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**MSI Self Assessment - NAVAREAs IV and XII  
Submitted by: United States**

1. **Action Required:** None, submitted for information only

2. **Background:**

The area of coverage for the United States is NAVAREA/METAREA IV and XII for SafetyNET and for NAVTEX, approximately 200 nautical miles from each NAVTEX station, see figure 1. Additionally, the National Weather Service is providing further coverage for NAVAREA/METAREA XVI (Peru) for weather forecasts and warnings.

The major categories of MSI in the United States for both SafetyNET and NAVTEX are:

- a. navigational warnings (including electronic navigation system messages such as Loran-C and GPS)
- b. meteorological warnings
- c. ice reports
- d. search and rescue information
- e. meteorological forecasts

See figure 2 for SafetyNET Satellite broadcast used, the GMDSS service provider and the schedule broadcast per day.

3. **Comments:** (specifics of MSI within NAVAREA, include how many SafetyNET messages were promulgated over 3yr period, if available)

	<b>2003</b>	<b>2004</b>	<b>2005</b>
NAVAREA IV	506	416	411
NAVAREA XII	384	350	351

4. **NAVTEX Coverage:**

- a. As can be seen from Figure 1, all eleven NAVTEX stations are operational. Please note that the United States also has an operational NAVTEX facility on Guam (NAVAREA XI).
- b. Additionally, within the limits of the NAVAREAs, the Canadian Coast Guard also provides NAVTEX coverage of much of the Great Lakes and their coastline. There are also NAVTEX stations in Bermuda and Greenland.

c. Changes to the US NAVTEX Broadcast Schedule

Effective October 1, 2006, the U.S. Coast Guard, in coordination with the National Weather Service (NWS), will begin broadcasting weather via NAVTEX four times per day, rather than six. Repeats of Notices to Mariners will be broadcast twice a day in time slots where the weather is excluded. See new broadcast schedule below.

**PACIFIC OCEAN, ALASKA, HAWAII, AND GUAM NAVTEX BROADCAST SCHEDULE**

STATION	IDENTIFIER	WX BROADCAST SCHEDULE (UTC)
Adak	X	BROADCAST TERMINATED
Kodiak <sup>(1)</sup>	J	0300, 0700, 1100 <sup>2</sup> , 1500, 1900, 2300 <sup>2</sup>
	X	0340, 0740, 1140 <sup>2</sup> , 1540, 1940, 2340 <sup>2</sup>
Astoria	W	0130, 0530, 0930 <sup>2</sup> , 1330, 1730, 2130 <sup>2</sup>
San Francisco	C	0000, 0400 <sup>2</sup> , 0800, 1200, 1600 <sup>2</sup> , 2000
Cambria	Q	0045, 0445 <sup>2</sup> , 0845, 1245, 1645 <sup>2</sup> , 2045
Marianas	V	0100, 0500, 0900, 1300, 1700, 2100
Honolulu	O	0040, 0440, 0840 <sup>2</sup> , 1240, 1640, 2040 <sup>2</sup>

**ATLANTIC OCEAN, GULF OF MEXICO, AND PUERTO RICO NAVTEX BROADCAST SCHEDULE**

STATION	IDENTIFIER	WX BROADCAST SCHEDULE (UTC)
Boston	F	0045, 0445, 0845 <sup>2</sup> , 1245, 1645, 2045 <sup>2</sup>
Portsmouth	N	0130, 0530, 0930 <sup>2</sup> , 1330, 1730, 2130 <sup>2</sup>
Savannah	E	0040, 0440, 0840 <sup>2</sup> , 1240, 1640, 2040 <sup>2</sup>
Miami	A	0000, 0400, 0800 <sup>2</sup> , 1200, 1600, 2000 <sup>2</sup>
San Juan	R	0200 <sup>2</sup> , 0600, 1000, 1400 <sup>2</sup> , 1800, 2200
New Orleans	G	0300 <sup>2</sup> , 0700, 1100, 1500 <sup>2</sup> , 1900, 2300

- (1) Kodiak also broadcasts weather forecasts during time slots initially allocated to Adak.  
(2) Routine weather forecasts are broadcast four times per day with these being the normal times when repeats of Notices to Mariners are broadcast in lieu of weather. Weather warnings may be broadcast at any time.

**5. Operational Issues:**

None

**6. Website/NAVAREA Contact Info:**

[www.nga.mil/maritime](http://www.nga.mil/maritime) In-Force NAVAREA IV and XII messages

**7. Capacity Building:**

To fulfil its responsibilities under Paragraph 6.2 of the IMO/IHO World-Wide Navigational Warning Service Guidance Document, S53, the NAVAREA IV and XII Co-ordinator offers to provide either a permanent or interim coastal warning service via the International SafetyNET Service for MesoAmerican-Caribbean Sea Hydrographic Commission Nations. Thus far, several nations have contacted NGA regarding this offer and have been sending information.

**8. Other Activities:**

IMO COMSAR Meeting, Lead IHO Rep, London, Mar 2006  
IHO Ad Hoc CPRNW Guidance Document Review Team, London, Mar 2006

Radio Technical Commission for Maritime Services, Newport Beach, May 2006  
Arctic MSI Meeting, Canada, Jun 2006  
MesoAmerican Carribean Hydrographic Commission Meeting (MACHC) Acapulco,  
Mexico, Oct 2006

**9. NAVAREA Coordinator Contact Info:**

**U.S.A. (NAVAREA IV & XII)**

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**10. Recommendations:**

To be noted by the Commission.

**11. Actions required:**

None

**FIGURE 1**

**U.S. NAVTEX INFORMATION PROVIDERS**  
(removed due to email size limitations)

**FIGURE 2**

**PROMULGATION OF MARITIME SAFETY INFORMATION BY U.S. INFORMATION PROVIDERS**

**SCHEDULED BROADCAST TIMES**

<b>WHAT</b>	<b>WHO</b>	<b>WHEN (UTC)</b>	<b>HOW</b>	<b>NAVAREA/ METAREA</b>	<b>SATELLITE</b>
High seas warnings and forecasts	NWS	0430, 1030, 1630, 2230	SafetyNET	IV	AOR-W
High seas warnings and forecasts	NWS	0545, 1145, 1745, 2345	SafetyNET	XII	AOR-W/POR
High seas warnings and forecasts	NWS	0515, 1115, 1715, 2315	SafetyNET	XVI	AOR-W
Hurricane advisories West Atlantic	NWS	as required	SafetyNET	IV	AOR-W
Hurricane advisories East Pacific	NWS	as required	SafetyNET	XII	POR/AOR-W
Hurricane advisories Central Pacific	NWS	as required	SafetyNET	XII	POR
Long range navigational warnings	NGA	1000, 2200	SafetyNET	IV	AOR-W
Long range navigational warnings	NGA	1030, 2230	SafetyNET	XII	POR/AOR-W
Long range search and rescue	USCG	upon receipt	SafetyNET	IV/XII	AOR-W/POR
Coastal MSI	USCG	4 to 6 times daily for routine traffic; upon receipt for distress	NAVTEX	Generally, within 200 miles of the coastline	None; see Pub 117 for stations and times
Status of ice in North Atlantic Ocean	USCG	twice daily 0000, 1200	SafetyNET	IV	AOR-W