MSI Self Assessment - NAVAREA XI - CPRNW9-3.2.1-XI

Submitted by: JAPAN

- 1. Action Required: None
- 2. Background:(describe NAVAREA, include any Sub-Area or national coordinators, SafetyNET Satellite broadcast used(ex. AOR-E), the GMDSS service provider and the schedule broadcasts per day)
 - 1 provide emergency notification information to ensure the safety navigation oceans through the Enhanced Group Call System using INMARSAT Satellite(Pacific Oceans and Indian Ocean).
 - 2 The schedule broadcasts 3 times per day: 0005Z, 0805Z, 1205Z
- 3. Comments:(specifics of MSI within NAVAREA, include how many SafetyNET messages were promulgated over 3yr period)

	2004	2005	2006
NAVAREA Warnings	600	6 2 0	5 8 8

- NAVTEX Coverage: (diagram of NAVTEX stations within NAVAREA)
 NAVTEX stations are operating within this area.
 See ANNEX A.
- 5. Operational Issues:(new infrastructure in accordance with GMDSS Master Plan, problems encountered)

We developed a program to make a draft of Navigational Warnings about Earthquake/Tsunami, and have been operating it since Apr. 2007.

The program has reduced the time lag between obtaining the information about Earthquake/Tsunami and promulgating Navigational Warning.

We used to make a draft of Navigational Warning manually.

But now, we obtain information in coded form and the program automatically makes a draft of Navigational Warning according to the rule inputted beforehand.

Refer to ANNEX B for details of the structure of this program.

6. Capacity Building: (Offer of and/or demand for Capacity Building, Training received, offered, status of national, bilateral, multilateral or regional development projects with MSI component.)

None

- 7. Other Activities:(Participation in IHO or IMO Working Groups, Regional Hydrographic Commissions, regional conferences over past year)

 None
- 8. NAVAREA Website(address, statistics, frequency of update, etc) http://www1.kaiho.mlit.go.jp/TUHO/nmj.html
- 9. NAVAREA Contact Info:

JAPAN(NAVAREA XI)

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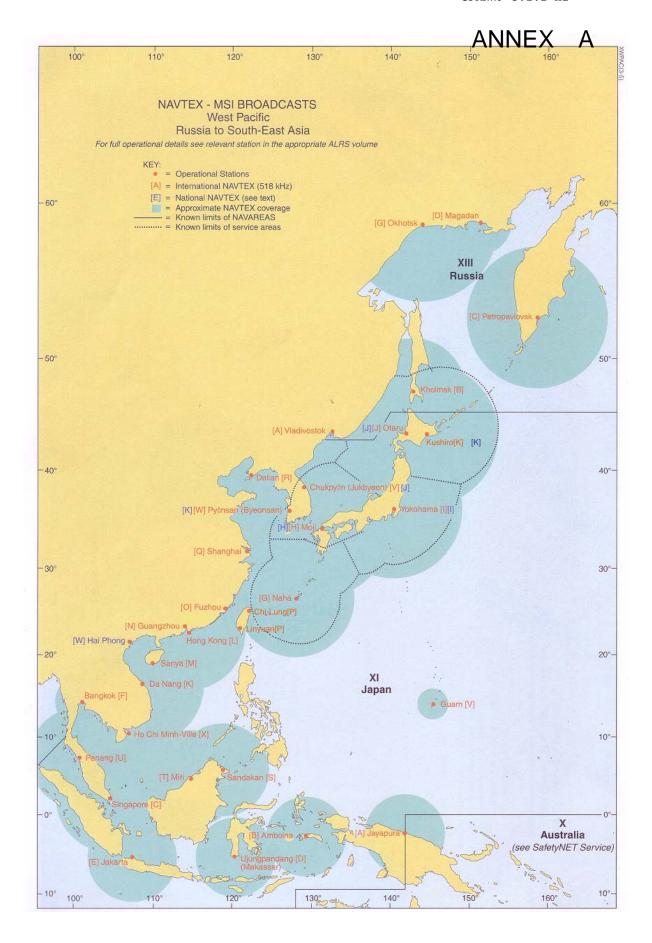
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10. recommendations:

None

11. Actions requested:

None



ANNEX B Mechanism of automatic generation of Navigational Warning **Notice To Mariners** Japan Meteorological Office Agency Assist Program of Making **Central Automated Data** a draft of Navigational **Editing and Swiching** Warnings for Earthquake System and Tsunami (C-ADESS) Report Coded information Occurrence date and time Transfer data from Inmarsat Hypocenter Enhanced Group Call interior network of Observation point Control System observation Earthquake intensity etc. Promulgating Navigational Warring Reported code セ゛ンコクサイスモ1 キ**シ**ヨウ 84 03 00 0707/16101937 C11 <u>0707161013</u> <u>371</u> 307 10 060 <u>0375 01386</u> 010 <u>6</u>6 EI // BI S6+ 371 420 S5+ 370 S5- 372 390 S4 242 243 S3 220 221 222 CI S6+ 37102 37135 S6- 37103 37116 S5+ 37002S5- 37253 LCI S5- 37104 37106 37119 37137 37204 37223 A100001 9999 hypocentral Analyze coded information distribution code Output necessary information Automatically make a draft Magnitude Occurrence date and time (JST/UTC) **Navigational Warning** Automatically made EARTHQUAKE INFORMATION. OFFING OF JOETSU AND CHUETSU. NIIGATA. 160113Z JUL MAGNITUDE 6.6. DANGEROUS DRIFTING OBJECTS, CHANGE OF DEPTH AND DAMEGE OF HARBOUR FACILITIES OR NAVIGATIONAL AIDS MAY OCCUR. VESSEL IN COAST AREA REQUESTED TO BE CAUTION ADVISED.