IMO/IHO World-Wide Navigational Warning Service

NAVAREA IV / XII

30 November 2017
IMO/IHO World-Wide Navigational Warning Service (WWNWS)

- International coordinated global service for promulgation of hazards to navigation by satellite affecting the safety of life at sea
- Twenty One Navigation Areas (NAVAREAs), each with a Coordinator (Eighteen) responsible for the harmonization of navigational information in their area.

IMO Resolution A.706(17) MSC.1/Circ.1288/Rev.1 24 June 2013
WNWS-SC

- Established 1973
- Monitors and guides the WNWS
- Provides guidance to IHO Member States to further evolution of WNWS
- International cooperation with IMO, WMO, IMSO, IALA
  - Chairman represents IHO for relevant IMO Committees.
- Capacity Building Assistance
  - Rep Regional Hydrographic Commission Conferences
  - MSI Training
- Commission Membership – 40 plus IHO Member States plus IMO, WMO, IMSO and Inmarsat
World-Wide Navigational Warning Service

NAVAREAs

[Map showing NAVAREAs around the world]
Definitions

- **NAVAREA**: A geographical sea area established for the purpose of coordinating the broadcast of navigational warnings

- **NAVAREA COORDINATOR**: The authority charged with coordinating, collating and issuing navigational warnings for a designated NAVAREA

- **NATIONAL COORDINATOR**: The national authority charged with collating and issuing coastal warnings within a
Navigational Warnings
NAVAREA IV/XII Coordinator

Endeavour to be informed of all events that could significantly affect the safety of navigation within the NAVAREA

IMO Resolution A.706(17)
MSC.1/Circ.1288/Rev.1 24 June 2013
NAVAREA IV/XII Coordinator (cont.)

Assess all information immediately upon receipt in the light of expert knowledge for relevance to navigation in the NAVAREA;

Select information for broadcast
National Coordinator

Endeavour to be informed of all events that could significantly affect the safety of navigation within your national waters

IMO Resolution A.706(17)
MSC.1/Circ.1288/Rev.1 24 June 2013
National Coordinators in the MACHC

Anguilla (UK)
Antigua and Barbuda
Aruba (Kingdom of the Netherlands)
Bahamas
Barbados
Belize
Bermuda
British Virgin Islands (UK)
Caribbean Netherlands (Kingdom of the Netherlands)
Cayman Islands (UK)
Colombia
Costa Rica
Cuba
Curaçao (Kingdom of the Netherlands)
Dominica
Dominican Republic
Ecuador
El Salvador
French Guiana
Grenada
Guadeloupe (France)
Guatemala
Guyana
Haiti
Honduras
Jamaica
Martinique (France)
Mexico
Montserrat (UK)
Nicaragua
Panama
Puerto Rico (US)
Saint Barthélemy (France)
Saint Kitts and Nevis
Saint Lucia
Saint Martin (France)
Saint Vincent and the Grenadines
Saint Maarten (Kingdom of the Netherlands)
Suriname
Trinidad and Tobago
Turks and Caicos Islands (UK)
United States Virgin Islands (US)
Venezuela
IHO Capacity Building

• The first phase of capacity building is the collection and circulation of nautical information
  – Allows for real time integration of your national maritime safety information to be part of the World-Wide Navigational Warning Service (WWNWS)
  – Understand your roles and responsibilities
  – Establish links with NAVAREA Coordinator
Maritime Safety Information Training

• 3 day comprehensive training course held with region
  – Led by WWNWS-SC
  – Sponsored by IHO CBC

• Endeavour to be informed of all events that could significantly affect the safety of navigation within your coastal region.
Assess all information in the light of expert knowledge for relevance to navigation in the coastal region.
Maritime Safety Information

Capacity Building Course Outcomes

• Draft navigational warnings in accordance with the Joint IMO/IHO/WMO Manual on Maritime Safety Information

• Pass NAVAREA warnings for further promulgation to the NAVAREA Co-ordinator
IHO MSI Training Courses (19)

- 2007 Jamaica (MACHC)
- 2007 Mozambique (SAIHC)
- 2008 Spain (MBSHC)
- 2009 Ghana (EAtHC)
- 2009 Oman (NIOHC / RSAHC)
- 2010 Namibia (SAIHC)
- 2010 Australia (SWPHC)
- 2011 Brazil (SWAtHC, SEPHC & MACHC)
- 2013 Trinidad (MACHC)
- 2013 South Africa (SAIHC)
- 2014 Oman (NIOHC / RSAHC)
- 2014 New Zealand (SWPHC)
- 2014 Ivory Coast (EAtHC)
- 2015 Japan (EAHC)
- 2015 Turkey (MBSHC)
- 2016 Saint Lucia (MACHC)
- 2016 New Zealand (SWPHC)
- 2017 Barbados (MACHC)
- 2017 South Africa (SAIHC)

* Red indicates MACHC Training
MSI Training Course Data

Participation

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<tr>
<th>Hydrographic Commission</th>
<th>Number of Students</th>
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<tr>
<td>MACHC</td>
<td>85</td>
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<tr>
<td>SAHC</td>
<td>54</td>
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<td>EATHC</td>
<td>32</td>
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<td>33</td>
</tr>
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<tr>
<td>NSRHC</td>
<td>10</td>
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<tr>
<td>EAHC</td>
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Courses: 19
Different Countries: 113
Total Students: 294
MSI Training Course MACHC Data

- 85 students trained from 31 countries
- Countries in **Blue** have provided MSI for 2017

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<thead>
<tr>
<th>Anguilla</th>
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<td>Antigua and Barbuda</td>
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<td>Saint Vincent and the Grenadines</td>
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<td>Ecuador</td>
<td>Suriname</td>
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<td>El Salvador</td>
<td>Trinidad &amp; Tobago</td>
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<tr>
<td>Grenada</td>
<td>Turks and Caicos</td>
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**French Guiana**

**Venezuela**
Country Information

Country specific MSI reporting in the following slides are from December 2016 to October 2017
Barbados

- Sent 2 MSI reports to navsafety@nga.mil
- Promulgated 2 NAVAREA warnings
- 1 warning currently in force
Belize

- Sent 4 MSI reports to navsafety@nga.mil
- Promulgated 2 NAVAREA warnings
- 1 warning currently in force
Colombia

- Sent 249 MSI reports to navsafety@nga.mil
- Promulgated 48 NAVAREA warnings
- 11 warnings currently in force
Cuba

• Sent 10 MSI reports to navsafety@nga.mil
• Promulgated 10 NAVAREA warnings
• 3 warnings currently in force
Ecuador

- Sent 2 MSI reports to navsafety@nga.mil
- Promulgated 1 NAVAREA warning
- 1 warning currently in force
French Guiana

- Sent 18 MSI reports to navsafety@nga.mil
- Promulgated 17 NAVAREA warnings
- 1 warning currently in force
Guyana

- Sent 17 MSI reports to navsafety@nga.mil
- Promulgated 6 NAVAREA warnings
- 2 warnings currently in force
Haiti

- Sent 4 MSI reports to navsafety@nga.mil
- Promulgated 4 NAVAREA warnings
- 4 warnings currently in force
Jamaica

- Sent 3 MSI reports to navsafety@nga.mil
- Promulgated 1 NAVAREA warning
- 1 warning currently in force
Martinique

- Sent 34 MSI reports to navsafety@nga.mil
- Promulgated 18 NAVAREA warnings
- 3 warnings currently in force
Mexico

- Sent 172 MSI reports to navsafety@nga.mil
- Promulgated 91 NAVAREA warnings
- 11 warnings currently in force
Panama

- Sent 35 MSI reports to navsafety@nga.mil
- Promulgated 35 NAVAREA warnings
- 3 warnings currently in force
Saint Vincent and the Grenadines

- Sent 1 MSI reports to navsafety@nga.mil
- Promulgated 1 NAVAREA warning
- 1 warning currently in force
Suriname

• Sent 12 MSI reports to navsafety@nga.mil
• Promulgated 10 NAVAREA warnings
• 2 warnings currently in force
Trinidad and Tobago

- Sent 73 MSI reports to navsafety@nga.mil
- Promulgated 29 NAVAREA warnings
- 6 warnings currently in force
Venezuela

- Sent 38 MSI reports to navsafety@nga.mil
- Promulgated 13 NAVAREA warnings
- 7 warnings currently in force
National Coordinators in NAVAREA IV and XII

• Send MSI to NAVAREA IV/XII and we will disseminate a navigational warning for your waters….

• AT NO COST TO YOU !!

navsafety@nga.mil

• Mariners will be able download your warning as a text file or as a Google Earth KMZ from the Maritime Safety Information website!

• http://msi.nga.mil/NGAPortal/MSI.portal
  – Select the Broadcast Warnings link
NAVAREA IV/XII
Thank you for your support!!