folheto/pdf.htm (choose the link of NM of interest)			- In Section II of NM: Area, Coastal and Local Radio Warnings (Portuguese) in force more than 6 weeks.
	www.mar.mil.br/dhn/chm/avgantes/english/pdfing.htm (choose the link of NM of interest)			- In Section VII of NM: Area and Coastal Radio Warnings (English) in force more than 6 weeks.
METEOROLOGICAL BULLETINS	www.mar.mil.br/dhn/chm/meteo/index.htm (choose the link “meteoromarinha” – in Portuguese) www.mar.mil.br/dhn/chm/meteo/indexing.htm (choose the link “bulletins” – in English)			- Meteorological forecasts (Portuguese/English) - Meteorological warnings (Portuguese/English)
	www.mar.mil.br/dhn/chm/meteo/index.htm (choose the link “avisos de mau tempo” – in Portuguese) www.mar.mil.br/dhn/chm/meteo/indexing.htm (choose the link “severe weather warnings” – in English)			- Meteorological warnings (Portuguese/English)
METEOROLOGICAL CHARTS	www.mar.mil.br/dhn/chm/meteo/index.htm (choose the link “cartas sinóticas” – in Portuguese) (choose the link “previsão numérica”- in Portuguese) www.mar.mil.br/dhn/chm/meteo/indexing.htm (choose the link “synoptic charts” – in English) (choose the link “numerical predictions” – in English)			- Analysis of atmospheric pressure on surface and other products.