

# \* NAVAREA VII REPORT

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\* Submitted by: South Africa

## To the 13th SAIHC CONFERENCE

### 29-31 AUGUST 2016

(CAPE TOWN, SOUTH AFRICA)



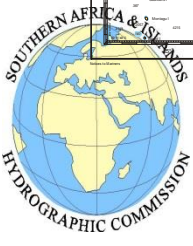
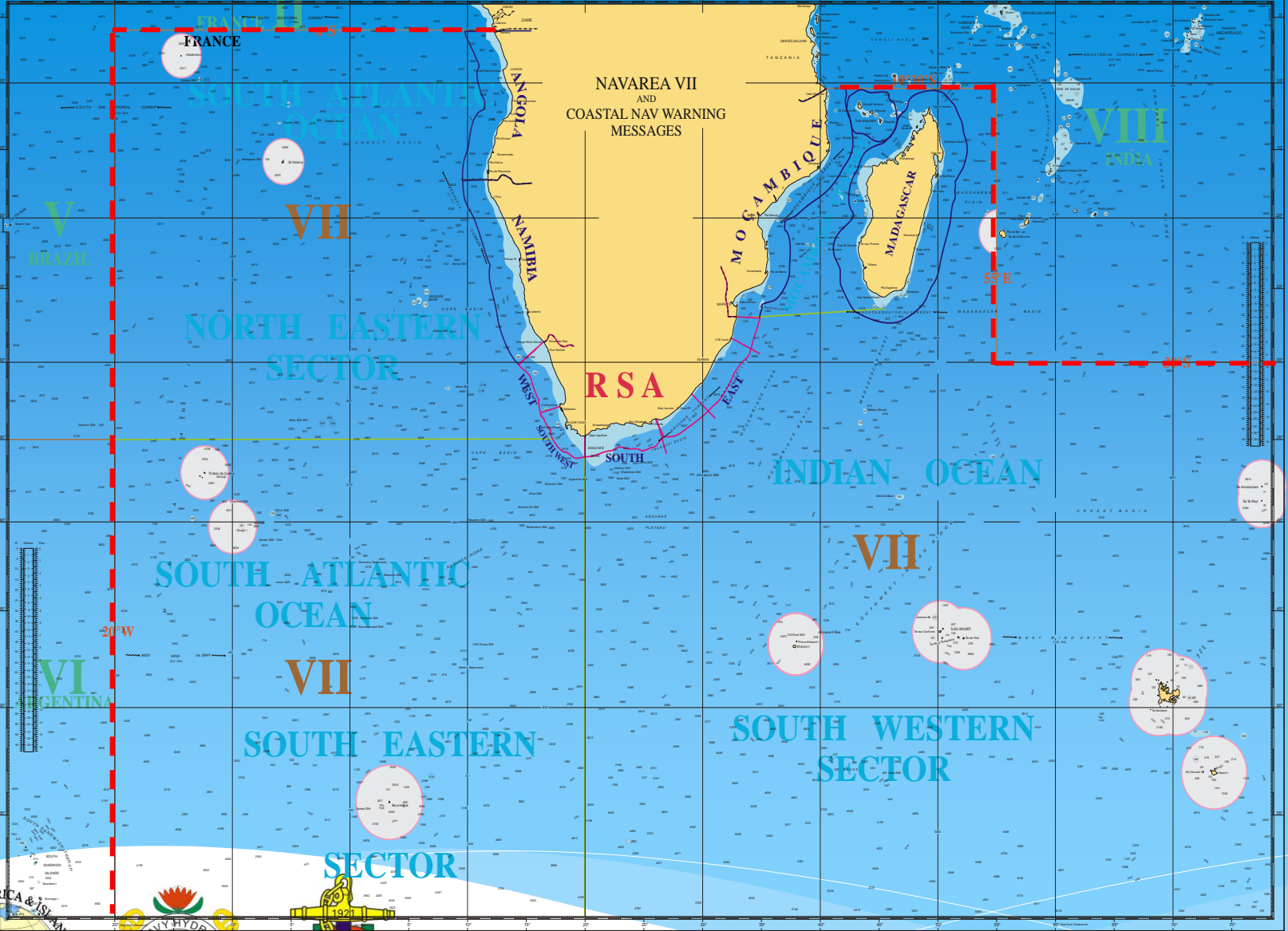
# NAVAREA VII REPORT

**South Africa** is the Coordinator of NAVAREA VII

*In conjunction with the South African Meteorological Service, promulgates and disseminates shipping safety messages and weather information.*

**Cape Town Radio** is the GMDSS service provider.





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# NAVAREA VII REPORT

Operational Point of Contact for the National Coordinator is :

Country	Telephone	Facsimile	Email
South Africa	+27 21 787 2445 +27 21 787 2408	+27 21 787 2233	hydrosan@iafrica.com

**Port Control Vessel Traffic Services** in most South African hub ports provide information necessary for safe navigation within VTS routes and port approaches.

SafetyNET coverage is available through the NAVAREA VII Coordinator, for Angola, Namibia, Mozambique, Reunion and Madagascar.



# NAVAREA VII REPORT

## The Namibian Port Authority (NAMPORT)

- Maintain in regular contact with the NAVAREA VII Coordinator.
- Both SafetyNET and NAVTEX MSI concerning the Namibian coast are provided for promulgation by the South African Navy Hydrographic Office.
- Whilst the Namibian NAVTEX service is out of operation, Cape Town Radio will include Namibian Maritime Safety Information with its scheduled NAVTEX and SafetyNET MSI transmissions.

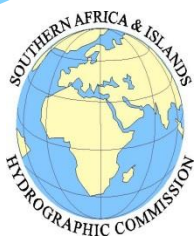


# NAVAREA VII REPORT

The **Mozambique Institute of Hydrography and Navigation (INAHINA)** promulgates monthly Notices to Mariners. Relevant MSI is passed to the NAVAREA VII Coordinator for transmission on SafetyNET.

There is a stable reception of MSI from **Angola**, mostly from oil & gas industry. Vessels transiting NAVAREA VII report MSI via coast radio stations or directly to SANHO. Resulting broadcasts are made via NAVTEX and SafetyNET. Improved reporting required from shore establishments.

There remains a lack of communication from **Angola (main land)**, **Iles Comoros** and **Madagascar** in terms of the dissemination of MSI. This poses a potential risk to mariners in the relevant areas.



# NAVAREA VII REPORT

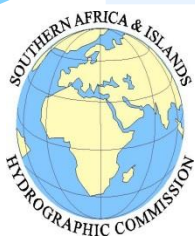
There is a lack of NAVTEX transmitting stations north of the South African international borders and there is no apparent acquisition of MSI transmitting apparatus, MSI training or implementation of MSI dissemination by States in the Great Rift Valley in the Southern African region.

## SafetyNET Messages Promulgated

	2013	2014	2015	2016
NAVAREA VII	444	403	269	203 to date

## Coastal Navigational Warnings Messages Promulgated

	2013	2014	2015	2016
NAVAREA VII	725	708	766	378 to date





# NAVAREA VII REPORT

## Operational Issues

The States of Angola, Madagascar and Iles Comoros are encouraged to communicate with the NAVAREA VII Coordinator and to adapt to the GMDSS and to implement MSI measures.

For the safety of life...

- MSI awareness **must be improved**;
- the **installation of radio communication equipment** and
- the associated **operator training** is imperative.





# NAVAREA VII REPORT

## CURRENT STATUS OF MSI IN THE REGION

O = Operational

T = Under trial

P = Planned or to be decided

NI = No Information

Country	A1 Area	A2 Area	A3/A4 Area	NAVTEX	SafetyNET	Notes
Angola	P	P	P	No	Yes	b
Kenya	P	P			NAVAREA VIII	a
Madagascar	P	P				a
Malawi	NI	NI	NI			c
Mauritius	O	O	P	O	NAVAREA VIII	
Mozambique	P	O	P			a, b
Namibia	P & T	P & T	P & T		P	b
Seychelles	P	P	P		NAVAREA VIII	a
South Africa	P	NI	O	O	O	
Tanzania	P	P	P		NAVAREA VIII	a
Uganda	NI	NI	NI			c



# NAVAREA VII REPORT

## Quality Management Survey

**Contingency Planning.** To ensure the continuous operational capability of MSI dissemination via SATCOM C SafetyNET, contingency plans have tested and proofed to be successful between South Africa, France and Australia.

NAVAREA VII	ISO 9001 - 2000	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
	No	Yes	Yes	Yes	Yes	Yes	Yes



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## Capacity Building

- SAIHC has identified Capacity Building initiatives with MSI as a very important first phase component.
- The IHO Capacity Building Sub-Committee (CBSC) has established a capacity building fund (CBF) to facilitate activities such as technical workshops, visits and training courses within the region.
- MSI training courses have been conducted in Mozambique, Namibia and, more recently, South Africa.
- In SAIHC there is a definite realization of the importance of continued capacity building for Phase I activities within NAVAREA VII and a further Phase I MSI course was conducted in Walvis Bay, Namibia in 2016.



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## Maritime Safety Information (MSI)





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- SafetyNET and NAVTEX messages are published on both the website and internal SA Navy website (Intranet).
- Messages are updated daily during office hours from Mon to Fri (07:30 – 16:00 SAST).
- Outside normal office hours, MSI is monitored by Cape Naval Radio (Cape Town Radio) who provides a 24H watch keeping service and is in constant telephone contact with the MSI Officer.
- Cape Town Radio is the primary 24H service operator responsible for the dissemination of MSI messages. All MSI messages are transmitted twice daily.
- In addition to postal methods, the South African Hydrographic Office also publishes Notices to Mariners, archived to the year 2000, as well as all current SafetyNET messages and Coastal Navigational Warnings on its intranet/internet websites: [www.sanho.co.za](http://www.sanho.co.za).



# NAVAREA VII REPORT

## What warrants MSI action?

- Naval gunnery exercises.
- Defective aids to navigation eg lighthouses, buoy & harbour lights, racons & positions of buoys etc.
- Hazardous movements and towing of rigs, vessels, etc.
- Survey & cable laying operations.
- Update of Rig List.
- Hazardous gear left in water eg survey/fishing/anchor gear.
- Man overboard information.
- Vessels in distress.
- Lost life rafts, containers, cargo, etc.
- Rocket firings.
- Shoal soundings.
- Piracy activity.
- Tsunami warnings.



# NAVAREA VII REPORT

## Suggestions on how to improve MSI communication.

- Make use of all channels of communications eg fax & email facilities. Email facilitates ease of follow-up action.
- Provide contact information upon reporting of hazards for follow-up purposes when using fax.
- Update all contact information eg 24hour contact number, email & website info.
- When in doubt, send any information relevant to MSI.
- Rather provide too much information than no information.





# NAVAREA VII REPORT

## Actions required

The commission is invited to note the report and take cognizance of the lack of NAVTEX stations north of the South African international borders.

Namibia in the process of correcting current shortcomings.



# NAVAREA VII REPORT

## Summary

- There remains a lack of NAVTEX Stations north of the South African international borders.
- SAIHC instills the awareness of maritime safety and encourages the implementation of MSI measures by member states.
- A contingency plan arrangement between NAVAREA VII and NAVAREA II (France) with the latter acting as backup for the AOR-E and NAVAREA X (Australia) acting as backup for the IOR have been tested and proofed to be successful.



# THE IMPORTANCE OF MSI

