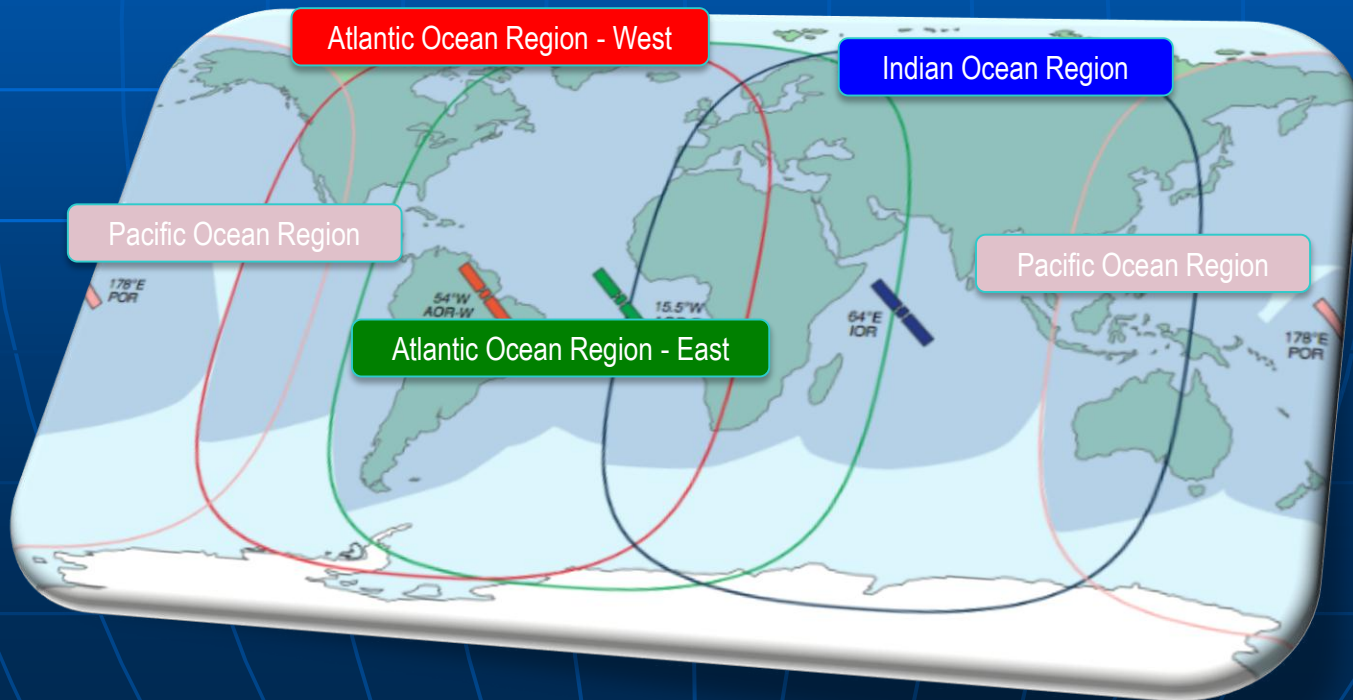




International SafetyNET Coordinating Panel Report

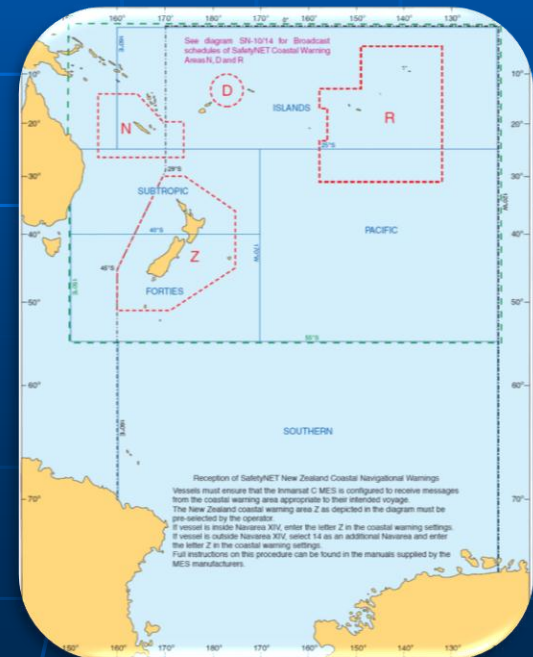
Sep 2016 - Chairman Peter Doherty



Terms of reference

To co-ordinate the development and use of the International SafetyNET Service, and in particular to:

1. Develop operating methods for the effective use of the SafetyNET service, including consideration of the need for scheduled broadcasts;



Terms of reference

2. Develop documentation in support of the SafetyNET service, in particular the International SafetyNET Manual;



Terms of reference

3. Advise Land Earth Station (LES) operators and potential registered information providers on all aspects of the Service, including system access and effective operation;



Terms of reference

4. Develop criteria and establish means for the approval and registration of potential information providers;



Terms of reference

5. Coordinate the registration of potential information providers; and
6. Promote a proper understanding of the benefits and use of the International SafetyNET Service among the wider maritime community.



Contact Information

The Chairman

International SafetyNET Co-ordinating Panel

International Maritime Organization

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United Kingdom

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E-mail: info@imo.org



Panel Membership

- IMO



May be Observers

WWNWS-SC

- IHO



NAVTEX
Coordinating
Panel

- WMO



Inmarsat

- IMSO



Expert Team on Maritime Safety Services (ETMSS) of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM)



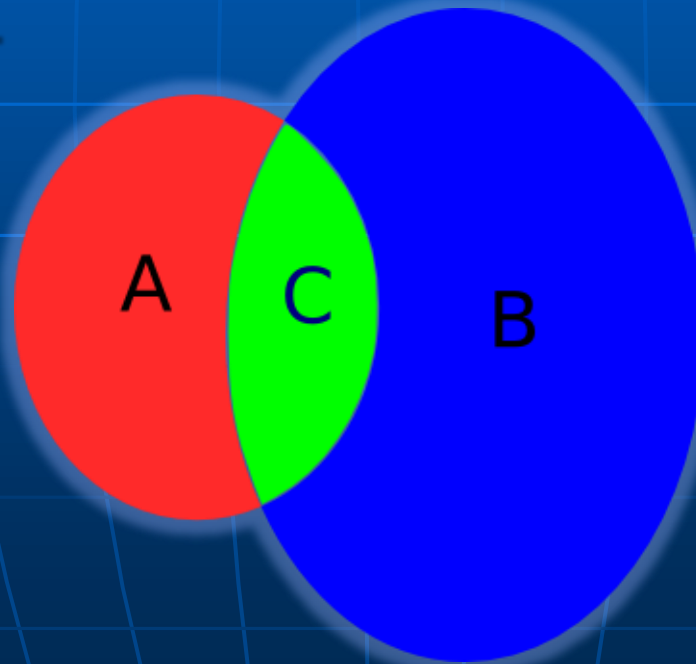
Authorization, certification and registration

1. Authorization is carried out by IMO in consultation with IHO and WMO as appropriate.
2. An information provider must apply to the relevant international organization for approval to participate in the internationally coordinated service:
 1. Meteorological authorities – to WMO;
 2. Hydrographic authorities – to IHO;
 3. Search and rescue authorities – to IMO;
 4. The International Ice Patrol – to IMO;
 5. Others – to IMO.



Considerations

1. The established and expected availability of other information sources for the area concerned; and
2. The need to minimize duplication of information as much as possible.



Certification

1. The relevant international organization will inform IMO of endorsed applications
2. On receipt of IMO authorization, the International SafetyNET Coordinating Panel will issue a Certificate of Authorization to Participate in the International SafetyNET Service

5 Sample Certificate of Authorization



IMO
INTERNATIONAL
MARITIME
ORGANIZATION

4 Albert Embankment,
London SE1 7SR
United Kingdom



IMSO
INTERNATIONAL
MOBILE SATELLITE
ORGANIZATION

99 City Road,
London EC1Y 1AX
United Kingdom

[Name of authority/country]

Date: 01 Jan 2012

**Certificate of Authorization to Participate as an Information
Provider in the International SafetyNET Service**

This is to certify that the [Name of authority/country] is authorized by the International Maritime Organization to provide navigational warning services for broadcast in the International SafetyNET Service in accordance with annex 2 of the International SafetyNET Manual.

PETER M. DOHERTY
Chairman
International SafetyNET Co-ordinating Panel

Certificate No. "XX"

<p>International Maritime Organization (IMO)</p> <p>Telephone: National (207) 735-7611 International +44 (207) 735-7611 Facsimile +44 (207) 587-3213</p>	<p>International Mobile Satellite Organization (IMSO)</p> <p>Telephone: National (207) 728-1249 International +44 (207) 728-1249 Facsimile +44 (207) 728-1172</p>
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Registration

1. The International SafetyNET Co-ordinating Panel will maintain the master list of all registered information providers and circulate it to IMO, IHO, WMO and all Inmarsat-C LES operators
2. After receiving a Certificate of Authorization, an information provider may conclude an agreement with any Inmarsat-C LES operator(s), to obtain access to the system.



Past Years Action

- Spain: From the Director-General of the Merchant Marine, Spain
 - Request authorization for the Search-and-Rescue and Maritime Safety Agency (SASEMAR) to transmit shore-to-ship distress alerts, information on search and rescue and other urgent maritime safety information through the international SafetyNET system – **Approved – Certificate issued Jun 2016**
- Russia: From HF NBDP Authority
 - Request Authorization and Certification for dissemination of MSI.
 - Hydrographic authorities in Russia and transmit above-mentioned information in HF NBDP. National co-ordinator is responsible for MSI via SafetyNET for Navarea XX and XXI. In our opinion it seems to be more logical to keep one organization in charge of all functions. That is why we plan to apply and hopefully to obtain authorization from IMO – **No further action at this stage.**
- Updates to International SafetyNET User Manual –
 - **Approved via NCSR and MSC - adopt 1 Jan 2018**



NAVAREA Broadcast Schedule

NAVAREA	CO-ORDINATOR	TIMES (UTC)	SATELLITE
I	United Kingdom	0530,1730	AOR (E)
II	France	0430, 1630	AOR (E)
III	Spain	1200, 2400	AOR (E)
IV	United States	1000, 2200	AOR (W)
V	Brazil	0030, 1230	AOR (E)
VI	Argentina	0200, 1400	AOR (W)
VII	South Africa	0940, 1940	IOR & AOR (E)
VIII	India	1000, 2200	IOR
IX	Pakistan	0300, 1500	IOR
X	Australia	0700, 1900	POR & IOR
XI	Japan	0005, 1205	POR & IOR
XII	United States	1030, 2230	POR & AOR (W)
XIII	Russian Federation	0930, 2130	POR
XIV	New Zealand	0900, 2100	POR
XV	Chile	0210, 1410	AOR (W)
XVI	Peru	0500, 1700	AOR (W)
XVII	Canada	1130, 2330	POR
XVIII	Canada	1100, 2300	AOR-W
XIX	Norway	0630, 1830	AOR-E
XX	Russian Federation	0530, 1730	IOR
XXI	Russian Federation	0630, 1830	POR



Past Years Action (cont.)

- IMO Authorization of Registered Satellite Service Providers – Iridium
 - Meeting held between this Panel and Iridium in Jun 2016
 - Transmission of Maritime Safety Information (MSI)
 - What procedures, requirements and manuals would need to be modified to accommodate an additional provider of mobile satellite communications services in the GMDSS
 - Demonstrations and testing to be undertaken by Iridium to validate its capability to collect and transmit MSI in accordance with applicable requirements.



Past Years Action (cont.)

- Actions
 - Develop separate Iridium User Manual
 - Draft for DRWG 2017
 - Submit NCSR5 2018
 - Modify other guidance documents, as appropriate (res A.705, A.706, etc..)
 - Will not submit until SOLAS updates approved - 2020
 - Iridium prototype terminal
 - Ready for testing early next year (2017)
 - Initial test and evaluation of services with NAVAREA IV & XII
 - Expand as appropriate



Past Years Action (cont.)

- IMO Authorization of Satellite Service Providers – Iridium (cont.)
- Actions
 - Verify transmission/reception of MSI
 - Use of a ship?
 - Establish a certification process for all MSI information providers
 - IPs will be certified
 - Establish new name for the International SafetyNET Coordinating Panel?
 - International Satellite Coordinating Panel??
- Test and evaluation of services will include support of the relevant committee's and bodies within the WMO, IHO (via WWNWS) and IMO



Questions ??

