IHO International Hydrographic Organization

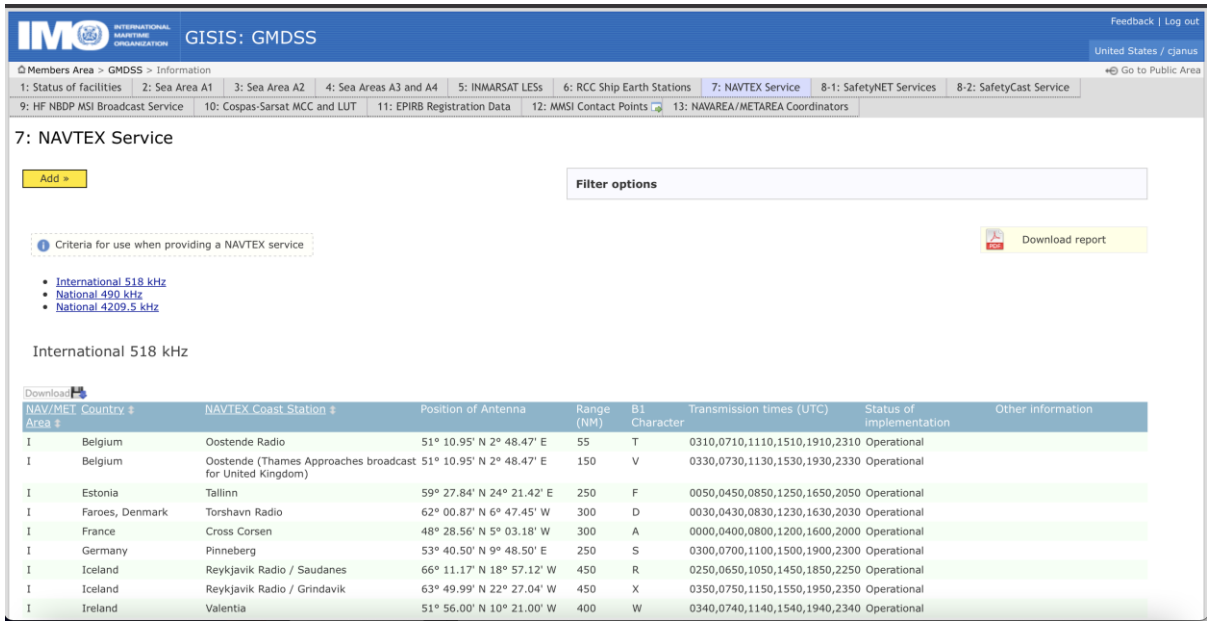
Review of GMDSS Master Plan Annexes 7 & 8

Agenda Item 2.1
Annex 7 – NAVTEX
Annex 8 – EGC Services (Inmarsat and Iridium)

IHO, Monaco 30th August – 3rd September 2021

ANNEX 7 – NAVTEX

1. IMO lists 170 stations
   1. 149 are operational
   2. 4 are under trial
   3. 11 are temporarily suspended
   4. 6 are planned
   5. **The WWNWS estimates that operational NAVTEX stations broadcast close to 20,000 coastal warnings in 2020**
      - Based on data from Subarea I's report, averaging the last 12 years of its coastal warning broadcasts and multiplying by 149 operational NAVTEX stations

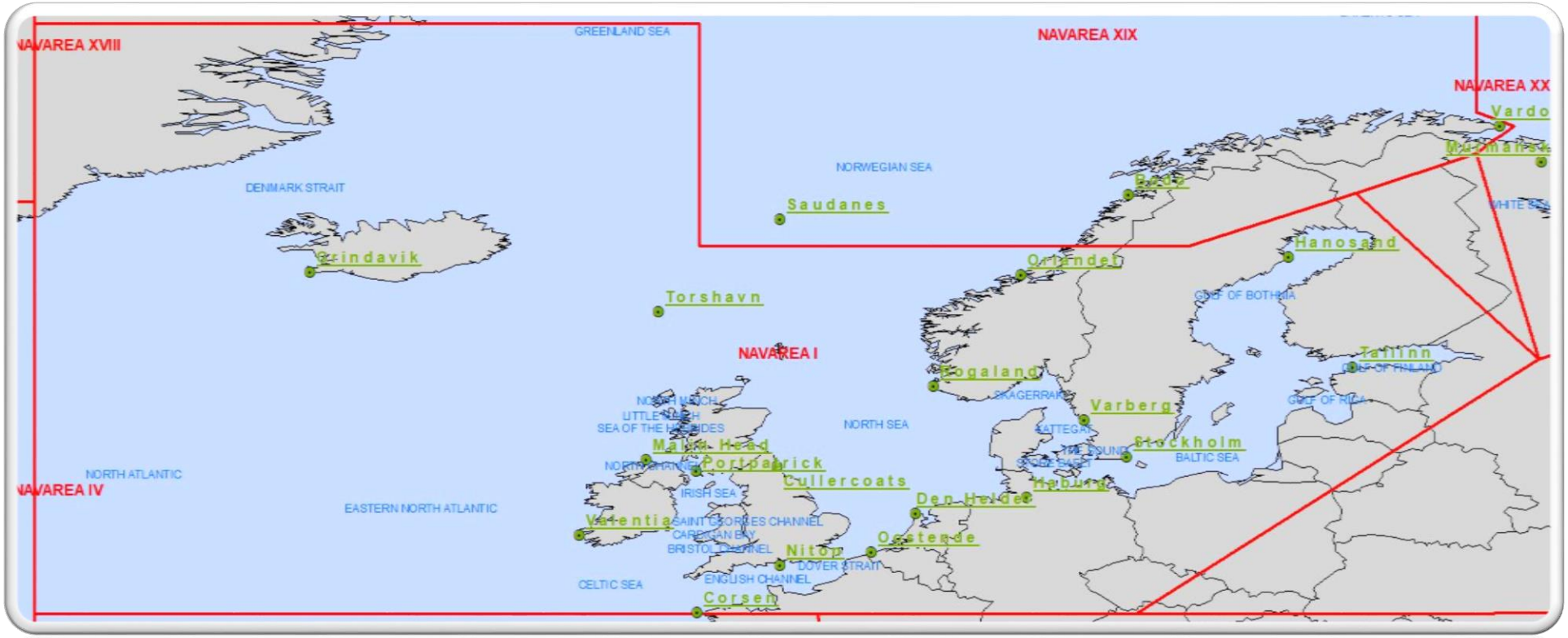


NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Status of implementation	Other information
I	Belgium	Oostende Radio	51° 10.95' N 2° 48.47' E	55	T	0310,0710,1110,1510,1910,2310	Operational	
I	Belgium	Oostende (Thames Approaches broadcast for United Kingdom)	51° 10.95' N 2° 48.47' E	150	V	0330,0730,1130,1530,1930,2330	Operational	
I	Estonia	Tallinn	59° 27.84' N 24° 21.42' E	250	F	0050,0450,0850,1250,1650,2050	Operational	
I	Faroes, Denmark	Torshavn Radio	62° 00.87' N 6° 47.45' W	300	D	0030,0430,0830,1230,1630,2030	Operational	
I	France	Cross Corsen	48° 28.56' N 5° 03.18' W	300	A	0000,0400,0800,1200,1600,2000	Operational	
I	Germany	Pinneberg	53° 40.50' N 9° 48.50' E	250	S	0300,0700,1100,1500,1900,2300	Operational	
I	Iceland	Reykjavik Radio / Saudanes	66° 11.17' N 18° 57.12' W	450	R	0250,0650,1050,1450,1850,2250	Operational	
I	Iceland	Reykjavik Radio / Grindavik	63° 49.99' N 22° 27.04' W	450	X	0350,0750,1150,1550,1950,2350	Operational	
I	Ireland	Valentia	51° 56.00' N 10° 21.00' W	400	W	0340,0740,1140,1540,1940,2340	Operational	

ANNEX 7 – NAVAREA I (UNITED KINGDOM)

International Hydrographic Organization

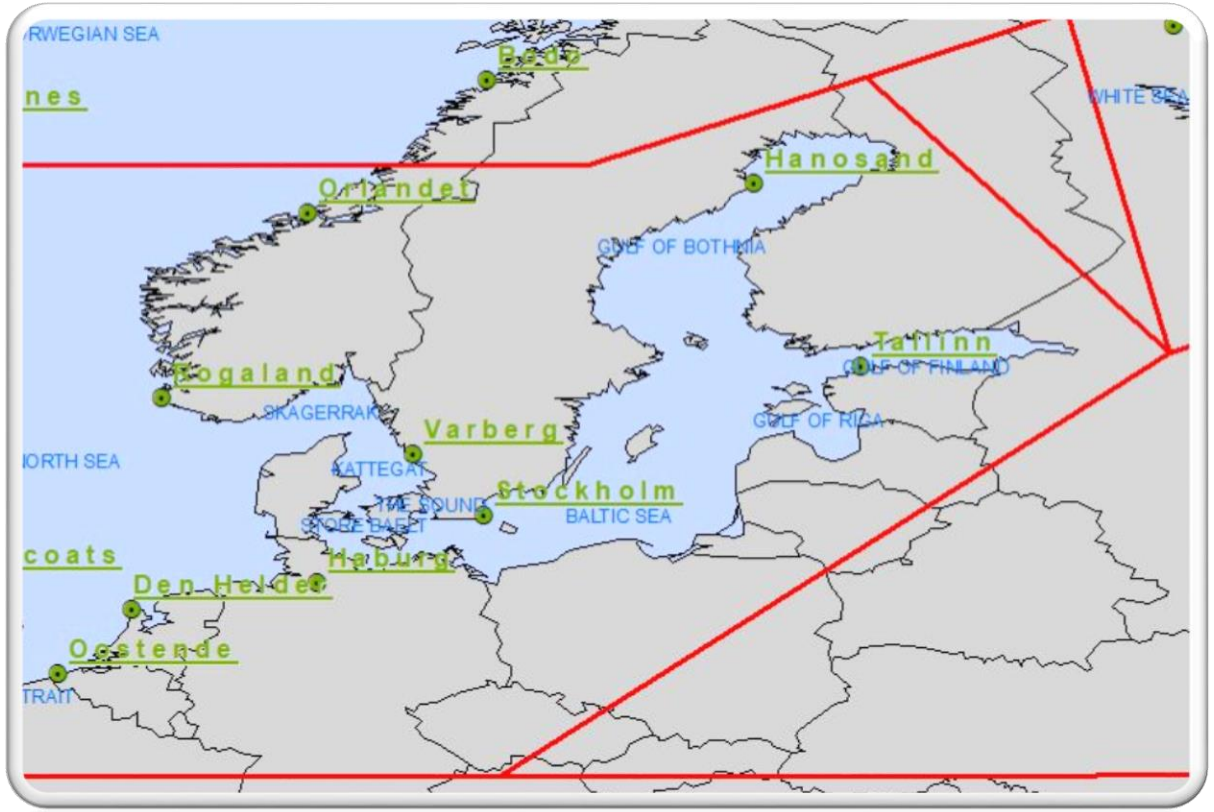
1. **14 NAVTEX Stations**
2. Annex 7 aligns with WWNWS13 Self Assessment



ANNEX 7 – SUBAREA I (SWEDEN)

International Hydrographic Organization

1. **5 NAVTEX Stations**
2. Annex 7 aligns with WWNWS13 Self Assessment



WWNWS13 30th August – 3rd September 2021

ANNEX 7 – NAVAREA II (FRANCE)

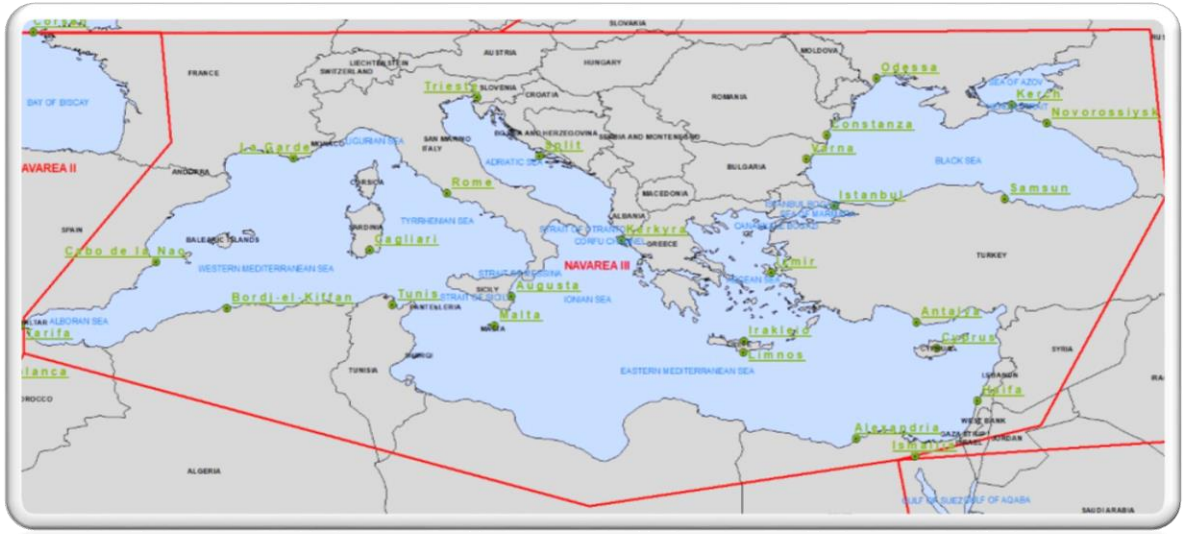
International Hydrographic Organization

1. **9 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Dakar, Senegal [C] listed as “Temporarily suspended”
      1. *Report indicates “Operational”*
   2. Cabo Verde, Sao Vicente [U] listed as “Temporarily suspended”
      1. *Report indicates “Operational”*
   3. Las Palmas, Spain [I] listed as ”Operational”
      1. *Report indicates “Temporarily suspended from 2013”*
   4. Lagos, Nigeria not listed
      1. *Report indicates “Project Stage”*

ANNEX 7 – NAVAREA III (SPAIN)

International Hydrographic Organization

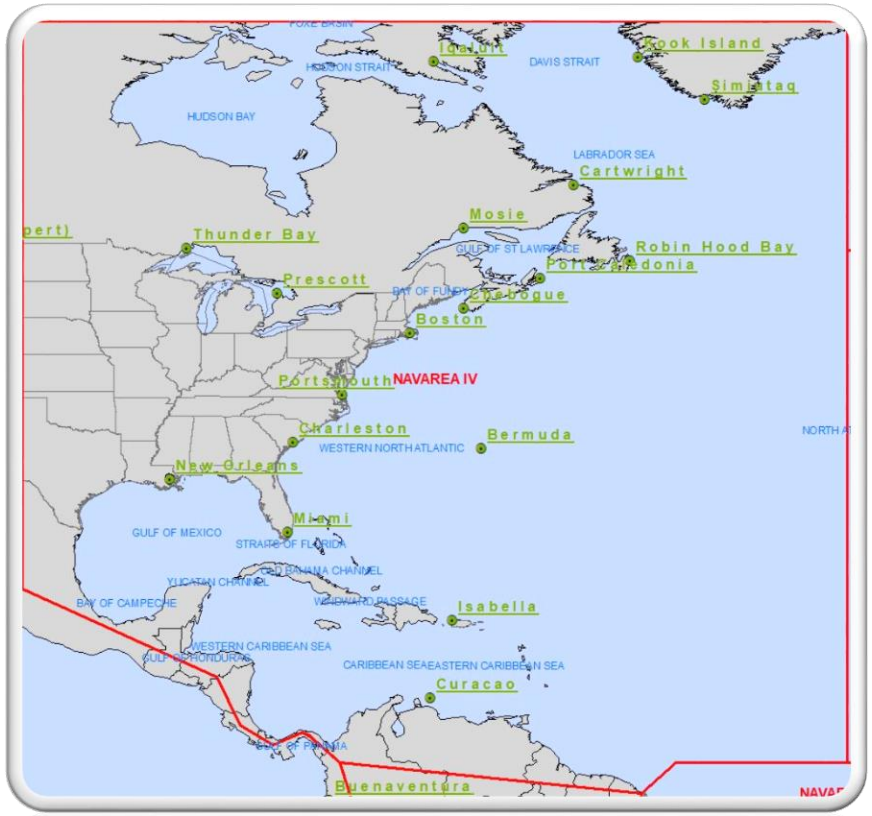
1. **29 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Baku (Chilov), Azerbaijan [R] listed as "Operational"
      1. *Station is in the Caspian Sea*
      2. *Report does not list this station*
   2. Fereydoonkenar, Iran [G] listed as "Operational"
      1. *Station is in the Caspian Sea*
      2. *Report does not list this station*
   3. Astrakhan, Russia [W] listed as "Operational"
      1. *Station is in the Caspian Sea*
      2. *Report does not list this station*
   4. Surt, Libya listed as "Planned"
      1. *Report does not list this station*
   5. Taganrog, Russia [O] not listed (490 kHz)
      1. *Report lists as operational*


NAVAREA II
NAVAREA III
Triest
Rome
Cagliari
Bordj-el-Kiffan
Tunis
Augusta
Malta
Corfu
Izmir
Istanbul
Constanza
Varna
Odessa
Kerch
Novorossiysk
Samsun
Antalya
Cyprus
Limnos
Iraklion
Alexandria
Haifa
Cabo de la Nao
Tarifa
Ceuta
Gibraltar
Malaga
Alicante
Palma
Ajaccio
Sardinia
Sicily
Crete
Rhodes
Cyprus
Malta
Tunisia
Algeria
Morocco
Spain
France
Italy
Greece
Turkey
Egypt
Libya
Syria
Lebanon
Israel
Jordan
Black Sea
Mediterranean Sea
Ionian Sea
Tyrrhenian Sea
Adriatic Sea
Aegean Sea
Eastern Mediterranean Sea
Western Mediterranean Sea
Balearic Islands
Strait of Gibraltar
Strait of Sicily
Strait of Messina
Strait of Bosphorus
Strait of Dardanelles
Suez Canal
Gulf of Aqaba
Red Sea
Bay of Biscay
Alboran Sea
Gulf of Sidra
Sea of Azov
Gulf of Suez
Gulf of Aqaba
Gulf of Sidra
Gulf of Gabes
Gulf of Tunis
Gulf of Hammamet
Gulf of Sirte
Gulf of Cyprus
Gulf of Izmir
Gulf of Iskenderun
Gulf of Antalya
Gulf of Kerkyra
Gulf of Corinth
Gulf of Thessaloniki
Gulf of Kavala
Gulf of Saronikos
Gulf of Patras
Gulf of Lepanto
Gulf of Venice
Gulf of Trieste
Gulf of Genoa
Gulf of Lion
Gulf of Cadiz
Gulf of Valencia
Gulf of Alicante
Gulf of Almeria
Gulf of Cartagena
Gulf of Malaga
Gulf of Tarifa
Gulf of Cabo de la Nao
Gulf of Ceuta
Gulf of Gibraltar
Gulf of Malaga
Gulf of Alicante
Gulf of Almeria
Gulf of Cartagena

ANNEX 7 – NAVAREA IV (UNITED STATES)

International Hydrographic Organization

1. **19 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Santa Marta, Colombia [C] is listed as "Under Trial"
      1. *Report indicates "Operational"*



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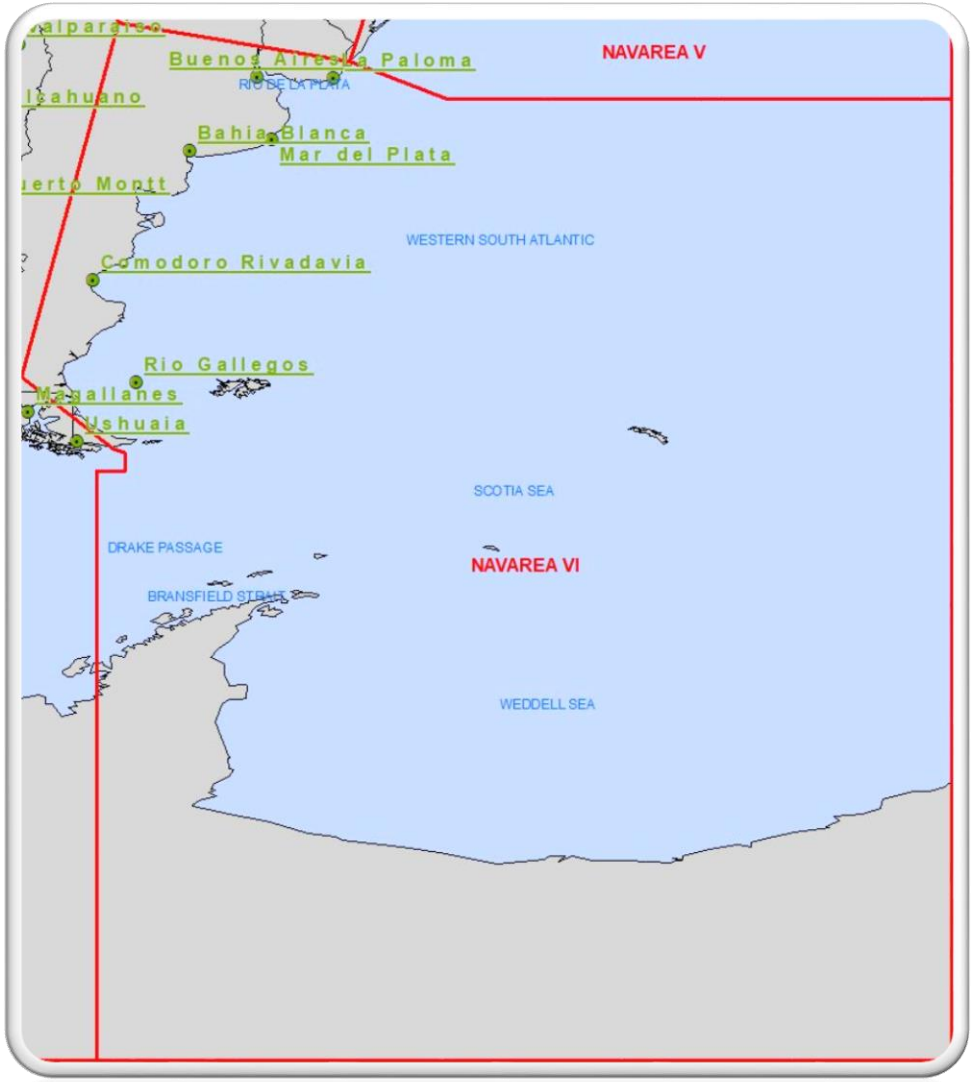
ANNEX 7 – NAVAREA V (BRAZIL)

NAVAREA V has no NAVTEX Stations

ANNEX 7 – NAVAREA VI (ARGENTINA)

International Hydrographic Organization

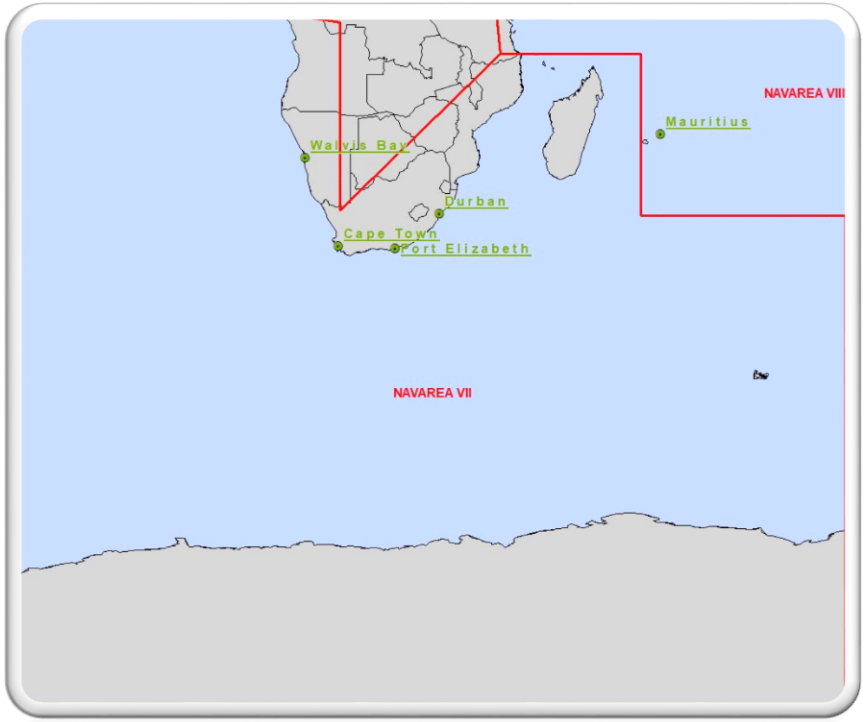
1. **7 NAVTEX Stations**
2. Annex 7 aligns with WWNWS13 Self Assessment



ANNEX 7 – NAVAREA VII (SOUTH AFRICA)

International Hydrographic Organization

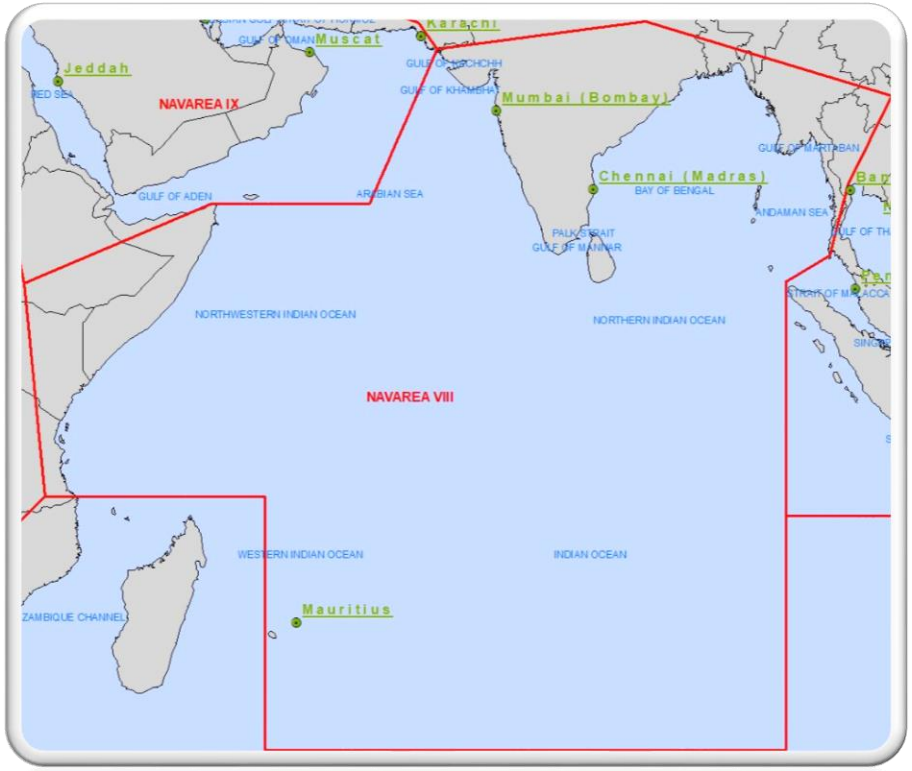
1. **5 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Walvis Bay, Namibia [B] listed as "Temporarily suspended"
      1. *Report indicates "Operational"*
   2. Cape Columbine, South Africa [U] listed as "Planned" and has no antenna position
      1. *Report indicates "Operational"*



ANNEX 7 – NAVAREA VIII (INDIA)

International Hydrographic Organization

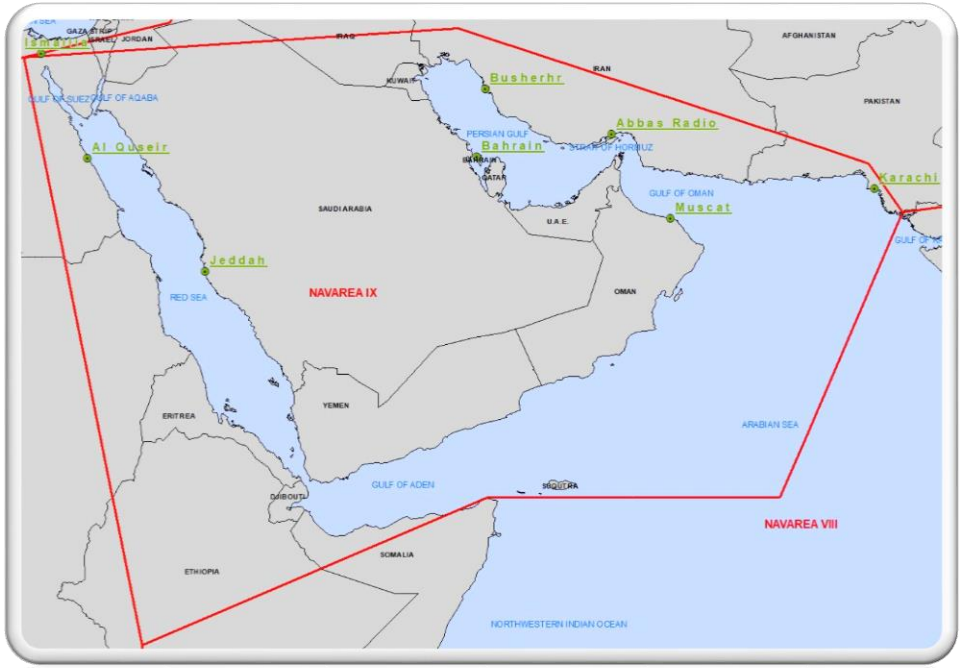
1. **8 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Keating Point, India [V] not listed under 518 kHz section
      1. *"WWNWS12 Report indicates "Operational"*
      2. *Keating Point [K] is listed under 490 kHz section*
   2. Kuakata, Bangladesh [D] not listed under 518 or 490 [V] kHz as "Planned"
      1. *WWNW13 NAVTEX Panel report noted successful trials*

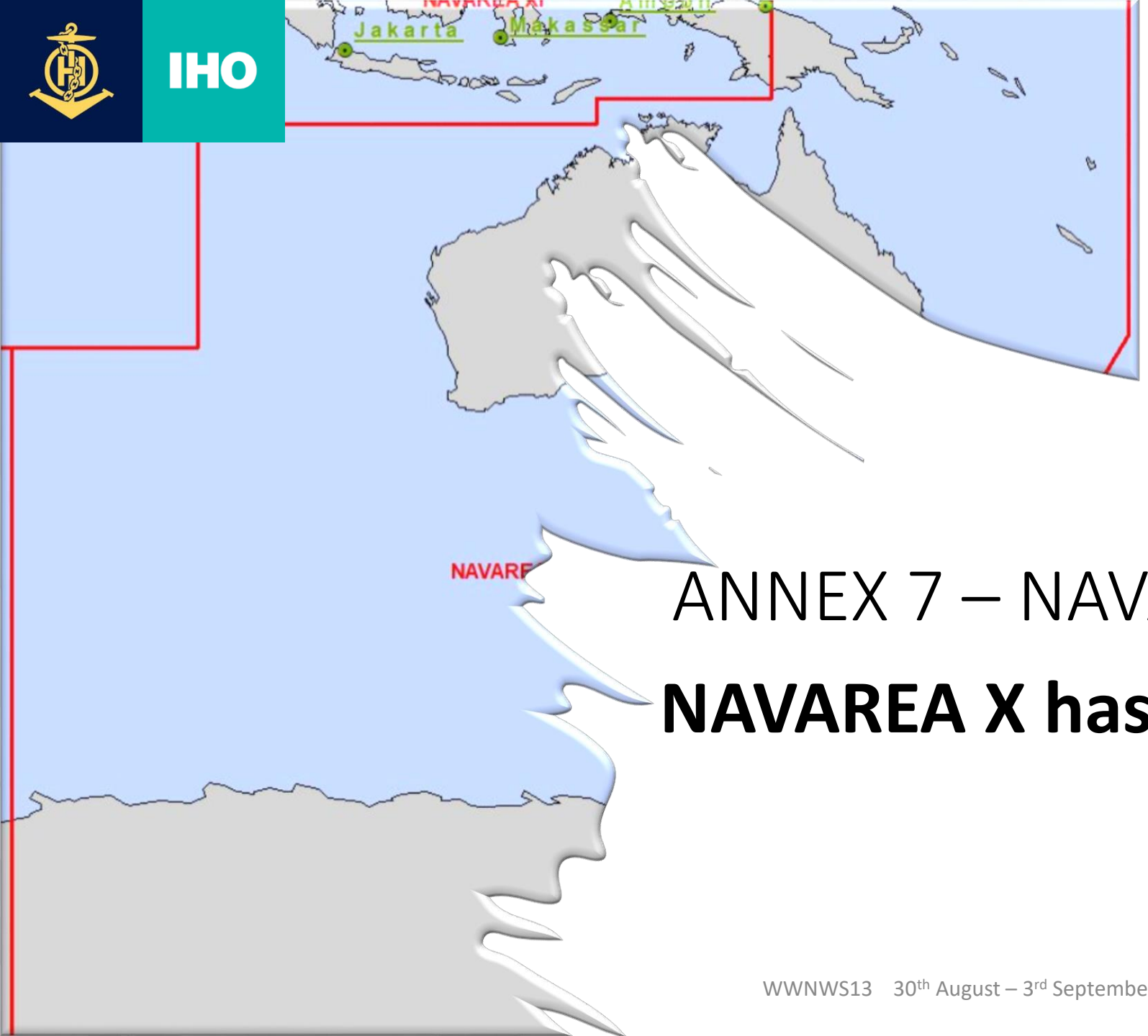


ANNEX 7 – NAVAREA IX (PAKISTAN)

International Hydrographic Organization

1. **9 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Serapeum, Egypt [X] listed as “Operational”
      1. *Station not listed in report*
   2. Salalah, Oman [D] listed as “Planned”
      1. *Station not listed in report*
   3. Wattayah, Oman [M] listed as “Temporarily suspended”
      1. *Report lists as “Operational” and with station name: Muscat, Oman*
   4. Jeddah, Saudi Arabia [H] listed as “Operational”
      1. *Station not listed in report*
   5. Karachi, Pakistan listed as “Temporarily suspended”
      1. *Report lists as “Operational”*





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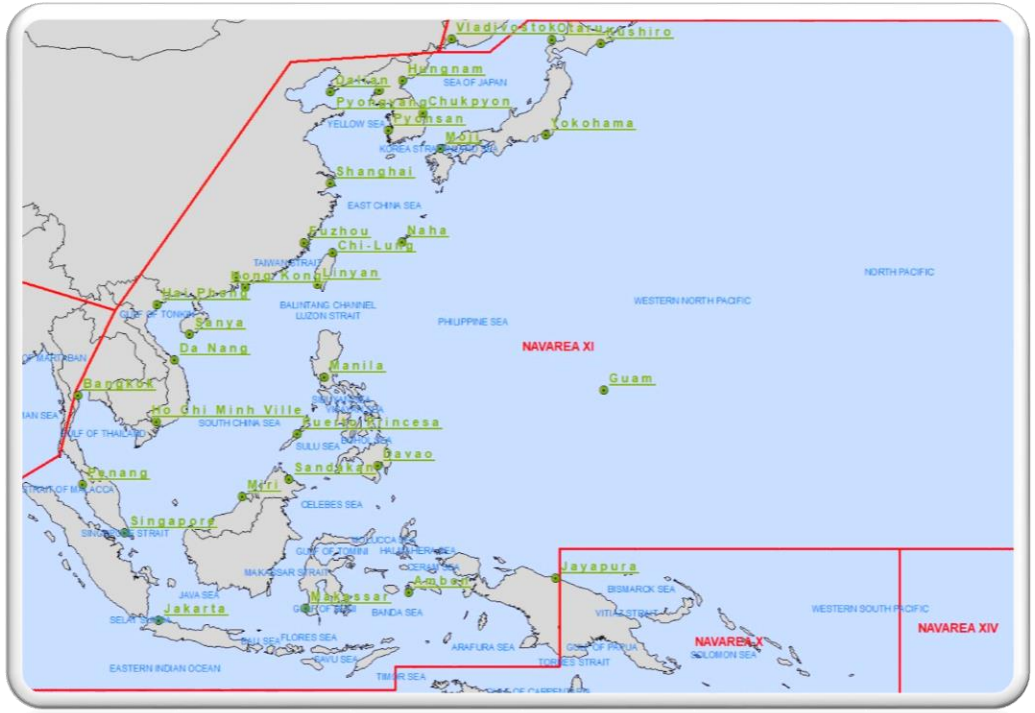
ANNEX 7 – NAVAREA X (AUSTRALIA)

NAVAREA X has no NAVTEX Stations

ANNEX 7 – NAVAREA XI (JAPAN)

International Hydrographic Organization

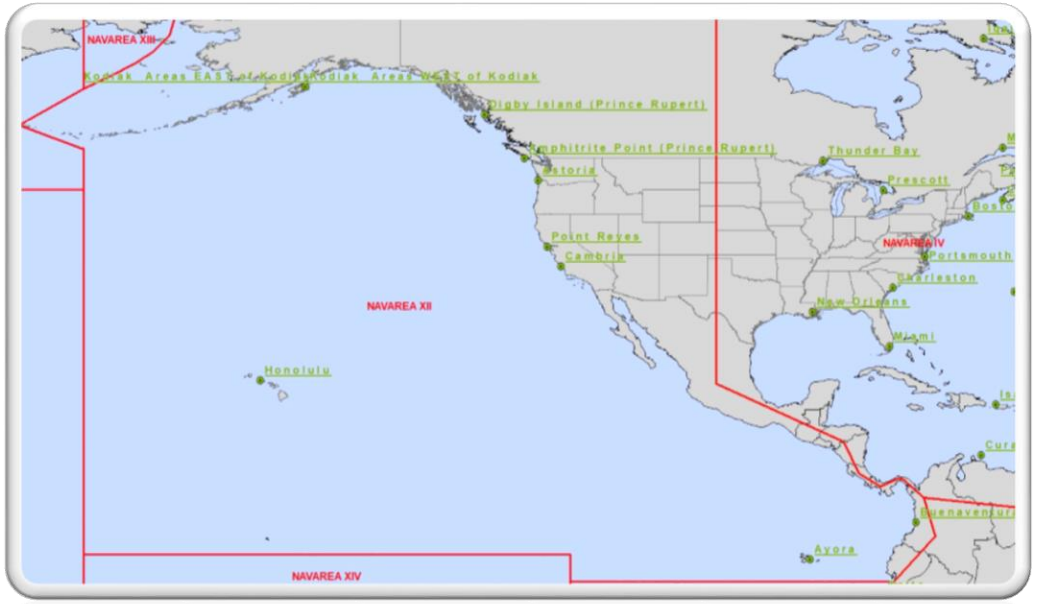
1. **29 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Manilla, Philippines [J] listed as "Temporarily Suspended"
      1. *Report lists as "Operational"*
   2. Davao, Philippines [R] listed as "Planned"
      1. *Station not listed in report*



ANNEX 7 – NAVAREA XII (UNITED STATES)

International Hydrographic Organization

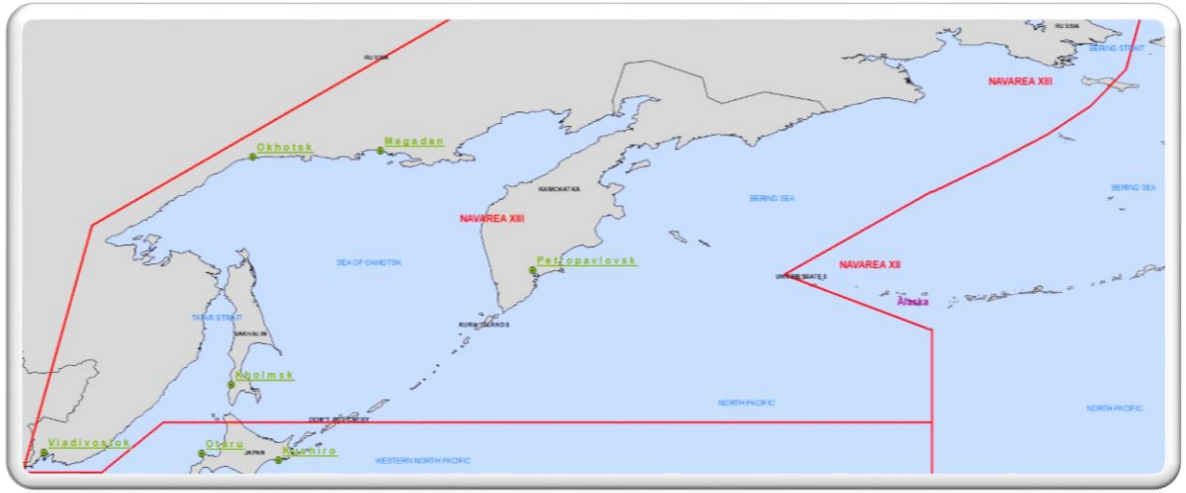
1. **10 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Buenaventura, Colombia [O] listed as “Under Trial”
      1. *Report indicates “Operational”*
   2. Kodiak, Alaska, U.S. [J] [K] listed with two B1 characters, both broadcasting on 518 kHz.
      1. *Report indicates Kodiak only uses [J]*

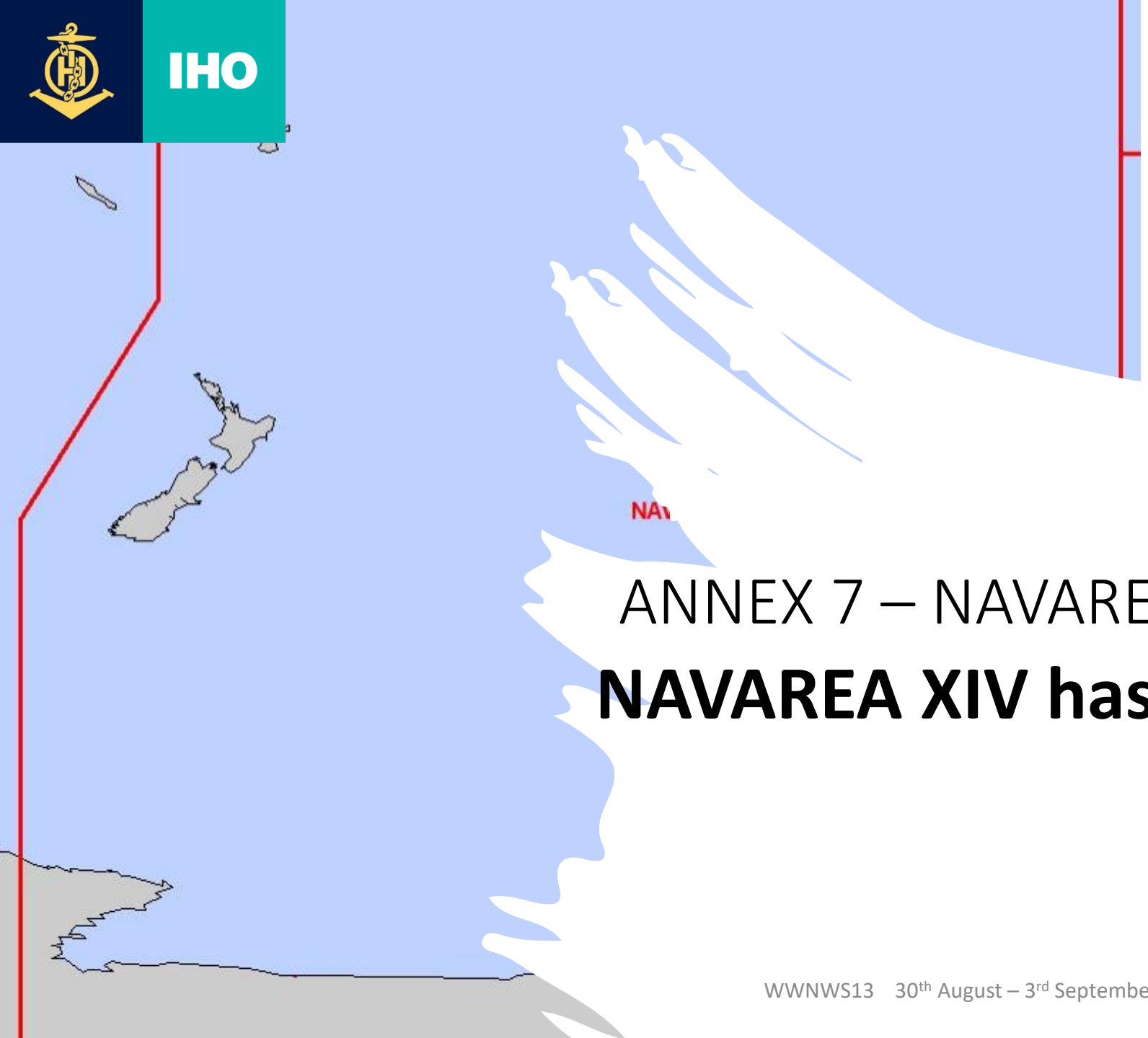


ANNEX 7 – NAVAREA XIII (RUSSIA)

International Hydrographic Organization

1. **5 NAVTEX Stations**
2. Status of implementation Annex 7
   1. Petropavlovsk, Russia [C] listed as “Under Trial”
      1. *Report indicates “Operational”*
   2. Magadan, Russia [D] listed as “Under Trial”
      1. *Report indicates “Operational”*





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ANNEX 7 – NAVAREA XIV (NEW ZEALAND)

NAVAREA XIV has no NAVTEX Stations

ANNEX 7 – NAVAREA XV (CHILE)

International Hydrographic Organization

1. **6 NAVTEX Stations**
2. Annex 7 aligns with WWNWS13 Self Assessment

ANNEX 7 – NAVAREA XVI (PERU)

International Hydrographic Organization

1. **3 NAVTEX Stations**
2. Annex 7 aligns with WWNWS13 Self Assessment

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ANNEX 7 – NAVAREA XVII AND XVIII (CANADA)

NAVAREA XVII and XVIII have no NAVTEX Stations

ANNEX 7 – NAVAREA XIX (NORWAY)

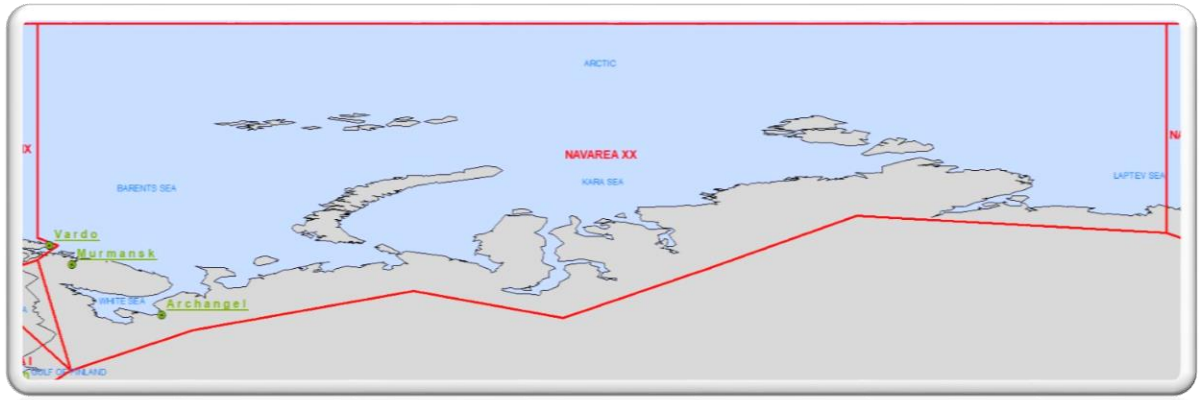
International Hydrographic Organization

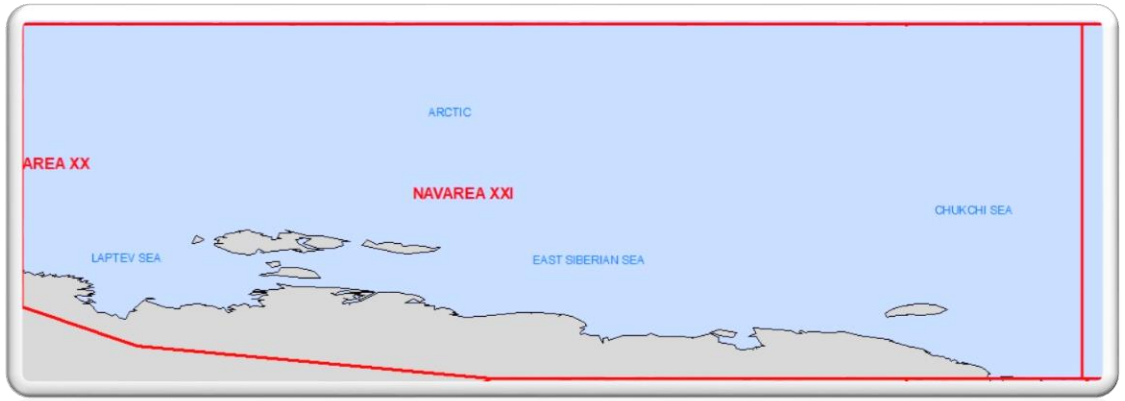
1. **3 NAVTEX Stations**
2. Annex 7 aligns with WWNWS13 Self Assessmenta

ANNEX 7 – NAVAREA XX AND XXI (RUSSIA)

International Hydrographic Organization

1. **4 NAVTEX Stations**
2. Annex 7 aligns with WWNWS12 Self Assessment





ANNEX 8-2 EGC SERVICES – IRIDIUM SAFETYCAST

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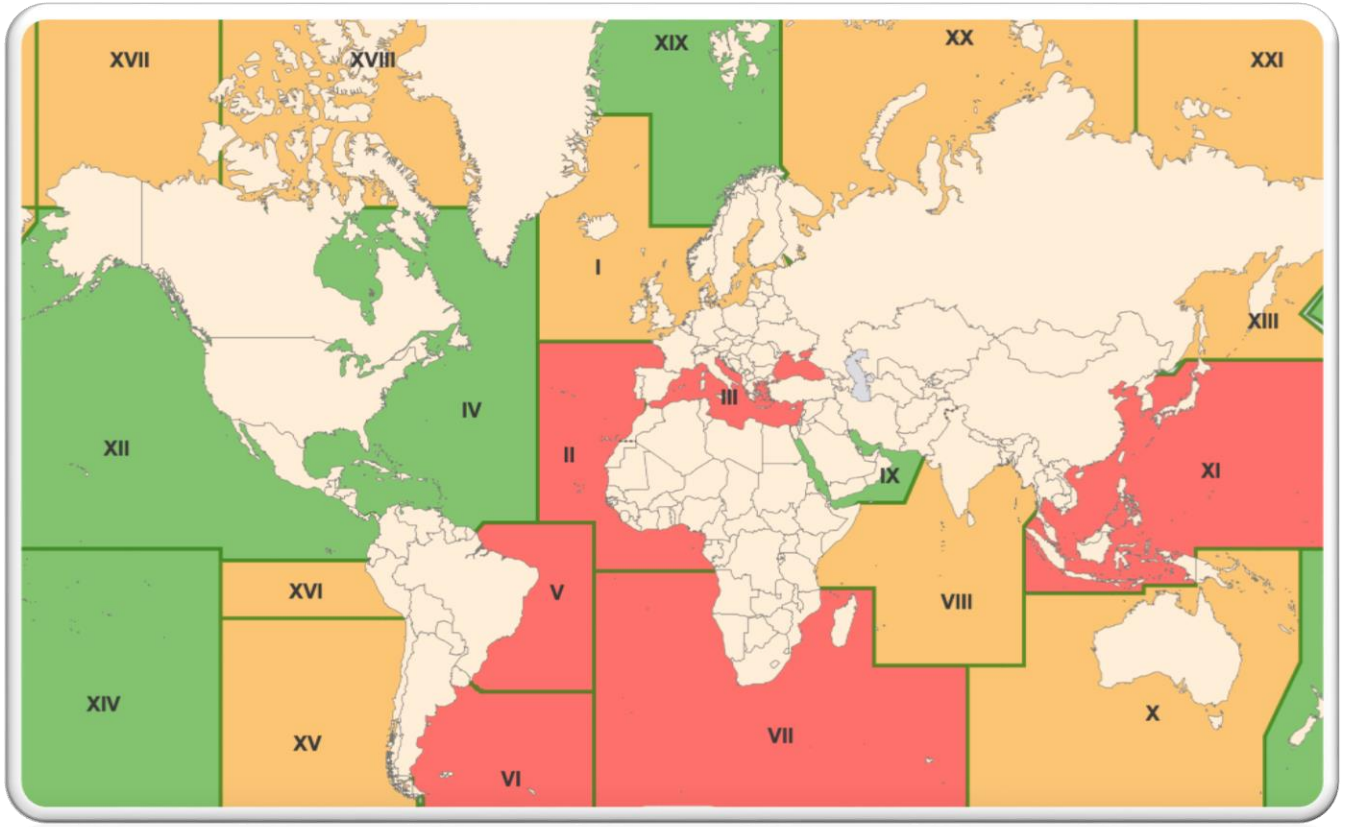
Operational (5)

- NAVAREA IV
- NAVAREA IX
- NAVAREA XII
- NAVREA XIV
- NAVAREA XIX



Under Trial (10)

- NAVAREA I
- NAVAREA VIII
- NAVAREA X
- NAVAREA XIII
- NAVAREA XV
- NAVAREA XVI
- NAVAREA XVII
- NAVAREA XVIII
- NAVAREA XX
- NAVAREA XXI

ANNEX 8-2 EGC SERVICES – IRIDIUM SAFETYCAST

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International Hydrographic Organization

iridium

IMO-GMDSS-Annex8-2-20210825

NAV/MET Area	Type of Information	Country	Status of implementation	Other information
I	NAV	United Kingdom	Under trial	
IV	NAV	United States	Operational	
X	NAV	Australia	Under trial	
XII	NAV	United States	Operational	
XIV	NAV	New Zealand	Operational	
XVII	NAV	Canada	Under trial	
XVIII	NAV	Canada	Under trial	
XIX	NAV	Norway	Operational	
Missing information from GISIS as of 25 August 2021				
VIII	NAV	Pakistan	Under trial	
IX	NAV	India	Operational	
XIII	NAV	Russia	Under trial	
XV	NAV	Chile	Under trial	
XVI	NAV	Peru	Under trial	
XVII	NAV	Canada	Under trial	
XVIII	NAV	Canada	Under trial	
XX	NAV	Russia	Under trial	
XXI	NAV	Russia	Under trial	

Operational (5)

- NAVAREA IV
- NAVAREA IX
- NAVAREA XII
- NAVREA XIV
- NAVAREA XIX

Under Trial (10)

- NAVAREA I
- NAVAREA VIII
- NAVAREA X
- NAVAREA XIII
- NAVAREA XV
- NAVAREA XVI
- NAVAREA XVII
- NAVAREA XVIII
- NAVAREA XX
- NAVAREA XXI

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ANNEX 8-1 EGC SERVICES -- SAFETYNET

inmarsat

NAVAREA	Type of Information	Country	LES/LESO	Ocean Region	Coastal Warning Area	(UTC)
I	NAV	United Kingdom	Burum/Stratos *SafetyNET II*	AORE, IOR		0530,1730
II	NAV	France	Aussaguel *SafetyNET II*	AORE		0430,1630
III	NAV	Spain	Eik *SafetyNET II*	AORE		1200,2400
IV	NAV	France	Aussaguel	AORW	*C? Update pending*	0900,2100
IV	NAV	French Guiana (France)	Aussaguel	AORW	*A? Update pending*	0900,2100
IV	NAV	United States	Southbury *SafetyNET II*	AORE, AORW, IOR		1000,2200
V	NAV	Brazil	Burum	AORE		0030,1230
VI	NAV	Argentina	Eik (Norway)	AORW		0200,1400
VII	NAV	France	Aussaguel	IOR	*?*	0140,1340
VII	NAV	Mayotte (France)	Aussaguel	IOR	*V?*	0330,1530
VII	NAV	Réunion (France)	Aussaguel	IOR	*D?*	0040,1240
VII	NAV	South Africa	Station 12 *SafetyNET II*	AORE, IOR		0940,1940

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ANNEX 8-1 EGC SERVICES -- SAFETYNET

inmarsat

NAVAREA	Type of Information	Country	LES/LESO	Ocean Region	Coastal Warning Area	(UTC)
VIII	NAV	India	Pune	IOR / *POR*		1000,2200
VIII	NAV	Mayotte (France)	Aussaguel	IOR	*V?*	0330,1530
VIII	NAV	Réunion (France)	Aussaguel	IOR	*D?*	0040,1240
IX	NAV	Pakistan	Burum	IOR		0300,1500
X	NAV	Australia	Perth 212, 312 *Burum*	IOR, POR		0700,1900
X	NAV	France	Aussaguel	POR	*N?*	0140,1340
XI	NAV	Japan	Yamaguchi	IOR, POR		0005,1205
XII	NAV	United States	Santa Paula/Southbury	AORW, POR		1030,2230
XIII	NAV	Japan	Perth	POR	South of 60oN in AREAXIII; *Does Japan broadcast for NAVAREA XII?*	0930,2130
XIII	NAV	Russian Federation	Nudol	POR	NAVAREA XIII broadcast to rectangular area 33N132E34066; Vladivostok coastal warning broadcasts to the same area	0930,2130

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ANNEX 8-1 EGC SERVICES -- SAFETYNET

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NAVAREA	Type of Information	Country	LES/LESO	Ocean Region	Coastal Warning Area	(UTC)
XIV	NAV	French Polynesia (France)	Southbury	POR	*R? Broadcast by France or NZ?*	0250,1450
XIV	NAV	New Caledonia (France)	Aussaguel	POR	*N? Broadcast by France or NZ?*	0140,1340
XIV	NAV	New Zealand	Burum	POR	*Extra NAVAREA XIV entry?*	0900,2100
XIV	NAV	New Zealand	Burum	AORW, POR	*Extra NAVAREA XIV entry?*	0900,2100
XIV	NAV	New Zealand	Burum *SafetyNET II*	AORW, POR	*Annexed figure only shows "Z"*	0900,2100
XIV	NAV	Wallis and Futuna (France)	Aussaguel *SafetyNET II*	POR	*D? Broadcast by France or NZ?*	0030,1230 *0140,1340*
XV	NAV	Chile	Southbury	AORW	*Coastal Warning Areas A-F? Noted warnings from F and A*	0210,1410
XVI	NAV	Peru	Southbury	AORW		0500,1700
XVII	NAV	Canada	SafetyNET II	AORE, AORW, POR		1130,2330
XVIII	NAV	Canada	SafetyNET II	AORE, AORW		1100,2300
XIX	NAV	Norway	Eik *SafetyNET II*	AORE		0630,1830
XX	NAV	Russian Federation	Nudol	IOR	*Coastal Warning West? 67N044E16081 Coastal Warning East? 63N125E17070*	0530,1730
XXI	NAV	Russian Federation	Nudol	POR		0630,1830

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HOW TO UPDATE GISIS (WWW.GISIS.IMO.ORG)

Click on GMDSS Icon

IMO INTERNATIONAL MARITIME ORGANIZATION

GISIS: GMDSS

Members Area > GMDSS > Information

1: Status of facilities | 2: Sea Area A1 | 3: Sea Area A2 | 4: Sea Areas A3 and A4 | 5: INMARSAT LESs | 6: RCC Ship Earth Stations | 7: NAVTEX Service | 8-1: SafetyNET

10: Cospas-Sarsat MCC and LUT | 11: EPIRB Registration Data | 12: MMSI Contact Points | 13: NAVAREA/METAREA Coordinators

Updated: 2018-07-10

8-1: International SafetyNET Services / United States

Status of implementation:	Operational
NAV/MET area:	IV
Type of information:	Navigational warnings
NAVAREA coordinator responsible for the area?	No
LES/LESO:	Southbury
Ocean regions:	AOR-E = Atlantic Ocean Region, East; AOR-W = Atlantic Ocean Region, West
MSI coastal warning area (if applicable): See resolution A.705(17), as amended, for definition	
Broadcast schedule (UTC):	1000,2200
Attachments:	

Other information:

NAVAREA COORDINATOR RESPONSIBLE FOR THE AREA

If any of these contents needs to be updated, your national IMO Web accounts Administrator, or its assigned GMDSS managers, have authority to do so. T up-to-date. (See Circular Letter No.2892).

« Back | Edit