

## MSI Self Assessment NAVAREA VI

Submitted by *Argentina/ Naval Hydrographic Service*

### SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA VI since WWNWS11

Action to be taken: Paragraph 12

Related documents: None

### 1. Background:

The Naval Hydrographic Service under the Argentine Ministry of Defence is the NAVAREA VI Coordinator.

#### 1.1 Current limits of NAVAREA VI

West boundary: comprises the Argentine and Uruguayan coasts and the Cabo de Hornos meridian.

East boundary: comprises the 20° W meridian.

North boundary: comprises the imaginary line starting from Chuy river (Uruguay), it extends 200 miles at 128° true azimuth, and then continues along parallel 35° 50' S (Brazil-Uruguay maritime boundary).

South boundary: comprises the Antarctic coast.

#### 1.2 SafetyNET Satellite

STT: Eik - Norway, Service(s): AOR-W (Atlantic Ocean Region-West)

GMDSS service provider: Eik – Norway, Service(s): AOR-W

Scheduled broadcast per day: 1100 and 2300 local time (1400 and 0200 UTC)

Safety NET Satellite broadcast service providers: INMARSAT through TESACOM (Argentina) and Marlink (USA) Companies.

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

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Argentina	Hydrographic Naval Service	+54 11 4301 2249 +54 11 43010061/67 extension 4028	+5411 43012249	shn_organ@hidro.gov.ar snautica@hidro.gov.ar Website: www.hidro.gov.ar
Uruguay	Hydrographic, Oceanographic and Meteorological Service of the Navy	+598 2309 3775	+598 2309 9220	sohma@armada.mil.uy Website: www.armada.mil.uy

**2. Comments:**

**2.1** Report on the status of the GISIS GMDSS Master Plan for coastal states within NAVAREA.

No changes on GMDSS Master Plan. Last update: 2019

**2.2** Specifics of equipment NAVAREA

<b>Equipment Type</b>	<b>Software Version</b>	<b>Date of Up-date</b>
TESACOM unit for Safety Net System	---	---

**2.3** Specifics of information and data received

<b>2017</b>				<b>2018</b>				<b>2019</b>			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
75%	5%	20%	0%	85%	5%	85%	5%	60%	0%	15%	25%

**2.4** List all IHO Member States within your NAVAREA which have not provided MSI - NAVAREA or Coastal - for 2019 and 2020.

Not applicable.

**2.5** The following table shows the number of SafetyNET and NAVTEX navigational warning messages promulgated in the last three years:

<b>NAVAREA VI</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
SafetyNET	730	728	741
NAVTEX	1340	597	4746

**2.6** Specifics on what Inmarsat satellite(s) are you broadcasting?

See paragraph 1.2.

**2.7** The table shows the number of 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
63	20 Min	39	20Min	25	20 Min
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Observation: SafetyCast not applicable.

The most significant MSI within NAVAREA VI are the following:

- Ice reports (changes in ice edges and driftings).
- Vessels restricted in their ability to manoeuvre.
- SAR operations.
- Any other information relevant to safety of navigation.

**2.8** Do you have an EGC certificate of authorization from the IMO EGC Coordinating Panel?

Yes.

Issue Date: 8 January 2020

Certificate No: 6

**2.9** Specifics on what plans you have for obtaining an Iridium contract agreement, at what stage of testing are you and details on when you anticipate to commence full operational use of the SafetyCast system?]

Tests with Iridium were not started. It is not planned to contract Iridium as a system provider.

**2.10** Specifics of requests for list of in-force navigations warnings

2017		2018		2019	
Total	E-mail	Total	E-mail	Total	E-mail
12	snautica@hidro.gov.ar	14	snautica@hidro.gov.ar	90	snautica@hidro.gov.ar

### 3. NAVTEX Coverage:

International NAVTEX service 518 KHz – English

National NAVTEX service [490 KHz] – Spanish

COUNTRY	STATION	IND.	TELEPHONE/FAX/EMAIL/MMSI/TIME (UTC)	POSITION/ RANGE NAUTICAL MILES
Argentina	Ushuaia	M [A]	Phone: (54-2901) 422382 Fax: (54-2901) 421425 jeushu@prefectura naval.gov.ar MMSI: 007010011 0200, 0600, 1000, 1400, 1800, 2200	54°48'S 068°18'W 280M
	Río Gallegos	N [B]	Phone: (54-2966) 435494 Fax: (54-2966) 435494 rgal-costera@prefectura naval.gov.ar MMSI: 007010010 0210, 0610, 1010, 1410, 1810, 2210	51°39'S 069°12'W 280M
	Comodoro Rivadavia	O [C]	Phone: (54-297) 4473863 Phone: (54-297) 4476800 Fax: (54-297) 4462167 jcriv@prefectura naval.gov.ar MMSI: 007010008 0220, 0620, 1020, 1420, 1820, 2220	45°57'S 067°35'W 280M
	Bahía Blanca	P [D]	Phone: (54-291) 4573355 Fax: (54-291) 4573355 MMSI: 007100005 bbla@prefectura naval.gov.ar bbla- contrase@prefectura naval.gov.ar 0230, 0630, 1030, 1430, 1830, 2230	38°52'S 062°06'W 280M
	Mar del Plata	Q [E]	Phone: (54-223) 4803006 Fax: (54-223) 4803100 MMSI: 007010221 jempla@prefectura naval.gov.ar 0240, 0640, 1040, 1440, 1840, 2240	38°03'S 057°32'W 280M
	Buenos Aires	R [F]	Phone: (54-11) 45767657 Fax: (54-11) 45767657 info@prefectura naval.gov.ar MMSI: 007010001 0250, 0650, 1050, 1450, 1850, 2250	35°23.8'S 057°10.6'W 280M
Uruguay	La Paloma	F [A]	Phone: (598-2) 3093775/3861 Fax: (598-2) 3099220 prela_radio@armada.mil.uy 0050, 0450, 0850, 1250, 1650, 2050 OFF AIR	34°40'S 054°09'W 280M

#### 4. Operational Issues:

Details of MSI information received from coastal states within the NAVAREA and typical topics/subjects:

Coastal State/Country	Number of MSI messages	Topics/Subjects of messages
Uruguay	33	Aids to navigation news, military exercises, SAR and oil transfer operations

GMDSS Master Plan:

NAVTEX Coverage:

International NAVTEX Service: La Paloma, Uruguay Station: Inoperative

National NAVTEX Service: La Paloma, Uruguay Station: Inoperative

NAVTEX Station La Paloma (Lat 34°40'S Long. 054°09'W) which depends on the Uruguay National Coordinator is off air since 2005. In this regard, NAVAREA VI Coordinator has made several formal requests to that national authority in order to restore the operational status as soon as possible.

Uruguay uses the National radio stations that broadcast nautical warnings:

1. CONTROL LA PALOMA PREFECTURA RADIO (CWC 30) Position: Lat. 34°39'30" S Long. 054°08'28" W Frequency (type of broadcasting) [Power]: 2722.1 KHz (J3E) [1 KW]; Channel 15 156.750 MHz (F3E) [0,1 KW] Schedule (UTC): 03:03, 15:33, 23:03. Radio nautical warnings.

2. CONTROL PUNTA DEL ESTE PREFECTURA RADIO (CWC 34) Position: Lat. 34°57'48" S Long. 054°57'06" W Frequency (type of broadcasting) [Power]: 2722.1 KHz (J3E) [0,15 KW]; Channel 15 156.75 MHz (F3E) [0,025 KW]. Schedule (UTC): 01:33, 15:03, 21:33. Radio nautical warnings.

3. CONTROL PIRIÁPOLIS PREFECTURA RADIO (CWC 33) Position: Lat. 34°52'50" S Long. 055°16'10" W Frequency (type of broadcasting) [Power]: Channel 15 156.750 MHz (F3E) [0,025 KW]. Schedule (UTC): 07:03, 13:33, 21:03. Radio nautical warnings.

4. TROUVILLE PREFECTURA RADIO (CWC 39) Position: Lat. 34°52.00' S Long. 056°18.66' W Frequency (type of broadcasting) [Power]: 4146 KHz (J3E) [1KW]. Channel 15 156.750 MHz (F3E) [0,025 KW] Schedule (UTC): 01:03, 11:33, 19:03. Radio nautical warnings.

5. CONTROL MONTEVIDEO PREFECTURA RADIO (CWC) Position: Lat. 34°54'18" S Long. 056°12'44" W Frequency (type of broadcasting) [Power]: Channel 15 156.750 MHz (F3E) [0,1 KW]. Schedule (UTC): 08:33, 16:03, 22:03. Radio nautical notices.

Argentina with its NAVTEX station located in Buenos Aires covers NAVTEX station La Paloma.

NAVAREA VI in-force bulletins are weekly issued on SafetyNet twice a day every Wednesday, at 14.00 UTC and 02.00 UTC.

Warnings are broadcasted for 42 days. Those older than 42 days are included in the Notices to Mariners, which is monthly issued as provided for in the Joint IMO/IHO/WMO Manual on Maritime Safety Information.

## 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 VI	NO	YES	YES	YES	YES	YES	YES	YES

## 6. Contingency Planning

According to the plan in force between NAVAREA V (Brazil) and NAVAREA VI (Argentina), on 6 and 7 July an annual exercise testing was performed. 104 ships successfully answered the broadcast and informed their positions.

The results of the exercise were positive as it enabled personnel training and the verification of procedures.

## 7. Capacity Building:

[Indication of coastal states within NAVAREA identified as being in need of MSI training and assistance, including prioritization. Offer of and/or demand for Capacity Building, Training received, offered, status of national, bilateral, multilateral or regional development projects with MSI component. Comment on when/if MSI training was provided to coastal states within NAVAREA and assessment of impact of training provided, including noticeable improvements of quality and quantity of MSI received by NAVAREA Coordinator for transmission.]

Not applicable.

## 8. Other Activities:

IMSO, 14 – 16 July 2020 (virtual meeting).

IALA –ARM 11, 09 -13 March 2020 (Buenos Aires, Argentina)

WWNWS 11, 26-30 August 2019 (Halifax, Canada)

## 9. NAVAREA Website:

<http://www.hidro.gov.ar/Nautica/radioav.asp>

Information on the website is updated as follows:

1. Navigational Warnings, as soon as an event occurs.
2. Height of tides, every hour.
3. Wave and tide predictions, daily broadcasted according to set schedules.

4. Antarctic glaciological information, sea ice edge, main icebergs adrift, daily broadcasted.
5. Notices to Mariners, monthly.

Update data cannot be viewed on the website.

**10. NAVAREA Contact Information:**

Without changes.

**11. Recommendations:**

Not applicable.

**12. Actions requested:**

The Sub-Committee is invited to note this report.

**13. Summary:**

As far as the obtention of an Iridium contract agreement is concerned, NAVAREA VI is not planning to contract Iridium in the short term.

It is important to highlight that despite Argentine efforts in requesting Uruguay to restore the operational status of NAVTEX Station La Paloma, it continues off air since 2005.

NAVAREA V (Brazil) and NAVAREA VI (Argentina) performed a contingency plan exercise at the beginning of July. The outcome has been successful as a big number of ships informed their position, it has contributed to the training of the staff and the verification of existing procedures.