

Draft amendments to the SafetyNET annual proposed by NAVAREA V

Submitted by Brazil

SUMMARY

Executive Summary: This document provides draft amendments to the SafetyNET Manual

Action to be taken: Paragraph 4

Related documents: CPRNW10/4/2/5; CPRNW10/4/4

1. Attached is the file content NAVAREA V suggestions related to SafetyNET Manual. I hope it's not too late to send it. Indeed, I took the opportunity and included an additional little suggestion in relation to the MSI Manual (Brazil has already sent comments, as it can be seen on CPRNW 10/4/2/5).
2. In the attached file I put a summary table to where I transcribed definitions of "MSI", "Navigational warning", "Meteorological information", "Other urgent safety-related information" and "SAR information", as they are in some documents (SOLAS, resolutions A 705 (17) and A 706 (17), MSI Manual and SafetyNET Manual).
3. As it can be realized, all definitions are put on the same terms. However, on my opinion, there seem to be a little conceptual problem in terms of whether "SAR information" is included or not in the concept of "MSI". I think that if we consider the definitions, "SAR information" is not MSI. Most of my suggestions were based on this idea.
4. CPRNW is requested to consider the attached information when revising the MSI Manual.

DEFINITIONS					
Documents	MSI Navigational and meteorological warnings, meteorological forecast and other urgent safety related messages	Meteorological Information Marine Meteorological warning and forecast information	Navigational Warning Message containing urgent information relevant to safe navigation	Other Urgent Safety Related Information MSI not defined as NAVWarning, meteorological information or SAR information	SAR Information Distress alert relays and other urgent search and rescue information
SOLAS	(Cap. IV Reg 2.9)	xxx	xxx	xxx	xxx
A705(17)	(Item 2.1.5)	(item 2.1.8)	(Item 2.1.12)	(item 2.1.15)	(item 2.1.17)
A706(17)	(Item 2.1.8)	xxx	(Item 2.1.16)	xxx	xxx
MSI Manual	(Item 2.2.1.9)	(item 2.2.1.12)	(Item 2.2.1.19)	(item 2.2.1.24)	(item 2.2.1.26)
SafetyNET Manual	(item 2.10)	(item 2.10.1)	(item 2.10.2)	(item 2.10.4)	(item 2.10.3)

Summary Table of Definitions

Item 9.1

Communications related to search and rescue operations such as distress alerts, coordination of operations, local communications and positioning signals are never MSI, even when (for some shore-to-ship alerts) they use the International SafetyNET or NAVTEX services which are also used for MSI.

Item 9.2

Search and rescue operations may, however, involve the broadcasting of MSI in the navigational warning category, described in 4.2.2.6 of this Manual: Information on “areas where search and rescue (SAR) and antipollution operations are being carried out (for avoidance of such areas)”.

MSI Manual

Considering the definitions of *MSI* (item 2.2.1.9), *Other Urgent Safety Related Information* (item 2.2.1.24) and *SAR Information* (item 2.2.1.26), and the content of item 9.1, where it is attested that “*Communications related to search and rescue operations such as distress alerts, coordination of operations, local communications and positioning signals are never MSI*”, it is evident that *SAR Information* is not *MSI*. Although some *SAR* operations may involve issue of *MSI* in the *navigational warning* category described in item 4.2.2.6, such information is not considered *SAR Information*, but only *navigational warning* that inform about the areas to be avoided due to *SAR* operations.

Thus, it’s was proposed (as submitted by Brazil by CPRNW 10/4/2/5 document) the following change on Figure 1.

Comment [c1]: Since SAR Information is never MSI, according to item 9.2 of MSI Manual

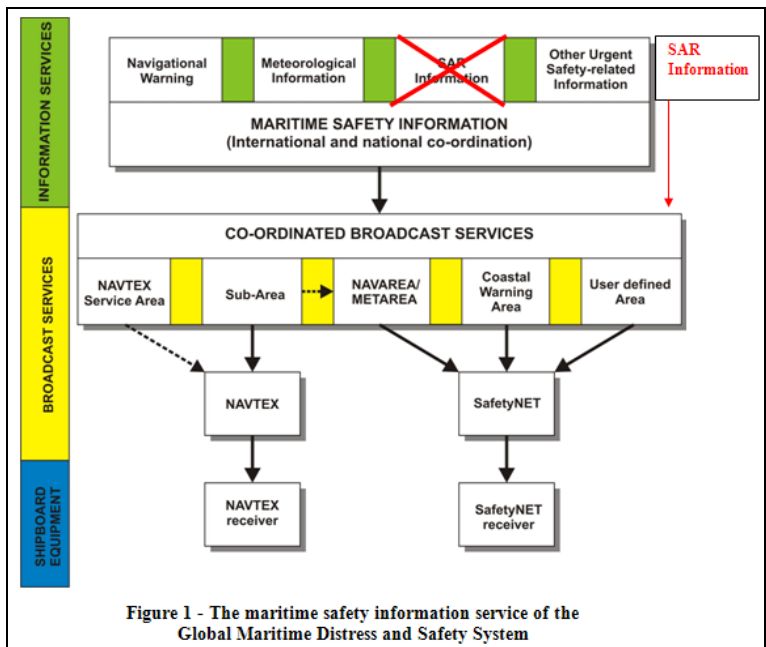


Figure 1 - The maritime safety information service of the Global Maritime Distress and Safety System

In addition, we also suggest now the following alterations:

- a) In page 2: to change the title of item 9 to “SEACH AND RESCUE INFORMATION”.
- b) In page 31: to change the title of item 9 to “SEACH AND RESCUE INFORMATION”.

Comment [c2]: Based upon the definition on item 2.2.1.26, it should be better use “Information” instead of “Notification”.

SafetyNET Manual

Following the same idea, we suggest the following alterations:

a) **Foreword**

SafetyNET_{SM1} is an international automatic direct-printing satellite-based service for the promulgation of navigational and meteorological warnings, meteorological forecasts, search and rescue (SAR) information and other urgent safety-related messages ~~—maritime safety information (MSI)—~~ to ships. It has been developed as a safety service of the Inmarsat C enhanced group call system to provide a simple and automated means of receiving MSI on board ships at sea and in coastal waters, where appropriate. The information transmitted is relevant to all seagoing vessels and the message-selection features ensure that mariners can receive safety information broadcasts which are tailored to their particular needs.

Comment [c3]: It should be better not use MSI, since it does not encompass SAR Information, according to the definition on item 2.2.1.26.

b) **1 Introduction**

....
1.2 SafetyNET provides shipping with navigational and meteorological warnings, meteorological forecasts, ~~shore to ship distress alerts~~, SAR information and other urgent information in accordance with the requirements of the International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended. It is suitable for use in all sizes and types of ships.

Comment [c4]: It's not necessary since it's already encompassed by the concept of SAR Information.

Figure 1 illustrates the way the service is structured.

c) Figure 1:

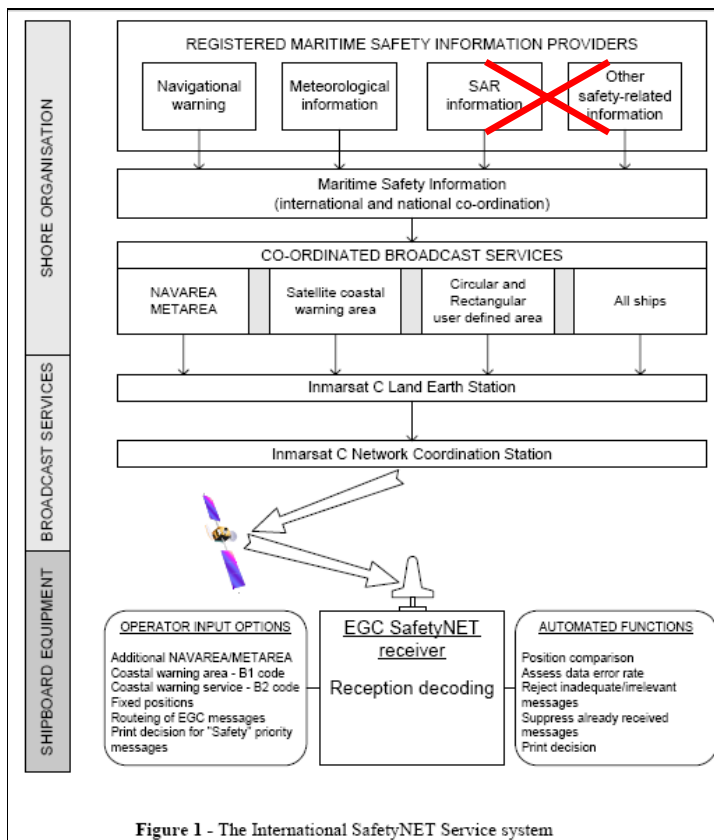


Figure 1 - The International SafetyNET Service system

d) **2 Definitions**

2.10 Maritime Safety Information (MSI): Navigational and meteorological warnings, meteorological forecasts and other urgent safety-related messages broadcast to ships (as defined in Regulation IV/2 of the 1974 SOLAS Convention, as amended).

.1 Meteorological information: Marine meteorological warning and forecast information in accordance with the provisions of the SOLAS Convention, 1974, as amended.

.2 Navigational warning: Message containing urgent information relevant to safe navigation broadcast to ships in accordance with the provisions of the SOLAS Convention, 1974, as amended.

~~**.3 SAR information:** Distress alert relays and other urgent search and rescue information broadcast to ships.~~

.3.4 Other urgent safety related information: Maritime safety information broadcast to ships that is not defined as a navigational warning, meteorological information or SAR information. This may include, but is not limited to, significant malfunctions or changes to maritime communications systems and new or amended mandatory ship reporting systems or maritime regulations affecting ships at sea.

~~**2.17 SAR information:** Distress alert relays and other urgent search and rescue information broadcast to ships.~~

~~**2.187 Sea area A1:** An area within the radiotelephone coverage of at least one VHF coast station in which continuous DSC₃ alerting is available, as may be defined by a Contracting Government.~~

~~**2.198 Sea area A2:** An area, excluding sea area A1, within the radiotelephone coverage of at least one MF coast station in which continuous DSC alerting is available, as may be defined by a Contracting Government.~~

~~**2.2019 Sea area A3:** An area, excluding sea areas A1 and A2, within the coverage of an Inmarsat geostationary satellite in which continuous alerting is available.~~

~~**2.210 Sea area A4:** An area outside sea areas A1, A2 and A3.~~

e) **Section C**

Search and rescue services

1 The following guidelines set out the arrangements to be used by rescue co-ordination centres (RCCs) for initiating transmission of ~~shore-to-ship distress alert relays and~~ shore-to-ship search and rescue information. Transmissions should be in accordance with the relevant procedures of the International Telecommunication Union (ITU) Radio Regulations (RR), the International Convention on Maritime Search and Rescue, 1979, as amended, and the IAMSAR Manual.

f) **Section A**

Navigational warning services

1 The following guidelines set out the arrangements to be used for promulgating NAVAREA/Coastal navigational warning ~~NAVAREA warnings, navigational and~~

Comment [c5]: it should not be included in this item, since SAR Information are never MSI (according to item 9.2 of MSI Manual). It should be put as a new item.

Comment [c6]: See comment c5.

Comment [c7]: It's not necessary since it's already encompassed by the concept of SAR Information.

~~coastal warnings~~ via SafetyNET for the GMDSS. They are mandatory for broadcasts in the International SafetyNET Service. Broadcasts originated by the International Ice Patrol also follow the guidelines in this section.

- g) Replace “MSI” by “MSI and SAR information” on the following items: 2.1.1.1; 2.1.1.2; 2.2; 2.2.3; 2.4; 2.15; 3.1.1; 3.3.1; 4.1; 5 (title); 5.2; on the paragraph above table on page 15; 5.5; 5.6; 6.1; on Note below paragraph 6.2; 7.2; 9.6; 10.2; 11.1; 11.3; 11.4.