



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
Know the Earth... Show the Way... Understand the World

IMO/IHO World-Wide Navigational Warning Service

IRCC Update

June 2017





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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**

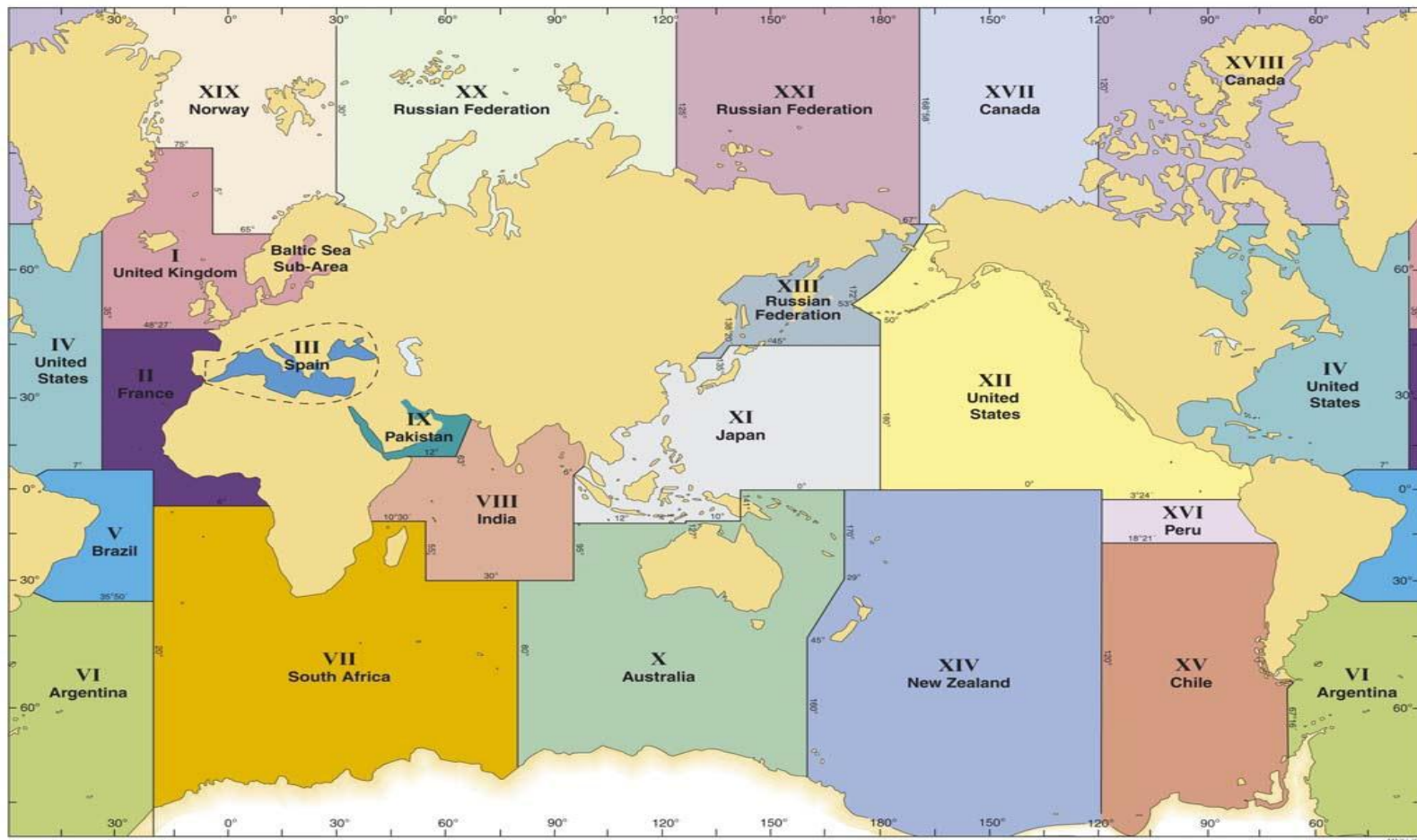


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World-Wide Navigational Warning Service



NAVAREAs





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WWNWS-SC Members and Meetings

- **SC Members - 40 plus IHO Member States plus IMO, WMO, IMSO, and Inmarsat**
- **NAVAREA Coordinators: Argentina, Australia, Brazil, Canada, Chile, France, India, Japan, New Zealand, Norway, Pakistan, Peru, Russia, South Africa, Spain, Sweden, United Kingdom and United States**
- **Last Meeting - September 12-16, Alesund, Norway.**
 - 38 Delegates in attendance: 18 – MS, IMO Sec, WMO Sec, IMSO Sec, Chairs of IMO NAVTEX and SafetyNET Panels, Inmarsat, Iridium, and IHO Secretariat. Including 16 NAVAREA Coordinator, one Sub-area Coordinator and three National Coordinators





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Meeting Outcomes

- **15th Drafting Review Working Group IMO Resolutions:**
 - A.705(17) Promulgation of Maritime Safety Information
 - A.706(17) World-Wide Navigation Warning Service
 - MSC.306(87) Revised performance standards for enhanced group call (EGC) equipment
- All draft documents are available via the WNWWS page of the IHO web site
- Members are encouraged to review and submit comments





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GMDSS/MSI Briefs

- **MSI Self-assessment reports from all 21 NAVAREA Coordinators**
- **IMO brief on activities of the Organization**
 - Global Integrated Shipping Information System – will replace Annex 7 and 8 GMDSS Master Plan
 - SC noted comments for improvements
- **WMO brief on activities of the Organization**
 - Noted increased cooperation between NAVAREA and METAREA Coordinators
- **IMSO brief on activities of the Organization**
 - Update on technical assessment of Iridium as potential new GMDSS mobile satellite service provider
- **Inmarsat Update**
 - SafetyNET II
- **Iridium Update**
 - Status of their application
 - Live demo – included successful dissemination/receipt of “basic” nav warning





Maritime Safety Information Training

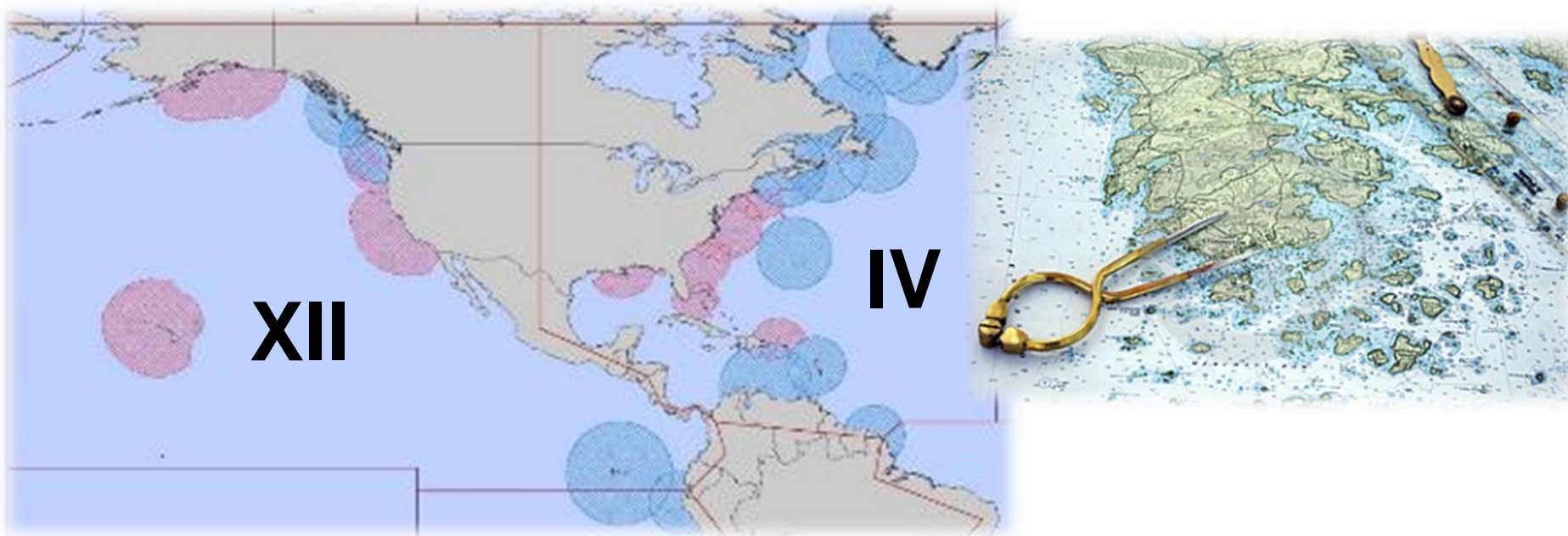
- 3 day comprehensive training course held with region
 - Led by WNWWS-SC
 - Sponsored by IHO CBC
- Endeavour to be informed of all events that could significantly affect the safety of navigation within your region.





Maritime Safety Information Capacity Building Course Outcomes

- **Assess all information in the light of expert knowledge for relevance to navigation in the coastal region.**





Maritime Safety Information Capacity Building Course Outcomes

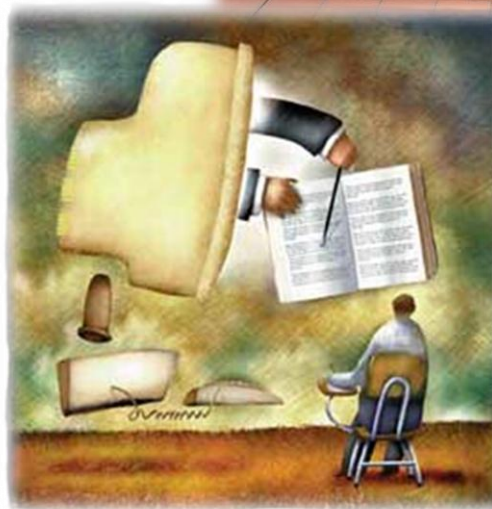
- Draft navigational warnings in accordance with the:
Joint IMO/IHO/WMO Manual on Maritime Safety Information
- Pass NAVAREA warnings for further promulgation to the
NAVAREA Co-ordinator





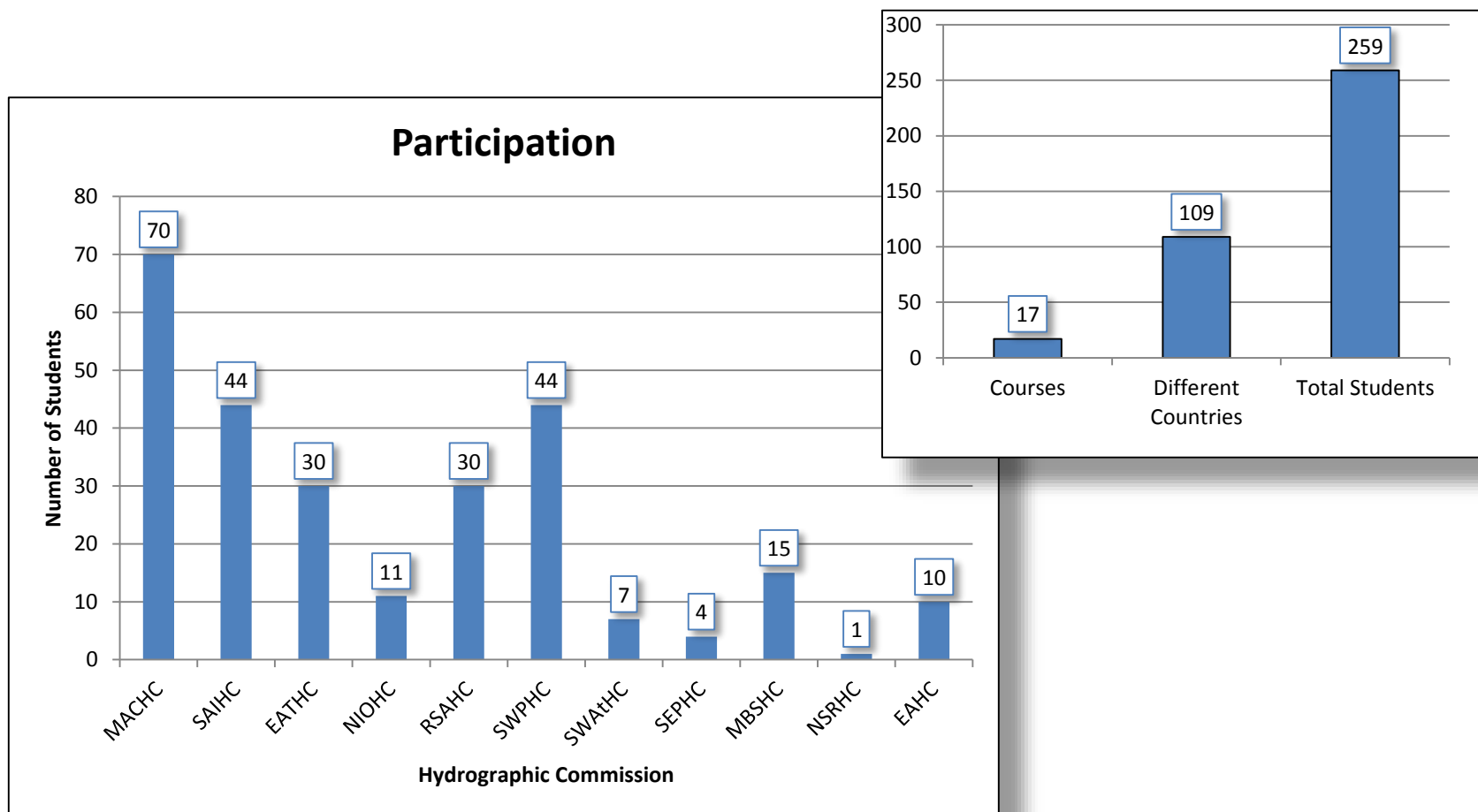
IHO MSI Training Courses (17)

- 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 3 courses planned**
MACHC, NIOHC and SAIHC





MSI Training Course Metrics





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Actions Requested of Committee



- a. take note of the information provided in this report;
- b. encourage the attendance of Member States and Observers at WNWWS-SC meetings;
- c. highlight the use of the Joint Manual on MSI to ensure correct terminology and formats are used in MSI messages;
- d. encourage closer engagement of the National MSI Coordinators of Member States with the relevant NAVAREA Coordinator(s);
 - Cuba provides NAVAREA IV first MSI – Survey operations
- e. encourage closer coordination between WNWWS-SC and Regional CB Coordinators in planning and student selection for the CB MSI training course; and
- f. take any other action it considers appropriate