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GMDSS.1/Circ.15
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MASTER PLAN OF SHORE-BASED FACILITIES FOR THE GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS MASTER PLAN)

1 This circular supersedes GMDSS.1/Circ.14 and contains the latest information based on replies received from Member Governments.

2 Maps of shore-based facilities for the GMDSS are contained in annex 5 of the GMDSS Manual (2011 edition).

3 Member Governments are invited to bring the information to the attention of all Parties concerned.

4 Member Governments are further invited to check their national data in the annexed information for accuracy, and provide the necessary amendments, as soon as possible, and to respond to MSC.1/Circ.1382/Rev.2, if they have not already done so.

SUSTAINABLE DEVELOPMENT:
IMO'S CONTRIBUTION BEYOND RIO+20

LIST OF ANNEXES

ANNEX 1 – STATUS OF SHORE-BASED FACILITIES FOR THE GMDSS

ANNEX 2 – LIST OF VHF DSC COAST STATIONS FOR SEA AREA A1

ANNEX 3 – LIST OF MF DSC COAST STATIONS FOR SEA AREA A2

ANNEX 4 – LIST OF HF DSC COAST STATIONS FOR SEA AREAS A3 AND A4

ANNEX 5 – LIST OF INMARSAT LAND EARTH STATIONS (LESs)

ANNEX 6 – LIST OF RESCUE CO-ORDINATION CENTRES (RCCs) USING SHIP EARTH STATIONS (SESs)

ANNEX 7 – NAVTEX SERVICE

ANNEX 8 – THE INTERNATIONAL SAFETYNET SERVICE

APPENDICES – TABLE OF INTERNATIONALLY COORDINATED BROADCAST SCHEDULES

ANNEX 9 – HF NARROW-BAND DIRECT PRINTING (NBDP) MARITIME SAFETY INFORMATION (MSI) BROADCAST SERVICE

ANNEX 10 – LIST OF COSPAS-SARSAT MISSION CONTROL CENTRES (MCCs) AND LOCAL USER TERMINALS (LUTs)

ANNEX 11 – SATELLITE EPIRB REGISTRATION INFORMATION DATA

ANNEX 12 – LIST OF 24-HOUR POINTS OF CONTACT FOR MARITIME MOBILE SERVICE IDENTITIES (MMSI)

ANNEX 13 – REVISED QUESTIONNAIRE ON SHORE-BASED FACILITIES FOR THE GMDSS (MSC.1/Circ.1382/Rev.2)

DEFINITIONS AND ABBREVIATIONS USED IN THE GMDSS MASTER PLAN

DEFINITIONS

NAV/MET Area *means* **a geographical sea area, as shown in the appendix**, for the purpose of coordinating the transmission of radio navigational warnings (NAVAREA) and meteorological information (METAREA).

Monitor stations *include* **remote-controlled stations**.

ABBREVIATIONS

AOR-E	–	Atlantic Ocean Region-East
AOR-W	–	Atlantic Ocean Region-West
ARCC	–	Aeronautical Rescue Coordination Centre
CES	–	Coast Earth Station
DSC	–	Digital Selective Calling
EPIRB	–	Emergency Position-Indicating Radio Beacon
GSM	–	Global System for Mobile Communications
HF	–	High Frequency
IOR	–	Indian Ocean Region
LES	–	Land Earth Station
LUT	–	Cospas-Sarsat Local User Terminal
MCC	–	Cospas-Sarsat Mission Control Centre
MET	–	Meteorological Information
MF	–	Medium Frequency
MMSI	–	Maritime Mobile Service Identities
MRCC	–	Maritime Rescue Coordination Centre
MRSC	–	Maritime Rescue Sub-Centre
MSI	–	Maritime Safety Information
MSS	–	Mobile Satellite Service
NAV	–	Navigational Warnings
NBDP	–	Narrow-band direct printing
NCS	–	Network Coordinating Station
N.I.	–	No Information
NM	–	Nautical Mile(s)
POR	–	Pacific Ocean Region
PS	–	Public Correspondence + Safety and Distress
SAR	–	Search and Rescue Alerts
RCC	–	Rescue Coordination Centre
RX	–	Receiver
SES	–	Ship Earth Station
SD	–	Safety and Distress
TBD	–	To be decided
TX	–	Transmitter
UTC	–	Coordinated Universal Time
VHF	–	Very High Frequency

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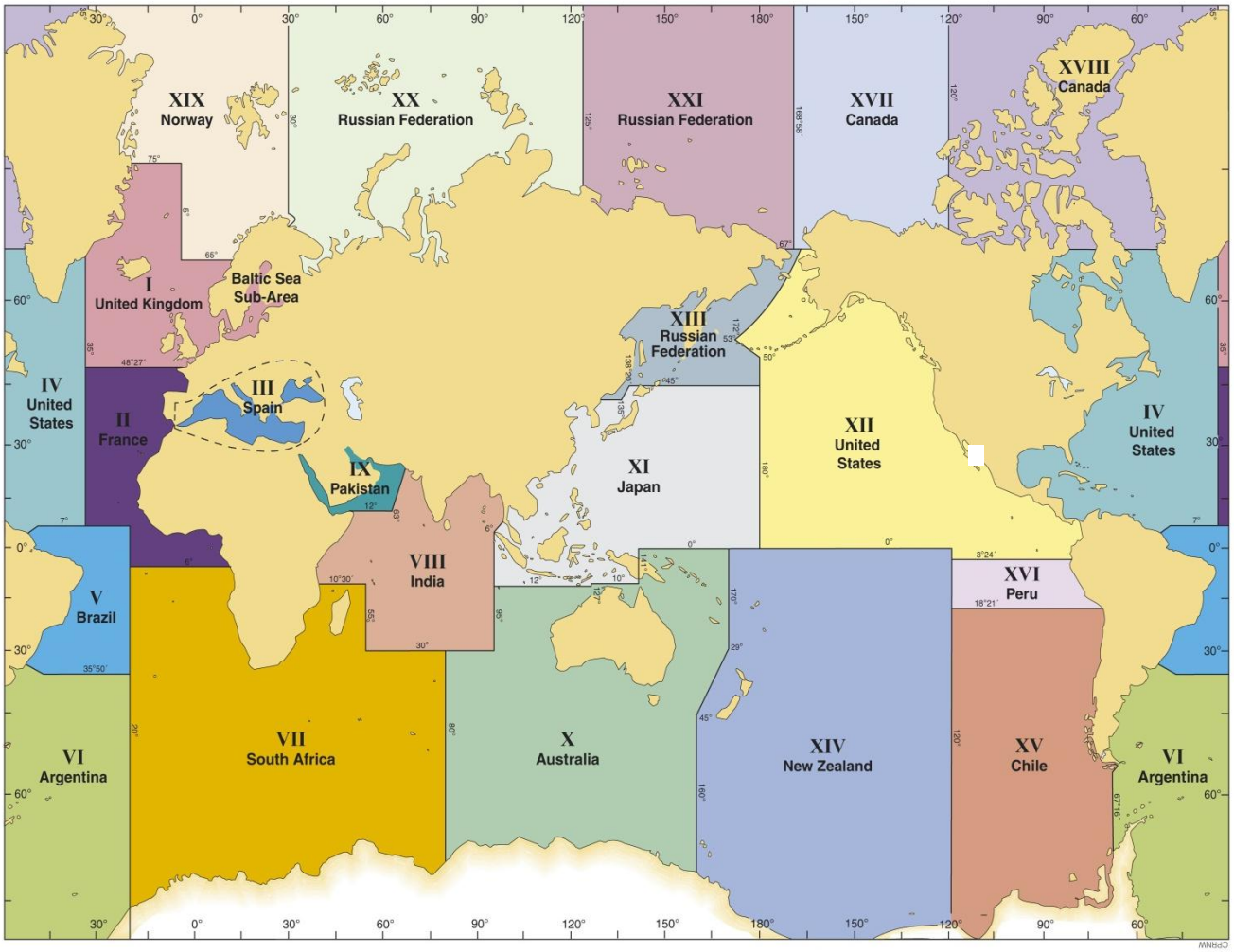
Appendix

GEOGRAPHICAL AREAS FOR COORDINATING AND PROMULGATING RADIO-NAVIGATIONAL WARNINGS



The delimitation of such areas is not related to and shall not prejudice the delimitation of any boundaries between States

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O = Operational
T = Under trial
P = Planned or to be decided

ANNEX 1

STATUS OF SHORE-BASED FACILITIES FOR THE GMDSS

COUNTRY	COAST STATIONS						SES for RCC	MSI BROADCAST SERVICE					Cospas-Sarsat	
	DSC			Inmarsat LES					SafetyNET			HF NBDP		
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F77		NAVTEX	NAV	MET	SAR		MCC	LUT
Algeria	O	O		O			O	O	O	O	O		O	O
Angola	P	P	P				P	P	P	P	P	P	P	P
Argentina	O	O	O				O	O	O	O	O	O	O	O
Australia			O	O	O	O			O	O	O		O	O
Azerbaijan	O	O	O				O	T	P	P	P		P	P
Bahrain								O						
Belgium	O	O						O						
Benin	O	O												
Bermuda (United Kingdom)	O	O					O	O						
Brazil			O		O		O		O	O	O	O	O	O
Bulgaria	O	O					O	O						
Cameroon	P	P						P						
Canada	O		O				O	O	O	O	O	O	O	O
Cape Verde	O	O	P				P	O			O			
Chile	O	O	O				O	O	O	O	O		O	O
China	O	O	P	O	O	O	O	O		O			O	O
Comoros	P	P												
Congo (the)	P	P	P											

COUNTRY	COAST STATIONS						SES for RCC	MSI BROADCAST SERVICE					Cospas-Sarsat	
	DSC			Inmarsat LES					SafetyNET			HF NBDP		
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F77		NAVTEX	NAV	MET	SAR		MCC	LUT
Côte d'Ivoire	O	O	O					P						
Croatia	O	O					O	O						
Cuba														
Curaçao (the Netherlands)	O	O					O	O						
Cyprus	O	O	O				O	O			O		P	P
Democratic People's Republic of Korea								O						
Democratic Republic of the Congo (the)	P	P												
Denmark	O	O						O						
Djibouti	P	P												
Ecuador	O	O	O					O						
Egypt	O	O	O				O	O				P		
Equatorial Guinea	P													
Estonia	O	O					O & P	O						
Fiji		O	O											
Finland	O	O					O							
France	O + P	O		O	O	O	O	O	O	O	O		O	O
Gambia (the)	P													
Georgia	O & P	O					P							
Germany	O						O	O			O			
Ghana	O	P	P											
Greece	O	O	O	O	O	O	O	O		O	O	-	O	O
Greenland (Denmark)		O						O						
Guam (United States)	P	P	O					O				O		

COUNTRY	COAST STATIONS						SES for RCC	MSI BROADCAST SERVICE					Cospas-Sarsat	
	DSC			Inmarsat LES					SafetyNET			HF NBDP		
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F77		NAVTEX	NAV	MET	SAR		MCC	LUT
Guinea	P	P												
Guinea-Bissau	P	P												
Iceland		O						O						
India	O	O & P	P & O	O	O	O		O & P	O	O	O		O	O
Indonesia	O & P	O & P	O & P					O			O	P	O	O
Iran (Islamic Republic of)	O & P	O	O				P	O						
Iraq	O	O												
Ireland	O	O					P	O						
Israel	O	O			O	P	O	O						
Italy	O	O		O	O	O		O				P	O	O
Jamaica	P	P					P							
Japan		O	O	O	O	O		O	O	O	O		O	O
Jordan	P	P	P											
Kenya	P	P												
Latvia	O	O					O							
Lebanon	O	O												
Liberia	P	P	P											
Lithuania	O	O					O							
Madagascar	P	P												
Malaysia	O	O & P						O			O			
Malta	O	O					O	O						
Mauritania	P	P						P						
Mauritius	O	O	P	P	P	N/A	P	NA	NA	NA	NA	NA	NA	NA
Mexico	O & P	O & P	P					P						

COUNTRY	COAST STATIONS						SES for RCC	MSI BROADCAST SERVICE					Cospas-Sarsat	
	DSC			Inmarsat LES					SafetyNET			HF NBDP		
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F77		NAVTEX	NAV	MET	SAR		MCC	LUT
Morocco								P						
Mozambique	P	P	P											
Myanmar	O													
Namibia								O						
Netherlands (the)	O	O		O	O	O	O	O			O			
New Zealand			O		O	O			O	O	O			O
Nigeria				O									O	O
Norway	O	O		O	O	O	O	O	T	T	O	T	O	O
Oman	P	P	P					O						
Pakistan	P							O	O	O	O		P	P
Peru	O	O	O					O	O		O		O	O
Philippines (the)	O	P	P		P	P	P	O				O	P	P
Poland	O	O												
Portugal	P	P	P				P	O & P						
Republic of Korea (the)	O	O	O	O		O	O	O					O	O
Republic of Montenegro (the)	O	O					O							
Romania	O	O	O					O						
Russian Federation (the)	O	O, P & T			O		O & P	O & T	O	O	O		O	O
São Tomé and Príncipe	P													
Saudi Arabia	O	O & P	P					O					O	O
Senegal	O & P	O						O						
Seychelles (the)	P	P	P											
Sierra Leone	P	P	P											
Singapore	O			O	O	O		O	O		O		O	O

COUNTRY	COAST STATIONS						SES for RCC	MSI BROADCAST SERVICE					Cospas-Sarsat	
	DSC			Inmarsat LES					SafetyNET			HF NBDP		
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F77		NAVTEX	NAV	MET	SAR		MCC	LUT
Slovenia	O													
South Africa			O					O	O	O	O		O	O
Spain	O	O	O					O	O				O	O
Sudan (the)	P	P	P											
Sweden	O	O					O	O						
Syrian Arab Republic (the)	O	O	O					O						
Thailand	O & P	O & P	O					O	O	O	O		O	O
Togo	P													
Tonga											P			
Turkey	O	O	O				O	O				O	O	O
Ukraine (the)	O, T & P	T					O	O						
United Arab Emirates (the)	P	P	P											
United Kingdom (the)	O	O		O	O	O	O	O	O	O	O		O	O
United Republic of Tanzania (the)	P	P	P											
United States (the)	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Uruguay	O	O	O				O	O						
Venezuela (Bolivarian Republic of)	P	P						P						
Viet Nam	O & P	O	O	O	O		P	O					O	O
Associate Member of IMO Faroes (Denmark)	O	O						O						
Associate Member of IMO Hong Kong, China	O	O	O				O	O	O	O	O		O	O

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SD = Safety and Distress
PS = Public Correspondence and Safety and Distress
"Monitor" stations include remote-controlled stations

ANNEX 2

LIST OF VHF DSC COAST STATIONS FOR SEA AREA A1

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I	Belgium	Main	Antwerpen Radio	002050485	51°13'.00N 004°19'.00E	25	Operational	PS	24 hrs	Oostende MRCC
		Main	Oostende Radio	002050480	51°20'.04N 003°12'.00E	25				
	Denmark	Main	Lyngby Radio	002191000	-	-	Operational	PS	24 hrs	SOK, Aarhus
		Monitor	Koebenhavn		55°41'.00N 012°36'.00E	29				
			Vejby		56°04'.00N 012°07'.00E	30				
			Roesnaes		55°44'.12N 010°55'.28E	35				
			Anholt		56°42'.00N 011°35'.00E	28				
			Fornaes		56°26'.00N 010°56'.00E	32				
			Vejle		55°40'.00N 009°30'.00E	42				
			Als		54°57'.00N 009°33'.00E	41				
			Karleby		54°52'.00N 011°11'.00E	36				
			Mern		55°03'.12N 011°59'.40E	45				
			Aarsballe		55°08'.00N 014°52'.00E	42				
			Laesoe		57°17'.00N 011°03'.00E	34				
			Frejlev		57°00'.00N 009°49'.00E	44				
			Blaavand		55°33'.00N 008°06'.00E	33				
			Skagen		57°44'.00N 010°34'.00E	29				
			Hirtshals		57°31'.00N 009°57'.00E	31				
			Hanstholm		57°06'.00N 008°39'.00E	34				
			Bovbjerg		56°31'.00N 008°10'.00E	34				
	Estonia	Main	Tallinn	002761000	59°29'.42N 024°50'.33E	23	Operational	PS	24 hrs	MRCC Tallinn
		Monitor	Toila		59°24'.90N 027°31'.77E	32				
			Eisma		59°33'.54N 026°17'.14E	30				
			Aabla		59°35'.15N 025°31'.28E	30				
			Suurupi		59°27'.68N 024°22'.63E	30				
			Dirhami		59°12'.48N 023°30'.33E	30				
			Kopu		58°55'.12N 022°11'.89E	35				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Estonia (cont.)		Orissaare		58°33'.57N 023°04'.12E	35				
			Undva		58°30'.62N 021°55'.65E	30				
			Torgu		57°58'.67N 022°04'.75E	28				
			Ruhnu		57°48'.20N 023°15'.48E	28				
			Tostamaa		58°18'.33N 024°00'.00E	30				
	Finland	Main	MRCC Turku	002301000	-	-	Operational	SD	24 hrs	MRCC Turku (Back-up by MRSC Helsinki)
		Monitor	Keminmaa		65°49'.29N 024°29'.52E					
			Hailuoto		65°01'.52N 024°36'.06E					
			Kalajoki		64°11'.41N 024°45'.01E					
			Kokkola		63°49'.58N 023°08'.17E					
			Raippaluoto		63°21'.48N 021°18'.30E					
			Kristiinankaupunki		62°16'.08N 021°24'.15E					
			Mantyluoto		61°35'.34N 021°27'.41E					
			Pyharanta		61°05'.11N 021°18'.11E					
			Kustavi		60°38'.21N 021°13'.26E					
			Geta		60°23'.08N 019°50'.62E					
			Eckero		60°12'.54N 019°19'.07E					
			Järsö		60°01'.09N 020°00'.01E					
			Brandö		60°24'.49N 021°02'.48E					
			Kokar		59°55'.44N 020°51'.35E					
			Utö		59°46'.51N 021°22'.08E					
			Kuusisto		60°22'.36N 022°20'.06E					
			Kemionsaari/Oro		59°48'.30N 022°18'.51E					
		Main	MRSC Helsinki	002302000			Operational	SD	24 hrs	MRSC Helsinki (Back up by MRCC Turku)
		Monitor	Hanko		59°46'.22N 022°56'.52E					
			Jussaro		59°49'.25N 024°34'.35E					
			Porkkala		60°01'.37N 024°20'.36E					
			Helsinki/Isosaari		60°06'.02N 025°02'.52E					
			Emasalo		60°12'.13N 025°37'.28E					
			Kotka		60°27'.16N 026°53'.59E					
			Orrengrund		60°16'.29N 026°26'.39E					
			Haapasaari		60°17'.12N 027°11'.07E					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Finland (cont.)		Virolahti		60°27'.20N 027°43'.21E					
		Main	Turku Radio	002300230				PS	24 hrs	
			Kemi		65°40'.22N 024°30'.56E					
			Raahe		65°41'.00N 024°32'.03E					
			Kruunupyy		63°44'.07N 023°30'.19E					
			Mustasaari		63°12'.31N 021°32'.00E					
			Kristiinankaupunki		62°17'.13N 021°38'.30E					
			Uusikaupunki		60°48'.24N 021°28'.47E					
			Geta		60°23'.08N 019°50'.44E					
			Järsö		60°01'.09N 020°00'.01E					
			Nauvo		60°09'.52N 021°42'.32E					
			Utö		59°46'.51N 021°22'.08E					
			Hanko		59°46'.22N 022°56'.52E					
			Espoo		60°10'.39N 024°38'.36E					
			Kotka		60°29'.20N 026°52'.32E					
			Virolahti		60°36'.19N 027°50'.12E					
	France	Main	MRCC Gris Nez	002275100	50°52'.00N 001°35'.00E	23	Operational	SD	24 hrs	MRCC Gris Nez
		Monitor	Dunkerque		51°03'.00N 002°21'.00E	22				
			Saint Frieux		50°36'.00N 001°38'.00E	38				
			St. Valery en Caux		49°52'.16N 000°42'.66E	29				
		Main	MRCC Jobourg	002275200	49°41'.00N 001°54'.50W	42	Operational	SD	24 hrs	MRCC Jobourg
		Monitor	Antifer		49°41'.10N 000°10'.00E	33				
			Villervile		49°23'.10N 000°06'.29E		Planned			
			Port en Bessin		49°20'.50N 000°31'.10W		Planned			
			Gatteville		49°41'.80N 001°15'.90W	26				
			Granville		48°50'.10N 001°36'.80W	26				
			Roches Douvres		49°06'.40N 002°48'.80W		Planned			
		Main	MRCC Corsen	002275300	48°24'.84N 004°46'.98W	27	Operational	SD	24 hrs	MRCC Corsen
		Monitor	Cap Frehel		48°41'.00N 002°19'.00W	28				
			Batz Island		48°44'.78N 004°00'.71W	25				
			Stiff Ouessant		48°28'.00N 005°03'.00W	33				
			Bodic		48°48'.00N 003°05'.00W	25				
			Pointe du Raz		48°02'.33N 004°43'.93W	24				
	Germany	Main	Bremen Rescue Radio	002111240	53°05'.00N 008°48'.00E	25	Operational	SD	24 hrs	MRCC Bremen
		Monitor	Rügen		54°21'.00N 013°45'.00E	27				
			Arkona		54°35'.00N 013°37'.00E	31				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Germany (cont.)		Darss		54°24'.00N 012°27'.00E	30				
			Rostock		54°10'.00N 012°06'.00E	33				
			Kiel		54°18'.00N 010°07'.00E	37				
			Lübeck		54°13'.00N 010°43'.00E	46				
			Flensburg		54°44'.00N 009°30'.00E	29				
			Norddeich		53°34'.00N 007°06'.00E	24				
			Cuxhaven		53°50'.00N 008°39'.00E	24				
			Helgoland		54°11'.00N 007°53'.00E	33				
			Sylt		54°55'.00N 008°18'.00E	28				
			Elderstedt		54°20'.00N 008°47'.00E	24				
			Hamburg		53°33'.00N 009°58'.00E	44				
	Ireland	Main	MRCC Dublin	002500300	-	-	Operational	SD	24 hrs	MRCC Dublin
		Monitor	Dublin		53°23'.00N 006°04'.00W	40				
			Carlingford		54°04'.50N 006°19'.30W	40				
			Wicklow Head		52°58'.00N 006°00'.00W	30				
			Rosslare		52°19'.00N 006°34'.00W	44				
			Mine Head		51°59'.50N 007°35'.17W	30				
		Main	MRSC Valentia	002500200	-	-	Operational	SD	24 hrs	MRSC Valentia
		Monitor	Cork		51°51'.00N 008°29'.00W	40				
			Bantry		51°38'.00N 010°00'.00W	60				
			Valentia		51°52'.00N 010°21'.00W	54				
			Shannon		52°31'.00N 009°36'.00W	50				
		Main	MRSC Malin Head	002500100	-	-	Operational	SD	24 hrs	MRSC Malin Head
		Monitor	Clifden		53°30'.00N 009°56'.00W	50				
			Belmullet		54°16'.00N 010°03'.00W	25				
			Glen Head		54°44'.00N 008°40'.00W	47				
			Malin Head		55°22'.00N 007°16'.00W	49				
	Latvia	Main	Riga Rescue Radio	002750100	57°02'.00N 024°05'.00E	25	Operational	SD	24 hrs	MRCC Riga
		Monitor	Vitrupe		57°36'.00N 024°23'.00E	25				
			Mersrags		57°22'.00N 023°07'.00E	25				
			Kolka		57°45'.00N 022°35'.00E	20				
			Jaunupe		57°32'.00N 021°41'.00E	20				
			Uzava		57°13'.00N 021°26'.00E	20				
			Akmenrags		56°50'.00N 021°03'.00E	20				
			Jurmalciems		56°31'.00N 021°00'.00E	20				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Lithuania	Main	MRCC Klaipeda	002770330	55°43'.00N 021°06'.00E	18	Operational	SD	24 hrs	MRCC Klaipeda
		Monitor	Nida		55°18'.00N 020°59'.00E	24				
			Sventoji		56°00'.00N 021°05'.00E	20				
	Netherlands	Main	Netherlands Coast Guard (PBK)	002442000			Operational	SD	24 hrs	JRCC Den Helder
		Monitor	Woensdrecht		51°26'.14N 004°20'.13E	25				
			Westkapelle		51°31'.45N 003°26'.50E	25				
			Renesse		51°44'.06N 003°49'.18E	25				
			Scheveningen		52°05'.41N 004°15'.27E	25				
			IJmuiden		52°27'.42N 004°35'.00E	25				
			Schoorl		52°43'.00N 004°38'.42E	25				
			Den Helder		52°57'.09N 004°47'.28E	25				
			West Terschelling		53°21'.26N 005°12'.50E	25				
			Schiermonnikoog		53°28'.32N 006°09'.19E	25				
			Appingedam		53°20'.08N 006°51'.33E	25				
			Kornwerderzand		53°04'.09N 005°20'.18E	25				
			Hoorn		52°38'.39N 005°05'.54E	25				
			Wezep		52°26'.50N 005°59'.51E	25				
	Norway	Main	Tjøme Radio	002570100	59°04'.49N 010°24'.022	-	Operational	PS	24 hrs	JRCC South Norway Stavanger
		Monitor	Dolsveden (Kristiansand)		58°08'.09N 008°08'.01E	36				
			Hisøy (Arendal)		58°26'.01N 008°44'.38E	36				
			Ranvikheia (Risør)		58°42'.50N 009°12'.28E	35				
			Tjøme		59°04'.49N 010°24'.22E	28				
			Høyås (Halden)		59°10'.31N 011°25'.40E	53				
			Vealøs (Porsgrunn)		59°14'.10N 009°41'.56E	66				
			Bukten (Drammen)		59°40'.23N 010°26'.01E	24				
			Tryvann (Oslo)		59°59'.05N 010°40'.12E	62				
			Mjøsa, Bangsberget		60°50'.46N 010°53'.51E	-				
		Main	Rogaland Radio (Sola)	002570300	58°53'.00N 005°38'.00E	-	Operational	PS	24 hrs	JRCC South Norway Stavanger
		Monitor	Valhall, The North Sea		56°16'.62N 003°23'.58E	30				
			Ekofisk, The North Sea		56°32'.56N 003°13'.02E	30				
			Ula, The North Sea		57°06'.66N 002°50'.91E	30				
			Lindesnes		58°01'.26N 007°03'.42E	40				
			Farsund		58°04'.21N 006°44'.40E	29				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Norway (cont.)		Lista, Storefjell		58°09'.13N 006°42'.40E	52				
			Draupner, The North Sea		58°11'.30N 002°28'.30E	30				
			Sleipner A, The North Sea		58°22'.05N 001°54'.22E	30				
			Bjerkreim		58°38'.00N 005°57'.18E	66				
			Stavanger, Ullandhaug		58°56'.23N 005°42'.28E	40				
			Bokn		59°13'.13N 005°25'.40E	50				
			Haugesund		59°25'.22N 005°19'.44E	47				
			Heimdal, The North Sea		59°34'.39N 002°13'.69E	30				
			Stord		59°52'.26N 005°29'.38E	74				
			Sotra		60°19'.09N 005°06'.54E	53				
			I. Hardanger, Grimo		60°24'.22N 006°38'.10E	69				
			Bergen, Rundemannen		60°24'.46N 005°21'.56E	65				
			Bergen, Lindås		60°34'.38N 005°19'.44E	59				
		Main	Florø Radio	002570500	61°36'.00N 005°02'.13E	-	Operational	PS	24 hrs	JRCC South Norway Stavanger
		Monitor	Oseberg		60°29'.54N 002°49'.63E	30				
			Gulen		61°02'.04N 005°09'.18E	73				
			Ligtvor		61°06'.05N 006°32'.08E	17				
			Sogndal, Storehogen		61°10'.23N 007°07'.09E	93				
		Monitor	Gullfaks, The North Sea	002570500	61°10'.54N 002°11'.26E	30	Operational	PS	24 hrs	JRCC South Norway Stavanger
			Fjaerland		61°25'.22N 006°45'.31E	15				
			Snorre, The North Sea		61°26'.75N 002°08'.64E	31				
			Kinn		61°33'.25N 004°45'.30E	52				
			Storåsen		61°35'.33N 005°01'.35E	34				
			Bremanger		61°50'.24N 004°59'.13E	74				
			Sagtennene		61°53'.24N 006°06'.30E	85				
			Måløyg, Raudeberg		61°59'.14N 005°09'.05E	38				
			Ljønibba (Hellesylt)		62°05'.01N 006°53'.29E	40				
			Geiranger-2		62°07'.22N 007°11'.29E	57				
			Fosnavaag, Nerlandshorn		62°20'.57N 005°33'.11E	59				
			Hareid, Hjørunganes		62°21'.32N 006°07'.24E	19				
			Ålesund, Aksla		62°28'.34N 006°10'.45E	41				
			Ørskogfjellet		62°30'.57N 006°52'.20E	69				
			Brattvåg, Gamlemstveten		62°34'.31N 006°19'.07E	80				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Norway (cont.)		Molde		62°45'.10N 007°07'.58E	59				
			Tingvoll, Reinsfjell		62°55'.51N 007°55'.37E	84				
			Kristiansund, Varden		63°06'.57N 007°42'.45E	34				
			Littlefonni, Tjelbergodden		63°22'.48N 008°42'.55E	56				
			Stjørdal, Forbordsfjell		63°31'.37N 010°53'.16E	66				
			Mosvik, Skavlen		63°46'.19N 010°57'.03E	55				
			Ørland, Kopparen		63°48'.24N 009°44'.18E	64				
			Buholmråen, Yttervåg		64°17'.50N 010°17'.54E	34				
			Draugen, The North Sea		64°21'.15N 007°46'.81E	30				
			Namsos, Spillumsaksla		64°26'.32N 011°32'.16E	58				
			Rørvik, Falkhetta		64°52'.45N 011°13'.32E	43				
			Åsgard B, The North Sea		65°06'.61N 006°47'.36E	30				
			Heidrun, The North Sea		65°19'.45N 007°18'.96E	30				
		Main	Bodø Radio	002570700	67°16'.00N 014°23'.00E	-	Operational	PS	24 hrs	JRCC North Norway Bodø
		Monitor	Vega		65°39'.00N 011°49'.43E	75				
			Horva		66°00'.57N 012°49'.18E	57				
			Mo I Rana		66°12'.32N 013°44'.21E	71				
			Traenfjord		66°31'.46N 012°49'.14E	53				
			Meløy		66°51'.14N 013°38'.25E	50				
			Rønvikfjell, Bodø		67°18'.08N 014°26'.46E	41				
		Monitor	Fornesfjell	002570700	67°25'.51N 015°27'.18E	68	Operational	PS	24 hrs	JRCC North Norway Bodø
			Vaerøy		67°39'.50N 012°37'.27E	59				
			Steigen		67°49'.18N 015°02'.09E	77				
			Fredvang		68°05'.40N 013°10'.54E	21				
			Hagskaret		68°09'.39N 013°41'.58E	36				
			Kvalnes		68°21'.00N 013°57'.00E	40				
			Lødingen		68°24'.05N 015°58'.13E	13				
			Raften/Svolvaer		68°24'.10N 015°06'.51E	18				
			Veggen, Narvik		68°27'.46N 017°09'.58E	48				
			Storheia, Hadsel		68°32'.39N 014°52'.08E	61				
			Harstad		68°47'.54N 016°30'.55E	36				
			Stamnes		68°48'.42N 015°28'.48E	13				
			Myre, Vesterålen		68°56'.36N 015°01'.18E	30				
			Andenes		69°16'.42N 016°00'.29E	54				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Norway (cont.)		Kistefjell		69°17'.30N 018°07'.56E	85				
			Hillesøy		69°38'.31N 017°58'.24E	41				
			Tromsø		69°38'.49N 018°55'.19E	36				
			Tonsnes		69°43'.06N 019°07'.43E	47				
			Bjornøya		74°30'.12N 019°00'.60E	40				
			Isfjord (Svalbard)		78°03'.42N 013°36'.59E	23				
			Bjørndalen (Longyearbyen)		78°14'.30N 015°21'.10E	21				
			Kongsvegpasset (Svalbard)		78°44'.37N 013°31'.19E					
		Main	Vardø Radio	002570800	70°22'.00N 031°06'.00E	-	Operational	PS	24 hrs	JRCC North Norway Bodø
		Monitor	Kirkenes		69°45'.02N 030°07'.54E	44				
			Skjervøy, Stussnesfjell		70°01'.27N 020°58'.57E	37				
			Skjervøy, Trolltind		70°04'.34N 020°25'.50E	78				
			Varangefjord, Torsvarde		70°05'.50N 029°49'.06E	41	Operational	PS	24 hrs	JRCC North Norway Bodø
			Alta, Helligfjell		70°06'.47N 022°56'.02E	63				
			Karlsøy, Torsvåg		70°14'.35N 019°29'.49E	23				
			Domen (Vardø)		70°20'.08N 031°01'.57E	40				
			Tana, Algasvarre		70°28'.07N 028°14'.03E	65				
			Hammerfest, Tyven		70°38'.22N 023°41'.47E	57				
		Monitor	Hasvik, Fuglen	002570800	70°39'.20N 021°57'.49E	55	Operational	PS	24 hrs	JRCC North Norway Bodø
			Baatsfjord, Hamnefjell		70°40'.10N 029°42'.39E	49				
			Berlevåg, Berlevågfjell		70°51'.47N 029°04'.34E	40				
			Lebesby, Oksen		70°57'.54N 020°20'.59E	51				
			Nordkapp, Honningsvåg		70°59'.05N 025°53'.59E	56				
			Havøysund, Havøygavlen		71°00'.16N 024°35'.45E	49				
			Mehamn, Trollhetta		71°02'.49N 028°06'.41E	49				
	Poland	Monitor	Swinoujście	002610210	53˚55'02"N 14˚15'29"E	24	Operational	SD	24h	RCC Gdynia
		Monitor	Grzywacz-Polana		53˚57'13"N 14˚30'10'E	37				
		Monitor	Kołowo		53˚20'03"N 14˚40'37"E	42				
		Monitor	Kołobrzeg		54˚10'33"N 15˚33'26"E	27				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Poland (cont.)	Main	WITOWO RADIO		Jarosławiec (Rx) 54˚32'33"N 15˚33'26"E Barzowice (Tx) 54˚28'25"N 16˚30'19"E	31				
		Monitor	Rowokół		54˚39'22"N 16˚30'19"E	35				
		Monitor	Rozewie		54˚49'52"N 18˚20'02"E	26				
		Monitor	Oksywie		54˚32'48"N 18˚32'14"E	31				
		Monitor	Krynica Morska		54˚23'13"N 19˚27'12"E	27				
	Russian Federation	Main	Saint-Petersburg	002733700	59°52'.67N 030°13'.01E	27	Operational	SD	24 hrs	MRCC St. Petersburg
		Monitor	Primorsk		60°20'.00N 028°43'.00E	30				
			Vysotsk		60°35'.00N 028°33'.00E	35				
			Gorki		59°48'.00N 028°30'.00E	35				
			Gogland		60°01'.00N 027°00'.00E	20[1]				
		Main	Kaliningrad	002734417	54°53'.00N 019°56'.00E	28.6	Operational	SD	24 hrs	MRCC Kaliningrad
	Sweden	Main	Göteborg	002653000	-	-	Operational	SD	24 hrs	JRCC Sweden
		Monitor	Kalix		65°56'.16N 023°30'.60E	44				
			Luleå		65°36'.19N 022°08'.49E	31				
			Skellefteå		64°46'.26N 020°57'.09E	49				
			Umeå		63°50'.25N 019°49'.22E	60				
			Mjällom		62°59'.08N 018°23'.45E	49				
			Härnösand		62°36'.40N 017°57'.53E	42				
			Sundsvall		62°24'.07N 017°28'.17E	41				
			Hudiksvall		61°42'.25N 016°51'.20E	60				
			Gävle		60°37'.50N 017°07'.45E	43				
			Östhammar		60°15'.48N 018°04'.21E	49				
			Väddö		59°58'.05N 018°50'.25E	36				
			Svenska Högarna		59°26'.34N 019°30'.08E	21				
			Nacka Västerås		59°17'.52N 018°10'.22E 59°38'.37N 016°24'.02E	50 45				

[1] With the exception of the sector limited with the lines beginning from 60°01'.00N 027°00'.00E till 60°06'.00N 026°53'.00E and 60°09'.00N 027°13'.00E, accordingly.

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	Sweden (cont.)		Södertälje		59°13'.25N 017°37'.14E	34				
			Torö		58°49'.15N 017°50'.39E	31				
			Norrköping		58°40'.36N 016°28'.02E	48				
			Gotska Sandön		58°22'.18N 019°14'.17E	27				
			Fårö		N.I.	30				
			Visby		57°35'.33N 018°22'.23E	44				
			Hoburgen		N.I.	31				
			Västervik		57°43'.16N 016°25'.33E	50				
			Kalmar		56°40'.58N 016°33'.52E	34				
			Ölands södra udde		N.I.	28				
			Karlskrona		56°10'.27N 015°36'.05E	98				
			Kivik		55°40'.05N 014°09'.29E	44				
			Hörby		55°48'.22N 013°43'.15E	54				
			Helsingborg		56°03'.12N 012°42'.29E	32				
			Halmstad		56°47'.24N 012°56'.17E	57				
			Grimenton		57°06'.31N 012°23'.25E	42				
			Göteborg		57°41'.39N 012°03'.31E	50				
			Uddevalla		58°22'.27N 011°49'.17E	51				
			Strömstad		58°55'.38N 011°10'.32E	30				
			Trollhättan		58°17'.22N 012°16'.38E	36				
			Bäckefors		58°49'.21N 012°12'.01E	53				
			Karlstad		59°23'.31N 013°23'.00E	37				
		Monitor	Motala	002653000	58°35'.19N 015°05'.46E	45	Operational	SD	24 hrs	JRCC Sweden
			Jönköping		57°46'.14N 014°14'.51E	49				
	United Kingdom	Main	Falmouth	002320014	50°08'.00N 005°07'.00W	26	Operational	SD	24 hrs	MRCC Falmouth
		Monitor	Lizard		49°59'.00N 005°12'.00W	27				
			Scillies		49°55'.96N 006°18'.32W	26				
			Lands End		50°08'.17N 005°38'.19W	44				
			St. Ives		50°13'.09N 005°28'.60W	19				
			Trevose Head		50°32'.91N 005°01'.97W	30				
			Bude		50°49'.00N 004°33'.00W	20				
		Main	Brixham	002320013	-	-	Operational	SD	24 hrs	MRSC Brixham
		Monitor	Rame Head		50°19'.02N 004°13'.17W	30				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	United Kingdom (cont.)		East Prawle		50°13'.13N 003°42'.53W	34				
			Dartmouth		50°21'.00N 003°35'.00W	31				
			Berry Head		50°23'.97N 003°29'.04W	27				
		Main	Portland	002320012	-	-	Operational	SD	24 hrs	MRSC Portland
		Monitor	Grove		50°32'.93N 002°25'.19W	33				
			Bincleaves		50°36'.08N 002°27'.09W	16				
			Hengistbury Head		50°43'.00N 001°46'.00W	21				
			Beer Head		50°41'.17N 003°05'.77W	35				
		Main	Solent	002320011	-	-	Operational	SD	24 hrs	MRSC Solent
		Monitor	Boniface Down – Tx site		50°36'.00N 001°12'.00W	44				
			Stenbury Down – Rx site		50°37'.00N 001°14'.00W	44				
			Selsey Bill		50°43'.85N 000°48'.13W	19				
			Newhaven		50°46'.94N 000°03'.02E	27				
		Main	Dover – Rx site	002320010	51°08'.00N 001°20'.62E	33	Operational	SD	24 hrs	MRCC Dover
		Monitor	West Hougham–Dover Tx site		51°06'.69N 001°14'.86E	45				
			Fairlight		50°52'.23N 000°38'.74E	34				
			North Foreland		51°22'.49N 001°26'.71E	25				
		Main	Thames	002320009	51°52'.00N 001°16'.00E	18	Operational	SD	24 hrs	MRCC Thames
		Monitor	Shoeburyness		51°31'.29N 000°47'.13E	17				
			Bradwell		51°44'.00N 000°53'.04E	16				
			Bawdsey		52°00'.00N 001°25'.00E	24				
		Main	Yarmouth	002320008	52°36'.00N 001°42'.00E	20	Operational	SD	24 hrs	MRCC Yarmouth
		Monitor	Lowestoft		52°28'.99N 001°45'.03E	19				
			Trimingham		52°54'.56N 001°20'.60E	30				
			Langham		52°57'.00N 000°57'.00E	24				
		Monitor	Skegness	002320008	53°09'.00N 000°21'.00E	18	Operational	SD	24 hrs	MRCC Yarmouth
			Trusthorpe		53°19'.79N 000°16'.51E	23				
		Main	Humber	002320007	-	-	Operational	SD	24 hrs	MRSC Humber
		Monitor	Easington		53°39'.00N 000°06'.00E	25				
			Flamborourgh		54°07'.08N 000°05'.10W	26				
			Whitby		54°29'.38N 000°36'.33W	30				
		Main	Tyne Tees	002320006	55°01'.09N 001°24'.99W	24	Operational	SD	24 hrs	MRSC Tyne Tees
		Monitor	Hartlepool		54°41'.80N 001°10'.53W	19				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	United Kingdom (cont.)		Newton		55°31'.05N 001°37'.20W	24				
		Main	Forth	002320005	56°16'.74N 002°35'.24W	21	Operational	SD	24 hrs	MRSC Forth
		Monitor	St. Abbs		55°54'.48N 002°12'.29W	42				
			Craigkelly		56°04'.00N 003°14'.00W	49				
			Inverbervie		56°51'.08N 002°15'.76W	37				
		Main	Aberdeen	002320004	-	-	Operational	SD	24 hrs	MRCC Aberdeen
		Monitor	Greg Ness		57°07'.64N 002°03'.23W	25				
			Peterhead		57°30'.59N 001°46'.46W	19				
			Windy Head		57°38'.92N 002°14'.57W	45				
			Banff		57°38'.00N 002°31'.00W	33				
			Thrumster		58°23'.66N 003°07'.34W	39				
			Rosemarkie		57°38'.00N 004°04'.41W	43				
			Foyers		57°14'.00N 004°31'.00W	44				
			Noss Head		58°28'.74N 003°02'.98W	22				
			Dunnet Head		58°40'.28N 003°22'.57W	30				
			Ben Tongue		58°30'.00N 004°24'.00W	50				
			Durness		58°34'.00N 004°44'.00W	26				
		Main	Shetland	002320001	60°08'.92N 001°07'.97W	26	Operational	SD	24 hrs	MRSC Shetland
		Monitor	Widefor Hill		58°59'.29N 003°01'.30W	44				
			Compass Head		59°52'.00N 001°16'.38W	33				
			Fitfull Head		59°54'.35N 001°22'.99W	47				
			Collafirth Hill		60°32'.00N 001°23'.00W	46				
			Saxa Vord		60°50'.00N 000°50'.00W	44				
		Main	Stornoway	002320024	-	-	Operational	SD	24 hrs	MRSC Stornoway
		Monitor	Butt of Lewis		58°27'.87N 006°14'.10W	24				
			Forsnaval		58°12'.81N 007°00'.00W	44				
			Port Naguran		58°15'.00N 006°10'.00W	23				
		Monitor	Rodel	002320024	57°45'.00N 006°57'.00W	29	Operational	SD	24 hrs	MRSC Stornoway
			Clettraval		57°37'.00N 007°27'.00W	37				
			Scoval		57°27'.00N 006°42'.00W	48				
			Skriaig		57°23'.00N 006°14'.00W	57				
			Barra		57°00'.75N 007°30'.00W	30				
			Melvaig		57°51'.00N 005°47'.00W	48				
			Arisaig		56°55'.00N 005°50'.00W	35				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	United Kingdom (cont.)	Main	Clyde	002320022	55°57'.70N 004°47'.72W	20	Operational	SD	24 hrs	MRCC Clyde
		Monitor	Pulpitt Hill		56°19'.00N 005°21'.00W	35				
			Torosay		56°27'.00N 005°44'.00W	58				
			Glengorm		56°38'.00N 006°08'.00W	47				
			Tiree		56°30'.00N 006°57'.00W	35				
			Cairn Pat		54°51'.12N 005°05'.31W	35				
			Law Hill		55°41'.76N 004°50'.52W	41				
			Rhu Stafnish		55°22'.00N 005°32'.00W	44				
			Kilchiaran		55°45'.90N 006°27'.25W	37				
			South Knapdale		55°55'.00N 005°28'.00W	62				
		Main	Belfast	002320021	-	-	Operational	SD	24 hrs	MRSC Belfast
		Monitor	Orlock Head		54°40'.47N 005°35'.04W	23				
			Slieve Martin		54°06'.00N 006°10'.00W	61				
			Black Mountain		54°35'.27N 006°01'.14W	62				
			West Torr		55°11'.88N 006°05'.64W	33				
			Limavady		55°06'.54N 006°53'.17W	53				
		Main	Liverpool	002320019	53°29'.80N 003°03'.42W	17	Operational	SD	24 hrs	MRSC Liverpool
		Monitor	Blackpool Tower		53°48'.96N 003°03'.32W	37				
			Walney Lighthouse		54°02'.92N 003°10'.63W	16				
			Snaefell		54°15'.83N 004°27'.68W	70				
			Spanish Head		54°04'.01N 004°45'.85W	37				
			Caldbeck		54°44'.00N 003°03'.00W	65				
		Main	Holyhead	002320018	53°19'.00N 004°38'.00W	17	Operational	SD	24 hrs	MRSC Holyhead
		Monitor	Rhiw		52°50'.00N 004°38'.00W	51				
			South Stack		53°18'.38N 004°42'.00W	38				
			Great Orme		53°20'.00N 003°51'.21W	43				
		Main	Milford Haven	002320017	-	-	Operational	SD	24 hrs	MRSC Milford Haven
		Monitor	Tenby		51°41'.66N 004°41'.27W	29				
			St. Ann's Head		51°40'.87N 005°10'.43W	33				
			Dinas Head		52°00'.00N 004°54'.00W	43				
			Blaenplwyf		52°21'.58N 004°06'.14W	50				
		Main	Swansea	002320016	-	-	Operational	SD	24 hrs	MRCC Swansea
		Monitor	Gower		51°34'.00N 004°17'.00W	27				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I (cont.)	United Kingdom (cont.)		Mumbles Hill		51°34'.00N 003°59'.00W	29				
			St. Hilary		51°27'.43N 003°24'.15W	50				
			Severn Bridge		51°37'.00N 002°39'.00W	33				
			Combe Martin		51°10'.00N 004°03'.00W	47				
			Ilfracombe		51°12'.95N 004°05'.07W	27				
			Hartland Point		51°01'.21N 004°31'.37W	35				
	Associate Member of IMO Faroes (Denmark)	Main	Torshavnradio	002311000			Operational	PS	24hrs	MRCC Torshavn
		Monitor	Sornfelli		62°04'.09N 006°58'.05W	74				
			Hesturin		61°25'.42N 006°45'.29W	58				
			Klubbin		62°20'.38N 006°19'.32W	69				
			Mykines		62°06'.28N 007°35'.18W	64				
			Stoolafjall		62°10'.22N 006°44'.75W	64				
			Halsurin		62°13'.53N 006°36'.82W	45				
			Slaettafjall		62°20'.01N 006°47'.44W	50				
			Eioiskollur		62°18'.91N 007°06'.27W	53				
II	Congo	Main	Pointe Noire Radio		N.I.	N.I.	Planned [N. I.]	N. I.	N. I.	
	Côte d'Ivoire	Main	Abidjan Radio	006191000	05° 19'.34N 004° 01'.02W	50	Operational	PS	24 hrs	MRCC Abidjan
		Monitor	Kouakro		05° 15'.46N 003° 29'.26W					
			Grand Lahou		05° 15'.46N 005° 00'.39W					
			Sassandra		04° 57'.07N 006° 05'.30W					
			San Pedro		04° 44'.20N 006° 37'.30W					
			Tabou		04° 24'.42N 007° 21'.44W					
			Marcory		05° 21'.42N 003° 57'.48W					
	Democratic Republic of the Congo	Main	Banana Radio		N.I.	N.I.	Planned [N. I.]	N. I.	N. I.	
		Monitor	Boma Radio		N.I.	N.I.				
			Botadi Radio		N.I.	N.I.				
	Equatorial Guinea	Main	Malabo Radio		N.I.	N.I.	Planned [N. I.]	N. I.	N. I.	
	France	Main	MRCC Etel	002275000	47°39'.73N 003°12'.11W	26	Operational	SD	24 hrs	MRCC Etel
		Monitor	Pen March		47°47'.89N 004°22'.36W	22				
			Groix		47°39'.14N 003°30'.08W	24				
			Belle Ile		47°19'.00N 003°14'.00W	27				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
II (cont.)	France (cont.)		Kerrouault		47°26'.99N 002°29'.69W	33				
			Armandeche		46°42'.00N 001°55'.00W	20				
			Ile D'Yeu		46°43'.03N 002°22'.88W	23				
			Soulac		45°32'.00N 001°06'.00W	24				
			Chassiron		46°02'.81N 001°24'.52W	21				
			Cap Ferret		44°37'.80N 001°15'.02W	22				
			Contis		43°48'.00N 001°18'.00W	23				
			Hourtin		45°08'.54N 001°09'.57W	23				
			Biarritz		43°31'.89N 001°31'.99W	25				
	Gambia	Main	Banjul Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Ghana	Main	Tema Radio	006270000	-	-	Operational	N. I.	24 hrs	Harbour Master's Office, Accra
		Monitor	Winneba		05°21'.00N 000°37'.00W	60				
			Aflao		06°07'.00N 001°11'.00E	60				
			Tema		05°38'.00N 000°00'.00E	60				
			Cape Coast		05°07'.00N 001°15'.00W	60				
			Half Assini		05°03'.00N 002°53'.00W	60				
			Takoradi		04°54'.00N 001°45'.00W	60				
			Axim		04°52'.00N 002°14'.00W	60				
			Ada Radio		05°46'.83N 000°37'.13E	60				
	Guinea	Main	Kamsar Radio		-	-	Planned [N. I.]	N. I.	N. I.	
		Monitor	Conakry Radio		N. I.	N. I.				
	Guinea-Bissau	Main	Bissau Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Israel		Haifa	004280001	32°44'.5 N 035°01'.5 E	70	Operational	SD	24 hrs	RCC Haifa
			Haifa	004280002	31°48'.15N 034°38'.13E	35				
	Liberia	Main	Monrovia Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Mauritania	Main	Nouadhibou Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
		Main	Nouakchott Radio		N. I.	N. I.				
	Portugal	Main	Lisboa	TBD	38°41'.00N 009°19'.00W	30	Planned [N. I.]	SD	24 hrs	MRCC Lisboa
		Main	Funchal		32°38'.00N 016°54'.00W	50				MRCC Funchal
		Main	Delgada		37°44'.00N 025°40'.00W	50				MRCC Delgada
	Sao Tome and Principe	Main	Radio Naval		N. I.	N. I.	Planned [N. I.]	N. I.		
		Main	Radio Principe		N. I.	N. I.				
	Senegal	Main	MRCC Dakaro	006630005	14°39'.00N 017°28'.00W	30	Operational	SD	24 hrs	MRCC Dakar
		Monitor	Saint Louis	006630002	16°02'.09N 016°30'.02W	30				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
II (cont.)	Senegal (cont.)		Fass Boye	006630003	15°15'.09N 016°50'.09W	30				
			Cayar	006630004	14°54'.07N 017°07'.4 W	30				
			Joal	006630007	14°09'.2 N 016°49'.09W	30				
			Kafountine	006630006	12°55'.56N 016°45'.12W	30	Planned 2010			
			Cap Skirring	006630008	12°23'.10N 016°44'.6 W	30				
	Sierra Leone	Main	Wilberfree Hill Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Spain	Main	Bilbao CCR	002241021	43°16'.30N 003°02'.12W	35	Operational	SD	24 hrs	MRCC Bilbao
		Monitor	Navia		43°25'.22N 006°50'.26W	35				
			Cabo Peñas		43°26'.05N 005°35'.24W	35				
			Santander		43°25'.28N 003°36'.15W	35				
			Pasajes		43°17'.26N 001°55'.17W	35				
		Main	Coruña CCR	002241022	43°10'.15N 008°17'.33W	35	Operational	SD	24 hrs	MRSC Coruña
		Monitor	Cabo Ortegal		43°35'.08N 007°47'.29W	35				MRCC Finisterre
			Finisterre		42°55'.28N 009°17'.29W	35				
			Vigo		42°10'.30N 008°41'.05W	35				MRSC Vigo
			La Guardia		41°53'.17N 008°52'.15W	35				MRCC Finisterre
		Main	Málaga CCR	002241023	36°36'.15N 004°35'.44W	35	Operational	SD	24 hrs	MRCC Tarifa
		Monitor	Tarifa		36°03'.30N 005°33'.00W	35				
			Cádiz		36°21'.24N 006°17'.07W	35				MRSC Cádiz
			Huelva		37°13'.20N 007°06'.43W[1] 37°20'.48N 006°56'.44W[2]	35				MRSC Huelva
		Main	Tenerife CCR	002241025	28°26'.55N 016°22'.42W	35	Operational	SD	24 hrs	MRCC Tenerife
		Monitor	Arrecife		29°07'.46N 013°31'.20W	35				MRCC Las Palmas
			Fuerteventura		28°32'.69N 013°55'.12W	35				
			Las Palmas		27°57'.50N 015°33'.30W	35				
			Gomera		28°05'.40N 017°06'.15W	35				
		Monitor	Hierro	002241025	27°48'.25N 017°54'.55W	35				MRCC Tenerife
			La Palma		28°38'.59N 017°49'.43W	35				
	Togo	Main	Cacavelli Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
		Monitor	Aneho Radio		N. I.	N. I.				
III	Algeria	Main	Alger	006052110	36°44'.00N 003°10'.00E	50	Operational		24 hrs	CNOSS Alger
		Monitor	Cherchell	006052111	36°36'.00N 002°12'.00E	50			Remote	
		Main	Tenes	006052113	36°29'.00N 001°23'.00E	50			08h – 18 h	
		Monitor	Dellys	006054112	36°55'.00N 003°53'.00E	50			Remote	
		Main	Oran	006054117	35°42'.00N 000°38'.00W	50			24 hrs	CROSS Oran

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Algeria (cont.)	Monitor	Mostaganem	006054118	35°56'.00N 000°06'.00E	50			Remote	
		Main	Ghazaouet	006054119	35°06'.00N 001°51'.00W	50			08h – 18h	
		Main	Annaba	006053814	36°54'.00N 007°45'.00E	50			24 hrs	CROSS Jijel
		Main	Bejaia	006053815	36°45'.00N 005°04'.00E	50			08h – 18h	
		Main	Skikda	006053816	36°52'.00N 006°54'.00E	50			08h – 18h	
	Azerbaijan	Main	Baku (Caspian Sea)	004231000	40°21'.21N 049°49'.87E	Under testing 21	Operational	SD	24 hrs	Azerbaidjan LRIT NC
		Monitor	Chilov		40°19'.63N 050°36'.73E	Under testing 22	Operational			
			Yalama		41°50'.15N 048°35'.57E	-	Planned 2013			
			Siyazan		41°04'.37N 048°54'.10E	-				
			Alyat		39°56'.80N 049°24'.72E	-				
			Neftchala		39°17'.70N 049°14'.28E	-				
			Kurdashi		38°58'.59N 049°08'.13E	-				
			Lenkoran		38°45'.19N 048°51'.37E	-				
			Astara		38°31'.12N 048°52'.39E	-				
	Bulgaria	Main	Varna Radio	002070810	43°15'.84N 027°57'.60E	53	Operational	PS	24 hrs	MRCC Varna
		Monitor	Kaliakra	002070812	43°22'.79N 028°28'.12E	30				
			Emine	002070815	42°43'.13N 027°52'.81E	48				
			Burgas	002070816	42°29'.36N 027°28'.53E	23				
			Peak Kitka	002070817	42°18'.46N 027°45'.50E	44				
	Croatia	Main	Split Radio	002380100	43°30'.00N 016°28'.00E	70	Operational	PS	24 hrs	MRCC Rijeka
		Monitor	Savudrija		45°29'.40N 013°29'.50E	30				
			Ucka		45°17'.00N 014°12'.00E	90				
			Kamenjak		44°46'.00N 014°47'.00E	50				
			Susak		44°31'.00N 014°18'.20E	50				
			Celavac		44°15'.60N 015°47'.40E	80				
			Ugljan		44°04'.30N 015°09'.80E	40				
			Labistica		43°34'.00N 016°13'.00E	80				
			Vidova Gora		43°17'.00N 016°37'.00E	50				
			Hum (Vis island)		43°01'.50N 016°07'.00E	70				
			Uljerje		42°54'.00N 017°29'.00E	70				
			Srd		42°39'.01N 018°06'.64E	50				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Croatia (cont.)		Hum (Lastovo island)		42°45'.10N 016°51'.90E	40				
		Main	Rijeka Radio	002380200	45°20'.00N 014°25'.50E	30	Operational	PS	24 hrs	MRCC Rijeka
		Main	Dubrovnik Radio	002380300	42°38'.90N 018°04'.90E	30	Operational	PS	24 hrs	MRCC Rijeka
		Main	MRCC Rijeka	002387010	45°19'.00N 014°27'.00E	15	Operational	SD	24 hrs	MRCC Rijeka
				002387020						
		Main	MRSC Zadar	002387400	44°07'.00N 015°13'.50E	7	Operational	SD	24 hrs	MRCC Zadar
				002387401						
		Main	MRSC Sibenik	002387500	43°43'.80N 015°53'.80E	7	Operational	SD	24 hrs	MRSC Sibenik
				002387501						
		Main	Split	002387040	43°30'.40N 016°26'.60E	10	Operational	SD	24 hrs	MRSC Split
				002387030						
		Main	Ploče	002383350	43°03'.00N 017°26'.00E	15	Operational	SD	24 hrs	MRSC Ploče
		Main	Dubrovnik	002387800	42°39'.50N 018°05'.40E	15	Operational	SD	24 hrs	MRSC Durbrovnik
	Cyprus	Main	Cyprus Radio	002091000	-	-	Operational	PS	24 hrs	JRCC Larnaca
		Monitor	Pissouri		34°39'.04N 032°41'.44E	50				
			Olympus		34°56'.25N 032°51'.38E	120				
			Kionia		34°55'.14N 033°11'.32E	100				
	Egypt	Main	Alexandria Radio	006221111	31°12'.00N 029°54'.00E	22.7	Operational	PS	24 hrs	RCC Cairo
		Monitor	Marsa Matrouth		31°21'.00N 027°14'.00E	22.7				
			Ras-Alhkima		31°07'.00N 027°49'.00E	24.8				
			Al-Dabaa		31°02'.00N 028°26'.00E	27.5				
			Al-Alamein		30°51'.00N 028°56'.00E	24.8				
			Sidi-Kerir		31°01'.00N 029°38'.00E	24.8				
			Bourg-Rashid		31°27'.00N 030°22'.00E	27				
			Baltim		31°33'.00N 031°05'.00E	27				
		Main	Port Said Radio	006221113	31°15'.00N 032°19'.00E	21.1	Operational	PS	24 hrs	RCC Cairo
		Monitor	Ras El Barr		31°30'.00N 031°50'.00E	27				
			Beir Al Abd		31°01'.00N 033°00'.00E	27				
			Alarish		31°07'.00N 033°48'.00E	27				
			Ismailia		30°36'.00N 032°16'.00E	24.3				
			Suez		29°58'.00N 032°33'.00E	21.6				
			Zhafarana		29°07'.00N 032°39'.00E	27				
	France	Main	MRCC La Garde	002275400	43°06'.29N 005°59'.40E		Planned	SD	24 hrs	MRCC La Garde
		Monitor	Bear		42°31'.10N 003°08'.50E		Planned			
			Pic Neulos		42°29'.00N 002°57'.00E	79	Operational			
			Mont St Loup		43°17'.00N 003°30'.10E		Planned			

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	France (cont.)		Espiguette		43°29'.00N 004°08'.00E	15	Operational			
			La Gatasse		43°21'.64N 005°03'.49E		Planned			
		Monitor	Planier	002275400	43°11'.92N 005°13'.85E	21	Operational	SD	24 hrs	MRCC La Garde
			Bec de l'Aigle		43°10'.51N 005°34'.45E		Planned			
			Coudon		43°10'.00N 006°10'.00E	60	Operational			
			La Garoupe		43°33'.86N 007°07'.96E		Planned			
			Cap Camarat		43°12'.06N 006°40'.48E		Planned			
			Pic de l'Ours		43°28'.00N 006°54'.00E	52	Operational			
		Main	Aspretto	002275420	41°55'.37N 008°45'.80E		Planned	SD	24 hrs	MRCC La Garde, MRSC Corse
		Monitor	Ersa		42°58'.15N 009°22'.79E	54	Operational			
			Serra Di Pigno		42°41'.67N 009°23'.98E	70				
			Piana		42°14'.28N 008°37'.30E	58				
			Punta		41°57'.22N 008°41'.98E	63				
			Serragia		41°30'.90N 008°58'.68E	48				
			Conca		41°44'.30N 009°23'.26E	45				
	Georgia	Main	MRCC Georgia	002130100	41°38'.70N 041°39'.00E	25	Operational	SD	24 hrs	MRCC Georgia
			Batumi, Harbour Master	002130200	41°39'.03N 041°39'.34E	25	Planned			
			Poti, Harbour Master	002130300	42°09'.14N 041°39'.11E	25	Operational			RSC Poti
	Greece	Main	Olympia Radio	002371000	38°01'.00N 023°50'.00E	-	Operational	PS	24 hrs	JRCC Piraeus
		Monitor	Gerania		38°00'.00N 023°20'.00E	98				
			Poros/Darditsa		37°30'.00N 023°27'.00E	73				
			Thasos		40°47'.00N 024°43'.00E	90				
			Sfendami		40°25'.00N 022°31'.00E	41				
			Thira		36°25'.00N 025°26'.00E	66				
			Khios		38°23'.00N 026°03'.00E	78				
			Kefallinia		38°08'.00N 020°40'.00E	107				
			Kerkyra		39°45'.00N 019°52'.00E	82				
			Kithira		36°09'.00N 022°59'.00E	52				
			Limnos		39°52'.00N 025°04'.00E	59				
			Sitia (Mare)		35°12'.00N 026°06'.00E	75				
			Mytilini		39°04'.00N 026°21'.00E	84				
			Parnis		38°10'.00N 023°44'.00E	98				
			Petalidi		36°56'.00N 021°52'.00E	83				
			Pilio		39°22'.00N 022°57'.00E	104				
			Rodos		36°16'.00N 027°56'.00E	78				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Greece (cont.)		Syros		37°27'.00N 024°56'.00E	57				
			Knossos		35°17'.00N 024°53'.00E	87				
			Patmos		37°18'.00N 026°32'.00E	46				
		Monitor	Moustakos	002371000	35°18'.00N 023°37'.00E	84	Operational	PS	24 hrs	JRCC Piraeus
			Tsoukalas		40°23'.00N 023°28'.00E	68				
			Faistos		35°00'.00N 025°12'.00E	84				
			Astypalea		36°36'.00N 028°26'.00E	59				
			Karpathos		35°28'.00N 027°10'.00E	66				
			Brochas Kritis		35°19'.00N 025°44'.00E	65				
			Lichada		38°52'.00N 022°53'.00E	60				
			Skiros		38°50'.00N 024°30'.00E	68				
			Andros		37°56'.00N 024°46'.00E	55				
			Milos		36°41'.00N 024°23'.00E	78				
	Iran (Islamic Republic of)	Main	Nowshahr Radio (Caspian Sea)	004225600	36°39'.05N 051°30'.05E	30	Operational	PS	24 hrs	
		Main	Anzal Radio (Caspian Sea)	004225500	37°28'.06N 049°27'.06E	30				
		Main	Amir Abad Radio (Caspian Sea)	004225601	36°51'.04N 048°17'.00E	30				
		Main	Neka Radio (Caspian Sea)	004224602	36°50'.32N 053°16'.17E	30				
			Kiyashahr (Remotely control from Anzali Radio) (Caspian Sea)	004225500	37°26'.38N 049°57'.08E	30				
	Israel		RCC Haifa	004280001	32°48'.01N 035°00'.00E	64	Operational	SD	24 hrs	RCC Haifa
			RCC Haifa	004280002	31°28'.01N 034°38'.00E	30	Operational	SD	24 hrs	RCC Haifa
	Italy	Main	Rome	002470001	-	-	Operational	PS	24 hrs	
		Monitor	Conconello		45°40'.00N 013°47'.00E	53				MRSC Trieste
			Piancavallo		46°05'.00N 012°32'.00E	70				
			Monte Cero		45°15'.00N 011°40'.00E	58				MRSC Venezia
			Ravenna Bassette		44°24'.00N 012°12'.00E	20				MRSC Ravenna
			Forte Garibaldi		43°36'.00N 013°31'.00E	39				MRSC Ancona
			Monte Conero		43°33'.00N 013°26'.00E	64				
			Monte Secco		42°58'.00N 013°52'.00E	39				
			Silvi Paese		42°33'.00N 014°05'.00E	44				
			Porto Cervo Eliporto		41°08'.00N 009°32'.00E	24				MRSC Cagliari
			Monte Moro		41°06'.00N 009°30'.00E	57				
			Monte Limbara		40°51'.00N 009°10'.00E	70				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Italy (cont.)		Osilo		40°44'.00N 008°40'.00E	70				
			Campu Spina		39°22'.00N 008°34'.00E	70				
			Margine Rosso		39°13'.00N 009°14'.00E	22				
			Monte Serpeddi		39°22'.00N 009°17'.00E	70				
			Badde Urbara		40°09'.00N 008°37'.00E	70				
			Monte Tului		40°15'.00N 009°35'.00E	70				
		Monitor	Monte Paradiso	002470001	42°05'.00N 011°51'.00E	52	Operational	PS	24 hrs	MRSC Roma
			Monte Cavo		41°45'.00N 012°42'.00E	70				
			Formia Ascatiello		41°15'.00N 013°36'.00E	30				
			Monte Argentario		42°23'.00N 011°10'.00E	70				MRSC Livorno
			Gorgona		43°25'.25N 009°53'.83E	47				MRSC Livorno
			Monte Nero		43°29'.00N 010°21'.00E	51				
			Zoagli		44°19'.00N 009°18'.00E	38				MRSC Genova
			Castellaccio		44°25'.00N 008°56'.00E	53				
			Monte Bignone		43°52'.00N 007°43'.00E	70				
		Main	Palermo	002470002	-	-	Operational	PS	24 hrs	
		Monitor	Monte Calvario		42°04'.00N 014°39'.00E	52				MRSC Ancona
			Abbate Argento		40°52'.00N 017°17'.00E	54				MRSC Bari
			Monte Parano		40°26'.00N 017°25'.00E	35				
			Monte Sardo		39°52'.00N 018°20'.00E	39				
			Casa D'orso		41°49'.00N 015°59'.00E	70				
			Capo Colonna		39°01'.00N 017°09'.00E	37				MRSC Reggio Calabria
			Punta Stilo		38°26'.83N 016°34'.68E	26				
			Capo dell'Armi		36°57'.35N 015°40'.82E	30				
			Serra del Tuono		40°02'.00N 015°42'.00E	70				
			M. Titolo		40°00'.00N 016°35'.00E	55				
			M. Mancuso		39°00'.00N 016°13'.00E	70				
			Ustica		38°42'.00N 013°10'.00E	43				MRSC Palermo
			Monte Erice		38°02'.14N 012°35'.45E	70				
			Pantelleria		36°46'.00N 012°01'.00E	70				
			Lampedusa		35°31'.00N 012°33'.00E	27				
			M. San Calogero		37°31'.00N 013°07'.00E	54				
			Gela C.po Soprano		37°04'.00N 014°14'.00E	25				
			M. Pellegrino		38°09'.00N 013°21'.00E	68				
			Cefalù		38°01'.00N 013°57'.00E	55				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Italy (cont.)		Siracusa Belvedere		37°05'.00N 015°12'.00E	42				MRSC Catania
			Augusta Campolato Alto		37°16'.00N 015°12'.00E	32				
			Forte Spuria		38°16'.00N 015°37'.00E	33				
			M. Lauro		37°06'.00N 014°49'.00E	70				
			Capri		40°33'.00N 014°15'.00E	50				MRSC Napoli
			Napoli Posillipo		40°48'.00N 014°11'.00E	36				
			Varco del Salice		40°17'.00N 015°02'.00E	69				
	Lebanon	Main	Beirut Radio	004501000	33°50'.00N 035°31'.00E	23	Operational	SD/PS	24 hrs	Lebanese Army
	Malta	Main	Malta Radio Luqa	002150100	35°51'.30N 014°29'.30E	50	Operational	SD	24 hrs	RCC Malta
	Republic of Montenegro	Main	Bar Radio	002620001	42°03'.15N 019°09'.20E	50	Operational	PS	24 hrs	MRCC - Bar
		Monitor	Obosnik	002620002	42°24'.32N 018°36'.54E	50				
	Romania	Main	Constanta Radio, Agigea	002640570	44°06'.18N 028°38'.00E	25	Operational	PS	24 hrs	Constanta Harbour's Master
		Monitor	Constanta Radio, Enisasla		44°51'.15N 028°52'.00E	44				
			Constanta Radio, Sfintu Gheorghe		44°54'.00N 029°36'.00E	21				
			Constanta Radio, Mahmudia		45°05'.00N 029°04'.00E	43				
			Constanta Radio, Sulina		45°09'.00N 029°46'.00E	23				
			Constanta Radio, Tuzla		43°59'.00N 028°40'.00E	27				
	Russian Federation	Main	Novorossiysk	002734411	44°41'.00N 037°47'.00E	26	Operational	SD	24 hrs	MRCC Novorossiysk
		Monitor	Doob		44°36'.00N 037°58'.00E	51				
			Anapa		44°50'.00N 037°21'.00E	52				
		Main	Sochi	002734411	43°32'.00N 039°51'.00E	71	Operational	SD	24 hrs	MRCC Novorossiysk
		Main	Tuapse	002734413	44°07'.00N 039°03'.00E	46.4	Operational	SD	24 hrs	MRCC Novorossiysk
		Main	Eisk	002734422	46°43'.00N 038°16'.00E	23	Operational	SD	24 hrs	MRSC Taman'
		Monitor	Kosa Dolgaya		46°40'.00N 037°45'.00E	25				
		Monitor	Primorsko-Akhtarsk		46°02'.00N 038°11'.00E	TBD	Under Trial			
		Main	Taganrog	002734487	47°12'.00N 038°57'.00E	19	Operational	SD	24 hrs	MRSC Taman'
		Main	Temryuk	002734411	45°19'.00N 037°13'.00E	28	Operational	SD	24 hrs	MRSC Taman'
		Main	Astrakhan (Caspian Sea)	002734419	46°19'.00N 047°58'.00E	22.5	Operational	SD	24 hrs	MRCC Astrakhan
		Monitor	Iskusstvennyi		45°23'.00N 047°47'.00E	25				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Russian Federation (cont.)	Main	Makhachkala (Caspian Sea)	002734423	42°59'.00N 047°30'.00E	23	Operational	SD	24 hrs	MRCC Astrakhan
	Slovenia	Main	MRCC Koper	002780200	45°33'.00N 013°44'.00E	85	Operational	SD	24 hrs	MRCC Koper
	Spain	Main	Málaga CCR	002241023	36°36'.15N 004°35'.44W	35	Operational	SD	24 hrs	MRCC Tarifa
		Monitor	Tarifa		36°03'.30N 005°33'.00W	35	Operational	SD	24 hrs	
			Motril		36°52'.40N 002°48'.04W	35				MRCC Almería
			Cabo Gata		36°45'.28N 002°10'.14W	35				
			Melilla		35°19'.00N 002°57'.00W	35				
		Main	Valencia	002241024	-	-	Operational	SD	24 hrs	MRCC Valencia
		Monitor	Bagur		41°56'.44N 003°13'.42E	35				MRCC Barcelona
			Barcelona		41°25'.05N 002°06'.57E	35				
			Tarragona		41°20'.43N 001°32'.25E	35				MRSC Tarragona
			Castellón		39°52'.16N 000°19'.27W	35				MRCC Valencia
			Cabo La Nao		38°43'.24N 000°09'.40E	35				MRCC Valencia
			Alicante		38°19'.39N 000°42'.00W	35				
			Cartagena		37°34'.52N 000°57'.53W	35				MRSC Cartagena
			Palma de Mallorca		39°44'.12N 002°42'.51E	35				MRCC Palma
			Ibiza		38°54'.33N 001°16'.27E	35				
			Menorca		39°59'.10N 004°06'.50E	35				
	Syria	Main	Lattakia Radio	-	35°32'.05N 035°46'.00E	50	Operational	PS	24 hrs	- - -
		Main	Tartous Radio	-	34°54'.05N 035°51'.05E	50				
	Turkey	Main	Samsun	002712000	-	50-70	Operational	PS	24 hrs	MSRCC Ankara
		Monitor	Yildiztepe R/L		41°05'.47N 037°01'.40E					
			Dikmen R/L		38°16'.09N 040°55'.30E					
			Akcaabat R/L		41°35'.44N 039°27'.06E					
			Pazar R/L		41°08'.56N 040°49'.07E					
			Dütmen R/L		41°26'.53N 035°28'.53E					
			Zonguldak R/L		41°23'.39N 031°49'.56E					
			Inebolu R/L		41°53'.27N 033°43'.06E					
		Main	Istanbul	002711000	-	50-70	Operational	PS	24 hrs	MSRCC Ankara
		Monitor	Akçakoca R/L		41°58'.32N 031°12'.25E					
			Keltepe TV		40°38'.36N 030°06'.03E					
			Camlica R/L		41°01'.51N 029°04'.15E					
			Sarköy R/L		40°41'.19N 027°10'.41E					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
III (cont.)	Turkey (cont.)		Mahyadag TV		41°47'.03N 027°37'.10E					
			Kayalidag TV		39°58'.02N 026°38'.10E					
			Akdag TV		38°33'.00N 026°30'.00E					
			Bandirma R/L		40°21'.11N 027°53'.41E					
			Ayvalik R/L		39°18'.29N 026°41'.26E					
		Main	Antalya	002713000	-	50-70	Operational	PS	24 hrs	MSRCC Ankara
		Monitor	Kazakin R/L		36°50'.15N 027°05'.45E					
			Dilektepe TV		37°31'.43N 027°15'.31E					
			Palamut R/L		36°45'.26N 028°13'.00E					
			Yumrutepe R/L		36°15'.13N 029°27'.28E					
			Markiz R/L		36°43'.00N 030°29'.00E					
		Monitor	Cobandede R/L	002713000	36°31'.11N 036°15'.20E	50-70	Operational	PS	24 hrs	MSRCC Ankara
			Bodrum R/L		37°04'.06N 027°26'.37E					
			Oren PTT		37°02'.21N 027°57'.19E					
			Anamur R/L		36°04'.54N 032°49'.47E					
	Ukraine	Main	Odesa	002723660	46°25'.04N 030°45'.60E	23	Operational	SD	24 hrs	MRCC Odesa
		Main	VTS Odesa	002723671	46°29'.46N 030°45'.51E	24				
		Main	Yuzhnyy	002723655	46°37'.00N 031°03'.00E	25	On trial			
		Main	VTS Illichivs'k	002723661	46°19'.25N 030°40'.70E	20	Operational			
		Main	Kerch	002723659	45°21'.00N 036°32'.00E	25				
		Main	Theodosia	002723663	45°01'.35N 035°23'.00E	35				
		Main	VTS Striletskiy	002723673	44°36'.70N 033°28'.56E	20				
		Main	Mariupol	002723650	47°03'.00N 037°30'.00E	20				
		Main	VTS Mariupol	002723670	47°03'.32N 037°30'.48E	22				
		Main	Berdiansk	002723672	46°45'.00N 036°46'.00E	17				
		Main	Sevastopol	N. I.	46°26'.34N 034°01'.39E	90	Planned [2005]	SD	24 hrs	MRCC Odesa
		Main	VTS Ochakiv	002723665	46°36'.06N 031°33'.10E	20	Operational			
		Main	VTS Rus'ka Beak	002723666	46°44'.85N 031°56'.20E	21				
IV	Bermuda (United Kingdom)	Main	Bermuda Harbour	003100001	32°23'.00N 064°41'.00W	30	Operational	SD	24 hrs	RCC Bermuda
	Canada	Main	Sydney MCTS	003160017	46°11'.00N 059°53'.00W	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Cape North		47°01'.00N 060°26'.00W	40				
			Kilkenny Lake		46°13'.00N 060°10'.00W	40				
			St. Columba		46°00'.00N 060°51'.00W	40				
			Cheticamp		46°35'.00N 061°00'.00W	40				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IV (cont.)	Canada (cont.)		Point Escuminac		47°04'.00N 064°48'.00W	40				
			North Cape		47°03'.00N 064°00'.00W	40				
			Cape Egmont		46°24'.00N 064°08'.00W	40				
			Montague		46°12'.00N 062°40'.00W	40				
		Main	Port aux Basques MCTS	003160018	- -	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Table Mountain		47°41'.14N 059°45'.32W	40				
			Pine Tree		48°36'.00N 058°40'.00W	40				
			Ramea Island		47°31'.00N 057°25'.00W	40				
			Point Riche		50°42'.00N 057°25'.00W	40				
			Bonne Bay		49°36'.00N 057°57'.00W	40				
			Mount Moriah		48°58'.00N 058°03'.00W	40				
		Main	Rivière-au-Renard MCTS	003160025	----	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Cap-aux-Meules		47°23'.00N 061°52'.00W	40				
			Forillon		48°50'.00N 064°16'.00W	40				
			Heath Point		49°05'.00N 061°42'.00W	40				
			Havre St. Pierre		50°16'.00N 063°41'.00W	40				
			Natashquan		50°09'.00N 061°48'.00W	40				
			La Romaine		50°13'.00N 060°41'.00W	40				
			Harrington Harbour		50°30'.00N 059°29'.00W	40				
			Carleton		48°08'.00N 066°07'.00W	40				
			Newport		48°14'.00N 064°48'.00W	40				
		Main	Placentia MCTS	003160019	----	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Fortune Head		47°04'.00N 055°51'.00W	40				
			St. Lawrence		46°55'.00N 055°23'.00W	40				
			Arnold's Cove		47°47'.00N 054°00'.00W	40				
			Freshwater Hill		47°16'.00N 053°59'.00W	40				
			Cuslett		46°58'.00N 054°09'.00W	40				
			Cape Pine		46°37'.00N 053°32'.00W	40				
			Bay L'Argent		47°32'.00N 054°52'.00W	40				
			Hermitage		47°34'.00N 055°57'.00W	40				
		Main	Halifax MCTS	003160016	-----	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Fox Island		45°20'.00N 061°05'.00W	40				
			Ecum Secum		44°58'.00N 062°09'.00W	40				
			Halifax		44°41'.05N 063°36'.58W	40				
			Sambro		44°28'.00N 063°37'.00W	40				
			Kingsburg		44°17'.00N 064°17'.00W	40				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IV (cont.)	Canada (cont.)	Main	Saint John MCTS	003160015	-----	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Saint John		45°14'.00N 065°59'.00W	40				
			Lockport		43°40'.00N 065°08'.00W	40				
			Yarmouth		43°45'.00N 066°07'.00W	40				
			Tiverton		44°24'.00N 066°14'.00W	40				
			Grand Manan		44°36'.00N 066°54'.00W	40				
			Cape Blomidon		45°14'.00N 064°24'.00W	40				
			Scotch Mountain		45°46'.00N 065°48'.00W	40				
		Main	St. John's MCTS	003160020	47°36'.00N 052°40'.00W	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Saint John		45°14'.00N 065°59'.00W	40				
			Victoria		47°50'.00N 053°18'.00W	40				
			Cape Bonavista		48°42'.00N 053°17'.00W	40				
			Lumsden		49°17'.00N 053°35'.00W	40				
		Main	St. Anthony MCTS	003160021	-----	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Twillingate		49°41'.00N 054°48'.00W	40				
			Comfort Cove		49°16'.43N 054°52'.53W	40				
			Conche		50°54'.00N 055°53'.00W	40				
			L'Anse aux Meadows		51°34'.00N 055°30'.00W	40				
			Fox Harbour		52°22'.00N 055°39'.07W	40				
		Main	Labrador MCTS	003160022	- -	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	Nain		56°33'.00N 061°43'.00W	40				
			Cartwright		53°42'.00N 057°02'.00W	40				
			Hopedale		55°27'.00N 060°13'.00W	40				
		Main	Les Escoumins MCTS	003160026	-----	40	Operational	SD	24 hrs	MRSC Quebec
		Monitor	Lac Daigle		50°17'.00N 066°19'.00W	40				
			Grosses-Roches		48°55'.00N 067°07'.00W	40				
			Mont-Joli		48°37'.00N 068°14'.00W	40				
			Sacré-Coeur		48°13'.00N 069°52'.00W	40				
			Cap a l Est		48°23'.00N 070°41'.00W	40				
			Mont-Louis		49°13'.00N 065°46'.00W	40				
		Main	Montreal MCTS	003160028	---	40	Operational	SD	24 hrs	MRSC Quebec
		Monitor	Mont Saint- Bruno		45°33'.00N 073°20'.00W	40				
			Mont Rigaud		45°27'.00N 074°18'.00W	40				
			Sorel		46°03'.00N 073°07'.00W	40				
			L'Acadie		45°19'.00N 073°19'.00W	40				
		Main	Québec MCTS	003160027	---	40	Operational	SD	24 hrs	MRSC Quebec

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IV (cont.)	Canada (cont.)	Monitor	Lauzon		46°49'.00N 071°10'.00W	40				
			Trois-Rivieres		46°24'.00N 072°27'.00W	40				
			Mont Bélair		46°49'.00N 071°30'.00W	40				
			Montmagny		46°56'.00N 070°31'.00W	40				
			Rivière-du-Loup		47°45'.00N 069°36'.00W	40				
		Main	Prescott MCTS	003160029	---	40	Operational	SD	24 hrs	JRCC Trenton
		Monitor	Cornwall		45°01'.00N 074°44'.00W	40				
			Cardinal		44°47'.00N 075°25'.00W	40				
			Kingston		44°16'.00N 076°41'.00W	40				
			Cobourg		44°04'.00N 078°13'.00W	40				
			Trafalgar		43°30'.00N 079°44'.00W	40				
			Fonthill		43°03'.00N 079°19'.00W	40				
			Orillia		44°35'.00N 079°18'.00W	40				
		Main	Sarnia MCTS	003160030	---	40	Operational	SD	24 hrs	JRCC Trenton
		Monitor	Sarnia		43°01'.00N 082°11'.00W	40				
			Kincardine		44°07'.00N 081°42'.00W	40				
			Leamington		42°04'.00N 082°40'.00W	40				
			Port Burwell		42°35'.00N 080°36'.00W	40				
			Grande Pointe		42°23'.00N 082°24'.00W	40				
			Rondeau		42°25'.00N 081°51'.00W	40				
		Main	Thunder Bay MCTS	003160031	----	40	Operational	SD	24 hrs	JRCC Trenton
		Monitor	Thunder Bay		48°26'.00N 089°18'.00W					
			Horn		48°49'.00N 087°21'.00W	40				
			Bald Head		47°40'.00N 084°48'.00W	40				
			Sault Ste. Marie		46°32'.00N 084°35'.00W	40				
			Silver Water		45°54'.00N 082°55'.00W	40				
			Wiarton		44°45'.00N 081°07'.00W	40				
			Meaford		44°31'.00N 080°34'.00W	40				
			Tobermory		45°10'.00N 081°30'.00W	40				
			Killarney		45°58'.00N 081°29'.00W	40				
			Pointe au Baril		45°34'.00N 080°19'.00W	40				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IV (cont.)	Curaçao (Netherlands)	Main	Seru Gracia (Curaçao)	003061000	12°20'.00N 069°08'.00W	40	Operational	PS	24 hrs	JRCC Curaçao
		Monitor	Sibu Rincon (Bonaire)		12°14'.00N 068°20'.00W	30				
			Mt. Scenery (Saba)		17°38'.00N 063°14'.00W	70				
			Jamanota (Aruba)		12°29'.00N 069°56'.00W	35				
	Jamaica	Main	HMJS Cagway Port Royal	N. I.	-	-	Planned [2000]	SD	24 hrs	Jamaica Defence Force
		Monitor	Catherine's Peak		18°03'.00N 076°42'.00W	112				
			Flower Hill		18°59'.00N 077°51'.00W	70				
			Huntley		18°05'.00N 078°15'.00W	92				
	Mexico	Main	Tampico	003450110	22°12'.55N 097°50'.45W	80	Operational	PS	24 hrs	MRCC Mexico, Mexican Navy
		Monitor	Veracruz	003450310	19°06'.53N 096°08'.03W	80	Operational			
			Chetumal	003451120	18°30'.00N 088°17'.08W	80	Operational			
			Cozumel	003451110	20°28'.28N 086°58'.18W	80	Operational			
			Cd. del Carmen	003450710	18°39'.40N 091°50'.23W	80	Operational			
		Monitor	Progreso	003450910	21°16'.08N 089°41'.47W	80	Operational	PS	24 hrs	
			Coatzacoalcos	003450320	18°09'.36N 094°26'.51W	80	Operational			
			La Pesca	003450120	23°46'.53N 097°47'.00W	80	Planned [2006]			
			Tuxpan	003450330	20°57'.26N 097°21'.27W	80	Planned [2005]			
			Campeche	003450720	18°48'.08N 090°51'.09W	80	Planned [2006]			
			Puerto Juárez	003451130	21°01'.11N 086°49'.11W	80	Planned [2005]			
	United States	Main	Sector Northern New England	003669921	43° 38'.00N 070° 14'.00W	20	Operational	SD	24 hrs	Boston
		Main	Sector Boston	003669901	42° 22'.00N 071° 03'.00W	20	Operational	SD	24 hrs	Boston
		Main	Sector Southeastern New England	003669928	41° 31'.00N 070° 40'.00W	20	Operational	SD	24 hrs	Boston
		Main	Sector New York	003669929	40° 36'.00N 074° 03'.00W	20	Operational	SD	24 hrs	Boston
		Main	Sector Long Island	003669931	41° 16'.00N 072° 54'.00W	20	Operational	SD	24 hrs	Boston
		Main	Sector Hampton Roads	003669922	36° 53'.00N 076° 21'.00W	20	Operational	SD	24 hrs	Norfolk
		Main	Sector Baltimore	003669961	39° 11'.00N 076° 34'.00W	20	Operational	SD	24 hrs	Norfolk
		Main	Sector Delaware Bay	003669905	39° 56'.00N 075° 08'.00W	20	Operational	SD	24 hrs	Norfolk
		Main	Sector North Carolina	003669906	34° 41'.00N 076° 40'.00W	20	Operational	SD	24 hrs	Norfolk
		Main	Sector Charleston	003669907	32° 50'.00N 079° 56'.00W	20	Operational	SD	24 hrs	Miami

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IV (cont.)	United States (cont.)	Main	Sector Jacksonville	003669891	30° 23'.00N 081° 26'.00W	20	Operational	SD	24 hrs	Miami
		Main	Sector Key West	003669918	24° 33'.00N 081° 47'.00W	20	Operational	SD	24 hrs	Miami
		Main	Sector Miami	003669919	25° 46'.00N 080° 08'.00W	20	Operational	SD	24 hrs	Miami
		Main	Sector St Petersburg	003669917	27° 45'.00N 082° 37'.00W	20	Operational	SD	24 hrs	Miami
		Main	Sector San Juan	003669992	18° 27'.00N 066° 06'.00W	20	Planned 2013	SD	24 hrs	RSC San Juan/ RCC Miami
		Main	Sector Mobile	003669914	30° 39'.00N 088° 03'.00W	20	Operational	SD	24 hrs	New Orleans
		Main	Sector Corpus Christi	003669916	27° 42'.00N 097° 16'.00W	20	Operational	SD	24 hrs	New Orleans
		Main	Sector Houston-Galveston	003669915	29° 43'.00N 095° 15'.00W	20	Operational	SD	24 hrs	New Orleans
		Main	Sector New Orleans	003669908	29° 57'.00N 090° 02'.00W	20	Operational	SD	24 hrs	New Orleans
	Venezuela		TBD				Planned [1999]			
V	NONE									
VI	Argentina	Main	Argentina Radio	007010111	34°36'.00S 058°28'.00W	35	Operational	PS	24 hrs	MRCC Buenos Aires
		Main	Mar del Plata	007010221	38°03'.00S 057°32'.00W	35		SD		MRCC Puerto Belgrano
		Main	Buenos Aires PNA Radio	007010001	34°36'.30S 058°22'.00W	35	Operational	SD	24 hrs	MRSC Rio de la Plata
		Main	Mar del Plata PNA Radio	007010003	38°03'.00S 057°32'.00W	35				MRSC Mar del Plata
		Main	Comodoro Rivadavia PNA Radio	007010008	45°51'.00S 067°25'.00W	35				MRSC Comodoro Rivadavia
		Main	Rio Gallegos PNA Radio	007010010	51°37'.00S 069°03'.29W	35				MRSC Rio Gallegos
		Main	San Blas PNA Radio	007010006	40°33'.00S 062°14'.00W	35				MRSC Bahia Blanca
		Main	Ushuaia PNA Radio	007010011	54°48'.00S 068°18'.00W	35				MRSC Ushuaia
	Uruguay	Main	MontevideoArmada Radio	007703870	34°56'.00S 056°09'.00W	30				MRCC Uruguay
		Monitor	Carmelo Radio		33°59'.00S 058°17'.00W	30				
			Colonia Radio		34°28'.00S 057°50'.00W	30				
			Piriapolis Radio		34°52'.00S 055°16'.00W	30				
			Chafalote Radio		34°28'.00S 054°26'.00W	30				
			Santa Teresa Radio		34°00'.00S 053°33'.00W	30				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
VII	Angola	Main	Luanda Radio		N.I.	N.I.	Planned	N. I.	N. I.	
	Comoros	Main	Moroni Radio		-	-	Planned [N. I.]	N. I.	N. I.	
		Monitor	Qussoudjou Radio		N.I.	N.I.				
	Madagascar	Main	Toamasina Radio		N.I.	N.I.	Planned [N. I.]	N. I.	N. I.	
		Main	Mahajanga Radio		N.I.	N.I.				
		Main	Toliara Radio		N.I.	N.I.				
	Mozambique	Main	Maputo Radio		N.I.	N.I.	Planned [N. I.]	N. I.	N. I.	
VIII	India	Main	Daman	004192201	20°25'.00N 072°52'.00E	25	Operational	SD	24hrs	MRCC Mumbai
			Porbandar	004192202	21°38'.00N 069°37'.00E	25		SD	24hrs	
			Mumbai	004192203	18°55'.00N 072°50'.00E	25		SD	24hrs	
			New Mangalore	004192204	12°55'.00N 074°48'.00E	25		SD	24hrs	
			Kochi	004192205	09°58'.00N 076°16'.00E	20		SD	24hrs	
			Goa	004192206	15°25'.00N 073°48'.00E	25		SD	24hrs	
			Okha	004192207	22°28'.00N 069°05'.00E	20		SD	24hrs	
			Chennai	004194401	13°06'.00N 080°18'.00E	25		SD	24hrs	MRCC Chennai
			Vishakhapatnam	004194402	17°41'.00N 083°17'.00E	20		SD	24hrs	
			Paradip	004194403	20°16'.00N 086°42'.00E	25		SD	24hrs	
			Haldia	004194404	22°02'.00N 088°06'.00E	25		SD	24hrs	
			Tuticorin	004194405	08°45'.00N 078°12'.00E	20		SD	24hrs	
			Mandapam	004194406	09°17'.00N 079°05'.00E	20		SD	24hrs	
			Diglipor	004194407	13°18'.00N 093°04'.00E	25		SD	24hrs	MRCC Port Blair
			Campbell Bay	004194408	07°00'.00N 093°55'.00E	30		SD	24hrs	
			Port Blair	004194409	11°41'.00N 092°46'.00E	30		SD	24hrs	
	Kenya	Main	Mombasa Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
		Monitor	Malindi Radio		N. I.	N. I.				
			Msambweni Radio		N. I.	N. I.				
	Mauritius		Cap Malheureux	006452700	19°59'.00S 057°36'.00E	30	Operational	SD	24 hrs	3BM
			Belle Mare	006452700	20°11'.00S 057°46'.00E	30	Operational	SD	24 hrs	3BM
			Souillac	006452700	20°30'.00S 057°31'.00E	30	Operational	SD	24 hrs	3BM
			Albion	006452700	20°12'.00S 057°24'.00E	30	Operational	SD	24 hrs	3BM
	Myanmar	-	Yangon Radio	005060100	16°42'.00N 096°17'.00E	25	Operational	SD	24 hrs	
		-	Myeik Radio	005060200	12°26'.00N 098°36'.00E	25				
	Seychelles	Main	Seychelles Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Tanzania	Main	Dar-es-Salaam Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
		Monitor	Zanzibar Radio		N. I.	N. I.				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
VIII	Tanzania (cont)		Mtwara Radio		N. I.	N. I.				
IX	Djibouti	Main	Djibouti Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
		Monitor	Pic du day Radio		N. I.	N. I.				
	Egypt	Main	Kosseir Radio	006221112	26°06'.00N 034°17'.00E	28.1	Operational	PS	24 hrs	RCC Cairo
		Monitor	Ras-Gharib		28°22'.00N 033°04'.00E	28.1				
			Zeitiya		27°49'.00N 033°34'.00E	28.6				
			Hurghada		27°15'.00N 033°48'.00E	28.1				
			Safaga		26°45'.00N 033°56'.00E	28.1				
			Sharm-El-Sheikh		27°52'.00N 034°18'.00E	23.8				
			Dahab		28°29'.00N 034°30'.00E	22.7				
	Iran (Islamic Republic of)	Main	Abbas Radio (Persian Gulf)	004225300	27°06'.06N 056°03'.48E	30	Operational	PS	24 hrs	
		Main	Jask Radio (Oman Sea)	004225308	25°38'.58N 057°45'.49E	30				
		Main	Khorramshahr Radio (ARVAND Rever)	004225101	30°20'.00N 048°22'.33E	30				
		Main	Busheh Radio (Persian Gulf)	004225200	28°59'.00N 050°49'.00E	30				
		Main	Deylm Radio (Persian Gulf)	004225205	30°34'.00N 050°09'.00E	30				
		Main	Genaveh Radio (Persian Gulf)	004225206	29°34'.00N 050°34'.00E	30				
		Main	Lavar Radio (Persian Gulf)	004225204	28°15'.08N 051°15'.14E	30				
		Main	Dayer Radio (Persian Gulf)	004225203	27°50'.00N 051°55'.00E	30				
		Main	Asaluyeh Radio (Persian Gulf)	004225202	27°28'.05N 052°36'.05E	30				
		Main	Chabahar Radio (Oman Sea)	004225400	25°18'.00N 060°35'.00E	30				
		Main	Khomeini Radio (Persian Gulf)	004225100	30°25'.00N 049°03'.00E	30				
		Main	Kish Radio (Persian Gulf)	004224303	26°34'.15N 054°00'.24E	30				
		Main	Bahonar Radio (Persian Gulf)	004224301	27°07'.45N 056°12'.15E	30				
		Main	Aftab Radio (Persian Gulf)	004224311	26°43'.10N 053°55'.31E	30				
		Main	Qeshm Radio (Persian Gulf)	004224304	26°56'.50N 056°17'.07E	30				
		Main	Lengeh Radio (Persian Gulf)	004224302	26°32'.46N 054°53'.15E	30				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IX (cont'd)	Iran (Islamic Republic of) (cont.)	Main	Abadan Radio (ARVAND Rever)	004224102	30°19'.45N 048°16'.55E	30				
		Main	Khark Radio (Persian Gulf)	004224201	29°13'.50N 050°20'.22E	30				
		Main	Lengeh Radio (Persian Gulf)	004224302	26°32'.46N 054°53'.15E	30				
		Main	Abomusa Radio (Persian Gulf)	004225310	25°52'.14N 055°00'.38E	30				
			Pasabanar (Remotely control from Chavbahar Radio) (Persian Gulf)	004225400	25°46'.07N 061°25'.53E	30	Planned			
	Iraq	Main	Um Qasr	004250001	30.01.541N 47.56.473E	30	Operational	SD	24 hrs	
	Israel		RCC Haifa	004280003	29°34'.01N 034°57'.00E	25	Operational	SD	24 hrs	RCC Haifa
	Jordan	Main	Aqaba Radio	004381234	29°27'.00N 034°58'.00E	25	Planned [N. I.]	PS	24 hrs	Harbour Master, Aqaba
		Monitor	Aqaba Port Control		29°30'.00N 034°59'.00E	25				
	Oman	Main	Muscat		23°36'.00N 058°30'.00E	25 to 30	Planned [N. I.]	PS	N. I.	HQ Royal Air Force of Sultanate of Oman
	Pakistan	Main	Karachi	004634060	24°52'.00N 067°01'.00E	40	Planned [1998]	N. I.	N. I.	N. I.
		Main	Ormara	004634056	25°12'.00N 064°38'.00E	40	TBD			
		Main	Gwadar	004634052	25°08'.00N 064°20'.00E	40				
	Saudi Arabia	Main	Jeddah Radio	004030000	-	-	Operational	SD	24 hrs	RCC Riyadh
		Monitor	Duba		27°21'.00N 035°42'.00E	33				
			Al Wajh		26°14'.00N 036°27'.00E	33				
			Umm Lajj		25°01'.00N 037°16'.00E	33				
			Yanbu		24°05'.00N 038°03'.00E	33				
			Rabigh		22°48'.00N 039°01'.00E	33				
			Sharm Abhur		21°43'.00N 039°06'.00E	33				
			Jiddah		21°14'.85N 039°09'.72E	30				
			Shuaiba		20°40'.00N 039°31'.00E	35				
			Al Lith		20°08'.00N 040°16'.00E	35				
			Qunfudah		19°07'.00N 041°05'.00E	33				
			Al Birk		18°12'.00N 041°32'.00E	35				
			Shuqaiq		17°43'.00N 042°01'.00E	35				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
IX (cont'd)	Saudi Arabia (cont.)		Jizan		16°53'.00N 042°32'.00E	35				
			Khafji		28°26'.00N 048°29'.00E	33				
			Al Jubayl (Jubail)		27°00'.00N 049°39'.00E	33				
			Dammam		26°26'.00N 050°06'.00E	33				
			Half Moon Beach		26°15'.00N 050°10'.00E	33				
	Sudan	Main	Jebel Erba Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	N. I.
	United Arab Emirates	Main	Emirates Radio		-	-	Planned [1995]	N. I.	N. I.	N. I.
		Monitor	Abu Dhabi Radio		24°28'.00N 054°22'.00E	N.I.				
			Fujeirah Radio		25°04'.00N 056°21'.00E	N.I.				
			Jebal Ali Radio		25°02'.00N 055° 06'.00E	N.I.				
			Khor Fakkan Radio		25°21'.00N 056°22'.00E	N.I.				
			Ras Al Khaimah Radio		25°47'.00N 055°59'.00E	N.I.				
		Monitor	Jebal Dhana Radio		24°06'.00N 052°44'.00E	N.I.	Planned [1995]	N. I.	N. I.	N. I.
			Umm Al Quwain Radio		25°32'.00N 055°32'.00E	N.I.				
			Zirku Radio		24°53'.00N 053°04'.00E	N.I.				
X	NONE									
XI	China	Main	Dalian Radio	004121300	38°50'.00N 121°31'.00E	25	Operational	PS	24 hrs	Liaoning MRCC
		Main	Fuzhou Radio	004122600	26°02'.00N 119°18'.00E	25				Fujian MRCC
		Main	Guangzhou Radio	004123100	23°08'.00N 113°29'.00E	25				Guangdong MRCC
		Main	Haikou Radio	004123500	20°01'.00N 110°17'.00E	25				Haikou HAS
		Main	Lianyungang Radio	004122300	34°42'.00N 119°18'.00E	25				Lianyungang MRCC
		Main	Ningbo Radio	004122400	30°01'.00N 121°30'.00E	25				Ningbo HAS
		Main	Qingdao Radio	004122200	36°10'.00N 120°28'.00E	25				Qingdao MRSC
		Main	Quinhuangdao Radio	004121200	39°53'.00N 119°31'.00E	25				Heibei MRCC
		Main	Shanghai Radio	004122100	31°06'.00N 121°32'.00E	25				Shanghai MRCC
		Main	Tianjin Radio	004121100	39°03'.00N 117°25'.00E	25				Tianjin MRCC
		Main	Xiamen Radio	004122700	24°35'.00N 118°06'.00E	25				Xiamen MRSC
		Main	Yantai Radio	004121400	37°32'.00N 121°22'.00E	25				Yantai MRSC
		Main	Zhanjiang Radio	004123300	21°09'.00N 110°21'.00E	25				Zhanjiang MRSC

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Guam (United States)	Main	Sector Guam	003669994	13°25'.00N 144°39'.00E	N. I.	Planned	SD	24 hrs	RSC Guam/ RCC Honolulu
	Indonesia	Main	Amboina	005250006	03°41'.57S 128°10'.40E	20	Operational	PS	24 hrs	MRSC Ambon
		Main	Atapupu	-	09°01'.30S 124°51'.40E	20	Planned			MRSC Kupang
		Main	Balikpapan	005250009	01°16'.15S 116°48'.30E	20	Operational			MRSC Balik Papan
		Main	Banabungi	-	05°30'.50S 122°50'.40E	20	Planned			MRSC Ujung Pandang
		Main	Banjarmasin	-	03°19'.40S 114° 35'.35E	20	Planned			MRSC Banjarmasin
		Main	Batu Ampar	005250012	01°09'.50N 104°00'.01E	20	Operational			MRSC Tanjung Pinang
		Main	Bawean	-	05°51'.20S 112°39'.20E	20	Planned			MRCC Surabaya
		Main	Belawan	005250003	03°43'.17N 098°40'.08E	20	Operational			MRSC Medan
		Main	Bengkulu	-	03°46'.30S 102°18'.31E	20	Planned			MRSC Palembang
		Main	Benoa	005250014	08°44'.40S 115°12'.32E	20	Planned			MRSC Denpasar
		Main	Biak	005250031	01°11'.10S 136°04'.36E	20	Operational			MRCC Biak
		Main	Bima	-	08°26'.28S 118°43'.28E	20	Planned			MRSC Denpasar
		Main	Bintuni	-	02°07'.11S 133°30'.04E	20				MRSC Sorong
		Main	Bitung	005250005	01°26'.50N 125°10'.53E	20	Operational	PS	24 hrs	MRSC Menado
		Main	Celukan Bawamg	-	08°11'.23S 114°49'.49E	20	Planned			MRSC Palembang
		Main	Cigading	005250083	05°56'.05S 106°00'.23E	20	Planned			MRCC Jakarta
		Main	Cilacap	005250030	07°44'.25S 109°02'.23E	20	Operational			
		Main	Cirebon	005250032	06°43'.00S 108°34'.20E	20	Planned			MRCC Jakarta
		Main	Dabo Singkep	-	00°30'.10S 104°34'.00E	20				MRSC Pekanbaru
		Main	Donggala	-	00°40'.30S 119°44'.47E	20	Planned			MRSC Menado
		Main	Dumai	005250004	01°41'.10N 101°27'.20E	20	Operational			MRSC Pekanbaru
		Main	Ende	-	08°50'.20S 121°38'.38E	20	Planned			MRSC Kupang
		Main	Fak-Fak	005250026	02°56'.02S 132°17'.56E	20	Operational			MRSC Sorong
		Main	GN. Sitoli	-	02°16'.53N 097°37'.16E	20	Planned			MRSC Medan
		Main	Gorontalo	-	00°30'.30N 123°03'.49E	20				MRSC Menado
		Main	Gresik	-	07°09'.30S 112°35'.40E	20	Planned			MRCC Surabaya
		Main	Jakarta	005250000	06°07'.28S 106°51'.16E	20				MRCC Jakarta
		Main	Jambi	-	01°36'.50S 103°36'.51E	20				MRSC Padang
		Main	Jayapura	005250007	02°31'.10S 140°43'.22E	20	Operational			MRSC Jayapura
		Main	Kaimana	-	03°40'.00S 135°45'.15E	20	Planned			MRSC Sorong
		Main	Kalabahi	-	08°13'.18S 124°30'.40E	20				MRSC Denpasar

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Indonesia (cont.)	Main	Kalianget	-	07°04'.05S 113°58'.42E	20				MRCC Surabaya
		Main	Kendari	005250019	03°58'.38S 122°35'.55E	20	Operational			MRCC Ujung Pandang
		Main	Kupang	005250010	10°12'.49S 123°37'.24E	20	Operational			MRSC Kupang
		Main	Lahewa	-	01°24'.00N 097°09'.20E	20	Planned			MRCC Ujung Pandang
		Main	Larantuka	-	08°20'.28S 122°59'.25E	20				MRSC Kupang
		Main	Lembar	005250022	08°43'.41S 116°04'.23E	20	Operational			MRSC Denpasar
		Main	Luwuk	-	00°56'.58S 122°47'.24E	20	Planned			MRSC Menado
		Main	Makassar	005250002	05°06'.30S 119°26'.20E	20	Operational			MRCC Ujung Pandang
		Main	Manokwari	005250023	00°51'.56S 134°04'.37E	20				MRCC Biak
		Main	Masalembo	-	05°34'.00S 114°27'.00E	20	Planned			MRCC Ujung Pandang
		Main	Maumere	-	08°37'.00S 122°13'.08E	20	Planned			MRSC Kupang
		Main	Menado	-	01°29'.47N 124°50'.41E	20				MRSC Menado
		Main	Meneng	-	08°07'.30S 114°23'.50E	20				MRCC Surabaya
		Main	Merauke	005250021	08°28'.47S 140°23'.38E	20	Operational			MRSC Merauke
		Main	Padang Bai	-	08°32'.00S 115°30'.28E	20	Planned	PS	24 hrs	MRSC Padang
		Main	Palembang	-	02°58'.08S 104°46'.44E	20				MRSC Palembang
		Main	Panarukan	-	07°41'.45S 113°56'.02E	20	Planned			MRCC Surabaya
		Main	Pangkal Balam	-	02°02'.07S 106°08'.00E	20				MRSC Tanjung Pinang
		Main	Panjang	005250013	05°28'.23S 105°19'.03E	20	Operational			MRSC Palembang
		Main	Parigi	-	00°48'.45N 120°10'.45E	20	Planned			MRSC Menado
		Main	Pontianak	005250016	00°01'.36N 109°17'.18E	20	Operational			MRSC Pontianak
		Main	Poso	-	01°22'.48N 120°45'.20E	20	Planned			MRSC Menado
		Main	Probolinggo	-	07°23'.00S 113°13'.00E	20				MRCC Surabaya
		Main	Pulang Pisau	-	02°45'.00S 114°15'.00E	20				MRSC Tanjung Pinang
		Main	Pulau Sambu	-	01°09'.08N 103°53'.58E	20	Planned			MRSC Tanjung Pinang
		Main	Rengat	-	00°28'.29S 102°41'.10E	20				
		Main	Sabang	-	05°04'.00N 095°21'.00E	20				MRSC Medan
		Main	Samarinda	-	00°30'.30S 117°09'.12E	20				MRSC Balikpapan

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Indonesia (cont.)	Main	Sampit	-	02°33'.26S 112°57'.24E	20				MRSC Banjarmasin
		Main	Sanana	005250025	02°03'.03S 125°58'.02E	20	Operational			MRSC Ambon
		Main	Sei Kolak Kijang	005250029	00°51'.04N 104°36'.31E	20				MRSC Tanjung Pinang
		Main	Selat Panjang	-	01°01'.31N 102°43'.10E	20	Planned			MRSC Tanjung Pinang
		Main	Semarang	005250008	06°58'.35S 110°20'.50E	20	Operational			MRCC Surabaya
		Main	Serui	-	01°53'.12S 136°14'.27E	20	Planned			MRCC Biak
		Main	Siau	-	02°44'.00N 124°24'.01E	20				MRSC Menado
		Main	Sibolga	005250028	01°43'.54N 098°47'.00E	20	Operational			MRSC Medan
		Main	Sintete	-	01°11'.42N 109°03'.38E	20	Planned			MRSC Pontianak
		Main	Sorong	005250011	00°53'.03S 131°16'.29E	20	Operational			MRSC Sorong
		Main	Sunda Kelapa	-	06°07'.24S 106°48'.30E	20	Planned			MRCC Jakarta
		Main	Surabaya	005250001	07°11'.05S 112°44'.08E	20	Operational			MRCC Surabaya
		Main	Tahuna	005250024	03°35'.20N 125°30'.10E	20	Planned			MRSC Menado
		Main	Tarakan	005250017	03°17'.20N 117°35'.25E	20	Operational			MRSC Balik Papan
		Main	Tegal	-	06°51'.01S 109°08'.05E	20	Planned			MRCC Jakarta
		Main	Teluk Bayur	-	01°00'.10S 100°21'.55E	20				MRSC Padang
		Main	Teluk Dalam	-	00°33'.52N 097°49'.05E	20	Planned			MRSC Padang
		Main	Tembilahan	-	00°19'.04S 103°09'.41E	20	Planned	PS	24 hrs	MRSC Tanjung Pinang
		Main	Ternate	005250020	00°47'.00N 127°21'.52E	20	Operational			MRSC Ambon
		Main	TG Balai Karimun	-	00°59'.17N 103°26'.14E	20	Planned			MRSC Tanjung Pinang
		Main	TG Uban	-	01°03'.05N 104°13'.27E	20	Planned			MRSC Tanjung Pinang
		Main	Toli-Toli	-	01°03'.18N 120°48'.20E	20	Planned			MRSC Menado
		Main	Tual	-	05°38'.00S 132°44'.27E	20				MRSC Ambon
		Main	Olee Lheue	-	05°33'.42S 095°17'.10E	20				MRSC Menado
		Main	Waingapu	-	09°39'.42S 120°15'.22E	20				MRSC Kupang
	Malaysia	Monitor	Gunung Jerai	005330001	05°47'.00N 100°26'.00E	95	Operational	PS	24 hrs	MRCC Port Klang
			Gunung Berinchang	005330003	04°31'.00N 101°23'.00E	117				
			Ulu Kali	005330004	03°26'.00N 101°47'.00E	114				MRCC Port Klang
			Gunung Ledang	005330005	02°03'.00N 102°34'.00E	95				
			Tioman	005330006	02°48'.00N 104°12'.00E	27				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Malaysia (cont.)		Kuala Rompin	005330007	02°48'.00N 103°29'.00E	38				
			Kemuning	005330008	04°19'.00N 103°28'.00E	57				
			Kuala Terengganu	005330009	05°18'.00N 103°08'.00E	55				
			Machang	005330010	05°43'.00N 102°17'.00E	70				
		Monitor	Kuching	005330011	01°35'.00N 110°11'.00E	85	Operational	PS	24 hrs	MRCC Port Klang
			Bintulu	005330012	03°13'.00N 113°05'.00E	48				
			Kota Kinabalu	005330013	06°02'.00N 116°12'.00E	75				
			Labuan	005330014	05°17'.00N 115°15'.00E	22				
	Philippines	Main	Manila	005480020.	14°35'.09N 121°01'.00E	25		PS	24 hrs	Manila
			Bataan		14°38'.30N 121°28'.54E	25				Manila
			Subic		14°52'.34N 120°17'.42E					Manila
			Batangas		13°45'.00N 121°02'.37E	25				Batangas
			Lucena		13°54'.00N 121°38'.00E	25				
			Calapan		13°25'.40N 121°11'.42E	25				
			San Jose		12°20'.00N 121°05'.00E	25				
			Romblon		12°34'.40N 122°16'.08E	25				
			Puerto Real		14°40'.15N 121°36'.47E	25				
			Iloilo		10°41'.22N 122°34'.19E	25				Iloilo
			Bacalod		10°28'.41N 123°25'.20E	25				
			Roxas		11°36'.15N 122°42'.34E	25				
			Caticlan		11°56'.17N 121°57'.03E	25				
			San Jose de Buenavista		10°44'.17N 121°56'.16E	25				
			San Fernando		16°36'.31N 120°17'.42E	25				San Fernando
			Sual		16°04'.33N 120°29'.20E	25				
			Currimao		17°59'.12N 120°29'.20E	25				San Fernando
			Aparri		18°21'.35N 121°37'.49E	25				Aparri
			Basco		20°26'.53N 121°58'.04E	25				
			Legaspi		13°08'.35N 123°45'.31E	25				Legaspi
			Masbate		12°22'.12N 123°36'.57E	25				
			Sorsogon		12°58'.01N 124°00'.14E	25				
			Davao		07°08'.00N 125°40'.00E	25				Davao
			General Santos		06°05'.34N 125°09'.16E	25				
			Sarangani		05°24'.45N 125°25'.32E	25				
			Mati		06°57'.06N 126°12'.54E	25				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Philippines (cont.)		Bislig		08°12'.54N 126°22'.40E	25				Puerto Princesa
			Cuyo		10°51'.08N 121°00'.24E	25				
			Coron		11°59'.29N 120°12'.42E	25				
			Liminang Cong		10°49'.37N 119°31'.03E	25				
			Brooke`s Point		08°46'.20N 117°49'.57E	25				
			Cebu		10°16'.18N 123°53'.53E	25				Cebu
		Main	Tacloban		11°03'.54N 125°01'.24E	25	Operational	PS	24 hrs	
			Maasin		10°07'.54N 124°50'.08E	25				
			Catbalogan		11°46'.27N 123°52'.48E	25				
			Tagbilaran		09°38'.56N 123°50'.50E	25				Tagbilaran
			Zamboanga		06°54'.13N 122°04'.16E	25				Zamboanga
			Jolo		06°03'.22N 121°00'.00E	25				
			Pagadian		07°49'.06N 123°26'.20E	25				
			Mapun		06°58'.21N 118°30'.33E	25				
			Cotabato		07°12'.17N 124°09'.46E	25				
			Cagayan de Oro		08°29'.47N 124°39'.38E	25				Cagayan de Oro
			Ozamis		08°08'.23N 123°50'.43E	25				
			Dapitan		08°37'.40N 123°23'.44E	25				
			Butuan		08°57'.00N 125°32'.39E	25				
			Surigao		09°46'.55N 125°30'.00E	25				
			Iligan		08°13'.50N 124°13'.59E	25				
	Republic of Korea	Main	Incheon Korea Coast Guard	004401001	37°27'.00N 126°36'.00E	25	Operational	SD	24 hrs	Incheon RCC
		Main	East Regional HQs Korea Coast Guard	004401002	37°29'.00N 129°07'.00E	25				Donghae RCC
		Main	West Regional HQs Korea Coast Guard	004401003	34°47'.00N 126°32'.00E	25				Seohae RCC
		Main	South Regional HQs Korea Coast Guard	004401004	35°07'.00N 129°03'.00E	25				Namhae RCC
		Main	Jeju Coast Guard Station	004401005	33°31'.00N 126°32'.00E	25				Jeju RCC
		Main	Seoul Radio	004400002	37°32'.00N 127°05'.00E	25		PS		Incheon RCC
		Monitor	Seoul Radio	004400003	37°29'.00N 126°33'.00E	25				Incheon RCC
			Seoul Radio	004400004	37°13'.00N 126°09'.00E	25				Incheon RCC
			Seoul Radio	004400201	36°18'.00N 126°38'.00E	25				Seohae RCC

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Republic of Korea (cont.)		Seoul Radio	004400501	35°57'.00N 126°41'.00E	25				Seohae RCC
			Seoul Radio	004400308	34°41'.00N 125°27'.00E	25				Seohae RCC
			Seoul Radio	004400307	35°08'.00N 126°06'.00E	25				Seohae RCC
			Seoul Radio	004400309	34°48'.00N 126°24'.00E	25				Seohae RCC
			Seoul Radio	004400304	34°44'.00N 126°07'.00E	25				Seohae RCC
			Seoul Radio	004400310	34°27'.00N 126°37'.00E	25				Seohae RCC
			Seoul Radio	004400306	34°26'.00N 127°30'.00E	25				Namhae RCC
			Seoul Radio	004400305	34°45'.00N 127°44'.00E	25				Namhae RCC
			Seoul Radio	004400104	34°59'.00N 127°52'.00E	25				Namhae RCC
			Seoul Radio	004400103	34°48'.00N 128°25'.00E	25				Namhae RCC
		Monitor	Seoul Radio	004400106	35°09'.00N 128°44'.00E	25	Operational	PS	24 hrs	Namhae RCC
			Seoul Radio	004400105	35°08'.00N 129°02'.00E	25				Namhae RCC
			Seoul Radio	004400101	35°05'.00N 129°03'.00E	25				Namhae RCC
			Seoul Radio	004400102	35°35'.00N 129°24'.00E	25				Donghae RCC
			Seoul Radio	004400401	36°30'.00N 129°26'.00E	25				Donghae RCC
			Seoul Radio	004400402	36°51'.00N 129°24'.00E	25				Donghae RCC
			Seoul Radio	004400403	37°28'.00N 130°53'.00E	25	Operational	PS	24 hrs	Donghae RCC
			Seoul Radio	004400404	37°32'.00N 130°52'.00E	25				Donghae RCC
			Seoul Radio	004400603	37°26'.00N 129°10'.00E	25				Donghae RCC
			Seoul Radio	004400602	37°42'.00N 129°00'.00E	25				Donghae RCC
			Seoul Radio	004400604	38°11'.00N 128°35'.00E	25				Donghae RCC
			Seoul Radio	004400701	33°29'.00N 126°29'.00E	25				Jeju RCC
			Seoul Radio	004400702	33°14'.00N 126°33'.00E	25				Jeju RCC
		Main	Busan VTS	004403102	35°04'.00N 129°05'.00E	25		SD		Namhae RCC
		Main	Busan Newport VTS	004403106	35°03'.00N 128°46'.00E	25				Namhae RCC
		Main	Incheon VTS	004403001	37°27'.00N 126°36'.00E	25				Incheon RCC
		Main	Yeosu VTS	004403302	34°44'.00N 127°45'.00E	25				Seohae RCC
		Main	Masan VTS	004403101	35°11'.00N 128°34'.00E	25				Namhae RCC
		Main	Ulsan VTS	004403103	35°30'.00N 129°23'.00E	25				Donghae RCC
		Main	Donghae VTS	004403601	37°29'.00N 129°08'.00E	25				Donghae RCC
		Main	Gunsan VTS	004403501	35°58'.00N 126°33'.00E	25				Seohae RCC
		Main	Mokpo VTS	004403301	34°47'.00N 126°21'.00E	25				Seohae RCC
		Main	Wando VTS	004403304	34°18'.00N 126°46'.00E	25				Seohae RCC
		Main	Pohang VTS	004403401	36°00'.00N 129°25'.00E	25				Donghae RCC
		Main	Jeju VTS	004403701	33°31'.00N 126°32'.00E	25				Jeju RCC

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Republic of Korea (cont.)	Main	Pyeongtaek VTS	004403002	36°57'.00N 126°50'.00E	25				Seohae RCC
		Main	Daesan VTS	004403201	36°58'.00N 126°23'.00E	25				Seohae RCC
	Singapore	Main	Singapore Port Operations Control Centre	005630002	01°16'.28N 103°50'.67E	25	Operational	SD	24 hrs	Singapore Port Operations Control Centre
	Thailand	Monitor	Bangkok Radio Sriracha	005671000	13°11'.39N 100°57'.010E	27	Operational	SD	24 hrs	Bangkok RCC
			Petchaburi		12°59'.734N 100°03'.318E	27	Operational			
			Prachuab Radio		11°48'.00N 099°48'.00E	27	Planned			
			Surat Radio		09°47'.00N 099°07'.00E	27	Planned			
			Songkhla Radio		07°10'.03N 100°37'.21E	27	Planned			
			Phuket Radio		07°54'.00N 098°24'.00E	27	Planned			
	Viet Nam	Main	Ho Chi Minh-Ville/XVS Radio	005743030	10°21'.28.8N 107°04'.15E	30	Operational	PS	24 hrs	Vungtau MRCC VMRCC
		Main	Hai Phong/XVG Radio	005741040	20°47'.50N 106°42'.54E	30				Haiphong MRCC VMRCC
		Main	Da Nang/XVT Radio	005742030	16°07'.56N 108°15'.06E	30				Danang MRCC VMRCC
		Main	Nha Trang/XVN Radio	005742080	12°29'.27N 109°15'.50E	30	Operational	PS	24 hrs	Danang MRCC VMRCC
		Main	Vung Tau/XVR Radio	005743020	10°21'.59.9N 107°04'.01E	30				Vungtau MRCC VMRCC
		Main	Mong Cai/XVM Radio	005741010	21°31'.38N 107°58'.19E	30				Haiphonh MRCC VMRCC
		Main	Cua Ong/XVC Radio	005741020	21°01'.12N 107°24'.01E	30				Hon Gai Port Authority
		Main	Hon Gai/XVQ Radio (Quang Ninh)	005741030	20°57'.15N 107°04'.22E	30				Haiphong MRCC VMRCC
		Main	Ben Thuy/SVB Radio	005741070	18°30'.57N 105°42'.21E	30				Haiphong MRCC VMRCC
		Main	Hue/XVD Radio	005742020	16°32'.38N 107°38'.24E	30				Danang MRCC VMRCC
		Main	Quy Nhon/XVI Radio	005742060	13°47'.00N 109°14'.00E	30				Danang MRCC VMRCC
		Main	Kien Giang/SVK Radio	005743080	09°22'.00N 104°26'.00E	30				Vungtau MRCC VMRCC

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XI (cont.)	Viet Nam (cont.)	Main	Can Tho/XVU Radio	005743050	10°02'.00N 105°47'.00E	30				Vungtau MRCC VMRCC
		Main	Thanh Hoa	005741060	19°17'.99N 105°49'.16E	30				Haiphong MRCC VMRCC
		Main	Ca Mau/XVA Radio	005743070	09°12'.01N 105°10'.48E	30				Vungtau MRCC VMRCC
		Main	Phan Rang/XVN Radio	005742100	11°33'.53N 109°00'.23E	30				Danang MRCC VMRCC
		Main	Phu Yen/XVY Radio	005742070	12°53'.40N 109°27'.12E	30				Danang MRCC VMRCC
		Main	Phan Thiet/XVP Radio	005743010	10°54'.55N 108°06'.11E	30				Vungtau MRCC VMRCC
		Main	Bach Long Vi				Planned			
		Main	Hon La							
		Main	Cua Viet							
		Main	Ly Son							
		Main	Quang Ngai				Planned			
		Main	Cam Ranh							
		Main	Phu Quy							
		Main	Con Dao							
		Main	Tho Chu							
		Main	Dung Quat							
		Main	Nam Can							
		Main	Bac Lieu							
		Main	Ha Tien							
		Main	Phu Quoc							
	Associate Member of IMO Hong Kong, China	Main	Hong Kong Marine Rescue Radio Tai Mo Shan	004773500	22°24'.34N 114°07'.28E	50	Operational	SD	24 hrs	Hong Kong MRCC
		Standby	Hong Kong Marine Rescue Radio Victoria Peak		22°16'.27N 114°08'.35E	50	Operational	SD	24 hrs	Hong Kong MRCC
XII	Canada	Main	Victoria MCTS	003160011	-	-	Operational	SD	24 hrs	JRCC Victoria
		Monitor	Mount Parke		48°50'.00N 123°18'.00W	40				
			Bowen Island		49°21'.00N 123°23'.00W	40				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XII (cont.)	Canada (cont.)		Mount Helmcken		48°24'.00N 123°34'.00W	40				
			Annacis Island		49°12'.00N 122°55'.00W	40				
			Mount Newton		48°37'.00N 123°27'.00W	40				
		Main	Vancouver MCTS	003160010	-	-	Operational	SD	24 hrs	JRCC Victoria
		Monitor	Watts Point		49°39'.00N 123°13'.00W	40				
		Main	Tofino	003160012	-	-	Operational	SD	24 hrs	JRCC Victoria
		Monitor	Holberg		50°38'.00N 128°08'.00W	40				
			Eliza Dome		49°52'.00N 127°07'.00W	40				
			Mount Ozzard		48°58'.00N 125°30'.00W	40				
		Main	Prince Rupert MCTS	003160013	-	-	Operational	SD	24 hrs	JRCC Victoria
		Monitor	Dundas Island		54°31'.00N 130°55'.00W	40				
			Rose Inlet		52°13'.00N 131°13'.00W	40				
			Klemtu		52°35'.00N 128°34'.00W	40				
			Mount Gil		53°16'.00N 129°12'.00W	40				
			Naden Harbour		53°57'.00N 132°57'.00W	40	Operational	SD	24 hrs	JRCC Victoria
			Cumshewa		53°10'.00N 132°00'.00W	40				
			Mount Hayes		54°17'.00N 130°19'.00W	40				
			Calvert Island		51°35'.00N 128°01'.00W	40				
		Main	Comox MCTS	003160014	-	40				
		Monitor	Port Hardy		50°42'.00N 127°42'.00W	40				
			Discovery Mountain		50°19'.00N 125°22'.00W	40				
			Texada Island		49°42'.00N 124°26'.00W	40				
	Ecuador	Main	Guayaquil	007354750	02°11'.00S 079°53'.00W	30	Operational	N. I.	24 hrs	Guayaquil Coast Guard
		Monitor	Esmeraldas (Remote Controlled)	007354752	00°57'.00N 079°39'.00W	30				
			Bahia (Remote Controlled)	007354753	00°35'.00S 080°25'.00W	30				
			Manta (Remote Controlled)	007354754	00°57'.00S 080°43'.00W	30				
			Salinas (Remote Controlled)	007354755	02°12'.00S 080°52'.00W	30				
			Puerto Bolivar (Remote Controlled)	007354756	03°16'.00S 080°00'.00W	30				
		Main	Ayora	007354757	00°44'.50.2S 090°18'.44.8W	30				
		Monitor	Baquerizo Moreno (Remote Controlled)	007354758	00°54'.00S 089°37'.00W	30				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XII (cont.)	Mexico	Main	Mazatlan	003450810	23°10'.03N 106°25'.43W	80	Operational	PS	24 hrs	Sector Naval
		Monitor	Ensenada	003450210	31°51'.08N 116°37'.07W	80	Operational			Zona Naval (ZN-2)
			Guaymas	003450610	27°54'.31N 110°55'.05W	160	Planned [2005]			Zona Naval (ZN-4)
			Manzanillo	003451410	19°01'.12N 104°19'.11W	80	Operational			Sector Naval
			Acapulco	003451810	16°50'.15N 099°56'.12W	80				Zona Naval (ZN-8)
			Salina Cruz	003452010	16°10'.27N 095°11'.00W	80	Operational			Zona Naval (ZN-10)
			Lazaro Cardenas	003451610	17°57'.00N 102°12'.27W	80				Zona Naval (ZN-6)
			Guerrero Negro	003450440	27°45'.02N 114°52'.06W	80	Planned [2006]			Zona Naval (ZN-2)
			San Carlos	003450430	24°45'.08N 112°02'.15W	80	Planned [2006]			Subsector Naval de Puerto Cortes
			Los Cabos	003450420	22°55'.27N 109°55'.53W	80	Planned [2006]			Sector Naval de la Paz
			Puerto Peñasco	003450620	31°15'.06N 113°35'.23W	80	Planned [2006]			Subsector Naval
			Topolobampo	003450820	25°35'.07N 109°04'.20W	80	Planned [2005]			Sector Naval
			Puerto Vallarta	003451210	20°45'.54N 105°31'.53W	80	Operational			Sector Naval
			Puerto Angel	003452030	15°38'.17N 096°30'.10W	160	Planned [2005]			Zona Naval (ZN-10)
	United States	Main	Sector San Diego	003669913	32° 43'.00N 117° 11'.00W	20	Operational	SD	24 hrs	Alameda
		Main	Sector Los Angeles-Long Beach	003669912	33° 43'.00N 118° 16'.00W	20	Operational	SD	24 hrs	Alameda
		Main	Sector San Francisco	003669926	37° 48'.00N 122° 21'.00W	20	Operational	SD	24 hrs	Alameda
		Main	Sector Humboldt Bay	003669909	40° 58'.00N 124° 06'.00W	20	Operational	SD	24 hrs	Alameda
		Main	Sector Puget Sound	003669938	47° 35'.00N 122° 20'.00W	20	Operational	SD	24 hrs	Seattle
		Main	Sector Columbia River	003669937	46° 09'.00N 123° 52'.00W	20	Operational	SD	24 hrs	Seattle
		Main	Sector North Bend	003669911	43° 24'.00N 124° 14'.00W	20	Operational	SD	24 hrs	Seattle
		Main	Sector Honolulu	003669939	21° 26'.00N 158° 09'.00W	20	Operational	SD	24 hrs	Honolulu
XIII	Russian Federation	Main	Vladivostok	002734412	43°07'.00N 131°55'.00E	55	Operational	SD	24 hrs	MRCC Vladivostok
		Monitor	Nakhodka		42°51'.00N 132°50'.00E	45				
			Tumannaya (Posiet)		42°34'.00N 131°11'.00E	70				
		Main	Magadan	002734416	59°33'.00N 150°43'.00E	19	Operational	SD	24 hrs	MRSC Petropavlovsk-Kamchatskiy
		Main	Vanino	002734421	48°55'.00N 140°20'.00E	45	Operational	SD	24 hrs	MRSC Yuzhno-Sakhalinsk

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XIII (cont.)	Russian Federation (cont.)	Main	Yuzhno-Sakhalinsk	002733733	-	-	Operational	SD	24 hrs	MRSC Yuzhno-Sakhalinsk
		Monitor	Korsakov		46°45'.00N 142°27'.00E	42				
			Nevel'sk		46°38'.00N 141°51'.00E	40				
			Kholmsk		47°02'.00N 142°03'.00E	31				
			Cape Svobodniy		46°50'.00N 144°26'.00E	32				
XIV	NONE									
XV	Chile	Main	Iquique	007250020	20º12'.68S 070º09'.22W	64	Operational	SD	24 hrs	MRCC Iquique
		Main	Arica	007250010	18º29'.10S 070º19'.16W	39				MRSC Arica
		Main	Antofagasta	007250050	23º40'.67S 070º24'.48W	30				MRSC Antofagasta
		Main	Tocopilla	007250030	22º05'.25S 070º12'.15W	15				
		Main	Mejillones	007250040	23º05'.40S 070º27'.00W	15				
		Main	Taltal	007250060	25º24'.30S 070º29'.02W	15				
		Main	Chañaral	007250070	26º21'.00S 070º38'.20W	15				MRSC Caldera
		Main	Caldera	007250080	27º03'.58S 070º49'.23W	15				
		Main	Huasco	007250090	28º27'.40S 071º13'.30W	15				
		Main	Isla de Pascua	007250100	27º08'.98S 109º26'.22W	44				MRSC Isla de Pascua
		Main	Coquimbo	007250110	29º56'.30S 071º20'.10W	62	Operational	SD	24 hrs	MRSC Coquimbo
		Main	Los Vilos	007250120	31º54'.15S 071º31'.23W	15				
		Main	Quintero	007250125	32º46'.21S 071º31'.28W	15				MRCC Valparaíso
		Main	Juan Fernández	007250130	33º37'.11S 078º49'.39W	15				
		Main	Valparaíso	007251860	33º04'.70S 071º36'.80W	63		PS		
		Main	San Antonio	007250140	33º34'.00S 071º37'.00W	31		SD		MRSC San Antonio
		Main	Constitución	007250150	35º19'.10S 072º24'.05W	15				MRCC Talcahuano
		Main	Talcahuano	007250170	36º41'.25S 073º06'.52W	32				MRCC Talcahuano
		Main	Corral	007250210	39º53'.01S 073º25'.31W	15				MRSC Valdivia
		Main	Valdivia	007250220	39º48'.50S 072º14'.51W	15				
		Main	Puerto Montt	007250230	41º28'.83S 072º57'.67W	34				MRCC Puerto Montt
		Main	Corona	007250235	41º47'.04S 073º52'.33W	26				
		Main	Ancud	007250240	41º52'.04S 073º50'.20W	15				MRSC Castro
		Main	Castro	007250250	42º28'.58S 073º46'.04W	15				
		Main	Chaitén	007250260	42º55'.00S 072º43'.27W	15				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XV (cont.)	Chile (cont.)	Main	Quellon	007250270	43º07'.32S 073º37'.42W	15				
		Main	Melinka	007250280	43º53'.54S 073º44'.45W	15				MRSC Puerto Aysen
		Main	Isla Guafo	007250290	43º33'.54S 074º49'.50W	33				MRCC Puerto Montt
		Main	Puerto Aguirre	007250294	45º09'.45S 073º31'.36W	15				MRSC Puerto Aysen
		Main	Puerto Chacabuco	007250298	45º26'.48S 072º49'.18W	15				
		Main	Aysen	007250300	45º24'.29S 072º43'.05W	16				MRSC Aysen
		Main	Cabo Raper	007250310	46º49'.08S 075º37'.23W	22				MRSC Puerto Aysen
		Main	San Pedro	007250320	47º42'.39S 074º53'.35W	18				MRCC Punta Arenas
		Main	Puerto Edén	007250330	49º08'.20S 074º27'.10W	15				
		Main	Puerto Natales	007250340	51º44'.54S 072º32'.10W	15				
		Main	Faro Evangelistas	007250350	52º23'.07S 075º05'.54W	21				
		Main	Faro Fairway	007250360	52º43'.53S 073º46'.42W	19				
		Main	Bahia Felix	007250370	52º57'.43S 074º04'.51W	19				
		Main	Magallanes	007250380	53º09'.92S 070º54'.28W	64				
		Main	Punta Delgada	007250390	52º27'.12S 069º33'.15W	17				
		Main	Punta Dungeness	007250400	52º24'.00S 068º26'.00W	21				
		Main	Espíritu Santo	007250410	52º39'.32S 068º36'.42W	24				
		Main	Puerto Williams	007250420	54º55'.57S 067º36'.27W	22				MRSC Puerto Williams
		Main	Wollaston	007250430	55º36'.48S 067º25'.48W	28				
		Main	Diego Ramírez	007250440	56º31'.24S 068º42'.36W	28				
		Main	Bahía Fildes	007250450	62º11'.48S 058º55'.30W	15				MRSC Chilean Antarctic
		Main	Bahía Paraíso (Antarctic)	007250470	64º49'.23S 062º51'.34W	15				
XVI	Peru	Main	Callao	007600125	12º03' S 077º09' W	50	Operational	PS	24 hrs	MRCC Callao
		Main	Chimbote	007600126	09º08' S 078º37' W	12		SD		MRSC Chimbote
		Main	Huacho	007600128	11º07' S 077º37' W	30				MRSC Huacho
		Main	Ilo	007600132	17º39' S 071º21' W	53				MRSC Ilo
		Main	Iquitos	007600133	03º48' S 073º15' W	30				MRCC Callao
		Main	Mollendo	007600129	17º01' S 072º01' W	30				MRCC Mollendo
		Main	Paita	007600121	05º05' S 081º07' W	30				MRCC Paita
		Main	Pimentel	007600123	06º50' S 079º56' W	25		SD		MRSC Pimentel
		Main	Pisco	007600130	13º43' S 076º13' W	17				MRSC Pisco
		Main	Puno	007600134	15º85' S 070º01' W	30				MRCC Paita

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
XVI (cont.)	Peru (cont.)	Main	Salavery	007600124	08º13' S 078º59' W	25				MRCC Salavery
		Main	San Juan	007600131	15º22' S 075º10' W	30				MRCC San Juan
		Main	Supe	007600127	10º48' S 077º44' W	15				MRCC Supe
		Main	Talara	007600122	04º35' S 081º17' W	30				MRCC Talara
		Main	Zorritos	007600120	03º40' S 080º40' W	30				MRCC Zorritos
			Chancay		11º35' S 077º16' W	30				MRCC Chancay
XX	Russian Federation	Main	Murmansk	002734420	68°59'.00N 033°04'.00E		Operational	SD	24 hrs	MRCC Murmansk
		Monitor	Abram-Mys		68°58'.00N 033°01'.00E	16.5				
			Krestovy		69°08'.00N 033°32'.00E	45				
			Set-Navolok		69°24'.00N 033°30'.00E	30				
		Main	Arkhangel'sk	002734414	64°32'.00N 040°32'.00E	25.6	Operational	SD	24 hrs	MRCC Arkhangelsk
		Monitor	Mudyug		64°51'.00N 040°17'.00E	24.5				

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SD = Safety and Distress
PS = Public Correspondence and Safety and Distress
"Monitor" stations include remote-controlled stations

ANNEX 3

LIST OF MF DSC COAST STATIONS FOR SEA AREA A2

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
I	Belgium	Main	Oostende Radio	002050480	51°20'.04N 003°12'.00E	155	Operational	PS	24 hrs	Oostende MRCC
	Denmark	Main	Lyngby Radio	002191000	-	-	Operational	PS	24 hrs	SOK, Aarhus
		Monitor	Blaavand		55°33'.24N 008°06'.80E	153				
			Skagen		57°44'.00N 010°34'.00E	148				
	Estonia	Main	Tallinn	002761100	-	-	Operational	SD	24 hrs	JRCC Tallinn
		Monitor	Undva	002761000	58°30'.37N 021°55'.39E	150				
		Main	Tallinn North	002760100	59°24'.00N 024°40'.00E	150				
		Main	Kuressaare West	002760120	58°15'.00N 022°29'.00E	150				
	Finland	Main	MRCC Turku	002301000	-	-	Operational	SD	24 hrs	MRCC Turku (Back up by MRSC Helsinki)
		Monitor	Hailuoto		65°01'.57N 024°35'.16E					
			Vaasa		63°06'.04N 021°34'.36E					
			Mariehamn		60°06'.47N 019°56'.59E					
	France	Main	Ouessant (transmission)	002275300	48°28'.00N 005°03'.00W	140	Operational	SD	24 hrs	MRCC Corsen
		Main	Corsen (reception)		48°24'.00N 004°47'.00W	140				
	Iceland	Main	Reykjavik Radio	002510100	64°05'.00N 021°51'.00W	216	Operational	SD/PS	24 hrs	MRCC Reykjavik
		Monitor	Isafjordur		66°05'.00N 023°02'.00W	227				
			Siglufjordur		66°11'.00N 018°57'.00W	216				
			Neskaupstadur		65°09'.00N 013°42'.00W	194				
			Hornafjordur		64°15'.00N 015°13'.00W	194				
			Vestmannaejar		63°26'.00N 020°16'.00W	194				
	Ireland	Main	Malin Head Radio	002500100	55°21'.00N 007°20'.00W	150	Operational	SD	24 hrs	MRSC Malin Head
			Valentia Radio	002500200	51°55'.00N 010°20'.00W	150				MRSC Valentia
	Latvia	Main	Riga Rescue Radio	002750100	57°02'.00N 024°05'.00E	150	Operational	SD	24 hrs	MRCC Riga
		Monitor	Uzava		57°13'.00N 021°26'.00E	120				
			Akmenrags		56°50'.00N 021°03'.00E	120				

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
I (cont.)	Lithuania	Main	MRCC Klaipeda	002770330	56°01'.00N 021°05'.00E	100	Operational	SD	24 hrs	MRCC Klaipeda
	Netherlands		Netherlands Coastguard Radio (PBK)	002442000			Operational	SD	24 hrs	JRCC Den Helder
		Main	Scheveningen (TX)		52°05'.41N 004°15'.27E	240				
		Back-up	Appingedam (TX)		53°20'.08N 006°51'.33E	150				
		Monitor	West-Terschelling (RX)		53°21'.26N 005°12'.51E	150				
			Noordwijk Radio (RX)		52°17'.35N 004°28'.19E	150				
	Norway	Main	Tjøme Radio (Jeløy)	002570100	59°26'.11N 010°35'.35E	200	Operational	PS	24 hrs	JRCC South Norway Stavanger
		Main	Rogaland Radio (Vigre)	002570300	58°39'.00N 005°36'.00E	200				
		Monitor	Farsund		58°04'.21N 006°44'.40E	200				
			Bergen		60°42'.31N 004°52'.42E	200				
		Main	Florø Radio	002570500	61°35'.00N 005°00'.00E	200				
		Monitor	Ørlandet		63°40'.59N 009°35'.25E	200				
		Main	Bodø Radio (Bodøsjøen)	002570700	67°16'.00N 014°23'.00E	200				JRCC North Norway Bodø
		Monitor	Sandnessjøen		66°01'.00N 012°37'.00E	200				
			Andenes		69°18'.00N 016°04'.00E	200				
			Jan Mayen		70°57'.00N 008°40'.01W	200				
			Bjornøya		74°31'.00N 019°01'.00E	200				
			Svalbard Radio		78°02'.00N 013°40'.00E	200				
		Main	Vardø Radio	002570800	70°22'.00N 031°06'.00E	200				
		Monitor	Tromsø		69°39'.00N 018°57'.00E	200				
			Hammerfest		70°39'.88N 023°40'.71E	200				
			Berlevåg		70°52'.00N 029°04'.00E	200				
	Poland	Main	Witowo Radio	002610210	Jarosławiec (Rx) 54˚32'33"N 15˚33'26"E Barzowice (Tx) 54˚28'25"N 16˚30'19"E	150	Operational	SD	24 hrs	RCC Gdynia
	Russian Federation	Main	Kaliningrad Rx	002734417	54°45'.00N 020°35'.00E	125	Operational	SD	24 hrs	MRCC Kaliningrad
			Kaliningrad Tx		54°43'.00N 020°44'.00E					
			Saint Petersburg	002733700	59°53'.00N 030°13'.00E	150				MRCC St. Petersburg

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
I (cont.)	Russian Fed. (cont.)		Rx Gorki		59°48'.00N 028°30'.00E					
			Tx Karavaldayskiy		59°59'.00N 029°07'.00E					
	Sweden	Main	Göteborg	002653000	--	--	Operational	SD	24 hrs	JRCC Sweden
		Monitor	Bjuröklubb		64°28'.00N 021°36'.00E	210				
			Härnösand		62°42'.00N 018°07'.00E	210				
	Sweden (cont.)	Monitor	Tingstäde		57°41'.00N 018°35'.00E	250	Operational	SD	24hrs	JRCC Sweden
			Gislövshammar		55°28'.00N 014°18'.00E	210				
			Grimeton		57°06'.00N 012°23'.00E	150				
	United Kingdom	Main	Aberdeen	002320004	57°39'.00N 002°14'.00W	150	Operational	SD	24 hrs	MRCC Aberdeen
			Humber	002320007	54°07'.00N 000°05'.00W	150				MRCC Humber
			Stornoway	002320024	58°28'.00N 006°14'.00W	150				MRCC Stornoway
			Holyhead	002320018	53°18'.00N 004°41'.00W	150				MRCC Holyhead
			Falmouth	002320014	49°58'.00N 005°12'.00W	150				MRCC Falmouth
			Tiree	002320022	56°32'.00N 006°48'.00W	150				MRCC Clyde
			Milford Haven	002320017	51°41'.00N 005°10'.00W	150				MRCC Milford Haven
			Lerwick	002320001	60°09'.00N 001°08'.00W	150				MRCC Shetland
	Associate Member of IMO: Faroes (Denmark)	Main	Torshavnradio	002311000	62°00'.87N 006°47'.45W	225	Operational	PS	24hrs	MRCC Torshavn
II	Benin	Main	Cotonou Radio	006100001	06°28'.00N 002°20'.00E	150	Operational	N. I.	24 hrs	PTT Cotonou
	Cameroon	Main	Douala Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Cape Verde	Main	San Vicente Radio (D4A) (Riberia de Vinha – S. Vic. Island)	006170000	16°51'.1 N 025°00'.3 W	200	Operational	PS	24 hrs	MRCC CPB
	Congo	Main	Pointe Noire Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Côte d'Ivoire	Main	Abidjan Radio	006191000	05°19'.34N 004°01'.02 W	500	Operational	PS	24 hrs	MRCC Abidjan
		Monitor	Kouakro		05°15'.46N 003°29'.26 W					
			Grand Lahou		05°15'.46N 005°00'.39 W					
			Sassandra		04°57'.07N 006°05'.30 W					
			San Pedro		04°44'.20N 006°37'.30 W					
			Tabou		04°24'.42N 007°21'.44 W					
			Marcory		05°21'.42N 003°57'.48 W					

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
II (cont.)	Democratic Republic of the Congo	Main	Banana Radio		N. I.	N. I.	Planned [N. I.]	PS	N. I.	
	France	Main	Ouessant (TX)	002275300	48°28'.00N 005°03'.00W	140	Operational	SD	24 hrs	MRCC Corsen
			Corsen (RX)		48°24'.00N 004°47'.00W	140				
	Ghana	Main	Tema Radio	N. I.	05°37'.00N 000°00'.00E	100	Planned [N. I.]	N. I.	N. I.	Harbour Master's Office, Accra
	Guinea	Main	Kamsar Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Guinea-Bissau	Main	Bissau Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Liberia	Main	Monrovia Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Mauritania	Main	Nouadhibou Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Portugal	Main	MRCC Lisboa	002630100	38°41'.00N 009°19'.00W	200	Planned [N. I.]	SD	24 hrs	MRCC Lisboa
		Monitor	Apulia Radio	002630200	41°28'.00N 008°45'.00W	200				
			Sagres Radio	002630400	37°00'.00N 008°56'.00W	200				
		Main	MRCC Delgada	002040100	37°44'.00N 025°40'.00W	200				MRCC Delgada, RCC Lages
		Monitor	Horta Radio	002040200	38°38'.00N 028°32'.00W	200				
			Delgada Radio	002040300	37°44'.00N 025°40'.00W	200				
		Main	MRSC Funchal	002550100	32°38'.00N 016°54'.00W	200				MRSC Funchal, RCC Lisboa
		Monitor	Porto Santo Radio	002550200	33°04'.00N 016°21'.00W	200				
	Senegal	Main	MRCC Dakar	006630005	14°39'.00N 017°28'.00W	200	Operational	PS	24 hrs	
	Sierra Leone	Main	Wilberfree Hill Radio		N. I.	N. I.	Planned [N. I.]	N. I.	N. I.	
	Spain	Main	Bilbao CCR	002241021	-	-	Operational	SD	24 hrs	MRCC Bilbao
		Monitor	Machichaco		43°27'.02N 002°45'.12W	150				
			Cabo Peñas		43°39'.22N 005°50'.53W	150				MRCC Gijón
		Main	Coruña CCR	002241022	43°21'.57N 008°27'.10W	150				MRSC Coruña
		Monitor	Finisterre		42°53'.32N 009°16'.28W	150				MRCC Finisterre
		Main	Málaga CCR	002241023	-	-				MRCC Tarifa
		Monitor	Chipiona		36°40'.31N 006°24'.28W	150				
			Tarifa		36°02'.32N 005°33'.24W	150				
			Conil							
		Main	Las Palmas CCR	002241026	27°45'.23N 015°36'.10W	150				MRCC Las Palmas
		Monitor	Arrecife		29°08'.00N 013°30'.52W	150				
			Tenerife		28°25'.30N 016°19'.41W	150				MRCC Tenerife

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
III	Algeria	Main	Alger	006052110	36°44'.00N 003°10'.00E	200	Operational		24 hrs	CNOSS Alger
		Main	Oran	006054117	35°42'.00N 000°38'.00E	200				CROSS Oran
		Main	Annaba	006053814	36°54'.00N 007°45'.00E	200				CROSS Jijel
	Azerbaijan	Main	Baku (Caspian Sea)	004231000	40°21'.21N 049°49'.87E	Testing 200	Operational	SD	24 hrs	MRCC Baku
		Monitor	Chilov		40°19'.63N 050°36'.73E	Testing 200	Operational			
	Bulgaria	Main	Varna Radio	002070810	43°04'.01N 027°47'.19E	200	Operational	PS	24 hrs	MRCC Varna
	Croatia	Main	MRCC Rijeka	002387010	45°19'.00N 014°27'.00E	160	Operational	SD	24hrs	MRCC Rijeka
	Cyprus	Main	Cyprus Radio	002091000	35°02'.57N 033°17'.04E	200	Operational	PS	24 hrs	JRCC Larnaca
	Egypt	Main	Alexandria Radio	006221111	31°12'.00N 029°54'.00E	200	Operational	PS	24 hrs	RCC Cairo
			Port Said Radio	006221113	31°15'.00N 032°19'.00E	200				
	France	Main	Porquerolles (TX)	002275400	42°59'.07N 006°12'.40E	110	Operational	SD	24 hrs	MRCC La Garde
			La Garde (RX)		43°06'.32N 005°59'.35E	110				
	Georgia	Main	MRCC Georgia	002130100	41°38'.73N 041°39'.05E	150	Operational	SD	24 hrs	MRCC Georgia
	Greece	Main	Olympia Radio	002371000	38°01'.00N 023°50'.00E		Operational	PS	24 hrs	Piraeus JRCC 37°58' N 023°40' E
		Monitor	Iraklion Radio		35°20'.00N 025°07'.00E	200				
			Kerkyra Radio		39°37'.00N 019°55'.00E	200				
			Limnos Radio		39°52'.00N 025°04'.00E	200				
			Rodos Radio		36°26'.00N 028°15'.00E	200				
		Main	Piraeus RCC[1]	237673000[2] & 002392000	37°58'.00N 023°40'.00E	100		SD		
			Aspropirgos Radio[3]	002391000	38°03'.00N 023°35'.00E	130			Watch hours[3]	
	Iran, (Islamic Republic of)	Main	Anzali Radio (Caspian Sea)	004225500	37°28'.00N 049°27'.00E	250	Operational	PS	24 hrs	
		Main	Amir Abad Radio (Caspian Sea)	004225601	36°51'.00N 048°17'.00E	250				
	Israel		Haifa	004280001	32°54'.5 N 035°07'.6 E	150	Operational	SD	24 hrs	RCC Haifa

(1) DSC MF Station, operated by Hellenic Coast Guard, keeping 24 hours watch on Distress frequency for additional safety only.
(2) Ship Station MMSI.
(3) Aspropirgos Radio operates 0500-1200 UTC during working days and remains in hot standby condition in case is needed.

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
III (cont.)	Italy	Main	Roma	002470001	-	-	Operational	PS	24 hrs	
		Monitor	Trieste (Monte Radio)		45°40'.00N 013°46'.00E	200				MRSC Trieste
			Ancona (Forte Millo)		43°36'.00N 013°28'.00E	200				MRSC Ancona
			Cagliari (Margine Rosso)		39°13'.00N 009°14'.00E	200				MRSC Cagliari
			Roma (Torvajanica)		41°37'.00N 012°29'.00E	200				MRCC Roma
			Genova (Castellaccio)		44°25'.00N 008°56'.00E	200				MRSC Genova
		Main	Palermo	002470002	-	-	Operational	PS	24 hrs	
		Monitor	Palermo (Punta Raisi)		38°11'.00N 013°06'.00E	200				MRSC Palermo
			Mazara del'Vallo		37°39'.00N 012°36'.00E	200				
			Augusta		37°14'.00N 015°14'.00E	200				MRSC Catania
			Bari (Monteparano)		40°26'.00N 017°25'.00E	200				MRSC Bari
	Lebanon	Main	Beirut Radio	004501000	33°50'.00N 035°31'.00E	150	Operational	SD/PS	24 hrs	Lebanese Army
	Malta	Main	Malta Radio	002150100	35°51'.30N 014°29'.30E	250	Operational	SD	24 hrs	RCC Malta
	Republic of Montenegro	Main	Bar Radio	002620001	42°03'.15N 019°09'.20E	150	Operational	SD	24 hrs	MRCC - Bar
	Romania	Main	Constanta Radio	002640570	44°06'.00N 028°38'.00E	400	Operational	PS	24 hrs	Constanta Harbour's Master
	Russian Federation	Main	Novorossiysk	002734411	44°41'.00N 037°47'.00E	173	Operational	SD	24 hrs	MRCC Novorossiysk
		Monitor	Rx/Tx Doob		44°36'.00N 037°58'.00E					
		Main	Taganrog	002734487	47°12'.00N 038°57'.00E	86	Operational	SD	24 hrs	MRSC Taman'
		Monitor	Rx Beglica		47°08'.00N 038°30'.00E					
			Tx Veselo-Voznesenka		47°08'.00N 038°18'.00E					
		Main	Temryuk	002734411	45°19'.00N 037°13'.00E	70	Operational	SD	24 hrs	MRSC Taman'
		Main	Astrakhan (Caspian Sea)	002734419	46°18'.00N 047°58'.00E	120	Operational	SD	24 hrs	MRCC Astrakhan
		Monitor	Rx Iskusstvennyi		45°23'.00N 047°47'.00E					
			Tx Ninovka		45°51'.00N 047°39'.00E					
		Main	Makhachkala (Caspian Sea)	002734423	42°59'.00N 047°30'.00E	150	Operational	SD	24 hrs	MRCC Astrakhan
		Monitor	Rx Sulak		43°15'.00N 047°32'.00E					
			TX Makhachkala		43°00'.00N 047°28'.00E					

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
III (cont.)	Spain	Main	Valencia CCR	002241024	-	-	Operational	SD	24 hrs	MRCC Valencia
		Monitor	Bagur		-	-				MRCC Barcelona
			Palma		39°21'.12N 002°58'.37E	150				MRCC Palma
			Cabo La Nao		38°43'.24N 000°09'.40W	150				MRCC Valencia
			Cabo de Gata		36°43'.25N 002°11'.32W	150				MRCC Almería
	Syria	Main	Lattakia Radio	-	36°32'.05N 035°46'.00E	400	Operational	PS	24 hrs	- - -
	Turkey	Main	Antalya	002713000	36°09'.10N 032°26'.43E	400-500	Operational	PS	24 hrs	MSRCC Ankara
			Istanbul	002711000	40°59'.00N 025°49'.00E	400-500				
			Izmir	002715000	38°16'.53N 026°16'.03E	400-500				
			Samsun	002712000	41°23'.11N 036°11'.22E	400-500				
	Ukraine	Main	Odessa	002723660	46°22'.63N 030°45'.00E	200	On trial	SD	24 hrs	MRCC Odesa
IV	Bermuda (United Kingdom)	Main	Bermuda Harbour Radio	003100001	32°23'.00N 064°41'.00W	200	Operational	SD	24 hrs	RCC Bermuda
	Curaçao (The Netherlands)	Main	Ronde Klip TX	003061000	12°10'.00N 068°52'.00W	400	Operational	PS	24 hrs	JRCC Curaçao
		Monitor	Sint Joris RX		12°08'.00N 068°50'.00W					
	Greenland (Denmark)	Main	Aasiaat	003313000	-	-	Operational	SD	24 hrs	MRCC Grønnedal
			Sisimiut		66°55'.26N 053°39'.99W	270				
			Nuuk		64°04'.13N 052°00'.42W	250				
			Qaqortoq		60°41'.00N 046°36'.00W	220				
			Paamiut		62°00'.00N 049°43'.00W	230				
			Ikerasassuaq		60°03'.42N 043°09'.55W	220				
			Tasiilaq (E Coast)		65°36'.00N 037°38'.00W	280				
	Jamaica	N. I.					Planned [N. I.]			
	Mexico	Main	Tampico	003450110	22°12'.55N 097°51'.45W	150	Operational	PS	24 hrs	Zona Naval 1
		Monitor	Veracruz	003450310	19°06'.53N 096°08'.03W	150	Planned [2005]			Zona Naval 3
			Cd. del Carmen	003450710	18°39'.06N 092°07'.00W	150	Planned [2006]			Zona Naval 5
			Progreso	003450910	21°16'.08N 089°41'.47W	150	Planned [2005]			Sector Naval de Yucalpeten
			Cozumel	003451110	20°28'.28N 086°46'.00W	150	Planned [2005]	PS	24 hrs	Subsector Naval de Cozumel

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
IV (cont.)	United States	Main	Woods Hole	003669902	41°31'.00N 070°40'.00W	200	Pre-operational	SD	24 hrs	Boston
		Monitor	Brant Point		41°18'.00N 070°05'.00W	200				
		Main	Cape May	003669903	38°57'.00N 074°53'.00W	200				Portsmouth
			Cape Hatteras	003669906	35°14'.00N 075°32'.00W	200				
			Charleston	003669907	32°47'.00N 079°57'.00W	200				Miami RCC
		Monitor	Sullivans Island		32°46'.00N 079°50'.00W	200				
		Main	New Orleans	003669908	29°53'.00N 089°57'.00W	200				New Orleans RCC
		Monitor	Grand Isle		29°15'.00N 089°58'.00W	200				
		Main	Mobile	003669914	30°39'.00N 088°03'.00W	200				
		Monitor	Santa Rosa		30°19'.00N 087°15'.00W	200				
		Main	Galveston	003669915	29°20'.00N 094°46'.00W	200				
		Monitor	Freeport		28°56'.00N 095°18'.00W	200				
		Main	Corpus Christi	003669916	27°48'.00N 097°24'.00W	200				
		Monitor	Port Isabel		26°04'.00N 097°10'.00W	200				
		Main	St. Petersburg	003669917	27°46'.00N 082°38'.00W	200	Pre-operational	SD	24 hrs	Miami RCC
		Monitor	Venice		27°06'.00N 082°22'.00W	200				
			Chokoloskee		25°50'.00N 081°23'.00W	200				
			Mullet Key		27°38'.00N 082°44'.00W	200				
		Main	Key West	003669918	24°33'.00N 081°48'.00W	200				
		Monitor	Marathon		24°42'.00N 081°05'.00W	200				
		Main	Miami Group	003669919	25°54'.00N 080°16'.00W	200				
		Monitor	Islamorada		27°57'.00N 080°37'.00W	200				
			Ft. Pierce		27°26'.00N 080°20'.00W	200				
		Main	Fort Macon	003669920	34°41'.00N 076°41'.00W	200				Portsmouth
		Main	Southwest	003669921	44°17'.00N 068°19'.00W	200				Boston
		Main	Mayport	003669925	30°23'.00N 081°19'.00W	200				Miami RCC
		Main	Boston Group	003669927	42°22'.00N 071°03'.00W	200				Boston
		Main	South Portland	003669928	43°39'.00N 070°15'.00W	200				
		Main	Sandy Hook	003669929	40°28'.00N 074°01'.00W	200				
		Main	New York	003669930	40°41'.00N 074°01'.00W	200				
		Main	New Haven	003669931	41°16'.00N 072°54'.00W	200				
		Main	Chincoteague	003669932	37°56'.00N 075°23'.00W	200				Portsmouth
		Main	Hampton Roads	003669933	36°53'.00N 076°21'.00W	200				
		Main	Portland	003669934	43°40'.00N 070°15'.00W	200				Boston
		Main	Moriches	003669936	40°47'.00N 072°45'.00W	200				

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
IV (cont.)	United States (cont.)	Monitor	Shinnecock		40°51'.00N 072°30'.00W	200				
		Main	Boston	003669991	41°39'.00N 070°30'.00W	200	Operational			Boston RCC
		Main	Portsmouth	003669995	36°44'.00N 076°01'.00W	200				Portsmouth
		Main	Miami	003669997	25°37'.00N 080°23'.00W	200				Miami RCC
		Main	San Juan	003669992	18°28'.00N 066°07'.00W	200	Pre-operational			San Juan RCC
		Main	New Orleans	003669998	29°53'.00N 089°57'.00W	200	Operational			New Orleans RCC
	Venezuela		N. I.				Planned [1999]			
V	NONE									
VI	Argentina	Main	Argentina Radio	007010111	34°36'.00S 058°28'.00W	200	Operational	PS	24 hrs	MRCC Buenos Aires
		Main	Mar del Plata	007010221	38°03'.00S 057°32'.00W	150		SD		MRCC Puerto Belgrano
		Main	Mar del Plata PNA Radio	007010003	38°03'.00S 057°32'.00W	150				MRSC Mar del Plata
		Main	Puerto Deseado	007010009	47°46'.00S 065°54'.00W	150				MRCC Puerto Belgrano
		Main	Comodoro Rivadavia Radio	007010008	45°51'.00S 067°25'.00W	150	Operational	SD	24 hrs	MRSC Comodoro Rivadavia
		Main	Rio Gallegos PNA Radio	007010010	51°37'.00S 069°03'.29W	150				MRSC Rio Gallegos
		Main	Ushuaia PNA Radio	007010011	54°48'.00S 068°18'.00W	150				MRCC Ushuaia
		Main	I. Orcadas Radio	N. I.	60°45'.00S 044°44'.00W	150				
		Main	San Blas PNA Radio	007010006	40°33'.00S 062°14'.00W	150				MRSC Bahia Blanca
	Uruguay	Main	Montevideo Radio	007703870	34°52'.00S 056°19'.00W	100	Operational	SD	24 hrs	MRCC Uruguay
VII	Angola	Main	Luanda Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	Comoros	Main	Moroni Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	Madagascar	Main	Toamasina Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
		Main	Mahajanga Radio		N. I.	200				
		Main	Toliara Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	Mozambique	Main	Maputo Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
VIII	India	Main	Mumbai	004192203	18°55'.00N 072°50'.00E	250	Operational	SD	24hrs	MRCC Mumbai
		Main	Chennai	004194401	13°06'.00N 080°18'.00E	250		SD	24hrs	MRCCChennai
		Main	Port Blair	004194409	11°41'.00N 092°46'.00E	250		SD	24hrs	MRCC Port Blair
		Main	Porbandar	004192202	21°38'.00N 069°37'.00E	200		SD	24hrs	MRCC Mumbai
		Main	Haldia	004194404	22°02'.00N 088°06'.00E	200		SD	24hrs	MRCC Chennai
		Main	Mandapam	004194406	09°17'.00N 079°05'.00E	200		SD	24hrs	MRCC Chennai
		Main	Daman	004192201	20°25'.00N 072°52'.00E	200		SD	24hrs	MRCC Mumbai

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
VIII (cont.)	Kenya	Main	Mombasa Radio		N. I.	200		N. I.	N. I.	
	Mauritius		Cassis	006452700	20°09'.00S 057°28'.00E	150	Operational	SD	24 hrs	3BM
			Belle Mare	006452700	20°11'.00S 057°46'.00E	150	Operational	SD	24 hrs	3BM
	Myanmar	TBD								
	Seychelles	Main	Seychelles Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	Tanzania	Main	Dar-es-Salaam Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
IX	Djibouti	Main	Djibouti Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	Egypt	Main	Kosseir Radio	006221112	26°06'.00N 034°17'.00E	200	Operational	PS	24 hrs	RCC Cairo
		Main	Abbas Radio (Persian Gulf)	004225300	27°06'.00N 056°03'.00E	250	Operational	PS	24 hrs	
		Main	Khomeini Radio (Persian Gulf)	004225100	30°25'.00N 049°03'.00E	250				
	Iraq	Main	Um Qasr	004250001	30.01.541N 47.56.473E	100	Operational	SD	24 hrs	
	Jordan	Main	Aqaba Radio	004381234	29°33'.00N 034°59'.00E	350	Planned [N. I.]	PS	24 hrs	
	Oman	Main	Muscat Radio		23°36'.00N 058°30'.00E	100	Planned [N. I.]	PS	N. I.	HQ Royal Air Force of Sultanate of Oman
	Saudi Arabia	Main	Damman Radio	-	26°26'.00N 050°06'.00E	200	Planned [N. I.]	N. I.	N. I.	
		Main	Jeddah Radio	004030000	21°14'.00N 039°09'.00E	500	Operational	SD	24 hrs	RCC Riyadh
	Sudan	Main	Port Sudan Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	United Arab Emirates	N. I.	N. I.		N. I.	200	Planned [1995]	N. I.	N. I.	
X	NONE									
XI	China	Main	Basuo Radio	004123600	19°06'.00N 108°37'.00E	100	Operational	SD	24 hrs	Basuo HAS
		Main	Beihai Radio	004123400	21°29'.00N 109°04'.00E	100				Beihai HSA
		Main	Dalian Radio	004121300	38°50'.00N 121°31'.00E	100				Liaoning MRCC
		Main	Fuzhou Radio	004122600	26°01'.00N 119°18'.00E	100				Fujian MRCC
		Main	Guangzhou Radio	004123100	23°08'.00N 113°29'.00E	100				Guangdong MRCC
		Main	Lianyungang Radio	004122300	34°42'.00N 119°18'.00E	100				Lianyungang MRCC
		Main	Ningbo Radio	004122400	30°01'.00N 121°30'.00E	100				Ningbo HAS
		Main	Qingdao Radio	004122200	36°10'.00N 120°28'.00E	100				Qingdao MRSC
		Main	Sanya Radio	004123700	18°14'.00N 109°30'.00E	100				Sanya HSA
		Main	Shantou Radio	004123200	23°21'.00N 116°40'.00E	100				Shantou MRSC
		Main	Tianjin Radio	004121100	39°00'.00N 117°25'.00E	100				Tianjin MRCC

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	China (cont.)	Main	Xiamen Radio	004122700	24°35'.00N 118°06'.00E	100				Xiamen MRSC
		Main	Wenzhou Radio	004122500	28°01'.00N 120°38'.00E	100				Wenzhou HAS
		Main	Yantai Radio	004121400	37°32'.00N 121°22'.00E	100				Yantai MRSC
		Main	Zhanjiang Radio	004123300	21°09'.00N 110°21'.00E	100				Zhanjiang RSC
		Main	Shanghai Radio	004122100	31°06'.00N 121°32'.00E	100				Shanghai MRCC
	Indonesia	Main	Ambina	005250006	03°41'.57S 128°10'.40E	100	Operational	PS	24 hrs	MRSC Ambon
		Main	Atapupu	-	09°01'.30S 124°51'.40E	100	Planned			MRSC Kupang
		Main	Balikpapan	005250009	01°16'.15S 116°48'.30E	100	Operational			MRSC Balik Papan
		Main	Banabungi	-	05°30'.50S 122°50'.40E	100	Planned			MRSCC Ujung Pandang
		Main	Banjarmasin	-	03°19'.40S 114°35'.35E	100				MRSC Banjarmasin
		Main	Batu Ampar	005250012	01°09'.50N 104°00'.01E	100	Operational			MRSC Tanjung Pinang
		Main	Bawean	-	05°51'.20S 112°39'.20E	100	Planned			MRCC Surabaya
		Main	Belawan	005250003	03°43'.17N 098°40'.08E	100	Operational			MRSC Medan
		Main	Bengkulu	-	03°46'.30S 102°18'.31E	100	Planned			MRSC Palembang
		Main	Benoa	005250014	08°44'.40S 115°12'.32E	100				MRSC Denpasar
		Main	Biak	005250031	01°11'.10S 136°04'.36E	100	Operational			MRCC Biak
		Main	Bima	-	08°26'.28S 118°43'.28E	100	Planned			MRSC Denpasar
		Main	Bintuni	-	02°07'.11S 133°30'.04E	100	Planned			MRSC Sorong
		Main	Bitung	005250005	01°26'.50N 125°10'.53E	100	Operational			MRSC Menado
		Main	Celukan Bawamg	-	08°11'.23S 114°49'.49E	100	Planned			MRSC Palembang
		Main	Cigading	005250033	05°56'.05S 106°00'.23E	100				MRCC Jakarta
		Main	Cilacap	005250030	07°44'.25S 109°02'.23E	100	Operational			MRCC Jakarta
		Main	Cirebon	005250032	06°43'.00S 108°34'.20E	100	Planned			MRCC Jakarta
		Main	Dabo Singkep	-	00°30'.10S 104°34'.00E	100				MRSC Pekanbaru
		Main	Donggala	-	00°40'.30S 119°44'.47E	100	Planned			MRSC Menado
		Main	Dumai	005250004	01°41'.10N 101°27'.20E	100	Operational			MRSC Pekanbaru
		Main	Ende	-	08°50'.20S 121°38'.38E	100	Planned			MRSC Kupang
		Main	Fak-Fak	005250026	02°56'.02S 131°17'.56E	100	Operational			MRSC Sorong
		Main	GN Sitoli	-	02°16'.53N 097°37'.16E	100	Planned			MRSC Medan
		Main	Gorontalo	-	00°30'.30N 123°03'.49E	100				MRSC Menado
		Main	Gresik	-	07°09'.30S 112°35'.40E	100				MRCC Surabaya
		Main	Jakarta	005250000	06°07'.28S 106°51'.16E	100	Planned			MRCC Jakarta
		Main	Jambi	-	01°36'.50S 103°36'.51E	100				MRSC Padang
		Main	Jayapura	005250007	02°31'.10S 140°43'.22E	100	Operational			MRSC Jayapura

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	Indonesia (cont.)	Main	Kaimana	-	03°40'.00S 135°45'.15E	100	Planned			MRSC Sorong
		Main	Kalabahi	-	08°13'.18S 124°30'.40E	100				MRSC Denpasar
		Main	Kalianget	-	07°04'.05S 113°58'.42E	100				MRCC Surabaya
		Main	Kendari	005250019	03°58'.38S 122°25'.55E	100	Operational			MRCC Ujung Pandang
		Main	Kupang	005250010	10°12'.49S 123°37'.24E	100	Operational			MRSC Kupang
		Main	Lahewa	-	01°24'.00N 097°09'.20E	100	Planned	PS	24 hrs	MRCC Ujung Pandang
		Main	Larantuka	-	08°20'.28S 122°59'.25E	100	Planned			MRSC Kupang
		Main	Lembar	005250022	08°43'.41S 116°04'.23E	100	Operational			MRSC Denpasar
		Main	Luwuk	-	00°56'.58S 122°47'.24E	100	Planned			MRSC Menado
		Main	Makassar	005250002	05°06'.30S 119°26'.20E	100	Operational			MRCC Ujung Pandang
		Main	Manokwari	005250023	00°51'.56S 134°04'.37E	100	Operational			MRCC Biak
		Main	Masalembo	-	05°34'.00S 114°27'.00E	100	Planned			MRCC Ujung Pandang
		Main	Maumere	-	08°37'.00S 122°13'.08E	100				MRSC Kupang
		Main	Menado	-	01°29'.47N 124°50'.41E	100				MRSC Menado
		Main	Meneng	-	08°07'.30S 114°23'.50E	100	Planned			MRCC Surabaya
		Main	Merauke	005250021	08°28'.47S 140°23'.38E	100	Operational			MRSC Merauke
		Main	Padang Bai	-	08°32'.00S 115°30'.28E	100	Planned			MRSC Padang
		Main	Palembang	-	02°58'.08S 104°46'.44E	100				MRSC Palembang
		Main	Panarukan	-	07°41'.45S 113°56'.02E	100				MRCC Surabaya
		Main	Pangkal Balam	-	02°02'.07S 106°08'.00E	100				MRSC Tanjung Pinang
		Main	Panjang	005250013	05°28'.23S 105°19'.03E	100	Operational			MRSC Palembang
		Main	Parigi	-	00°48'.45N 120°10'.45E	100	Planned	PS	24 hrs	MRSC Menado
		Main	Pontianak	005250016	00°01'.36N 109°17'.18E	100	Operational			MRSC Pontianak
		Main	Poso	-	01°22'.48N 120°45'.20E	100	Planned			MRSC Menado
		Main	Probolinggo	-	07°23'.00S 113°13'.00E	100				MRCC Surabaya
		Main	Pulang Pisau	-	02°45'.00S 114°15'.00E	100	Planned			MRSC Tanjung Pinang
		Main	Pulau Sambu	-	01°09'.08N 103°53'.58E	100				
		Main	Rangat	-	00°28'.29S 102°41'.10E	100				
		Main	Sabang	-	05°04'.00N 095°21'.00E	100				MRSC Medan

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	Indonesia (cont.)	Main	Samarinda	-	00°30'.30S 117°09'.12E	100				MRSC Balikpapan
		Main	Sampit	-	02°33'.26S 112°57'.24E	100				MRSC Banjarmasin
		Main	Sanana	005250025	02°03'.02S 125°58'.02E	100	Operational			MRSC Ambon
		Main	Sei Kolak Kijang	005250029	00°51'.04N 104°36'.31E	100				MRSC Tanjung Pinang
		Main	Selat Panjang	-	01°01'.15N 102°43'.10E	100	Planned			MRSC Tanjung Pinang
		Main	Semarang	005250008	06°58'.35S 110°20'.50E	100	Operational			MRCC Surabaya
		Main	Serui	-	01°53'.12S 136°14'.27E	100	Planned			MRCC Biak
		Main	Siau	-	02°44'.00N 124°24'.01E	100				MRSC Menado
		Main	Sibolga	005250028	01°43'.54N 098°47'.00E	100	Operational			MRSC Medan
		Main	Sintete	-	01°11'.42N 109°03'.38E	100	Planned			MRSC Pontianak
		Main	Sorong	005250011	00°53'.03S 131°16'.29E	100	Operational			MRSC Sorong
		Main	Sunda Kelapa	-	06°07'.24S 106°48'.30E	100	Planned			MRCC Jakarta
		Main	Surabaya	005250001	07°11'.05S 112°44'.08E	100	Operational			MRCC Surabaya
		Main	Tahuna	005250024	03°35'.20N 125°30'.10E	100	Planned			MRSC Menado
		Main	Tarakan	005250017	03°17'.20N 117°35'.25E	100	Operational			MRSC Balikpapan
		Main	Tegal	-	06°51'.01S 109°08'.05E	100	Planned			MRCC Jakarta
		Main	Teluk Bayur	-	01°00'.10S 100°21'.55E	100				MRSC Padang
		Main	Teluk Dalam	-	00°33'.52N 097°49'.05E	100				MRSC Padang
		Main	Tembilahan	-	00°19'.04S 103°09'.41E	100	Planned			MRSC Tanjung Pinang
		Main	Ternate	005250020	00°47'.00N 127°21'.52E	100	Operational			MRSC Ambon
		Main	TG Balai Karimun	-	00°59'.17N 103°26'.14E	100	Planned			MRSC Tanjung Pinang
		Main	TG Uban	-	01°03'.05N 104°13'.27E	100				
		Main	Toli-Toli	-	01°03'.18N 120°48'.20E	100				MRSC Menado
		Main	Tual	-	05°38'.00S 132°44'.27E	100				MRSC Ambon
		Main	Olee Lheue	-	05°33'.42S 095°17'.10E	100				MRSC Menado
		Main	Waingapu	-	09°39'.42S 120°15'.22E	100	Planned			MRSC Kupang
	Japan	Main	Hokkaido Coast Guard Radio	004310101	-	-	Operational	SD	24 hrs	Otaru MRCC
		Monitor	Shakotan		43°20'.00N 140°32'.00E	150				
			Hakodateyama		41°45'.00N 140°43'.00E	150				
			Tokotan		43°00'.00N 144°53'.00E	150				

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	Japan (cont.)		Souyamisaki		45°31'.00N 141°56'.00E	150				
		Main	Shiogama Coast Guard Radio	004310201	-	-	Operational	SD	24 hrs	Shiogama MRCC
		Monitor	Komagamine		38°18'.00N 141°32'.00E	150				
			Same		40°29'.00N 141°37'.00E	150				
			Kamaishi		39°16'.00N 141°54'.00E	150				
			Nyudozaki		40°00'.00N 139°42'.00E	150				
		Main	Yokohama Coast Guard Radio	004310301	-	-	Operational	SD	24 hrs	Yokohama MRCC
		Monitor	Chikura		34°56'.00N 139°56'.00E	150				
			Choshi		35°44'.00N 140°52'.00E	150				
			Shimoda		34°40'.00N 138°57'.00E	150				
		Main	Nagoya Coast Guard Radio	004310401	-	-	Operational	SD	24 hrs	Nagoya MRCC
		Monitor	Asamagatake		34°27'.00N 136°49'.00E	150				
		Main	Kobe Coast Guard Radio	004310501	-	-	Operational	SD	24 hrs	Kobe MRCC
		Monitor	Shionomisaki		33°26'.00N 135°47'.00E	150				
			Tosayama		33°37'.00N 133°31'.00E	150				
			Senzan		34°22'.00N 134°50'.00E	60				
		Main	Hiroshima Coast Guard Radio	004310601	-	-	Operational	SD	24 hrs	Hiroshima MRCC
		Monitor	Noro		34°15'.00N 132°40'.00E	60				
		Main	Moji Coast Guard Radio	004310701	-	-	Operational	SD	24 hrs	Kitakyushu MRCC
		Monitor	Mokkoku		34°08'.00N 129°12'.00E	150				
		Main	Maizuru Coast Guard Radio	004310801	-	-	Operational	SD	24 hrs	Maizuru MRCC
		Monitor	Nawa		35°31'.00N 133°32'.00E	150				
		Main	Niigata Coast Guard Radio	004310901	-	-	Operational	SD	24 hrs	Niigata MRCC
		Monitor	Nekogatake		37°28'.00N 137°08'.00E	150				
		Main	Kagoshima Coast Guard Radio	004311001	-	-	Operational	SD	24 hrs	Kagoshima MRCC
		Monitor	Yoko-o		31°19'.00N 130°49'.00E	150				
			Aburatsu		31°35'.00N 131°25'.00E	150				
			Naze		28°23'.00N 129°30'.00E	100				
		Main	Okinawa Coast Guard Radio	004311101	-	-	Operational	SD	24 hrs	Naha MRCC

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	Japan (cont.)	Monitor	Tamagusuku		26°09'.00N 127°46'.00E	150				
			Miyara		24°22'.00N 124°12'.00E	150				
	Malaysia	Main Monitor	Miri	005330013	04°28'.00N 114°01'.00E	200	Planned [2002]	PS	24 hrs	MRCC Port Klang
			Sandakan		05°40'.00N 118°06'.00E	200				
			Penang		05°22'.00N 100°18'.00E	200				
			Kuantan	005330008	04°06'.00N 103°23'.00E	200	Operational	PS	24 hrs	MRCC Port Klang
			Kuching	005330011	01°49'.00N 109°46'.00E	200				
			Kota Kinabalu	005330013	05°57'.00N 116°02'.00E	200				
			Permatang Pauh	005330002	05°22'.00N 100°18'.00E	200				
	Philippines	Main	Manila	005480020	14°30'.00N 121°04'.00E	300	Operationnal	PS	24 hrs	Manila
		Monitor	Batangas		13°45'.22N 121°02'.33E	300	Planned	PS	24hrs	Batangas
			Iloilo		10°41'.48N 122°35'.14E	300				Iloilo
			San Fernando		16°36'.26N 120°17'.24E	300				San Fernando
			Aparri		18°21'.07N 121°38'.16E	300				Aparri
			Legaspi		13°08'.46N 123°45'.22E	300				Legaspi
			San Jose		12°20'.00N 121°05'.00E	300				San Jose
			Davao		07°07'.00N 125°37'.00E	300				Davao
			Puerto Princesa		09°44'.36N 118°44'.00E	300				Puerto Princesa
			Surigao		09°46'.55N 125°30'.00E	300				Cagayan de Oro
			Cebu		10°16'.18N 125°52'.53E	300				Cebu
			Zamboanga		06°54'.13N 122°04'.16E	300				Zamboanga
			General Santos		06°05'.23N 125°09'.10E	300				General Santos
	Republic of Korea	Main	Incheon Coast Guard Station	004401001	37°27'.00N 126°36'.00E	250	Operational	SD	24 hrs	Incheon RCC
		Main	East Regional HQs Korea Coast Guard	004401002	37°29'.00N 129°07'.00E	250				Donghae RCC
		Main	West Regional HQs Korea Coast Guard	004401003	34°47'.00N 126°32'.00E	250				Seohae RCC
		Main	South Regional HQs Korea Coast Guard	004401004	35°07'.00N 129°03'.00E	250				Namhae RCC
		Main	Jeju Coast Guard Station	004401005	33°31'.00N 126°32'.00E	250				Jeju RCC
		Main	Seoul Radio	004400002	37°32'.00N 127°05'.00E	250		PS		Incheon RCC
		Monitor	Seoul Radio	004400004	37°25'.00N 126°38'.00E	250				Incheon RCC
			Seoul Radio	004400101	35°04'.00N 129°04'.00E	250				Namhae RCC
			Seoul Radio	004400701	33°17'.00N 126°20'.00E	250				Jeju RCC

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	Thailand	Monitor	Bangkok Radio Sriracha	005671000	13°06'.209N 100°55'.614E	162	Operational	SD	24 hrs	Bangkok RCC
			Songkhla Radio		07°10'.03N 100°37'.21E	162	Planned			
	Viet Nam	Main	Ho Chi Minh Ville/ XVS Radio	005743030	10°23'.32N 107°08'.57E	200	Operational	PS	24 hrs	Vungtau MRCC VMRCC
		Main	Hai Phong/XVG Radio	005741040	20°50'.55N 106°41'.19E	200				Haiphong MRCC VMRCC
		Main	Da Nang/XVT Radio	005742030	16°03'.32N 108°12'.32E	200				Danang MRCC VMRCC
		Main	Nha Trang/XVN Radio	005742080	12°16'.00N 109°10'.00E	200	Operational	PS	24 hrs	Danang MRCC VMRCC
		Main	Vung Tau/XVR Radio	005742005	10°20'.72N 107°05'.67E	200				Vungtau MRCC VMRCC
		Main	Mong Cai/XVM Radio	005741010	21°31'.38N 107°58'.19E	200				Haiphong MRCC VMRCC
		Main	Cua Ong/XVC Radio	005741020	21°01'.12N 107°24'.01E	200				Haiphong MRCC VMRCC
		Main	Hon Gai/XVQ Radio (Quang Ninh)	005741030	20°57'.15N 107°04'.22E	200				Haiphong MRCC VMRCC
		Main	Ben Thuy/XVB Radio	005741070	18°30'.57N 105°42'.21E	200				Haiphong MRCC VMRCC
		Main	Hue/XVD Radio	005742020	16°32'.38N 107°38'.24E	200				Danang MRCC VMRCC
		Main	Kien Giang/XVK Radio	005743080	09°22'.00N 104°26'.00E	200				Vungtau MRCC VMRCC
		Main	Ca Mau/XVA Radio	005743070	09°12'.01N 105°10'.48E	200				Vungtau MRCC VMRCC
		Main	Phu Yen/XVY Radio	005742013	12°53'.40N 109°27'.12E	200				Danang MRCC VMRCC

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XI (cont.)	**Associate Member of IMO** Hong Kong, China	Main	Hong Kong Marine Rescue Radio, Cape D'aguilar	004773500	22°12'.57N 114°15'.03E	200	Operational	SD	24 hrs	Hong Kong MRCC
XII	Ecuador	Main	Ayora Radio	007354757	00°44' 50.2S 090°18' 44.8W	80	Operational	SD	24 hrs	
	Mexico	Main	Mazatlan	003450810	23°10'.03N 106°26'.43W	150	Operational	PS	24 hrs	Zona Naval
		Monitor	Acapulco	003451810	16°50'.15N 099°54'.00W	150	Planned [2005]			Zona Naval 8
			Ensenada	003450210	31°51'.08N 116°37'.07W	150				Zona Naval 2
			Manzanillo	003451410	19°01'.51N 104°19'.11W	150				Sector Naval
			La Paz	003450410	24°03'.43N 110°24'.38W	150	Planned [2006]			Sector Naval
			Guerrero Negro	003450440	27°45'.17N 114°52'.00W	150				Zona Naval 2
			Salina Cruz	003452010	16°10'.27N 095°12'.00W	150	Planned [2005]			Zona Naval 10
XIII	Russian Federation	Main	Vladivostok (Cape of Kamenskiy)	002734412	42°45'.00N 133°02'.00E	150[3]	Operational	SD	24 hrs	MRCC Vladivostok
		Main	Vanino	002734421	49°05'.41N 140°16'.54E	72	Operational			MRSC Yuzhno-Sakhalinsk
		Main	Yuzno-Sakhalinsk	002733733	-	165	Operational	SD	24 hrs	MRSC Yuzhno-Sakhalinsk
			Rx Nevelsk		46°39'.00N 141°52'.00E					
			Tx Seleznevo		46°37'.00N 141°50'.00E					
			Okhotskoye							
			Rx Cape Svobodniy	002733733	46°50'.00N 144°26'.00E	170	Operational	SD	24 hrs	MRSC Yuzhno-Sakhalinsk
			Tx mount Vygoda		46°52'.00N 143°09'.00E					
		Main	Petropavlovsk-Kamachatskiy	002733737		150	Operational	SD	24 hrs	MRSC Petropavlovsk-Kamachatskiy
			Rx Avacha		53°04'.00N 158°32'.00E					
			Tx Zhelezniy		53°15'.00N 158°25'.00E					

[3] Radius 150 nm from 42 45N - 133 02E starting with Korean coast to 42 33N 136 25E, then straight forward to Cape of Olarovskiy.

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XIII (cont.)	Russian Federation (cont.)	Main	Magadan	002733728		62	Under Trial	SD	24 hrs	MRSC Petropavlovsk-Kamachatskiy, MRSC Yuzhno-Sakhalinsk
			Rx Chirikov Cape		59°29'.00N 150°31'.00E					
XIV	Fiji	Main	Suva	005201100	18°08'.00S 178°26'.00E	200	Operational	SD	24 hrs	RCC New Zealand RCC Funafuti RCC Nadi Nat. Surv. Centre-Samoa Mar. Div. Tarawa RCC Canberra
XV	Chile	Main	Iquique	007250020	20°12'.68S 070°09'.22W	180	Operational	SD	24 hrs	MRCC Iquique
		Main	Arica	007250010	18°29'.10S 070°19'.16W	180				MRSC Arica
		Main	Antofagasta	007250050	23°40'.67S 070°24'.48W	180				MRSC Antofagasta
		Main	Valparaíso	007251860	33°04'.70S 071°36'.80W	180		PS		MRCC Valparaíso
		Main	Caldera	007250080	27°03'.58S 070°49'.23W	180		SD		MRSC Caldera
		Main	Isla de Pascua	007250100	27°08'.98S 109°26'.22W	180				MRSC Isla de Pascua
		Main	Coquimbo	007250110	29°56'.30S 071°20'.10W	180				MRSC Coquimbo
		Main	San Antonio	007250140	33°34'.00S 071°37'.00W	180				MRSC San Antonio
		Main	Juan Fernández	007250130	33°37'.11S 078°49'.39W	180				MRCC Valparaíso
		Main	Talcahuano	007250170	36°41'.48S 073°06'.52W	180				MRCC Talcahuano
		Main	Puerto Montt	007250230	41°28'.83S 072°57'.67W	180				MRCC Puerto Montt
			Castro							MRSC Castro
		Main	Aysén	007250300	45°24'.29S 072°43'.05W	180				MRSC Aysén

NAV/MET Area	Country	MF DSC Coast Stations								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	
XV (cont.)	Chile (cont.)	Main	Magallanes	007250380	53°09'.92S 070°54'.28W	180				MRCC Punta Arenas
		Main	Puerto Williams	007250420	54°55'.57S 067°36'.27W	180				MRSC Puerto Williams
		Main	San Pedro	007250320	47°42'.39S 074°53'.35W	180				MRCC Punta Arenas
		Main	Bahia Felix	007250370	52°57'.43S 074°04'.51W	180				
		Main	Punta Delgada	007250390	52°27'.12S 069°33'.15W	180				
XVI	Peru	Main	Paita	007600121	05°05'.00S 081°07'.00W	200	Operational	PS	24 hrs	Paita
		Main	Callao	007600125	12°03'.00S 077°09'.00W	200				Callao
		Main	Mollendo	007500129	17°01'.00S 072°01'.00W	200				Mollendo
XVIII	Greenland (Denmark)	Main	Aasiaat	003313000	-	-	Operational	SD	24 hrs	MRCC Grønnedal
		Monitor	Upernavik		72°47'.00N 056°10'.00W	280				
			Qeqertarsuaq		69°14'.00N 053°31'.00W	280				
XX	Russian Federation	Main	Murmansk Rx	002734420	68°52'.00N 033°05'.00E	170[4]	Operational	PS		MRCC Murmansk
			Murmansk Tx		68°46'.00N 032°58'.00E					
		Main	Arkhangelsk	002734414	64°21'.00N 040°37'.00E	While Sea basin till lat. 66N in the mouth				MRSC Arkhangelsk

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[4] Except the area beneath latitude 69 N.

SD = Safety and Distress
PS = Public Correspondence and Safety and Distress

ANNEX 4

LIST OF HF DSC COAST STATIONS FOR SEA AREAS A3 AND A4

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
I	Iceland	Reykjavik Radio		64°05'.00N 021°51'.00W	Not Planned	N. I.	4,6,8,12,16 MHz		
II	Cape Verde	Sao Vicente Radio		N. I.	Planned	N. I.	N. I.	N. I.	
	Congo	Pointe Noire Radio		N. I.	Planned [N. I.]	N. I.	N. I.	N. I.	
	Côte d'Ivoire	Abidjan	006191000	05°19'.34N 004°01'.02W	Operational	PS	N. I.	24 hrs	MRCC Abidjan
	Ghana	Tema Radio		05°37'.00N 000°00'.00W	Planned [N. I.]	N. I.	4, 8 MHz	N. I.	Harbour Master Accra
	Liberia	Monrovia Radio		N. I.	Planned [N. I.]	N. I.	N. I.	N. I.	
	Portugal	Delgada	002040100	37°44'.00N 025°40'.00W	Planned [N. I.]	SD	4, 6, 8 MHz	24 hrs	MRCC Delgada
		Horta Radio	002040200	38°38'.00N 028°32'.00W	Planned [N. I.]	SD	4, 6, 8 MHz	24 hrs	RCC Lages
	Senegal	Dakar Radio		N. I.	Planned [N. I.]	N. I.	N. I.	N. I.	
	Sierra Leone	Wiberfree Hill Radio		N. I.	Planned [N. I.]	N. I.	N. I.	N. I.	
	Spain	Madrid CCR	002241078	40°21'.48N 003°17'.04W	Operational	SD	8, 12 MHz	24 hrs	MRCC Madrid
III	Azerbaijan	Baku (Caspian Sea)	004231000	40°19'.63N 050°36'.73E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Azerbaidjan LRIT NC
	Cyprus	Cyprus Radio	002091000	35°03'.00N 033°17'.00E	Operational	PS	4, 8, 16 MHz	24 hrs	JRCC Larnaca
	Egypt	Alexandria Radio	006221111	31°12'.00N 029°54'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	RCC Cairo
	Greece	Olympia Radio	002371000	37°36'.00N 021°29'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	Piraeus Joint JRCC 37 58N 23 40E
		Piraeus Joint JRCC(1)	237673000(2) 237673100(2)	37°58'.00N 023°40'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	
		Aspropirgos Radio(3)	002391000	38°03'.00N 023°35'.00E	Operational	SD	4,6,8,12,16 MHz	(3)	

(1) Hellenic Coast Guard for reasons of additional safety only, keeps 24 hours watch on HF DSC Distress frequencies, using its own stations.
(2) Ship stations MMSI.
(3) Aspropirgos Radio operates 0500-1200 UTC during working days and remains in hot standby condition in case are needed.

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
III (cont.)	Iran (Islamic Republic of)	Anzali Radio (Caspian Sea)	004225500	37°28'.00N 049°27'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	
		Amir Abad Radio (Caspian Sea)	004225601	36°51'.00N 048°17'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	
	Isarel	RCC Haifa	428000008	32°48'.00N 035°00'.00E	T	SD	4,8,12	24 hrs	
	Italy	TBD							
	Romania	Constanta Radio	002640570	44°06'.00N 028°38'.00E	Operational	PS	4, 8, 12 MHz	24 hrs	Constanta Harbour's Master
	Spain	Madrid		40°31'.00N 003°17'.00W	Operational	SD	8, 12 MHz	24 hrs	MRCC Madrid
	Syria	Lattakia Radio	-	35°32'.05N 035°46'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	- - -
	Turkey	Istanbul	002711000	40°59'.00N 025°49'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MSRCC Ankara
IV	Canada	Iqaluit	003160023	63°43'.00N 068°33'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs[2]	JRCC Halifax/Trenton
	Mexico	XDA Cerrillo Nopaltepec	003450010	19°46'.07N 098°42'.06W	Planned [2006]	PS	4,6,8,12,16 MHz	24 hrs	Centro de coordinación nacional de búsqueda y salvamento - EDOMAYGRALTER
	United States	Boston	003669991	41°42'.00N 070°30'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	Boston
		Portsmouth	003669995	36°44'.00N 076°01'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	Norfolk
		Miami	003669997	25°37'.00N 080°23'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	Miami
		San Juan	003669992	18°28'.00N 066°07'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	San Juan
		New Orleans	003669998	29°53'.00N 089°75'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	New Orleans
V	Brazil	Manaus Radio	007100003	03°07'.00S 059°55'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Brazil - Salvamar Brazil – Rio de Janeiro
		Recife Radio	007100002	08°04'.00S 034°55'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	
		Rio Radio	007100001	22°58'.00S 043°41'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	
VI	Argentina	Argentina Radio	007010111	34°36'.00S 058°28'.00W	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Buenos Aires
		Mar del Plata PNA Radio	007010003	38º03'.00S 057º32' 00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRSC Mar del Plata
		Comodoro Rivadavia PNA Radio	007010008	45º51'.00S 067º25' 00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRSC Comodoro Rivadavia
	Uruguay	Montevideo	007703870	34º52'.00S 056º19' 00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Uruguay

[2] Open during navigation season only.

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
VII	Angola	Luanda Radio		N. I.	Planned [N. I.]	N. I.	N. I.		
	Mauritius	Mauritius Radio	006452700	20°11'.00S 057°28'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	
	Mozambique	Maputo Radio		N. I.	Planned [N. I.]	N. I.	N. I.		
	South Africa	Cape Town Radio	006010001	33°41'.00S 018°43'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Cape Town
VIII	India	Mumbai	004192203	18°55'.00N 072°50'.00E	Operational	SD	4,6,8,12,16 MHz	24hrs	MRCC Mumbai
		Chennai	004194401	13°06'.00N 080°18'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Chennai
		Port Blair	004194409	11°41'.00N 092°46'.00E	Operational	SD	4,6,8,12,16 MHz	24hrs	MRCC Port Blair
		Porbandar	004192202	21°38'.00N 069°37'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Mumbai
		Haldia	004194404	22°02'.00N 088°06'.00E	Operational	SD	4,6,8,12,16 MHz	24hrs	MRCC Chennai
		Mandapam	004194406	09°17'.00N 079°05'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Chennai
		Daman	004192201	20°25'.00N 072°52'.00E	Operational	SD	4,6,8,12,16 MHz	24hrs	MRCC Mumbai
	Myanmar	TBD							
	Seychelles	Seychelles Radio		N. I.	Planned [N. I.]	N. I.	N. I.		
	Tanzania	Dar-es-Salaam Radio		N. I.	Planned [N. I.]	N. I.	N. I.	N. I.	
IX	Iran (Islamic Republic of)	Abbas Radio (Persian Gulf)	004225300	27°06'.00N 056°03'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	
		Khomeini Radio (Persian Gulf)	004225100	30°25'.00N 049°03'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	
	Jordan	Aqaba Radio		29°33'.00N 034°59'.00E	Planned [N. I.]	PS	4,8,12,16 MHz	N. I.	
	Oman	Muscat Radio		23°36'.00N 058°30'.00E	Planned [N. I.]	PS	4 MHz	0400-0500 UTC 1500-1700 UTC	HQ Royal Air Force of Sultanate of Oman
				23°36'.00N 058°30'.00E	Planned [N. I.]	PS	8 MHz	0500-0700 UTC 1300-1500 UTC	
				23°36'.00N 058°30'.00E	Planned [N. I.]	PS	12 MHz	0700-0900 UTC 1100-1300 UTC	
				23°36'.00N 058°30'.00E	Planned [N. I.]	PS	16 MHz	0900-1100 UTC	

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
IX (cont.)	Saudi Arabia	Damman Radio		26°26'.00N 050°06'.00E	Planned [N. I.]	N. I.	4,6,8,12,16 MHz	N. I.	
	Sudan	Port Sudan Radio		N. I.	Planned [N. I.]	N. I.	N. I.	N. I.	
	United Arab Emirates	N. I.		N. I.	Planned [1995]	N. I.	4,6,8,12,16 MHz	N. I.	
X	Australia	Wiluna	005030001	26°20'.45S 120°33'.4 E	Operational	SD	4,6,8,12,16 MHz	24 hrs	RCC Australia
		Charleville	005030001	26°19'.83S 146°15'.85E		SD	4,6,8,12,16 MHz	24 hrs	
XI	China	Shanghai Radio	004122100	31°06'.00N 121°32'.00E	Planned [2002]	SD	4,6,8,12,16 MHz	24 hrs	Shanghai MRCC
	Guam (U.S.)	Sector Guam	003669994	13°25'.00N 144°50'.00E	Operational	SD	4,6,8,12,16 MHz	24Hrs	RSC Guam/RCC Honolulu
	Indonesia	Amboina	005250006	03°41'.57S 128°10'.40E	Operational	PS	4,6,8 MHz	24 hrs	MRCC Ujung Pandang
		Balikpapan	005250009	01°16'.15S 116°48'.30E	Operational	PS	8 MHz	24 hrs	MRCC Surabaya
		Banjarmasin		03°19'.40S 114°35'.35E	Planned	PS	N. I.	24 hrs	MRCC Surabaya
		Belawan	005250003	03°43'.17N 098°40'.08E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Jakarta
		Bitung	005250005	01°26'.50N 125°10'.53E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Ujung Pandang
		Dumai	005250004	01°41'.10N 101°27'.20E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Jakarta
		Jakarta	005250000	06°07'.28S 106°51'.16E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Jakarta
		Jayapura	005250007	02°31'.10S 140°43'.22E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Biak
		Kupang	005250010	10°12'.49S 123°37'.24E	Operational	PS	8 MHz	24 hrs	MRCC Ujung Pandang
		Makassar	005250002	05°06'.30S 119°26'.20E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Ujung Pandang
		Semarang	005250008	06°58'.35S 110°20'.50E	Operational	PS	8 MHz	24 hrs	MRCC Surabaya
		Sorong	005250011	00°53'.03S 131°16'.29E	Operational	PS	8 MHz	24 hrs	MRCC Biak
		Surabaya	005250001	07°11'.05S 112°44'.08E	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Surabaya
		Cilacap	005250030	07°44'.25S 109°02'.23E	Operational		8 MHz	24 hrs	MRCC Jakarta
		Merauke	005250021	08°37'.00S 122°13'.08E	Operational		8 MHz	24 hrs	MRSC Merauke
	Japan	Tokyo Coast Guard Radio	004310001	35°40'.00N 139°45'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Otaru MRCC / Shiogama MRCC / Yokohama MRCC/ Nagoya MRCC / Kobe MRCC / Hiroshima MRCC Kitakyushu MRCC / Maizuru MRCC / Niigata MRCC Kagoshima MRCC / Naha MRCC
	Philippines	Manila		14°30'.00N 121°04'.00E	Operationnal	PS	4,6,8,12,16 MHz	24 hrs	Manila
		Batangas		13°45'.22N 121°02'.33E	Planned	PS	4,6,8,12,16 MHz	24hrs	Batangas
		Iloilo		10°41'.48N 122°35'.14E					Iloilo
		San Fernando		16°36'.26N 120°17'.24E					San Fernando
		Aparri		18°21'.07N 121°38'.16E					Aparri
		Legaspi		13°08'.46N 123°45'.22E					Legaspi

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
XI (cont.)	Philippines (cont.)	San Jose		12°20'.00N 121°05'.00E					San Jose
		Davao		07°07'.00N 125°37'.00E					Davao
		Puerto Princesa		09°44'.36N 118°44'.00E					Puerto Princesa
		Surigao		09°46'.55N 125°30'.00E					Cagayan de Oro
		Cebu		10°16'.18N 125°52'.53E					Cebu
		Zamboanga		06°54'.13N 122°04'.16E					Zamboanga
		General Santos		06°05'.23N 125°09'.10E					General Santos
	Republic of Korea	Incheon Coast Guard Station	004401001	37°27'.00N 126°36'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Incheon RCC
		East Regional HQs Korea Coast Guard	004401002	37°29'.00N 129°07'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Donghae RCC
		West Regional HQs Korea Coast Guard	004401003	34°47'.00N 126°32'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Seohae RCC
		South Regional HQs Korea Coast Guard	004401004	35°07'.00N 129°03'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Namhae RCC
		Jeju Coast Guard Station	004401005	33°31.00N 126°32'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Jeju RCC
		Seoul Radio	004400002	37°32'.00N 127°05'.00E	Operational	PC	4,6,8,12,16 MHz	24 hrs	Incheon RCC
	Thailand	Bangkok Radio	005671000	13°34'.00N 100°39'.00E	Operational	SD	4, 6, 8, 12 MHz	24 hrs	Bangkok RCC
	Viet Nam	Ho Chi Minh-Ville/ XVS Radio	005743030	10°23'.32N-107°08'.57E	Operational	PS	8 MHz	24 hrs	Vungtau MRCC VMRCC
		Hai Phong/XVG Radio	005741050	20°52'.00N 106°42'.00E	Operational	PS	4,6,8,12,16 MHz	24 hrs	Haiphong MRCC VMRCC
		Da Nang/XVT Radio	005742030	16°04'.00N 108°13'.00E	Operational	PS	6, 8 MHz	24 hrs	Danang MRCC VMRCC
	Associate Member of IMO Hong Kong, China	Hong Kong Marine Rescue Radio, Cape D'Aguilar	004773500	22°12'.57N 114°15'.03E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Hong Kong MRCC
XII	Ecuador	Ayora Radio	007354757	00°44'50.2S 090°18'44.8W	Operational	SD	4,6,8,12,16 MHz	24 hrs	
	Mexico	XDA Cerrillo Nopaltepec	003450010	19°46'.00N 098°42'.00W	Planned [2006]	PS	4,6,8,12,16 MHz	24 hrs	Centro de coordinación nacional de búsqueda y salvamento - EDOMAYGRALTER

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
XII (cont.)	United States	San Francisco	003669990	37°56'.00N 122°44'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Alameda
		Kodiak	003669899	57°46'.00N 152°34'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Juneau
		Honolulu	003669993	21°26'.00N 158°09'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Honolulu
XIII	NONE								
XIV	Fiji	RCC Suva	005201100	18°08'.00S 178°26'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	RCC Funafuti RCC Tonga RCC Nadi Nat. Surv. Centre-Samoa Mar. Div.-Tarawa RCC Canberra
	New Zealand	Taupo Maritime Radio	005120010	38°52'.16S 176°26'.13E	Operational	SD	4,6,8,12,16 MHz	24 hrs	RCC New Zealand
XV	Chile	Antofagasta	007250050	23°40'.67S 070°24'.48W	Operational	SD	4 MHz	24 hrs	MRCC iquique
		Isla de Pascua	007250100	27°08'.98S 109°26'.22W	Operational	SD	4 MHz	24 hrs	MRCC Valparaiso
		Valparaiso	007251860	33°04'.70S 071°36'.80W	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Valparaiso
		Talcahuano	007250170	36°41'.48S 073°06'.52W	Operational	SD	4 MHz	24 hrs	MRCC Talcahuano
		Puerto Montt	007250230	41°28'.83S 072°57'.67W	Operational	SD	4 MHz	24 hrs	MRCC Puerto Montt
		Magallanes	007250380	53°09'.92S 070°54'.28W	Operational	SD	4, 8 MHz	24 hrs	MRCC Punta Arenas
XVI	Peru	Paita	007690121	05°05'.00S 081°07'.00W	Operational	PS	8 MHz	24 hrs	MRCC Paita
		Callao	007600125	12°03'.00S 077°09'.00W	Operational	PS	8 MHz	24 hrs	MRCC Callao
		Mollendo	007600129	17°01'.00S 072°01'.00W	Operational	PS	8 MHz	24 hrs	MRCC Mollendo
XVII	Canada	Iqaluit	003160023	63°43'.00N 068°33'.00W	Operationa (open during navigation season only		4,6,8,12,16 MHz	24 hrs	RCC Halifax RCC Trenton
XVIII	Canada	Iqaluit	003160023	63°43'.00N 068°33'.00W	Operationa (open during navigation season only)		4,6,8,12,16 MHz	24 hrs	RCC Halifax RCC Trenton

* The following frequencies are allocated for HF DSC distress and safety communication by the Radio Regulation (Article N 38)

4 MHz = 4207.5 kHz 6 MHz = 6312 kHz 8 MHz = 8414.5 kHz 12 MHz = 12577 kHz 16 MHz = 16804.5 kHz

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AOR-E = Atlantic Ocean Region, East
AOR-W = Atlantic Ocean Region, West
IOR = Indian Ocean Region
POR = Pacific Ocean Region

ANNEX 5

LIST OF INMARSAT LAND EARTH STATIONS (LESs)

NAV/MET Area	Country	Location	Ocean Area	Service provided (Status of Implementation [Data of operation])			RCC Associated
				Inmarsat-B	Inmarsat-C	Fleet F 77	
I	Netherlands	Burum	AOR-W	Operational	Operational	Operational	JRCC Den Helder
			AOR-E	Operational	Operational	Operational	
			IOR	Operational	Operational	Operational	
	Norway	Eik	IOR	Operational	Operational	Operational	JRCC Stavanger
			AOR-E	Operational	Operational	Operational	
			AOR-W	Operational	Operational	Operational	
	United Kingdom	Ex Goonhilly @ Burum	AOR-E	Operational	Operational	Operational	MRCC Falmouth
			AOR-W	Operational	Operational	Operational	
			IOR	Operational	Operational	Operational	
II	France	Aussaguel	AOR-W	Operational	Operational	Operational	MRCC Gris Nez
			AOR-E	Operational	Operational	Operational	
			IOR	Operational	Operational	Operational	
III	Algeria	Lakhdaria	AOR-E	Operational			RCC d'Alger
	Greece	Thermopylae	IOR	Operational	Operational	Operational	JRCC Piraeus
			AOR-E	Operational	Operational	Operational	
	Italy	Fucino	AOR-E	Operational	Operational	Operational	MRCC Rome
			IOR	Operational	Operational	Operational	
	Israel		AOR-E	Operational	Operational		RCC Haifa
			IOR	Operational	Operational		
IV	United States	Southbury	AOR-E	Operational	Operational	Operational	USCG Norfok
			AOR-W	Operational	Operational	Operational	
V	Brazil	Burum	AOR-E		Operational		MRCC Brazil – Salvamar Brazil – Rio de Janeiro

NAV/MET Area	Country	Location	Ocean Area	Service provided (Status of Implementation [Data of operation])			RCC Associated
				Inmarsat-B	Inmarsat-C	Fleet F 77	
VI	NONE						
VII	NONE						
VIII	India	Pune	IOR	Operational	Operational	Operational	MRCC Mumbai
IX	NONE						
X	Australia	Perth	IOR	Operational	Operational	Operational	RCC Australia
			POR	Operational	Operational	Operational	
XI	China	Beijing	POR	Operational	Operational	Operational	MRCC China
			IOR	Operational	Operational	Operational	
	Japan	Yamaguchi	POR	Operational	Operational	Operational	Japan Coast Guard
			IOR	Operational	Operational	Operational	
	Philippines	Manila	POR			Planned	Manila
	Republic of Korea	36° 07'.19 N 127° 29'.30 E (Kumsan)	POR	Operational		Operational	Korea Coast Guard HQs
			IOR	Operational		Operational	
	Singapore	Sentosa	IOR	Operational	Operational	Operational	Singapore Port Operations Control Centre
			POR	Operational	Operational	Operational	
		Bukit Timah	IOR	Operational	Operational	Operational	
	Viet Nam	Hai Phong	IOR	Operational	Operational		RCC Viet Nam
XII	United States	Santa Paula	POR	Operational	Operational	Operational	USCG Alameda
		Southbury	AOR-W	Operational	Operational	Operational	USCG Norfolk
XIII	Russian Federation	Nakhodka	POR		Operational		MRCC Vladivostok
		Nudol	AOR-E		Operational		SMRCC Moscow
			IOR		Operational		
XIV	New Zealand	Burum	POR	Operational	Operational	Operational	RCC Australia
XV	NONE						
VI	NONE						

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ANNEX 6

LIST OF RESCUE CO-ORDINATION CENTRES (RCCs) USING SHIP EARTH STATIONS (SESs)

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
I	Canada	JRCC Halifax	44°39'.00N 063°33'.00W	584 331699943	Inmarsat-B	AOR-W	Operational
			44°39'.00N 063°33'.00W	581 111600065	Inmarsat-B	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020114	Inmarsat-C	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020115	Inmarsat-C	AOR-W	Operational
	Estonia	Tallinn	59°24'.00N 024° 40'.00E	492480040	Inmarsat-C	AOR-E	Operational
	France	MRCC Gris Nez	50°52'.00N 001° 35'.00E	422799256	Inmarsat-C	AOR-E	Operational
	Finland	MRCC Turku	60°26'.00N 022°15'.00E	423002211	Inmarsat-C	AOR-E	Operational
	Germany	MRCC Bremen	53°04'.00N 008°48'.00E	492621021	Inmarsat-C	AOR-E	Operational
	Ireland	Eiln	N. I.	N. I.	N. I.	N. I.	Planned [N. I.]
	Latvia	MRCC Riga	57°02'.00N 024°05'.00E	427518510	Inmarsat-C	AOR-E	Operational
	Lithuania	MRCC Klaipèda	55°43'.00N 021°06'.00E	427799011	Inmarsat-C	AOR-E	Operational
				327703310	Inmarsat-B	AOR-E	
	Russian Federation	MRCC St. Petersburg	59°54'.00N 030°14'.00E	492509012 761319893	Inmarsat-C Inmarsat-Mini-M	AOR-E, IOR AOR-E, IOR	Operational
		MRCC Kaliningrad	54°42'.00N 020°28'.00E	Voice: 762830387 Fax: 762830389 Data: 762830390	Inmarsat-Mini-M	AOR-E, IOR	Operational
	Sweden	JRCC Sweden	57°40'.28N 011°51'.54E	Voice: 326590010	Inmarsat-B	AOR-E	Operational
				Fax: 326590011	Inmarsat-B	AOR-E	
				Telex: 326590013	Inmarsat-B	AOR-E	
				Telex: 426590010	Inmasat-C	AOR-E	
	United Kingdom	MRCC Falmouth	Falmouth	423200159	Inmarsat-C	AOR-W	Operational
				423200158	Inmarsat-C	AOR-E	
II	Canada	JRCC Halifax	44°39'.00N 063°33'.00W	584 331699943	Inmarsat-B	AOR-W	Operational
			44°39'.00N 063°33'.00W	581 111600065	Inmarsat-B	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020114	Inmarsat-C	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020115	Inmarsat-C	AOR-W	Operational

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
II (cont.)	Cape Verde			P	P		
	France	MRCC Etel	47°39'.73N 003°12'.11W	4227799025	Inmarsat-C	AOR-E	Operational
	Portugal	MRCC Lisbon	Lisbon	N. I.	N. I.	N. I.	Planned [N. I.]
III	Algeria	RCC Alger MRCC Alger	-	Voice: 310018110 Fax: 310018111 Data: 310018112 Telex: 310018113	Inmarsat-B	AOR-E	Operational
	Azerbaijan	Azerbaidjan LRIT NC	40º21'.21N 049º49'.87E	442342310	Inmarsat-C	IOR	Operational
				Tel: 773231949 Fax:783205646	FleetBroadband	I-4 EMEA	Operational
	Bulgaria	MRCC Varna	43º11'.49N 027º55'.25E	420722210	Inmarsat-C	AOR-E	Operational
	Canada	JRCC Halifax	44°39'.00N 063°33'.00W	581 111600065	Inmarsat-B	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020114	Inmarsat-C	AOR-E	Operational
	Croatia	MRCC Rijeka	45º19'.00N 014º27'.00E	423816510	Inmarsat-C	AOR-E	Operational
	Cyprus	RCC Larnaca	34°52'.54N 033°37'.33E	Tel. 321099990 Fax: 321099991 Tlx: 321099992	Inmarsat-B	AOR-E & IOR	Operational
				421099999	Inmarsat-C	AOR-E & IOR	
	Estonia	Tallinn	N. I.	N. I.	N. I.	N. I.	Planned [N. I.]
	Georgia	MRCC-Georgia, Batumi	41°38'.70N 041°39'.00E	N. I.	N. I.	N. I.	Planned
	Greece	Piraeus JRCC	37°58'.00N 023°40'.00E	423767310	Inmarsat-C	AOR-E & IOR	Operational
	Israel	RCC Haifa	32°48'.00N 035°00'.00E	580442811110	Inmarsat-C	AOR-E	Operational
		RCC Haifa	32°48'.00N 035°00'.00E		BB	AOR-E	P
		RCC Haifa	32°48'.00N 035°00'.00E	881621469997	IRIDIUM		O
	Italy	TBD					
	Malta	RCC Malta	35°51'.30N 014°29'.30E	421599999	Inmarsat-C	IOR	Operational
	Republic of Montenegro	MRCC Bar	42°03'.15N 019°03'.20E	426200016	Inmarsat-C	AOR-E	Operational
	Russian Federation	MRCC Novorossiysk	44°41'.00N 037°47'.00E	Voice 327325510 Fax: 327325515 Data: 327325517 Telex 327325518	Inmarsat-B	IOR	Operational

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
III (cont.)	Russian Federation (cont)	Caspian Sea MRCC Astrakhan	46°20'.00N 048°00'.00E	427310985	Inmarsat-C	IOR	Operational
	Turkey	MSRCC Ankara	39°55'.99N 032°50'.51E	427122324 +583 427122324 Tel. +873 764142267 Fax: +873 764142269 E-mail: 427122324@c.xantic.net +607 44144	Inmarsat-C telex Inmarsat Mini-m Inmarsat Mini-m Inmarsat Mini-m Satcom A Telex	AOR-E & IOR-E AOR-E & IOR-E AOR-E & IOR-E AOR-E & IOR-E AOR-E & IOR-E	Operational
	Ukraine	MRCC Odesa	46°29'.00N 030°44'.00E	492550019	Inmarsat-C	AOR-E	Operational
IV	Bermuda (United Kingdom)	RCC Bermuda	32°23'.00N 064°41'.00W	431010110	Inmarsat-C	AOR-E	Operational
	Canada	JRCC Halifax	44°39'.00N 063°33'.00W	584 331699943	Inmarsat-B	AOR-W	Operational
				581 111600065	Inmarsat-B	AOR-E	Operational
				493020114	Inmarsat-C	AOR-E	Operational
				493020115	Inmarsat-C	AOR-W	Operational
		JRCC Trenton	44°07'.00N 077°32'.00W	431699928	Inmarsat-C	AOR-W	Operational
			44°07'.00N 077°32'.00W	431699929	Inmarsat-C	AOR-E	Operational
	Curaçao (The Netherlands)	JRCC Curaçao	12°06'.00N 068°05'.40W	430600099	Inmarsat-C	AOR-W	Operational
	France (Martinique)	MRCC Fort de France	14°36'.00N 061°04'.00W	422799244	Inmarsat-C	AOR-E	Operational
				422799024		AOR-W	
	Jamaica	JDFCG Discovery Bay	18°26'.00N 077°25'.00W	N. I.	Inmarsat-C		Planned [2000]
		JDFCG Pedro Cay	17°03'.00N 077°46'.00W	N. I.	Inmarsat-C		
IV (cont.)	United States	MRCC Portsmouth	36°43'.00N 076°12'.00W	430370680 & 430370670	Inmarsat-C	AOR-W & AOR-E	Operational
V	Brazil	MRCC Brazil	22°53'.37S 043°10'.15W	471009910	Inmarsat-C	AOR-E & AOR-W	Operational
	Canada	JRCC Halifax	44°39'.00N 063°33'.00W	584 331699943	Inmarsat-B	AOR-W	Operational
			44°39'.00N 063°33'.00W	581 111600065	Inmarsat-B	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020114	Inmarsat-C	AOR-E	Operational

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
V (cont.)	Canada (cont.)		44°39'.00N 063°33'.00W	493020115	Inmarsat-C	AOR-W	Operational
VI	Argentina	MRCC Puerto Belgrano	38°53'.00S 062°06'.00W	470100125	Inmarsat-C	AOR-E & AOR-W	Operational
	Canada	JRCC Halifax	44°39'.00N 063°33'.00W	584 331699943	Inmarsat-B	AOR-W	Operational
			44°39'.00N 063°33'.00W	581 111600065	Inmarsat-B	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020114	Inmarsat-C	AOR-E	Operational
			44°39'.00N 063°33'.00W	493020115	Inmarsat-C	AOR-W	Operational
	Uruguay	MRCC Uruguay	34°54'.00S 056°13'.00W	497480210	Inmarsat-C	AOR-W	Operational
VII	France (La Réunion)	MRCC La Réunion	20°55'.77S 055°17'.14E	422799193	Inmarsat-C	IOR	Operational
VIII	France (La Réunion)	MRCC La Réunion	20°55'.77S 055°17'.14E	422799193	Inmarsat-C	IOR	Operational
IX	Egypt	JRCC Cairo Authority	Cairo	46229991	Inmarsat-C	AOR-E	Operational
		El-Adabeya VTC	29°51'.28N 32°29'.05E	462299912	Inmarsat-C	AOR-E	Operational
		False Ras Gareb VTC	28°30'.91N 32°57'.66E	462299913	Inmarsat-C	AOR-E	Operational
		Sharm El Sheikh VTC	28°01'.08N 34°26'.20E	462200058	Inmarsat-C	AOR-E	Operational
		Safaga VTC	26°44'.69N 33°55'.22E	462299914	Inmarsat-C	AOR-E	Operational
	Iran (Islamic Republic of)	Abbas Radio (Persian Gulf)	27°06'.00N 056°03'.00E	Not registered yet	F	IOR	Planned
		Busheh Radio (Persian Gulf)	28°59'.00N 050°49'.00E	Not registered yet	F	IOR	Planned
X	France (New Caledonia)	MRCC Nouméa	22°17'.00S 166°26'.00E	422799194	Inmarsat-C	POR	Operational
XI	China	Beijing	N. I.	N. I.	N. I.	N. I.	Operational
	Philippines	Manila	N. I.	N. I.	Inmarsat-B/C	POR	Planned [TBD]
	Republic of Korea	Incheon	37°27'. N 126°36'. E	344040510-3	F	IOR & POR	Operational
		Namhae	35°07'. N 129°03'. E	765043690-2 764868945-7 765058119 764875821	F	IOR & POR	Operational

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
XI (cont.)	Republic of Korea (cont.)			344086261-3 344086272-4			
		Seohae	34°47'. N 126°32'. E	344086028 344086031 344086022-4 344086026 344086427-30	F	IOR & POR	Operational
		Jeju	33°31'. N 126°32'. E	344086272-5	F	IOR & POR	Operational
		Donghae	37°29'. N 129°07'. E	344086355-7 344086261-3 344086265 344040515-7 3440405518	F	IOR & POR	Operational
	Viet Nam	Viet Nam Maritime Search and Rescue Coordinating Centre (VMRCC)	No. 8 – Pham Hung – Cau Giay – Ha Noi – Viet Nam	N. I.	Inmarsat-Mini M Inmarsat-C	IOR	Planned
	Associate Member of IMO Hong Kong, China	Hong Kong MRCC	22°17'.37N 114°09'.17E	447735011	Inmarsat-C	POR	Operational
				447735012	Inmarsat-C	IOR	Operational
XII	Canada	JRCC Victoria	48°25.9'N 123°26.25'W	584 431699932	Inmarsat-C	AOR-W	Operational
			48°25.9'N 123°26.25'W	582 431699933	Inmarsat-C	POR	Operational
XIII	Canada	JRCC Trenton	44°07'.00N 077°32'.00W	431699928	Inmarsat-C	AOR-W	Operational
			44°07'.00N 077°32'.00W	431699929	Inmarsat-C	AOR-E	Operational
	Russian Federation	MRCC Vladivostok	43°07'.00N 131°53'.00E	Voice 761320633 Telex 492500379	Inmarsat-Mini-M Inmarsat-C	POR (582)	Operational
XIII (cont.)	Russian Federation (cont.)	MRSC Yuzhno-Sakhalinsk	46°59'.00N 142°43'.00E	427311122	Inmarsat-C	POR	Operational
		MRSC-Petropavlovsk-Kamchatskiy	53°00'.00N 158°39'.00E	-	-	-	Planned [2002]
XIV	French Polynesia	MRCC Papeete	17°32'.00S 149°35'.00W	422799192	Inmarsat-C	POR	Operational

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
XV	Chile	MRCC Chile	23°40'.67S 070°24.48' W	Tel. 56322208637 56322208638 56322208639 Fax: 56322208662 E-mail: mrccchile@directemar.cl	Inmarsat-C	AOR-W	Operational
		MRCC Iquique	20°12'.68S 070° 09'.22W	Tel. 5657401961 5657401986 Fax: 5657401996 E-mail: mrcciquique@directemar.cl	-	-	Operational
		MRCC Valparaíso	33°04'.70S 071°36'.80W	Tel. 56322208905 56322208913 Fax: 56322208909 E-mail: Mrccvalparaiso@directemar.cl	-	-	Operational
		MRCC Talcahuano	36°41´.48S 073°06'.52W	Tel. 56412266162 56412266186 Fax: 56412266196 E-mail: mrcctalcahuano@directemar.cl	-	-	Operational
		MRCC Puerto Montt	41°28´.83S 072°57´.67W	Tel. 5665561190 5665561153 Fax: 5665483931 E-mail: mrccpuertomontt@directemar.cl	-	-	Operational

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
XV (cont.)	Chile (cont.)	MRCC Punta Arenas	53°09´.92S 070°54´.28W	Tel. 5661205477 5661201161 Fax: 5661201196 E-mail mrccpuntaarenas@directemar.cl	-	-	Operational
XVI	NONE						
XVII	Canada	JRCC Trenton	44°07'.00N 077°32'.00W	431699928	Inmarsat-C	AOR-W, POR	Operational
				431699929	Inmarsat-C	AOR-E	Operational
XVIII	Canada	JRCC Trenton	44°07'.00N 077°32'.00W	431699928	Inmarsat-C	AOR-W	Operational
				431699929	Inmarsat-C	AOR-E	Operational
XX	Russian Federation	Barents Sea MRCC Murmansk	63°59'.00N 033°04'.00E	Voice 762137155 Fax: 762137157	Inmarsat-Mini-M	AOR-E	Operational
		White Sea MRSC Arkhangelsk	64°32'.00N 040°32'.00E	492509110	Inmarsat-C	AOR-E, IOR	Operational

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ANNEX 7

NAVTEX SERVICE

International 518 kHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
I	Belgium	Oostende Radio	51°10'.95N 002°48'.47E	55	T	0310,0710,1110,1510,1910,2310	English	Operational
		Oostende	51°10'.95N 002°48'.47E	150	V	0330,0730,1130,1530,1930,2330	English	Operational (ThamesApproaches broadcast for United Kingdom)
	Estonia	Tallinn	59°27'.84N 024°21'.42E	250	U	0320,0720,1120,1520,1920,2320	English	Operational
	France	Cross Corsen	48°28'.56N 005°03'.18W	300	A	0000,0400,0800,1200,1600,2000	English	Operational
	Germany	Pinneberg	53°40'.50N 009°48'.50E	250	S	0300,0700,1100,1500,1900,2300	English	Operational
	Iceland	Reykjavik Radio / Saudanes	66°11'.17N 018°57'.12W	450	R	0250,0650,1050,1450,1850,2250	English	Operational
		Reykjavik Radio / Grindavik	63°49'.99N 022°27'.04W	450	X	0350,0750,1150,1550,1950,2350	English	Operational
	Ireland	Valencia	51°56'.00N 010°21'.00W	400	W	0340,0740,1140,1540,1940,2340	English	Operational
		Malin Head	55°21'.80N 007°20'.39W	400	Q	0240,0640,1040,1440,1840,2240	English	Operational
	Netherlands	Netherlands Coastguard Radio (PBK)	52°05'.41N 004°15'.27E	110	P	0230,0630,1030,1430,1830,2230	English	Operational
	Norway	Rogaland Radio	58°38'.92N 005°36'.58E	450	L	0150,0550,0950,1350,1750,2150	English	Operational
		Ørlandet	63°39'.70N 009°32'.80E	450	N	0210,0610,1010,1410,1810,2210	English	Operational
		Jeloya	59°26'.08N 010°35'.48E	200	M	0200,0600,1000,1400,1800,2200	English	Operational
	Sweden	Bjuröklubb	64°27'.71N 021°35'.47E	300	H	0110,0510,0910,1310,1710,2110	English	Operational
		Gislövshammar	55°29'.38N 014°18'.87E	300	J	0130,0530,0930,1330,1730,2130		
		Grimeton	57°06'.32N 012°23'.36E	300	I	0120,0520,0920,1320,1720,2120		
	United Kingdom	Cullercoats	55°04'.49N 001°27'.79W	300	G	0100,0500,0900,1300,1700,2100	English	Operational
		Portpatrick	54°50'.64N 005°07'.47W	300	O	0220,0620,1020,1420,1820,2220	English	Operational
		Niton	50°35'.18N 001°15'.29W	300	E	0040,0440,0840,1240,1640,2040	English	Operational
		Niton	50°35'.18N 001°15'.29W	300	K	0140,0540,0940,1340,1740,2140	English	Operational (NE Coast of France and Channel Islands broadcast for France)

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
I (cont.)	**Associate Member of IMO** Faroes (Denmark)	Torshavn Radio	62°00'.87N 006°48'.01W	300	D	0030,0430,0830,1230,1630,2030	English	Operational
II	Cameroon	Douala	N. I.	N. I.	Not yet allocated		English	Planned
	Cape Verde	Sao Vicente Radio	16°51'.10N 025°00'.30W	250	U	0320,0720,1120,1520,1920,2320	English	Operational
	Côte d'Ivoire	Abidjan Radio	05°19'.34 N 004°01'.02 W	N. I.	N. I.	N. I.	English	Planned
	France	Cross Corsen	48°28'.56N 005°03'.18W	300	A	0000,0400,0800,1200,1600,2000	English	Operational
	Mauritania	Nouadhibou Radio	N. I.	N. I.	Not yet allocated		EnglishN. I.	Planned
	Morocco	Casablanca Radio	33°36'.00N 007°38'.00W	180	M	0200,0600,1000,1400,1800,2200	English	Planned
	Portugal	Horta Radio	38°31'.87N 028°37'.92W	640	F	0050,0450,0850,1250,1650,2050	English	Operational
		Monsanto Radio	38°43'.88N 009°11'.35W	530	R	0250,0650,1050,1450,1850,2250	English	Operational
		Madeira (Porto Santo)	33°05'.07N 016°19'.39W	N. I.	P	0230,0630,1030,1430,1830,2230	English	Planned
	Senegal	Dakar	14°46'.25N 017°20'.40W	200	C	0020,0420,0820,1220,1620,2020	English	Operational
	Spain	Coruña	43°22'.03N 008°27'.13W	400	D	0030,0430,0830,1230,1630,2030	English	Operational
		Tarifa	36°02'.53N 005°33'.38W	400	G	0100,0500,0900,1300,1700,2100	English	Operational
		Las Palmas	28°25'.97N 016°20'.17W	400	I	0120,0520,0920,1320,1720,2120	English	Operational
III	Algeria	Bordj-El-Kiffan	36°46'.89N 003°15'.61E	200	B	0010,0410,0810,1210,1610,2010	English	Operational
	Azerbaijan	Baku (Chilov)	40°19' 63N 050°36' 73E	200	R	0250,0650,1050,1450,1850,2250	English	Operational
	Bulgaria	Varna Radio	43°04'.01N 027°47'.19E	350	J	0130,0530,0930,1330,1730,2130	English	Operational (Also broadcast information for Romania)
	Croatia	Split (Hvar Is)	43°10'.00N 016°25'.00E	200	Q	0240,0640,1040,1440,1840,2240	English	Operational
	Cyprus	Cyprus Radio	35°02'.90N 033°17'.00E	200	M	0200,0600,1000,1400,1800,2200	English	Operational
	Egypt	Alexandria	31°12'.00N 029°52'.00E	350	N	0210,0610,1010,1410,1810,2210	English	Operational
	France	CROSS La Garde	43°06'.26N 005°59'.49E	250	W	0340,0740,1340,1540,1940,2340	English	Operational
	Greece	Irakleio	35°20'.00N 025°07'.00E	400	H	0110,0510,0910,1310,1710,2110	English	Operational
		Kerkyra	39°37'.00N 019°55'.00E	400	K	0140,0540,0940,1340,1740,2140	English	Operational
		Limnos	39°52'.00N 025°04'.00E	400	L	0150,0550,0950,1350,1750,2150	English	Operational
	Iran (Islamic Republic of)	Fereydoonkenar Radio (Caspian Sea)	36°42'.00N 052°33'.00E	250	G	0100,0500,0900,1300,1700,2100	English	Operational
	Israel	RCC Haifa	32°54'.00N 035°07'.00E	400	P	0230,0630,1030,1430,1830,2230	English	Operational
	Italy	La Maddalena	41°13'.22N 009°23'.57E	320	R	0250,0650,1050,1450,1850,2250	English	Operational
		Mondolfo	43°44'.51N 013°08'.33E	320	U	0320,0720,1120,1520,1920,2320	English	Operational
		Sellia Marina	38° 52'.21N 016°43'.06E	320	V	0330,0730,1130,1530,1930,2330	English	Operational

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
III (cont.)	Libya	Surt	N. I.	320	S	0300,0700,1100,1500,1900,2300	English	Planned
	Malta	Malta Radio	35°50'.29N 014°29'.38E	400	O	0220,0620,1020,1420,1820,2220	English	Operational
	Russian Federation	Novorossiysk	44°36'.00N 037°58'.00E	300	A	0000,0400,0800,1200,1800,2000	English	Operational
		Astrakhan (Caspian Sea)	45°47'.00N 047°33'.00E	250	W	0340,0740,1140,1540,1940,2340	English	Operational
	Spain	Cabo La Nao	38°43'.07N 000°10'.55E	400	X	0350,0750,1150,1550,1950,2350	English	Operational
		Tarifa	36°02'.53N 005°33'.38W	400	G	0100,0500,0900,1300,1700,2100	English	Operational
	Tunisia	Kelibia	36°48'.08N 011°02'.29E	270.	T	0310,0710,1110,1510,1910,2310	English	Temporarily Out of Operation
	Turkey	Istanbul	41°04'.00N 028°57'.00E	400	D	0030,0430,0830,1230,1630,2030	English	Operational
		Samsun	41°23'.00N 036°11'.00E	400	E	0040,0440,0840,1240,1640,2040	English	Operational
		Antalya	36°09'.00N 032°26'.00E	400	F	0050,0450,0850,1250,1650,2050	English	Operational
		Izmir	38°16'.00N 026°16'.00E	400	I	0120,0520,0920,1320,1720,2120	English	Operational
	Ukraine	Odessa	46°22'.39N 030°44'.51E	250	C	0020,0420,0820,1220,1620,2020	English	Operational
		Kerch	45°23'.09N 036°38'.14E	250	G	0100,0500,0900,1300,1700,2100	English	Operational
IV	Bermuda (U.K.)	Bermuda	32°21'.07N 064°39'.46W	280	B	0010,0410,0810,1210,1610,2010	English	Operational
	Canada	Sept-Iles (remote controlled from Riviere-au-Renard)	50°11'.75N 066°06'.73W	300	C	0020,0420,0820,1220,1620,2020	English	Operational
		Wiarton (remote controlled from Prescott)	44°56'.22N 081°14'.00W	300	H	0110,0510,0910,1310,1710,2110	English	Operational
		Thunder Bay	48°33'.80N 088°39'.37W	300	P	0230,0630,1030,1430,1830,2230	English	Operational
		Sydney	46°11'.15N 059°53'.77W	300	Q	0240,0640,1040,1440,1840,2240	English	Operational
		Yarmouth (remote controlled from Saint John)	43°44'.65N 066°07'.32W	300	U	0320,0720,1120,1520,1920,2320	English	Operational
		St. John's	47°36'.65N 052°40'.18W	300	O	0220,0620,1020,1420,1820,2220	English	Operational
		Labrador	53°42'.52N 057°01'.35W	300	X	0350,0750,0910,1150,1550,1950,2350	English	Operational
		Iqaluit	63°43'.82N 068°32'.70W	300	T	0310,0710,1110,1510,1910,2310	English	Operational
	Curaçao (Netherlands)	Curaçao	12°10'.31N 068°51'.82W	400	H	0110,0510,0910,1310,1710,2110	English	Operational
	Greenland (Denmark)	Kook Island (Nuuk)	64°04'.00N 052°01'.00W	300	W	0340,0740,1140,1540,1940,2340	English	Operational
		Simiutaq	60°41'.00N 046°35'.00W	300	M	0200,0600,1000,1400,1800,2200	English	Operational
	Mexico	Veracruz	19°09'.00N 096°07'.00W	250	N. I.	N. I.	English	Planned
		Cozumel	20°16'.00N 086°44'.00W	250	N. I.	N. I.	English	Planned
	United States	Miami	25°37'.40N 080°23'.37W	240	A	0000,0400,0800,1200,1600,2000	English	Operational
		Boston	41°42'.82N 070°30'.27W	200	F	0050,0450,0850,1250,1650,2050	English	Operational

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
IV (cont.)	United States (cont.)	New Orleans	29°53'.08N 089°56'.73W	200	G	0100,0500,0900,1300,1700,2100	English	Operational
		Portsmouth	36°43'.72N 076°00'.60W	280	N	0210,0610,1010,1410,1810,2210	English	Operational
		Isabella	18°28'.00N 067°04'.32W	200	R	0250,0650,1050,1450,1850,2250	English	Operational
		Charleston	32°50'.67N 079°57'.00W	200	E	0040,0440,0840,1240,1640,2040	English	Operational
	Venezuela							Planned [1999]
V	Brazil			N. I.				Planned
VI	Argentina	Ushuaia	54°48'.00S 068°18'.00W	280	M	0200,0600,1000,1400,1800,2200	English	Operational
		Rio Gallegos	51°37'.00S 069°13'.00W	280	N	0210,0610,1010,1410,1810,2210	English	Operational
		Comodoro Rivadavia	45°50'.50S 067°28'.40W	280	O	0220,0620,1020,1420,1820,2220	English	Operational
		Bahia Blanca	38°52'.00S 062°06'.00W	280	P	0230,0630,1030,1430,1830,2230	English	Operational
		Mar del Plata	38°03'.00S 057°32'.00W	280	Q	0240,0640,1040,1440,1840,2240	English	Operational
		Buenos Aires	35°23'.00S 057°10'.00W	280	R	0250,0650,1050,1450,1850,2250	English	Operational
	Uruguay	La Paloma	34°40'.00S 054°09'.00W	280	F	0050,0450,0850,1250,1650,2050	English	Temporarily Out of Operation
VII	Namibia	Walvis Bay	23°03'.00S 014°37'.00E	378	B	0010,0410,0810,1210,1610,2010	English	Temporarily Out of Operation
	South Africa	Cape Town Radio	33°40'.97S 018°43'.09E	300	C	0020,0420,0820,1220,1620,2020	English	Operational
		Port Elizabeth Radio	34°02'.20S 025°33'.37E	300	I	0120,0520,0920,1320,1720,2120	English	Operational
		Durban Radio	29°48'.35S 030°48'.95E	300	O	0220,0620,1020,1420,1820,2220	English	Operational
VIII	India	Mumbai	19°05'.00N 072°50'.00E	250	G	0100,0500,0900,1300,1700,2100	English	Temporarily Out of Operation
		Chennai	13°08'.00N 080°10'.00E	250	P	0230,0630,1030,1430,1830,2230	English	Temporarily Out of Operation
		Veraval	20°54'.60N 070°23'.00E	250	H	0110,0510,0910,1310,1710,2110	English	Planned
		Vengurla Point	15°51'.20N 073°37'.00E	250	J	0130,0530,0930,1330,1730,2130	English	Planned
		Muttam Point	08°07'.40N 077°19'.10E	250	L	0150,0550,0950,1350,1750,2150	English	Planned
		Porto Novo	11°30'.20N 079°46'.20E	250	O	0220,0620,1020,1420,1820,2220	English	Planned
		Vakalpudi	17°00'.80N 082°17'.10E	250	Q	0240,0640,1040,1440,1840,2240	English	Planned
		Balasore	21°29'.20N 086°55'.00E	250	S	0300,0700,1100,1500,1900,2300	English	Planned
		Keating Point (Andaman and Nicobar Islands)	09°15'.40N 092°46'.50E	250	V	0330,0730,1130,1530,1930,2330	English	Planned
	Mauritius	Mauritius	20°09'.00S 057°28'.00E	400	C	0020,0420,0820,1220,1620,2020	English	Operational
IX	Bahrain	Hamala	26°09'.00N 050°28'.00E	300	B	0010,0410,0810,1210,1610,2010	English	Operational
	Egypt	Serapeum (Ismailia)	30°28'.00N 032°22'.00E	400	X	0350,0750,1150,1550,1950,2350	English	Operational
		Kosseir	26°06'.00N 034°17'.00E	400	V	0330,0730,1130,1530,1930,2330	English	Operational

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
IX (cont.)	Iran (Islamic Republic of)	Abbas Radio (Persian Gulf)	27°06'.00N 056°03'.00E	300	F	0050,0450,0850,1250,1650,2050	English	Operational
		Busherhr (Persian Gulf)	28°59'.00N 050°49'.00E	300	A	0000,0400,0800,1200,1600,2000	English	Operational
	Oman	Muscat	23°36'.00N 058°30'.00E	270	M	0200,0600,1000,1400,1800,2200	English	Operational
	Pakistan	Karachi	24°52'.00N 067°09'.94E	400	P	0230,0630,1030,1430,1830,2230	English	Temporarily Out of Operation
	Saudi Arabia	Jeddah	21°23'.00N 039°10'.00E	390	H	N. I.	English	Non-Operational
X	NONE[1]							
XI	China	Sanya	18°17'.49N 109°21'.80E	250	M	0200,0600,1000,1400,1800,2200	English	Operational
		Guangzhou	23°09'.56N 113°30'.80E	250	N	0210,0610,1010,1410,1810,2210	English	Operational
		Fuzhou	25°59'.96N 119°26'.50E	250	O	0220,0620,1020,1420,1820,2220	English	Operational
		Shanghai	31°06'.79N 121°32'.79E	250	Q	0240,0640,1040,1440,1840,2240	English	Operational
		Dalian	38°50'.69N 121°31'.09E	250	R	0250,0650,1050,1450,1850,2250	English	Operational
	Democratic People's Republic of Korea	Pyongyang	38°59'.58N 125°42'.93E	200	D	0030,0430,0830,1230,1630,2030	English	Operational
		Hamhung	39°50'.00N 127°41'.02E	200	E	0040,0440,0840,1240,1640,2040	English	Operational
	Indonesia	Jayapura	02°31'.13S 140°43'.30E	300	A	0000,0400,0800,1200,1600,2000	English	Operational
		Ambon	03°41'.68S 128°11'.88E	300	B	0010,0410,0810,1210,1610,2010	English	Operational
		Makassar	05°04'.89S 119°29'.83E	300	D	0030,0430,0830,1230,1630,2030	English	Operational
		Jakarta	06°07'.15S 106°51'.78E	300	E	0040,0440,0840,1240,1640,2040	English	Operational
	Japan	Kushiro	42°57'.35N 144°35'.37E	400	K	0140,0540,0940,1340,1740,2140	English	Operational
		Otaru	43°19'.53N 140°26'.83E	400	J	0130,0530,0930,1330,1730,2130	English	Operational
		Yokohama	35°14'.55N 139°55'.28E	400	I	0120,0520,0920,1320,1720,2120	English	Operational
		Moji	34°00'.90N 130°56'.10E	400	H	0110,0510,0910,1310,1710,2110	English	Operational
		Naha	26°05'.47N 127°40'.12E	400	G	0100,0500,0900,1300,1700,2100	English	Operational
	Malaysia	Penang	05°25'.58N 100°24'.40E	350	U	0320,0720,1120,1520,1920,2320	English	Operational
		Miri	04°26'.42N 114°01'.51E	350	T	0310,0710,1110,1510,1910,2310	English	Operational
		Sandakan	05°53'.85N 118°00'.24E	350	S	0300,0700,1100,1500,1900,2300	English	Operational
	Philippines	Manila	14°30'.00N 121°04'.00E	320	J	0130,0530,0930,1330,1730,2130	English	Operationnal
		Davao	07°07'.30N 125°39'.42E	320	R	0250,0650,1050,1450,1850,2250	English	Planned
	Republic of Korea	Jukbyeon	37°03'.45N 129°25'.70E	200	V	0330,0730,1130,1530,1930,2330	English	Operational
		Byeonsan	35°35'.82N 126°29'.18E	200	W	0340,0740,1140,1540,1940,2340	English	Operational
	Singapore	Singapore POCC	01°20'.65N 103°58'.35E	400	C	0020,0420,0820,1220,1620,2020	English	Operational
	Thailand	Bangkok Radio	13°01'.47N 100°01'.20E	400	F	0050,0450,0850,1250,1650,2050	English	Operational

(1) Australia is only providing coastal warnings through the International SafetyNET Service (AUSCOAST). See annex 8.

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
	United States	Guam	13°28'.62N 144°50'.10E	250	V	0330,0730,1130,1530,1930,2330	English	Operational
XI (cont.)	Viet Nam	Ho Chi Minh Ville/XVS Radio	10°23'.67N 107°08'.68E	400	X	0350,0750,1150,1550,1950,2350	English	Operational
		Da Nang/XVT Radio	16°03'.33N 108°09'.42E	400	K	0140,0540,0940,1340,1740,2140	English	Operational
	Associate Member of IMO Hong Kong, China	Hong Kong, China	22°12'.57N 114°15'.30E	400	L	0150,0550,0950,1350,1750,2150	English	Operational
XII	Canada	Prince Rupert	54°18'.05N 130°24'.17W	300	D	0030,0430,0830,1230,1630,2030	English	Operational
		Tofino	48°55'.28N 125°32'.38W	300	H	0110,0510,0910,1310,1710,2110	English	Operational
	Ecuador	Ayora Radio	00°43'.03S 090°19'.63W	400	L	0150,0550,0950,1350,1750,2150	English	Operational
	Mexico	La Paz	24°08'.00N 110°17'.00W	250	N. I.	N. I.	English	Planned
		Manzanillo	19°05'.00N 104°18'.00W	250	N. I.	N. I.	English	Planned
		Salina Cruz	16°09'.00N 095°12'.00W	250	N. I.	N. I.	English	Planned
	United States	San Francisco	37°55'.53N 122°43'.87W	350	C	0020,0420,0820,1220,1620,2020	English	Operational
		Kodiak	57°46'.63N 152°31'.72W	200	J	0130,0530,0930,1330,1730,2130	English	Operational
		Kodiak	57°46'.63N 152°31'.72W	200	X	0350,0750,1150,1550,1950,2350	English	Operational
		Honolulu	21°26'.10N 158°08'.65W	350	O	0220,0620,1020,1420,1820,2220	English	Operational
		Cambria	35°31'.12N 121°03'.60W	350	Q	0240,0640,1040,1440,1840,2240	English	Operational
		Astoria	46°12'.40N 123°57'.38W	216	W	0340,0740,1140,1540,1940,2340	English	Operational
XIII	Russian Federation	Kholmsk	47°02'.00N 142°03'.00E	300	B	0010,0410,0810,1210,1610,2010	English	Operational
		Petropavlovsk-Kamchatskiy	53°00'.00N 158°40'.00E	300	C	0020,0420,0820,1220,1620,2020	English	Operational
		Vladivostok	43°23'.00N 131°54'.00E	230	A	0000,0400,0800,1200,1600,2000	English	Operational
		Okhotsk	59°22'.00N 143°12'.00E	300	G	0100,0500,0900,1300,1700,2100	English	Operational
		Magadan	59°41'.00N 150°09'.00E	120	D	0030,0430,0830,1230,1630,2030	English	Operational
XIV	NONE							
XV	Chile	Antofagasta	23°29'.54S 070°25'.46W	300	A	0400, 1200, 2000	English	Operational
					H	0000, 0800, 1600	Spanish	
		Valparaiso	33°04'.70S 071°36'.80W	300	B	0410, 1210, 2010	English	Operational
					I	0010, 0810, 1610	Spanish	
		Talcahuano	36°41'.48S 073°06'.52W	300	C	0420, 1220, 2020	English	Operational
					J	0020, 0820, 1620	Spanish	
		Puerto Montt	41°28'.83S 072°57'.67W	300	D	0430, 1230, 2030	English	Operational
					K	0030, 0830, 1630	Spanish	
		Magallanes	53°09'.92S 070°54'.28W	300	E	0440, 1240, 2040	English	Operational
					L	0040, 0840, 1640	Spanish	

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
XV (cont.)	Chile (cont.)	Isla de Pascua	27°08'.98S 109°26'.22W	300	F	0450, 1250, 2050	English	Operational
					G	0050, 0850, 1650	Spanish	
XVI	Peru	Paita	05°06'.00S 081°07'.00W	250	S	0300,0700,1100,1500,1900,2300	English	Operational
		Callao	12°04'.00S 077°09'.00W	250	U	0320,0720,1120,1520.1920,2320	English	Operational
		Mollendo	17°00'.00S 072°02'.00W	250	W	0340,0740,1140,1540,1940,2340	English	Operational
XVIII	Greenland (Denmark)	Upernavik	72°47'.00S 056°09'.00W	300	I	0120,0520,0920,1320,1720,2120	English	Operational
XIX	Norway	Bodø Radio	67°16'.00N 014°23'.00E	450	B	0010,0410,0810,1210,1610,2010	English	Operational
		Vardø Radio	70°22'.00N 031°06'.00E	450	C	0330,0730,1130,1530,1930,2330	English	Operational
		Bodø Radio o/ Svalbard (Isfjord)	78°03'.42N 013°36'.59E	450	A	0000,0400,0800,1200,1600,2000	English	Operational
XX	Russian Federation	Murmansk	68°46'.00N 032°58'.00E	300	K	0140,0540,0940,1340,1740,2140	English	Operational
		Arkhangelsk	64°51'.00N 040°17'.00E	300	L	0150,0550,0950,1350,1750,2150	English	Operational
XXI	Russian Federation	Tiksi	71°38'.00N 128°50'.00E	300	Q	0240,0640,1040,1440,1840,2240	English	Operational (Period from 1 July to 30 October)

National 490 kHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
I	Belgium	Oostende Radio	51°11'.00N 002°48'.00E	55	B	0010,0410,0810,1210,1610,2010	Dutch	Operational
	Germany	Pinneberg	53°40'.50N 009°48'.50E	250	L	0150,0550,0950,1350,1750,2150	German	Operational
	Iceland	Reykjavik Radio / Grindavik	63°49'.99N 022°27'.04W	450	K	0140,0540,0940,1340,1740,2140	Icelandic	Operational
		Reykjavik Radio / Saudnes	66°11'.17N 018°57'.12W	450	E	0040,0440,0840,1240,1640,2040	Icelandic	Operational
	Ireland	Malin Head	55°21'.80N 007°20'.39W	400	A	0000,0400,0800,1200,1600,2000	English	Operational (North West Approaches broadcast for United Kingdom)
	United Kingdom	Cullercoats	55°04'.49N 001°27'.79W	300	U	0320,0720,1120,1520,1920,2320	English	Operational
		Portpatrick	54°50'.64N 005°07'.47W	300	C	0020,0420,0820,1220,1620,2020	English	Operational
		Niton	50°35'.18N 001°15'.29W	300	I	0120,0520,0920,1320,1720,2120	English	Operational
		Niton	50°35'.18N 001°15'.29W	300	T	0310,0710,1110,1510,1910,2310	French	Operational (NE Coast of France and Channel Islands broadcast for France)
II	Cape Verde	Sao Vicente Radio	16°51'.10N 025°00'.30W	250	P	0230,0630,1030,1430,1830,2230	Portuguese	Operational
	France	Ouessant	48°28'.56N 005°03'.18W	300	E	0040,0440,0840,1240,1640,2040	French	Operational
	Portugal	Monsanto	38°43'.88N 009°11'.35W	530	G	0100,0500,0900,1300,1700,2100	Portuguese	Operational
		Horta	38°31'.87N 028°37'.92W	640	J	0130,0530,0930,1330,1730,2130	Portuguese	Planned
		Madeira (Porto Santo)	33°05'.07N 016°19'.39W.	N. I.	M	0200,0600,1000,1400,1800,2200	Portuguese	Planned
	Senegal	Dakar	14°46'.25N 017°20'.00W	200	M	0200,0600,1000,1400,1800,2200	French	Operational
	Spain	Coruña	43°22'.03N 008°27'.13W	400	W	0340,0740,1140,1540,1940,2340	Spanish	Operational
		Tarifa	36°02'.53N 005°33'.38W	400	T	0310,0710,1110,1510,1910,2310	Spanish	Operational
		Las Palmas	28°25'.97N 016°20'.17W	400	A	0000,0400,0800,1200,1600,2000	Spanish	Operational
III	Algeria	Bordj el Kiffan	36°46'.89N 003°15'.61E	200	K	0140,0540,0940,1340,1740,2140		Operational
	Azerbaijan	Baku (Chilov)	40°19'.63N 050°36'.73E	200	M	0200,0600,1000,1400,1800,2200	Azerbaijan	Operational
	France	CROSS La Garde	43°06'.26N 005°59'.49E	250	S	0300,0700,1100,1500,1900,2300	French	Operational

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
III (cont.)	Greece	Irakleio	35°20'.00N 025°07'.00E	400	Q	0240,0640,1040,1440,1840,2240	Greek	Operational
		Kerkyra	39°37'.00N 019°55'.00E	400	P	0230,0630,1030,1430,1830,2230	Greek	
		Limnos	39°52'.00N 025°04'.00E	400	R	0250,0650,1050,1450,1850,2250	Greek	
	Iran (Islamic Republic of)	Fereydoonkenar Radio (Caspian Sea)	36°42'.00N 052°33'.00E	250	J	0130,0530,0930,1330,1730,2130	Farsii	Operational
	Italy	La Maddalena	41°13'.22N 009°23'.57E	320	I	0120,0520,0920,1320,1720,2120	Italian	Operational
		Mondolfo	43°44'.51N 013°08'.33E	320	E	0040,0440,0840,1240,1640,2040	Italian	Operational
		Sellia Marina	38°52'.21N 016°43'.06E	320	W	0340,0740,1140,1540,1940,2340	Italian	Operational
	Romania	Constanta Radio	44°06'.00N 028°38'.00E	400	L	0150,0550,0950,1350,1750,2150	Romanian	Operational
	Spain	Cabo La Nao	38°43'.07N 000°10'.55E	400	M	0200,0600,1000,1400,1800,2200	Spanish	Operational
		Tarifa	36°02'.53N 005°33'.38W	400	T	0310,0710,1110,1510,1910,2310	Spanish	Operational
	Syria	Lattakia Radio	35°32'.13N 035°46'.50E	N. I.	K.	0140,0540,0940,1340,1740,2140	N. I.	Operational
	Turkey	Samsun	41°23'.00N 036°11'.00E	400	A	0000,0400,0800,1200,1600,2000	Turkish	Operational
		Istanbul	41°04'.00N 028°57'.00E	400	B	0010,0410,0810,1210,1610,2010	Turkish	Operational
		Izmir	38°16'.00N 026°16'.00E	400	C	0020,0420,0820,1220,1620,2020	Turkish	Operational
		Antalya	36°09'.00N 032°26'.00E	400	D	0030,0430,0830,1230,1630,2030	Turkish	Operational
	Ukraine	Odessa	46°22'.39N 030°44'.51E	250	X	0350,0750,1150,1550,1950,2350	English	Operational
		Kerch	45°23'.09N 036°38'.14E	250	U	0320,0720,1120,1520,1920,2320	English	Operational
IV	Canada	Sept-Iles	50°11'.75N 066°06'.73W	300	D	0035,0435,0835,1235,1635,2035	French	Operational
		Sydney	46°11'.15N 059°53'.77W	300	J	0225,0655,1055,1455,1855,2255	French	Operational
		Yarmouth	43°44'.65N 066°07'.32W	300	V	0335,0735,1135,1535,1935,2335	French	Operational
		Iqaluit	63°43'.82N 068°32'.70W	300	S	0300,0700,1100,1500,1900,2300	French	Operational
VI	Argentina	Ushuaia	54°48'.00S 068°18'.00W	280	A	0000,0400,0800,1200,1600,2000	Spanish	Operational
		Rio Gallegos	51°37'.00S 069°13'.00W	280	B	0010,0410,0810,1210,1610,2010	Spanish	Operational
		Comodoro Rivadavia	45°50'.50S 067°28'.40W	280	C	0020,0420,0820,1220,1620,2020	Spanish	Operational
		Bahia Blanca	38°52'.00S 062°06'.00W	280	D	0030,0430,0830,1230,1630,2030	Spanish	Operational
		Mar del Plata	38°03'.00S 057°32'.00W	280	E	0040,0440,0840,1240,1640,2040	Spanish	Operational
		Buenos Aires	35°23'.00S 057°10'.00W	280	F	0050,0450,0850,1250,1650,2050	Spanish	Operational
	Uruguay	La Paloma	34°40'.00S 054°09'.00W	280	A	0000,0400,0800,1200,1600,2000	Spanish	Non Operational
VIII	India	Veraval	20°54'.60N 070°23'.00E	250	P	0230,0630,1030,1430,1830,2230	N.I.	Planned
		Vengurla Point	15°51'.20N 073°37'.00E	250	R	0250,0650,1050,1450,1850,2250	N.I.	Planned
		Muttam Point	08°07'.40N 077°19'.10E	250	T	0310,0710,1110,1510,1910,2310	N.I.	Planned
		Porto Novo	11°30'.20N 079°46'.20E	250	E	0040,0440,0840,1240,1640,2040	N.I.	Planned
		Vakalpudi	17°00'.80N 082°17'.10E	250	G	0100,0500,0900,1300,1700,2100	N.I.	Planned
		Balasore	21°29'.20N 086°55'.00E	250	I	0120,0520,0920,1320,1720,2120	N.I.	Planned
		Keating Point (Andaman and Nicobar Islands)	09°15'.40N 092°46'.50E	250	K	0140,0540,0940,1340,1740,2140	N.I.	Planned

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
IX	Iran (Islamic Republic of)	Abbas Radio (Persian Gulf)	27°06'.00N 056°03'.00E	300	I	0120,0520,0920,1320,1720,2120	Farsi	Operational
		Bushehr Radio (Persian Gulf)	28°59'.00N 050°49'.00E	300	D	0030,0430,0830,1230,1630,2030	Farsi	Operational
XI	China	Sanya	18°17'.49N 109°21'.80E	250	M	0200,0600,1000,1400,1800,2200	Chinese(1)	Operational
		Zhanjiang	21°09'.58N 110°21'.82E	250	P	0230,0630,1030,1430,1830,2230	Chinese(1)	Operational
		Guangzhou	23°09'.56N 113°30'.80E	250	N	0210,0610,1010,1410,1810,2210	Chinese(1)	Operational
		Fuzhou	25°59'.96N 119°26'.50E	250	O	0220,0620,1020,1420,1820,2220	Chinese(1)	Operational
		Shanghai	31°06'.79N 121°32'.79E	250	Q	0240,0640,1040,1440,1840,2240	Chinese(1)	Operational
		Tianjin	39°02'.39N 117°26'.95E	250	S	0300,0700,1100,1500,1900,2300	Chinese(1)	Operational
		Dalian	38°50'.69N 121°31'.09E	250	R	0250,0650,1050,1450,1850,2250	Chinese(1)	Operational
	Democratic People's Republic of Korea	Pyongyang	38°59'.58N 125°42'.93E	200	A	0000,0400,0800,1200,1600,2000	Korean	Operational
		Hamhung	39°50'.00N 127°41'.02E	200	B	0010,0410,0810,1210,1610,2010	Korean	Operational
	Japan	Kushiro	42°57'.00N 144°36'.00E	400	K	0108,0508,0908,1308,1708,2108	Japanese(2)	Operational
		Otaru	43°19'.00N 140°27'.00E	400	J	0051,0451,0851,1251,1651,2051	Japanese(2)	Operational
		Yokohama	35°14'.00N 139°55'.00E	400	I	0034,0434,0834,1234,1634,2034	Japanese(2)	Operational
		Moji	34°01'.00N 130°56'.00E	400	H	0017,0417,0817,1217,1617,2017	Japanese(2)	Operational
		Naha	26°05'.00N 127°40'.00E	400	G	0000,0400,0800,1200,1600,2000	Japanese(2)	Operational
	Philippines	Puerto Princesa	09°44'.36N 118°44'.00E	320	I	0120,0530,0930,1320,1720,2120	Tagalog/English	Planned
	Republic of Korea	Jukbyeon	37°03'.45N 129°25'.70E	200	J	0130,0530,0930,1330,1730,2130	Korean	Operational
		Byeonsan	35°35'.82N 126°29'.18E	200	K	0140,0540,0940,1340,1740,2140	Korean	Operational
	Viet Nam	Hai Phong	20°51'.02N 106°44'.02E	400	M	0200,0600,1000,1400,1800,2200	Vietnamese	Operational
		Da Nang/XVT Radio	16°03'.33N 108°09'.42E	400	F	0050,0450,0850,1250,1650,2050	Vietnamese	Operational
		Vung Tau Radio	10°23'.67N 107°08'.68E	400	V	0330,0730,1130,1530,1930,2330	Vietnamese	Operational
XII	Ecuador	Ayora Radio	00°43'.03S 090°19'.63W	400	A	0000,0400,0800,1200,1600,2000	Spanish	Operational
XV	Chile	Antofagasta	23°29'.54S 070°25'.46W				Spanish	March 2016
		Valparaiso	33°04'.70S 071°36'.80W				Spanish	
		Talcahuano	36°41'.48S 073°06'.52W				Spanish	
		Puerto Montt	41°28'.83S 072°57'.67W				Spanish	
		Magallanes	53°09'.92S 070°54'.28W				Spanish	
		Isla des Pascua	27°08'.98S 109°26'.22W				Spanish	

(1) Transmit on 486 kHz (Note: 486 kHz is a local frequency, not a GMDSS frequency allocated for national broadcasts).

(2) Transmit on 424 kHz (Note: 424 kHz is a local frequency, not a GMDSS frequency allocated for national broadcasts).

National 4209.5 kHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
II	Côte d'Ivoire	Abidjan Radio	05°19'.34N 004°01'.02W					Planned
III	Greece	Irakleio	35°20'.00N 025°07'.00E	400	S	0300,0700,1100,1500,1900,2300	Greek	Under trial
	Turkey	Istanbul	41°04'.00N 028°57'.00E	400	M	0200,0600,1000,1400,1800,2200	Turkish	Operational
IV	Mexico	Veracruz	19°09'.00N 096°07'.00W	250	N. I.	N. I.	Spanish	Planned
		Cozumel	20°16'.00N 086°44'.00W	250				
IX	Egypt	Serapeum (Ismailia)	30°28'.00N 032°22'.00E	400	X	0750, 1150	English	Operational
XI	China	Shangai	31°06'.79N 121°32'.79E	250	Q	0240,0640,1040,1440,1840,2240	English	Operational
	Viet Nam	Haiphong	20°51'.02N 106°44'.02E	N. I.	M	0200,0600,1000,1400,1800,2200	English	Operational
		Nha Trang	12°13'.33N 109°10'.83E	N. I.	C	0020,0420,0820,1220,1620,2020	English	Operationnal
XII	Mexico	La Paz	24°08'.00N 110°17'.00W	250	N. I.	N. I.	Spanish	Planned
		Manzanillo	19°05'.00N 104°18'.00W	250				
		Salina Cruz	16°09'.00N 095°12'.00W	250				

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(1) Provide a diagram showing limits of Costal Warning Areas, including B1 Codes.
NAV = NAVIGATIONAL WARNINGS
MET = METEOROLOGICAL INFORMATION
SAR = SEARCH AND RESCUE ALERTS
*** = NAVAREA COORDINATOR RESPONSIBLE FOR THE AREA**
**** = THE ISSUING SERVICE NOMINATED BY WMO FOR METAREA SERVICES, RESPONSIBLE FOR THE AREA**

ANNEX 8

THE INTERNATIONAL SAFETYNET SERVICE

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
I	NAV	United Kingdom*	Burum/Stratos	AOR-E/102		0530, 1730	Operational
	MET	United Kingdom**	Burum/Stratos	AOR-E/102		0930, 2130	Operational
	SAR	United Kingdom	Burum/Stratos	AOR-E/102 AOR-W/002			Operational
		Norway	EIK	IOR		As occasion demands	Operational
		Germany	Raisting	AOR-E & IOR		As occasion demands	Operational
		Netherlands	Burum Stratos Global	AOR-E AOR-W IOR POR	= RCC Den Helder	As occasion demands	Operational
II	NAV	France*	Aussaguel	AOR-E	AREA II	0430, 1630	Operational
	MET	France**	Aussaguel	AOR-E/AOR-W	AREA II	1015,2215	Operational
	SAR	France/United Kingdom	Aussaguel/Goonhilly	AOR-E/AOR-W	AREA II	As occasion demands	Operational
		Cape Verde	N. I.	N. I.		As occasion demands	Operational
III	NAV	Azerbaijan	Burum	IOR	AREA III		Planned
		Spain*		AOR-E	AREA III	1200, 2400 + on receipt	Operational
	MET	Azerbaijan	Burum	IOR	AREA III		Planned
		Greece**	Thermopylae	AOR-E	AREA III	1000, 2200	Operational
	SAR	Azerbaijan	Burum	IOR	AREA III		Planned
		Greece	Thermopylae	AOR-E & IOR	Greek SAR region	As occasion demands	Operational

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
III (cont.)	SAR (cont.)d	Cyprus	Eik	AOR-E & AOR-W & POR & IOR	All Ocean Areas	As occasion demands	Operational
		Cyprus	Thermopylae	AOR-E & IOR			
		Cyprus	Goonhilly	AOR-E & AOR-W & POR & IOR			
IV	NAV	French West Indies (France)	Aussaguel	AOR-W	Coastal Navigational Warnings, Zone C	0900, 2100	Operational
		French Guyana (France)	Aussaguel	AOR-W	Coastal Navigational Warnings, Zone A	0900, 2100	Operational
		United States*	Southbury	AOR-E & AOR-W		1000, 2200	Operational
	MET	United States**	Southbury	AOR-E & AOR-W		0430, 1030, 1630, 2230	Operational
	SAR	United States	Southbury	AOR-E & AOR-W		As occasion demands	Operational
		Canada	Laurentides	AOR-E & AOR-W	Canadian SAR Area	As demands	Operational
V	NAV	Brazil*	Burum	AOR-E	AREA V	0030, 1230	Operational
	MET	Brazil**	Burum	AOR-E	AREA V	0730, 1930	Operational
	SAR	Brazil	Burum	AOR-E	AREA V	When necessary	Operational
VI	NAV	Argentina*	Eik (Norway)	AOR-W	AREA VI	0200, 1400	Operational
	MET	Argentina**	Eik (Norway)	AOR-W	AREA VI	0230, 1730	Operational
	SAR	Argentina	Eik (Norway)	AOR-W	AREA VI	As occasion demands	_
VII	NAV	South Africa*	Station 12	AOR-E & IOR		1940	Operational
		Mayotte (France)	Aussaguel	IOR	Coastal Navigational Warnings, Zones K/V and D	0330, 1530	Operational
VII (cont.)	NAV (cont.)	Kerguelen (France)	Aussaguel	IOR		0140, 1340	Operational
		La Reunion (France)	Aussaguel	IOR		0040, 1240	Operational
	MET	South Africa**	Burum	AOR-E & IOR		0940, 1940	Operational
	SAR	South Africa	Burum	AOR-E & IOR		As occasion demands	Operational
VIII	NAV	India*	Pune	IOR	NAVAREA VIII	1000, 2200	Operational
		La Réunion (France)	Aussaguel	IOR	Coastal Navigational Warnings, Zones V and D	0040, 1240	Operational
		Mayotte (France)	Aussaguel	IOR		0330, 1530	Operational
	MET	India**	Pune	IOR	North of equator in AREA VIII	0900, 1800	Operational

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
VIII (cont.)	MET (cont.)	Mauritius/La Réunion**	Aussaguel Aussaguel	IOR IOR/AOR-E	South of equator in AREA VIII	0130, 1330 0000, 0600, 1200, 1800	Operational
	SAR	India	Pune	IOR		As occasion demands	Operational
IX	NAV	Pakistan*	Perth	IOR	NAVAREA IX	0800	Operational
	MET	Pakistan**	Perth	IOR		0700	Operational
	SAR	Pakistan	Perth	IOR	Pakistan SAR Region	As occasion demands	Operational
X	NAV	Australia*	Perth 212 & 312	POR & IOR	All areas	0700, 1900 + on receipt	Operational
		New Caledonia (France)	Aussaguel	POR	Coastal Navigational Warnings, Zone N	0140, 1340	Operational
	MET	Australia**	Perth 212	POR	Western See figure 8-1	1030, 2330 (Coastal areas F & G: 0800, 2000)	Operational
					High Seas – North Eastern, South Eastern, Western & Northern Areas	1100, 2300 (For High Seas Areas see figure 8-1) – (For Coastal Waters Areas see figure 8-2)	Operational
					Coastal Area D(3)	0700, 1910	Operational
		Australia (cont.)			Coastal Areas G & H	0815, 2015	Operational
			Perth 312	IOR	High Seas - Western	1030, 2330	Operational
					Coastal Areas F & G	0830, 2030	Operational
	SAR EGC SAC 39 and NAV (SAC 42(1))	Australia	Perth 212 & 312	POR & IOR	Australian SRR as per ALRS Volume V	As occasion demands	Operational
	COASTAL WARNINGS(2)	Australia	Perth 212 & 312	POR & IOR	See figure 8-2 for B1 character	0700, 1900 + on receipt	Operational

(1) SAC 42: Navigational Hazards and Warnings provided to RCC Australia; SAC 39: Maritime Assistance arranged by RCC Australia.

(2) Australia is providing coastal warnings through the International SafetyNET Service (AUSCOAST) instead of International NAVTEX Services.

(3) 1 hour earlier during Australian Eastern Daylight Time.

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
XI	NAV	Japan*	Yamaguchi	POR & IOR	All area in AREA XI	0005, 0805, 1205	Operational
		Singapore	Sentosa	POR & IOR	NAVAREA XI	As and when required	Operational
		Thailand	Nonthaburi	IOR	III,VII,VIII,X,XI	On demand	Operational
	MET	Japan**	Singapore	POR	POR area in AREA XI	0230, 0830, 1430, 2030	Operational
		China**	Beijing	IOR	IOR area in AREA XI	0330, 1530	Operational
		Thailand	Nonthaburi	IOR	III,VII,VIII,X,XI	On demand	Operational
	SAR	Indonesia	Perth	POR & IOR		As occasion demands	Operational
		Japan	Yamaguchi	POR & IOR	North of 17°N, West of 165°E	As occasion demands	Operational
		Malaysia	Singapore	POR & IOR		As occasion demands	Operational
XI (cont.)	SAR (cont.)	Singapore	Sentosa	POR & IOR	NAVAREA XI	As and when required	Operational
		Thailand	Nonthaburi	IOR	III,VII,VIII,X,XI	On demand	Operational
	COASTAL WARNINGS	Thailand	Nonthaburi	IOR	III,VII,VIII,X,XI	On demand	Operational
	SAR	**Associate Member of IMO** Hong Kong, China	Perth	POR & IOR	XI	As occasion demands	Operational
XII	NAV	United States*	Santa Paula/Southbury	POR & AOR-W		1030, 2230	Operational
	MET	United States**	Santa Paula/Southbury	POR & AOR-W		0545, 1145, 1745, 2345	Operational
	SAR	United States	Santa Paula/Southbury	POR & AOR-W	U.S. SAR Region	As occasion demands	Operational
		Canada	Laurentides	POR & AOR-W	Canadian SAR Area	As occasion demands	Operational
XIII	NAV	Russian Federation*	Nudol	POR	AREA XIII	0930, 2130	Operational
		Japan	Perth	POR	South of 60°N in AREA XIII	0930, 2130	Operational
	MET	Russian Federation**	Nudol	POR	AREA XIII	0930, 2130	Operational
		Japan**	Yamaguchi	POR	South of 60°N in AREA XIII	0230, 0830, 1430, 2030	Operational[(4)]

(4) Same service to METAREA XI.

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
XIII (cont.)	SAR	Russian Federation	Nudol	POR	Russian Federation SAR Region	As occasion demands	Operational
XIV	NAV	New Zealand*	Burum	POR	NAVAREA XIV	0900, 2100	Operational
XIV (cont.)	NAV (cont.)	New Zealand	Burum	POR	Coastal Navigational Warnings, Zone Z	0900, 2100	Operational [February 2011]
		New Caledonia (France)	Aussaguel	POR	Coastal Navigational Warnings, Zone N	0140, 1340	Operational
		Wallis and Futuna (France)	Aussaguel	POR	Coastal Navigational Warnings, Zone D	0030, 1230	Operational
		French Polynesia (France)	Southbury	POR	Coastal Navigational Warnings, Zone R	0250, 1450	Operational
	MET	New Zealand**	Stratos Auckland	POR	(20°S 160°E) (20°S 120°W) (55°S 160°E) (55°S 120°W)	0930, 2130 0100, 1300 (NZ coast only) 0330, 1530 (warnings only)	Operational
	SAR	New Zealand	Stratos Auckland	POR	NZ SAR Region	As occasion demands	Operational
		Tonga	TBD	POR	Within NZ SAR Region	As occasion demands	Planned [N. I.]
XV	NAV	Chile*	EIK	AOR-W	AREA XV	0210, 1410	Operational
	MET	Chile**	EIK	AOR-W	AREA XV	0100, 0345, 1330, 1440, 1845	Operational
	SAR	Chile	EIK	AOR-W	Chilean SAR Region	As occasion demands	Operational
XVI	NAV	Peru*	Southbury	AOR-W	AREA XVI	0500,1700	Operational
	MET	United States**	Southbury	AOR-W	AREA XVI	0515, 1115, 1715, 2315	Operational
	SAR	Peru	Southbury	AOR-W	Area covered by 03° 23'S 18° 21'S 120 W and coast line	As occasion demands	Operational

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
XVII	NAV	Canada*	Eik (Norway) [Astrium]	POR	67 00N 168 58W 90 00N 168 58W 90 00N 120 00W South to the Canadian coastline along the 120 00W meridian	1130 and 2330	Operational
	MET	Canada	Perth (Australia) [Stratos]	POR		0300, 1500	Operational
	SAR	Canada	Eik (Norway)	POR, AOR(W)	Canadian SAR Area	As demands	Operational
XVIII	NAV	Canada	Eik (Norway) [Astrium]	AOR-W	A position on the Canadian coastline at the 120 00W meridian to: 90 00N 120 00W 90 00N 035 00W 67 00N 035 00W	1100 and 2300	Initial Operating Condition (1 July 2010) Full Operating Condition (June 2011)
	MET	Canada	Burum (The Netherlands) [Stratos]	AOR (W)		0300, 1500	Operational
	SAR	Canada	Eik (Norway)	AOR (W), AOR(E)	Canadian SAR Area	As demands	Operational
XX	NAV	Russian Federation	Nudol	IOR	A1, A2, A3	0530, 1730	Operational
					Coastal warnings West for the western part of Northern Sea Route: from west entries to the Novaya Zemlya Straits and Zhelaniya Cape up to 125 meridian East including water areas of Zevlya Franz Josef Archipelago and other islands, as well Enisey River areas up to the port of Igarka; Katanga River areas from the port of Khatanga and Ob River bay up to Kamennyy Cape	On occasion demands	

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area (1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
XX (cont.)	MET	Russian Federation	Nudol			0600, 1800	Operational
	SAR	Russian Federation	Nudol			On occasion demands	Operational
XXI	NAV	Russian Federation	Nudol	Artic Ocean	A1, A2, A3	0630, 1830	Operational
					Coastal warning East for the eastern part of the Northern Route: from 125 meridian East up to the Bering strait including all islands and areas of Kolyma River up to the port of Zelenyy Mys		
	MET	Russian Federation	Nudol	POR		0600, 1800	Operational
	SAR	Russian Federation	Nudol			On occasion demands	Operational

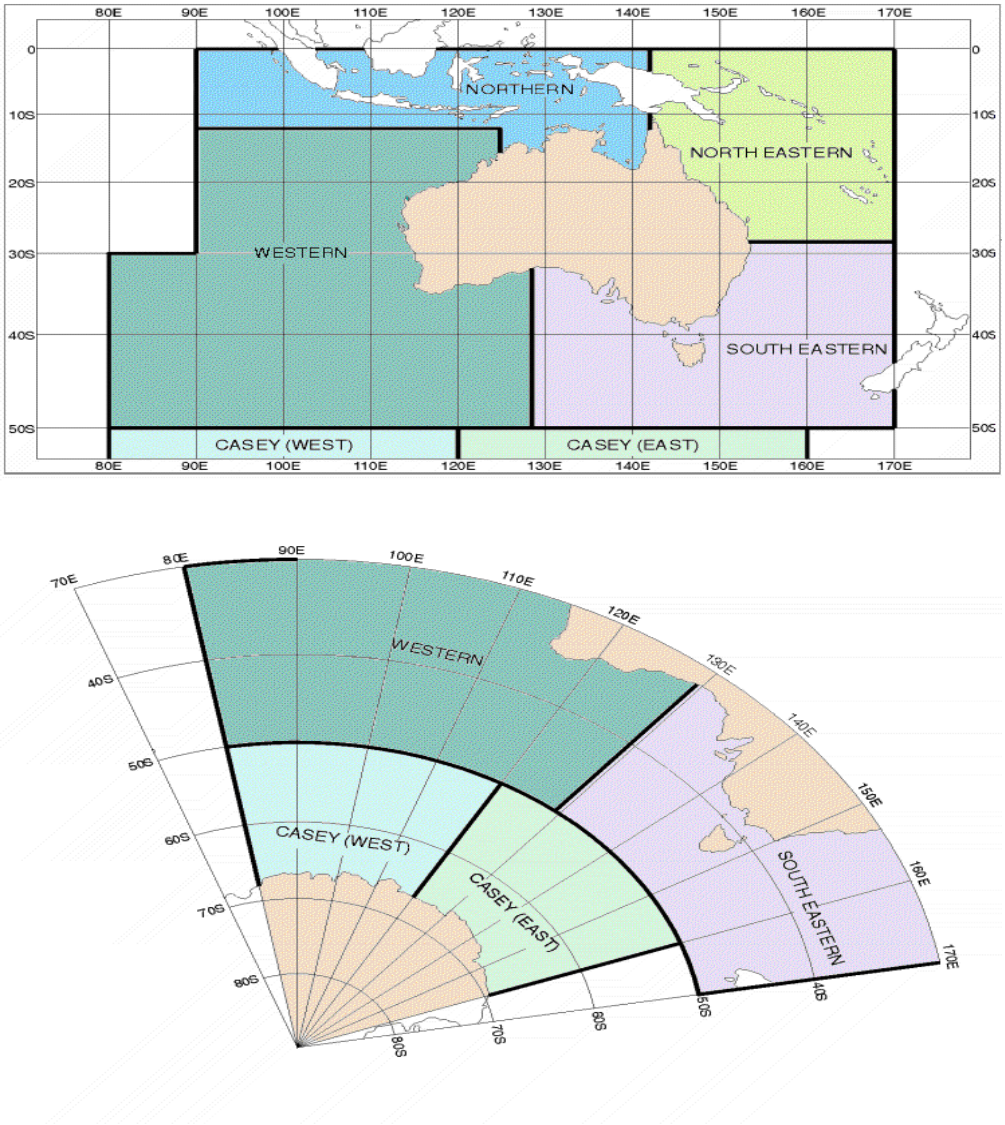


Figure 8-1 – Areas for weather forecasts in Australia

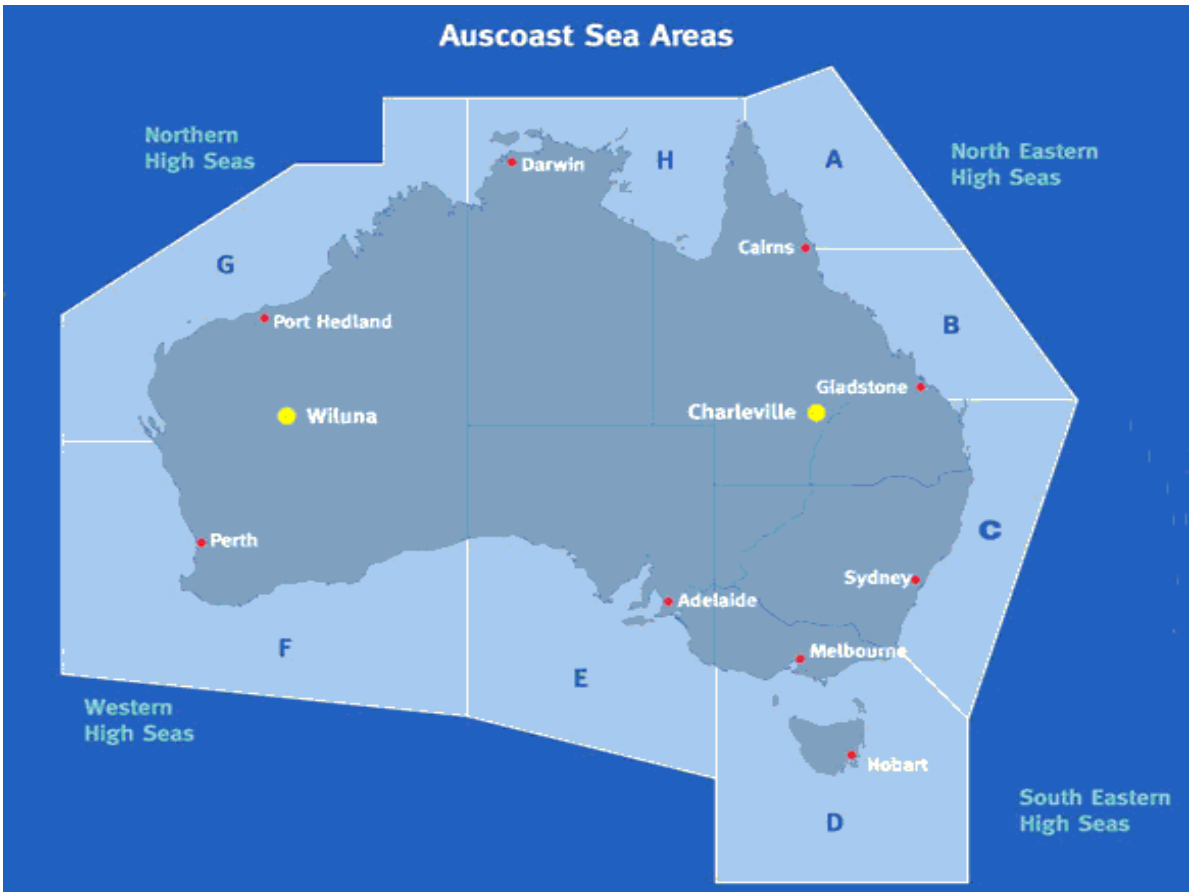
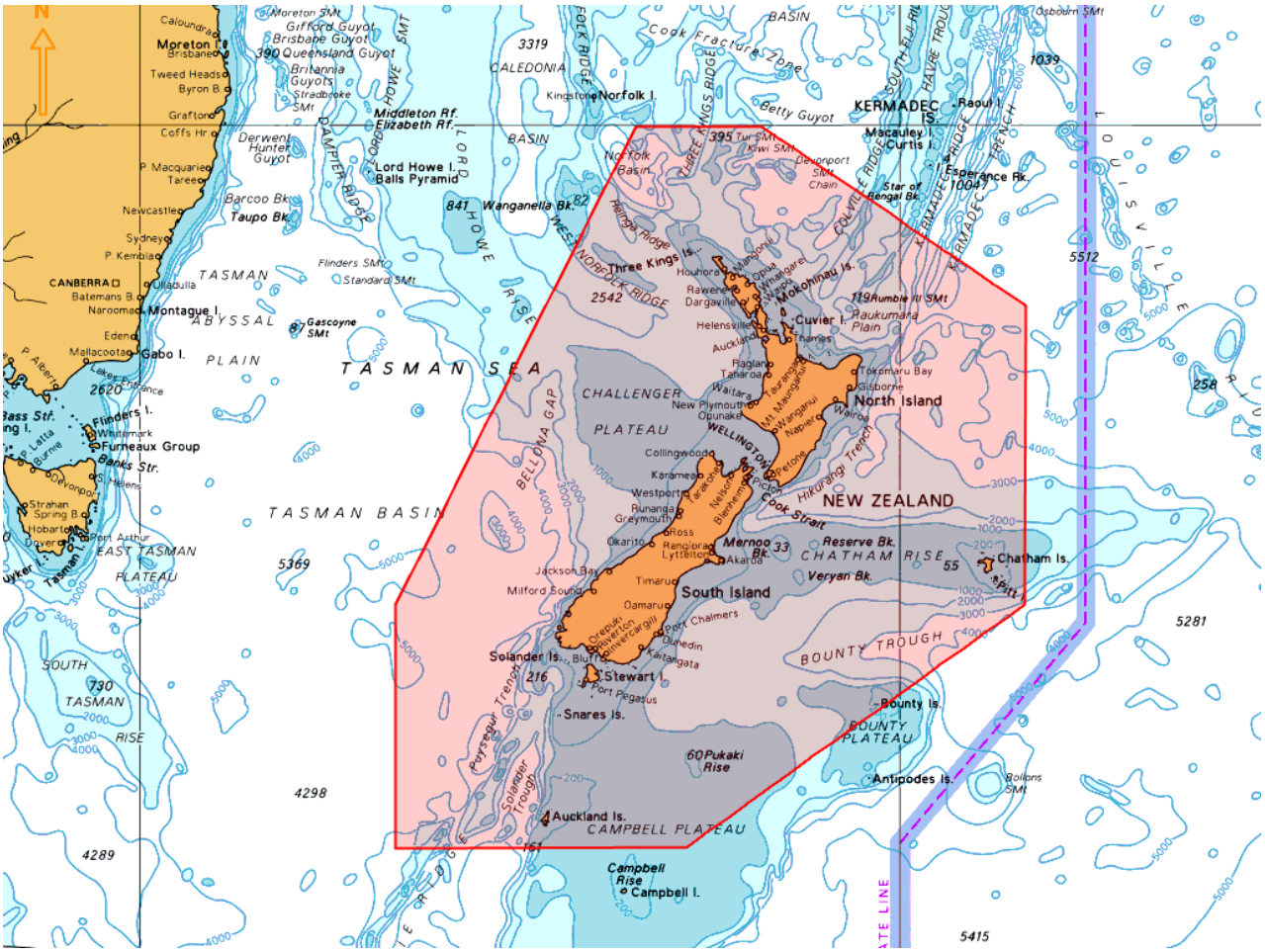


Figure 8-2 – Areas for coastal navigational warnings on SafetyNET in Australia



New Zealand SafetyNET Coastal Navigation Warning Area

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Appendices

TABLE OF INTERNATIONALLY COORDINATED BROADCAST SCHEDULES

These appendices provide the latest information on broadcast schedules which were available at the time of printing. For the most up to date information, reference should be made to documentation of the International Maritime Organization (IMO) and lists of Radio Signals published by national hydrographic offices.

Information on known broadcast schedules is tabulated as follows:

Appendix 1 – NAVAREA Warning Schedules

Appendix 2 – METAREA Schedules

Appendix 3 – Broadcast Schedules of each Satellite Region

Registered Information Providers should attempt to release messages for scheduled broadcast no earlier than the advertised time of the schedule and no later than 15 minutes after that time.

* * *

Appendix 1

NAVAREA WARNING SCHEDULES

NAVAREA	COORDINATOR	TIMES (UTC)	SATELLITE
I	United Kingdom	0530, 1730	AOR €
II	France	0430, 1630	AOR €
III	Spain	1200, 2400 + on receipt	AOR €
IV	United States	1000, 2200	AOR € & (W)
V	Brazil	0030, 1230	AOR €
VI	Argentina	0200, 1400	AOR (W)
VII	South Africa	1940	IOR & AOR €
VIII	India	1000, 2200	IOR
IX	Pakistan	0800	IOR
X	Australia	0700, 1900 + on receipt	POR & IOR
XI	Japan	0005, 0805, 1205	POR & IOR
XII	United States	1030, 2230	POR & AOR (W)
XIII	Russian Federation	0930, 2130	POR
XIV	New Zealand	0900, 2100	POR
XV	Chile	0210, 1410	AOR (W)
XVI	Peru	0519, 1119, 1719, 2319	AOR (W)
XVII	Canada	1130, 23330	POR
XVIII	Canada	1100, 2330	AOR (W)
XX	Russian Federation	0530,1730	IOR
XXI	Russian Federation	0630,1830	POR

* * *

Appendix 2

METAREA SCHEDULES

METAREA	ISSUING COUNTRY	TIMES (UTC)	SATELLITE
I	United Kingdom	0930, 2130	AOR (E)
II	France	0900, 2100	AOR (E) & (W)
III	Greece	1100, 2200	AOR (E)
IV	United States	0430, 1030, 1630, 2230	AOR (E) & (W)
V	Brazil	0730, 1930	AOR (E)
VI	Argentina	0230, 1730	AOR (W)
VII	South Africa	0940, 1940	AOR (E) & IOR
VIII	India	0900, 1800 (for North of equator)	IOR
	Mauritius/La Réunion	0130, 1330 (for South of equator)	
IX	Pakistan	0700	IOR
X	Australia	1030, 2330 (for coastal areas see Annex 8, page 3, MET Area X)	IOR
		1100, 2300 (for coastal areas see Annex 8, page 3, MET Area X)	POR
XI	China	0330, 1530	IOR
	Japan	0230, 0830, 1430, 2030	POR
XII	United States	0545, 1145, 1745, 2345	POR & AOR (W)
XIII	Russian Federation	0930, 2130	POR
	Japan*	0230, 0830, 1430, 2030 (for South of 60° N)	
XIV	New Zealand	0930, 2130 0100, 1300 (NZ Coast only) 0330, 1530 (Warnings only))	POR
XV	Chile	0100, 0345, 1330, 1440, 1845	AOR (W)
XVII	Canada	0300,1500	POR
XVIII	Canada	0300,1500	AOR (W)
XX	Russian Federation	0600,1800	IOR
XXI	Russian Federation	0600,1800	POR

* Same service to METAREA XI.

* * *

Appendix 3

BROADCAST SCHEDULES OF EACH SATELLITE REGION

Ocean region Broadcast schedules (UTC)	
AOR-E	**AOR-W**
0000 (MET VIII) 0030 (NAV V) 0430 (NAV II & MET IV) 0530 (NAV I) 0600 (MET VIII) 0730 (MET V) 0900 (MET II) 0930 (MET I) 0940 (MET VII) 1000 (MET III & NAV IV) 1030 (MET IV) 1200 (NAV III & MET VIII) 1230 (NAV V) 1630 (NAV II & MET IV) 1730 (NAV I) 1800 (MET VIII) 1930 (MET V) 1940 (NAV & MET VII) 2100 (MET II) 2130 (MET I) 2200 (MET III & NAV IV) 2230 (MET IV) 2400 (NAV III)	0100 (MET XV) 0200 (NAV VI) 0210 (NAV XV) 0230 (MET VI) 0300 (MET XVIII) 0345 (MET XV) 0430 (MET IV) 0515 (MET XVI) 0519 (NAV XVI) 0545 (MET XII) 0900 (MET II & NAV IV) 1000 (NAV IV) 1030 (MET IV & NAV XII) 1100 (NAV XVIII) 1115 (MET XVI) 1119 (NAV XVI) 1145 (MET XII) 1330 (MET XV) 1400 (NAV VI) 1410 (NAV XV) 1440 (MET XV) 1500 (MET XVIII) 1630 (MET IV) 1715 (MET XVI) 1719 (NAV XVI) 1730 (MET VI) 1745 (MET XII) 1845 (MET XV) 2100 (MET II & NAV IV) 2200 (NAV IV) 2230 (MET IV & NAV XII) 2300 (NAV XVIII) 2315 (MET XVI) 2319 (NAV XVI) 2345 (MET XII)

Ocean region Broadcast schedules (UTC) (cont.)			
IOR		**POR**	
0000	(MET VIII)	0005	(NAV XI)
0005	(NAV XI)	0030	(NAV XIV)
0040	(NAV VII & VIII)	0100	(MET XIV)
0130	(MET VIII)	0140	(NAV X & XIV)
0140	(NAV VII)	0230	(MET XI & XIII)
0330	(NAV VII & VIII & MET XI)	0250	(NAV XIV)
0600	(MET VIII)	0300	(MET XVII)
0700	(NAV X & MET IX)	0330	(MET XIV)
0800	(NAV IX)	0545	(MET XII)
0805	(NAV XI)	0700	(NAV X & MET X)
0830	(MET X)	0805	(NAV XI)
0900	(MET VIII)	0815	(MET X)
0940	(MET VII)	0830	(MET XI & XIII)
1000	(NAV VIII)	0900	(NAV XIV)
1015	(MET XI)	0930	(NAV XIII, MET XIII & XIV)
1030	(MET X)	1030	(NAV XII)
1200	(MET VIII)	1100	(MET X)
1205	(NAV XI)	1130	(NAV XVII)
1240	(NAV VII & VIII)	1145	(MET XII)
1330	(MET VIII)	1205	(NAV XI)
1340	(NAV VII)	1230	(NAV XIV)
1530	(NAV VII & VIII & MET XI)	1300	(MET XIV)
1800	(MET VIII)	1340	(NAV X & XIV)
1900	(NAV X)	1430	(MET XI & XIII)
1940	(NAV & MET VII)	1450	(NAV XIV)
2030	(MET X)	1500	(MET XVII)
2215	(MET XI)	1530	(MET XIV)
2330	(MET X)	1745	(MET XII)
		1900	(NAV X)
		1910	(MET X)
		2015	(MET X)
		2030	(MET XI & XIII)
		2100	(NAV XIV)
		2130	(NAV XIII, MET XIII & XIV)
		2230	(NAV XII)
		2300	(MET X)
		2330	(NAV XVII)
		2345	(MET XII)

- Shaded broadcasts are not operational (under trial).
- *Italic broadcasts* are interim services.

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ANNEX 9

HF NARROW-BAND DIRECT PRINTING (NBDP) MARITIME SAFETY INFORMATION (MSI) BROADCAST SERVICE

Country	NBDP Coast Station	Position	Frequency Band*	Schedule (UTC)	Status of implementation
Argentina	Comodoro Rivadavia PNA Radio	45°51'.00S 067°25'.00W	4 MHz	0530, 2300	Operational
			8 MHz	0530, 1300, 1830, 2300	
			12 MHz	0530, 1300, 1830, 2300	
			19 MHz	1300, 1830	
	Buenos Aires PNA Radio	34°27'.00S 058°35'.00W	4 MHz	0030, 0300, 1000, 1400, 1530, 1900, 2100	Operational
			8 MHz	0030, 0300, 1000, 1400, 1530, 1900, 2100	
			12 MHz	0030, 0300, 1000, 1400, 1530, 1900, 2100	
			16 MHz	0030, 1400, 1530, 1900, 2100	
Brazil	Brazilian Navy's Radio Station Rio de Janeiro PWZ-33	22°56'.00S 043°20'.00W	4 MHz (4,266,0 kHz)	On demand	Operational
			6 MHz (6,448.0 kHz)	0230 – RD (MET), 0400 – RD (NAV), 0600 – RD (MET), 1430 – RD (NAV), 1845 – RD (MET), 2130 – RD (NAV)	
			8 MHz (8,580.0 kHz)	0230 – RD (MET), 0400 – RD (NAV), 0600 – RD (MET), 1430 – RD (NAV), 1845 – RD (MET), 2130 – RD (NAV)	
			12 MHz (12,709.9 kHz)	0230 – RD (MET), 0400 – RD (NAV), 0600 – RD (MET), 1430 – RD (NAV), 1845 – RD (MET), 2130 – RD (NAV)	
			16 MHz (16,974.0 kHz)	0230 – RD (MET), 0400 – RD (NAV), 0600 – RD (MET), 1430 – RD (NAV), 1845 – RD (MET), 2130 – RD (NAV) RD - PACTOR FEC 200 bauds / mark 1900 Hz / space 2100 Hz / with pass all in position "on"	

Country	NBDP Coast Station	Position	Frequency Band*	Schedule (UTC)	Status of implementation
Canada	Iqaluit (Main)	63°43'.7N 068°33'.00W	8 MHz	0330,1530	Operational : open during navigational season (NAV/METAREAs XVII and XVIII) Radio coverage may not extend beyond 141° W dependent upon propagation conditions
Egypt	Serapeum Ismailia	30°28'.00N 032°22'.00E	4 MHz	1. Frequency 4210 kHz (Time: 06:30 UTC)	Operational
			6 MHz	2. Frequency 6314 kHz (Time: 10:30 UTC)	
			8 MHz	3. Frequency 8416.5 kHz (Time: 14:30 UTC)	
Greece	TBD				Planned [N.I.]
Indonesia	TBD				Planned [N.I.]
Iran (Islamic Republic of)	Abbas	27°12'.00N 057°17'.00E	4 MHz	1430, 1830	Operational
			8 MHz	0530, 1230	
			12 MHz	0830, 1030	
Italy	TBD				Planned [N.I.]
Peru	Paita	05°05'.00S 081°07'.00W	8 MHz	0200	Planned N.I.
	Callao	12°03'.00S 077°07'.00W	8 MHz	1600	
	Mollendo	17°01'.00S 072°01'.00W	8 MHz	2100	
Turkey	Istanbul	41°04'.00N 028°57'.00E	4 MHz	1.Frequency 4560 kHz (Time 08 00-20 00 UTC)	Operational
			8 MHz	2.Frequency 8431 kHz (Time 08 00-20 00 UTC)	
			12 MHz	3.Frequency 12654 kHz (Time 08 00-20 00 UTC)	

Country	NBDP Coast Station	Position	Frequency Band*	Schedule (UTC)	Status of implementation
United States	Boston	41°39'.00N 070°33'.00W	6 MHz	0030, 0140	Operational
			8 MHz	0030, 0140, 1218, 1630	
			12 MHz	0030, 0140, 1218, 1630	
			16 MHz	1218, 1630	
	Guam	13°29'.00N 144°50'.00E	12 MHz	0230, 0500, 0900, 1500, 1900, 2315	Operational
			16 MHz	0230, 0500, 0900, 1500, 1900, 2315	
			22 MHz	0230, 0500, 0900, 1500, 1900, 2315	
	Honolulu	21°26'.00N 158°09'.00W	8 MHz	0130, 0730, 1330, 2030	Operational
			12 MHz	0130, 0730, 1330, 2030	
			22 MHz	0130, 2030	
	San Francisco	37°56'.00N 122°44'.00W	8 MHz	0005, 1800	Operational
			16 MHz	0005, 1800	

* The following frequencies are allocated for NBDP MSI broadcast by the Radio Regulations (Article N 38):

4 MHz = 4210 kHz	6 MHz = 6314 kHz	8 MHz = 8416.5 kHz	12 MHz = 12579 kHz
16 MHz = 16806.5 kHz	19 MHz = 19680.5 kHz	22 MHz = 22376 kHz	26 MHz = 26100.5 kHz

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ANNEX 10

LIST OF COSPAS-SARSAT MISSION CONTROL CENTRES (MCCs) AND LOCAL USER TERMINALS (LUTs)

Ground Segment Operator	MCC			LUT			RCC Associated
	Location	Designator	Status of implementation	Location	Type (LEO, GEO, MEO)	Status of implementation	
Algeria	Algiers	ALMCC	Operational	Ouargla		Operational	RCC Alger
				Algiers		Operational	
Argentina	El Palomar	ARMCC	Operational	Parana		Operational	MRCC Puerto Belgrano
				Rio Grande	LEO/GEO	Operational	
Australia	Canberra	AUMCC	Operational	Albany		Operational	RCC Australia
				Bundaberg		Operational	
Azerbaijan	Baku (Caspian Sea)	AZMCC	Planned	Baku (Caspian Sea)		Planned	Azerbaijan LRIT NC
Brazil	Brasília	BRMCC	Operational	Brasília	LEO/GEO/MEO	Operational	Salvamar / Salvaero Brazil
				Recife	LEO/GEO	Operational	
				Manaus		Operational	
Canada	44°07'.00N 077°32'.00W	CMCC Trenton	Operational	Churchill		Operational	
				Edmonton		Operational	
				Goose Bay		Operational	
Chile	Santiago	CHMCC	Operational	Santiago		Operational	MRCC Chile
				Punta Arenas		Operational	
				Isla de Pascua		Operational	
China	Beijing	CNMCC	Operational	Beijing (Dual LEOLUT system)		Operational	
Cyprus	Makarios Satellite Station	CYMCC	Planned	Makarios Satellite Station		Planned	RCC Larnaca
France	Toulouse	FMCC	Operational	Toulouse (Dual LEOLUT system)		Operational	MRCC Gris Nez
Greece	Athens	GRMCC	Operational	Pentelli	LEO/GEO	Operational	Piraeus JRCC

Ground Segment Operator	MCC			LUT			RCC Associated
	Location	Designator	Status of implementation	Location	Type (LEO, GEO, MEO)	Status of implementation	
India	Bangalore	INMCC	Operational	Bangalore		Operational	Dehli, Mumbai, Chennai, Kolkata
				Lucknow		Operational	
Indonesia	Jakarta	IDMCC	Operational	Makassar		Operational	RCC I: Soekarto-Hatta Airport, Jakarta RCC II: Djuanda Airport, Surabaya RCC III: Hasanudin Airport, Ujung Pandang RCC IV: Frans Karseifo Airport, Biak
				Jakarta		Operational	
Italy	Bari	ITMCC	Operational	Bari		Operational	Roma
Japan	Tokyo	JAMCC	Operational	Gunma		Operational	Otaru MRCC Shiogama MRCC Yokohama MRCC Nagoya MRCC Kobe MRCC Hiroshima MRCC Kitakyushu MRCC Maizuru MRCC Niigata MRCC Kagoshima MRCC Naha MRCC
New Zealand	Canberra (Australia)	AUMCC	Operational	Wellington		Operational	RCC New Zealand
Nigeria	Abuja	NIMCC	Operational	Abuja		Operational	
Norway	Bodoe	NMCC	Operational	Tromsoe Spitzbergen		Operational Operational	RCC Bodoe RCC Stavanger
Pakistan	Lahore	PAMCC	Not Operational	Lahore		Not Operational	CAA Lahore MSA Karachi

Ground Segment Operator	MCC			LUT			RCC Associated
	Location	Designator	Status of implementation	Location	Type (LEO, GEO, MEO)	Status of implementation	
Peru	Callao	PEMCC	Operational	Callao		Operational	Callao
Philippines	Manila		Planned			Planned	Manila
Republic of Korea	Incheon	KOMCC	Operational	Incheon		Operational	Korea Coast Guard HQs
Russian Federation	Moscow	CMC	Operational	Moscow		Not operational (under modernization)	MRCC Vladivostok
				Nakhodka		Operational	
Saudi Arabia	Jeddah	SAMCC	Operational	Jeddah (Dual LEOLUT system)		Operational	N.I.
Singapore	Singapore	SIMCC	Operational	Singapore		Operational	Singapore Port Operations Control Centre
South Africa	Cape Town	ASMCC	Operational	Cape Town		Operational	MRCC Cape Town
Spain	Maspalomas	SPMCC	Operational	Maspalomas		Operational	RCC Madrid RCC Baleares RCC Canarias (Part of RCC Cape Town)
Thailand	Bangkok	THMCC	Operational	Bangkok (Dual LEOLUT system)		Operational	RCC Bangkok
Turkey	Ankara	TRMCC	Operational	Ankara (Dual LEOLUT system)	(LEO/GEO)	Operational	MSRCC Ankara
United Kingdom	Kinloss	UKMCC	Operational	Combe Martin	(LEO/GEO)	Operational	MRCC Falmouth ARCC Kinloss

Ground Segment Operator	MCC			LUT			RCC Associated
	Location	Designator	Status of implementation	Location	Type (LEO, GEO, MEO)	Status of implementation	
United States	Suitland	USMCC	Operational	Alaska (Dual LEOLUT system)		Operational	Boston, Miami, New Orleans, Cleveland, Alameda Seattle, Honolulu, Juneau, Fort Richardson, Langley AFB: Alameda,
				California (Dual LEOLUT system)		Operational	
				Hawaii (Dual LEOLUT system)		Operational	
				Guam (Dual LEOLUT system)		Operational	
				Florida	(Dual LEOLUT system)	Operational	
Viet Nam	Haiphong	VNMCC	Operational	Haiphong		Operational	Viet Nam Maritime Search and Rescue Coordinating Centre (VMRCC)
Associate Member of IMO Hong Kong, China	Hong Kong, China	HKMCC	Operational	Hong Kong,	(Dual LEOLUT system)	Operational	MRCC Hong Kong

Note: LEOSAR Low Earth Orbit SAR satellite system.

LEO/GEO LEOLUTs ability to produce a Doppler location can be improved by combining LEOSAR data with GEOSAR data. The combined LEO/GEO processing allows the Cospas-Sarsat System to produce Doppler locations in some cases where the data from one LEOLUT is insufficient to produce a location and can also lead to an improvement in Doppler location accuracy.

LIST OF Cospas-Sarsat GEOLUTs (LOCAL USER TERMINALS IN GEOSAR SYSTEM)

Ground Segment Operator	Location	Status of implementation	Comments
Algeria	Algiers	Operational	
Argentina	El Palomar	Operational	
Brazil	Brasilia Recife	Operational Operational	
Canada	Edmonton Ottawa	Operational Operational	
Chile	Santiago	Operational	
France	Toulouse	Operational	
Greece	Pentelli	Operational	
India	Bangalore	Functional (a)	
Italy	Bari	Operational	
New Zealand	Wellington	Operational (Dual GEOLUTs)	
Norway	Fauske	Operational	
Spain	Maspalomas	Operational (Dual GEOLUTs)	
Turkey	Ankara	Operational	
United Kingdom	Combe Martin	Operational	
USA	Maryland	Operational (Dual GEOLUTs)	

Notes: GEOSAR Geostationary SAR Satellite System.

(a) Functional GEOLUTs have not been commissioned; however, alert data are used operationally.

***

O = Used
X = Not used

ANNEX 11

SATELLITE EPIRB REGISTRATION INFORMATION DATA

EPIRB CODING METHODS

For reference on 406 MHz EPIRB coding methods, use document C/S G.005 "Cospas-Sarsat Guidelines on 406 MHz Beacon Coding, Registration and Type Approval" available on the Cospas-Sarsat website (www.cospas-sarsat.org).

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		Serial user	Radio call sign	User location			Standard location		National location			
	MMSI	Call sign	Serial No	Call sign	MMSI	EPIRB with serial number	Radio call sign	MMSI	Serial number	Serial number assigned by competent administration			
Algeria [605]	O		X	X							Commandement des Forces de la Défense Aérienne du Territoire - CFDAT	**Phone:** +(213) 21-49-51-02 **Fax:** +(213) 21-49-51-02	Daily
Argentina [701]	O		O	O							National Maritime, Fluvial and Lacustre SAR Agency **Address:** Base Naval Puerto Belgrano (CP 8111) Buenos Aires Republica Argentina	**Phone:** +54-2932-48-7162 +54-2932-48-7150 +54-2932-48-7640 +54-11-4317-2038 **Fax:** +54-2932-48-7163 **Telex:** 470100125 Inmarsat "C" **E-mail:** coopacsm@ara.mil.ar	Daily
Australia [503]	O		O	O							Australian 406 MHz / MMSI Database Manager Australian Maritime Safety Authority **Address:** Level 2, 82 Northbourne Avenue Braddon, ACT 2612 G.P.O. Box 2181 Canberra, ACT 2601 Australia	**Business Hours-Enquiries & Registrations** **Phone:** +61-2-6279-5766 (international) **Local:** 1800-406-406 **Fax:** +61-2-9332-6323 (international) **Fax:** 1800-406-329 (local) **On-line registration**: https://www.beacons.amsa.gov.au **After Office hours – Emergency Only** **Phone:** +61-2-6230-6811 (international)	In real time when received during business hours

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
												Local: 1800-641-792 **Fax:** +61-2-6230-6868 (24 hours) **Mail:**ausbeacon@amsa.gov.au	
Azerbaijan [...]	O		X	X							**Address:**	**Phone:** +994124931136 **Fax:** +994124935339 **Telex:** 784142102 MRF AI **E-mail:** radio@caspar.az	Upon the receiving appropriate information
Bahamas (The) [308] [309] [311]	O		X	X							Bahamas Maritime Authority, 120 Old Broad Street, London EC2N 1AR, United Kingdom	**Phone:** +44-1326-317575 **Fax:** +44-1326-318342 **Telex:** 45560 (FALMCG G)	Continuous
Belgium [205]	O		X	X							Oostende Radio Commcenter **Address:** Graaf Jansdijk 1 B-8380 Zeebrugge Belgium	**Phone:** +32-50 558241 **Fax:** +32-50 558748 **E-mail:** rmd@mil.be	Weekly
Bermuda (United Kingdom) [310]	O		X	X							Department of Telecommunications **Address:** Golinsky Building, 60 Reid Street, Hamilton HMIR P.O. Box HM101 Hamilton HMAX Bermuda	**Phone:** +1-441-292-4595 **Fax:** +1-441-295-1462	As required
Brazil [710]	O		O	O							BRMCC – CINDACTA UNO - SHIS **Address:** QI 05 Área Especial 12 Lago Sul – Brasília - DF CEP 71615600 Brazil	**Phone:** +55-61-33652964 & 33648395 **Fax:** +55-61-3652964 **AFTN:** SBBRZSZX **E-mail:**brmcc@cindactal.aer.mil.br	Continuously. Revision is done biannually

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Bulgaria [207]	X		O	O							Bulgarian Maritime Administration, EA **Address:** 9, Dyakon Ignatiy str. 1000 Sofia Bulgaria	**Phone:** +359-2-9300927 **Fax:** +359-2-9300920	Every month
Canada [316]	X		O	X							**Address:** Canadian Beacon Registry CFB Trenton P.O. Box 1000 Stn Forces Astra, ON K0K 3W0 Canada	**Phone:** +1-877-406 7671 **Fax:** +1-877-406 3298 **E-mail:** cbr@sarnet.dnd.ca	Daily with 365 day annual review
Chile [725]	O		X	X							Dirección de Seguridad y Operaciones Marítimas – (DIRSOMAR) **Address:** Subida Cementerio No. 300 Playa Ancha Valparaíso Chile	**Phone:** +56-32-2208637 +56-32-2208638 +56-32-2208639 **Fax:** +56-32-2208662 **E-mail:**mrccchile@directemar.cl	Continously
China [412]	O		N. I.	N. I.							China Maritime Search and Rescue Centre **Address:** 11 Jianguomennei Ave. Beijing 100736 China	**Phone:** +86-10-65292221 +86-10-65292218 **Fax:** +86-10-65292245 **Telex:** 222258 CMSAR CN	As required
Colombia [730]	N. I.		N. I.	N. I.							Departamento Administrativo de Aeronáutica Civil **Address:** Bogotá Colombia	**Phone:** +57-1-4139598 +57-1-4139638 **Fax:** +57-1-4138091 **Telex:** 35-44844/44620	N.I.
Costa Rica [321]	N. I.		N. I.	N. I.							Central America Search and Rescue Point of Contac	**Fax:** +55-21-2200515 **Telex:** 3912137113	N. I.

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Croatia [238]	O		X	X							MRCC Rijeka **Address:** Senjsko Pristaniste 3 51000 Rijeka Croatia	**Phone:** +385-9155 +385-51-312 253 +385-51-312 255 **Fax:** +385-51-312 254 **Telex:** 599 24 634 **E-mail:** mrcc@pomorstvo.hr	Every 10 days
Cyprus [209] [210] [212]	O		X	X							Department of Merchant Shipping P. O. Box 56193, CY 3305 Limassol Cyprus ---------- RCC LARNACA Larnaca International Airport CY 7130 Larnaca Cyprus	(From 05.30 to 17.30 Monday to Friday) **Phone:** +357-25848100 **Fax:** +357-25848200 **AFTN:** LCLKYXYC (For 24 hours contact) **Phone:** +357-24304723 / +357-24304737 +357-24304752 / +357-25643005 **Fax:** +357-24643254 **Inmarsat-B:** 321099992 **Inmarsat-C:** 421099999	Continously
Denmark [219] [220]	O		X	X							JRCC Denmark **Address:** Admiral Danish Fleet P.O. Box 1483 DK-8220 Brabrand Denmark	**Phone:** +45-89-43 32 02 **Fax:** +45-89-43 32 30 **E-mail:** jrcc@sok.dk	Continuous
Ecuador [735]	N. I.		N. I.	N. I.							Dirección General de la Marina Mercante y del Litoral	**Phone:** +593-4-2321602 **Fax:** +593-4-2324714 **Telex:** 3325/2512 (ESTHCG ED)	N. I.
Egypt [622]	O		O	X							National Telecom Regulatory Authority **Address:** B-4I28, Cairo-Alex Desert Rd. Giza, Egypt	**Phone:** +20235344210 **Fax:** +20235344155 **E-mail:** nahedh@tra.gov.eg	During business time, continuous

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
El Salvador [359]	N. I.		N. I.	N. I.							Central America Search and Rescue Point of Contact	**Fax:** +55-21-2200515 **Telex:** 3912137113	N. I.
Estonia [276]	O		X	X							JRCC Tallinn **Address:** Süsta 15 11712 Tallinn Estonia	**Phone:** +372-619-1224 +372-692-2500 **Fax:** +372-692-2501 **E-mail:** JRCC@politsei.ee	Continuous
Fiji [520]	O		O	O							N. I.		N. I.
Finland [230]	O		X	X							Finnish Communications Regulatory Authority **Address:** PO Box 313 FIN-00181 Helsinki Finland	**Phone:** +358-9-69-661 **Fax:** +358-9-69-66410 **E-mail:**radiotaajuudet@ficora.fi	Daily
France [226] [347] [227] [361] [228] [660] [329] [745]	O		X	X							National agency of frequencies **Address:** Département Licences et Certificats 4 rue Alphonse Matter BP 8314 88108 Saint-Dié-Des-Vosges Cedex France	**Phone:** +33-3-29-42 20 00 / +33-3-29 42 20 68 **Fax:** +33-3-21-877855 **Telex:** 130680 **Inmarsat-C:** 422799256 **E-mail:** licence@anfr.fr **AFTN:** LFINZPZX	Daily
Georgia [213]	O		O	O							Georgian Maritime Administration **Address:** 4, Shavsheti Street Batumi 384517 Georgia	**Phone:** +995 222 73909 +995 222 74925 **Fax:** +995 222 73929 **E-mail:** magheadof@fsc.gov.ge	When new numbers are issued

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Germany [211] [218]	O		X	X							MRCC Bremen	**Phone:** +49-42153 6870 **Fax:** +49-42153 68714 **Telex:** 244754 or 246466 (mrccd) **AFTN:** EDDWYYYX **Attn.:** MRCC Bremen	Daily
Gibraltar (United Kingdom)											**Address:** Gibraltar Regulatory Authority (GRA) Suite 631 Europort Gibraltar	**Phone:** +350-74636 **Fax:** +350-72166 **E-mail:** info@gra.gi	
Greece [237] [239][240] [241]	O		X	X							JRCC Piraeus **Address:** Akti Vassiliadi GR-185 10 Piraeus Greece Gate E1 – E2	**Phone:** +30210-4112500 +30210-4220772 (emergency) +30210-4191126 +30210-4191325 +30210-4191704 **Fax:** +30210-4115798 / +30210-4191561 +30210-4117801 / +30210-4224417 +30210-4132398 / +30210-4220466 **Telex:** +601-211588 RCC GR +601-211254 RCC GR +601-212239 YEN GR +601-212273 YEN GR +601-213594 YEN GR **AFTN:** LGGGYCYX **Inmarsat-C:** (AOR-E/IOR) **E-mail:** jrccpgr@hcg.gr	Weekly

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Greenland (Denmark) [331]	O		O	X							JRCC Denmark **Address:** Admiral Danish Fleet P.O. Box 1483 DK-8220 Brabrand Denmark	**Phone:** +45-89-43 32 02 **Fax:** +45-89-43 32 30 **E-mail:** jrcc@sok.dk	Continuous
Iceland [251]	O		X	X							Post and Telecom Administration Suourlandsbraut 4 2.h. 108 Reykjavik Iceland	**Phone:** +354-5101500 **Fax:** +354-5101509 **E-mail:** pfs@pfs.is Open weekdays between 08:00 – 16:00 UTC	N. I.
India [419]	N. I.		N. I.	N. I.							Satellite Communications Programmes, Department of Space **Address:** ISRO Headquarters, Antariksh Bhaven New B.E.L. Road Bangalore – 560 094 India	**Phone:** +91-80-334273 +91-80-334474 **Fax:** +91-80-334229 **Telex:** 81-8452499	N. I.
Indonesia [525]	N. I.		N. I.	N. I.							Department of Transportation National SAR Agency (BASARNAS) **Address:** Jl Merdeka Timur No. 5 Jakarta Indonesia	**Phone:** +62-21-34832881 **Fax:** +62-21-34832884 **Telex:** +62-21-44025 **E-mail:**basarnas@basarnas.go.id http://basarnas.go.id	N. I.
Iran (Islamic Republic of) [422]	O										**Address:**	**Phone:** **Fax:** **Telex:** **E-mail:**	
Ireland [250]	N. I.		N. I.	N. I.							MRCC Dublin	**Phone:** +353-1-6620922 **Fax:** +353-1-6620795 **Telex:** 500 93039 (IMES EI) **AFTN:** EIDWIMES	N. I.

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Israel	O		O								**Address:** **Ministry of Communication Haim Sacharovitz +97235198145,NA,NA, +97235107587** www.406registration.com	**Phone:** +97248632145 **Fax:** **E-mail:** rcc@mot.gov.il	It is self updated by owners
Italy [247]	O		O	O							ITMCC **Address:** Via D'Annunzio, 7 Bari Palese Italy	**Phone:** +39-80-5316250 **Fax:** +39-80-5316254 **Telex:** 811375 **AFTN:** CIBD252X **E-mail:** itmcc@pangeanet.it	Weekly
Jamaica [339]	O		N. I.	N. I.							Port and Telecommunications Departments **Address:** South Camp Road Kingston Jamaica	**Phone:** +876-922-9430 **Fax:** +876-922-9449 **Telex:** 2133 Potelskn Ja **E-mail:** jampost@wtjam.net	Upon receipt of new activation
Japan [431]	O		X	X							Japan Mission Control Centre (JAMCC) Japan Coast Guard **Address:** 2-1-3 Kasumigaseki, Chiyoda-ku Tokyo 100-8918 Japan	**Phone:** +81-3-3591-6106 **Fax:** +81-3-3591-6107 **Telex:** 2225193 (JMSAHQJ) **AFTN:** RJTTYKYX	Regularly
Latvia [275]	O		X	X							MRCC Riga **Address:** Meldru 5a Riga LV-1015 Latvia	**Phone:** +371-67323103 / +371-67082070 **Fax:** +371-67320100 / +371-29270690 **E-mail:** sar@mrcc.lv	Continuously

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Liberia [636]	O		X	O							Liberian International Ship & Corporate Registry, LLC **Address:** 8619 Westwood Center Drive, Vienna Virginia 22182 United States	**Phone:** +1-703-790-3434 (working hours) +1-703-508-3019 (after hours) **Fax:** +1-703-790-5655 **Telex:** UK 940498535	Continuously
Lithuania [277]	O		O	O							Naval Forces of the Lithuanian Armed Forces Maritime Rescue Coordination Centre (MRCC) **Address:** Naujoji uosto str. 24 LT-92244 Klaipėda Lithuania	**Phone:** +370-46-391257 +370-46-391258 **Fax:** +370-46-391259 **E-mail:** mrcc@mil.lt	Regularly
Madagascar [647]	N. I.		N. I.	N. I.							RCC Antananarivo Centre de Coordination Recherches et Sauvetage P.O. Box 46 Antananarivo, Ivato 105 Madagascar	**Phone:** +221-2022-44410 **Telex:** 22286 ASEMAD MG **E-mail:**	N.I.
Malaysia [533]	O		O	O							MRCC Port Klang Marine Department Malaysia Safety of Navigation Division **Address:** P.O. Box 12 42007 Port Klang Malaysia	**Phone:** +60-3-3670530 +60-3-3686616 **Fax:** +60-3-3671334 +60-3-3685020 **E-mail:** kpgr@marine.gov.my	On receipt of registration form
Malta [215] [248] [249] [256]	O		X	X							Wireless Telegraphy Department **Address:** Evans Building Merchant Street Valletta CMR 02 Malta	**Phone:** +356-25993624 +356-247224-8 **Fax:** +356-232728 +356-233695 **Telex:** 0 406-1471 (MODMLT MW)	Continuously

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Marshall Islands [538]	X		X	O							International Registries Inc. **Address:** 11495 Commerce Park Drive, Reston Virginia 20191 United States	**Phone:** +1-703-620-4880 (working hours) +1-703-620-4766 (after hours) **Fax:** +1-703-476-8522 **E-Mail:**cgeiger@register-iri.com	Continously
Mauritius [645]	O		X	X									
Mexico [345]	O		X	X							Telecomm **Address:** Eje Central Lázaro Cárdenas 567 Torre Central de Telecomunicaciones Piso 6 ala Sur Col. Narvarte C.P. 03020 Deleg. Benito Juarez Mexico, D.F.	**Phone:** +525 5629 1236 (24 hours) **Fax:** +525 5613 2214 **E-mail:**cegg@telecomm.net.mx informat@telecomm.net.mx inge@telecomm.net.mx www.telecomm.net.m/satelitales/lista_embarcaciones	Monthly
Netherlands [244] [245] [246]	O		X	X							Ministry of Economic Affairs Telecom Agency The Netherlands **Address:** Emmasingel 1 9726 AH Groningen P.O.Box 450 9700 AL Groningen The Netherlands	**Phone:** +31-50-587 75 55 **Fax:** +31-50-587 74 00 **Telex:** 77154 **E-mail:** agentschaptelecom@at-ez.nl **Web:** www.agentschaptelecom.nl/english	Daily
New Zealand [512]	N. I.		N. I.	N. I.							Rescue Coordination Centre New Zealand **Address:** Avalon Business Centre Percy Cameron Street P.O. Box 30050 Lower Hutt New Zealand	**Phone:** +644-5778034 **Fax:** +644-5778041 **E-mail:** 406registry@maritimenz.govt.nz	N. I.

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Nicaragua [350]	N. I.		N. I.	N. I.							Central America Search and Rescue Point of Contact	**Phone:** +55-21-2200515 **Telex:** 3912137113	N. I.
Norway [257] [258]	O		X	X							Telenor Maritim Radio Lisensavdelingen **Address:** N-1331 Fornebu Oslo Norway	**Phone:** +47-22-77 43 50 **Fax:** +47-22-42 70 72 **E-mail:** lisensavdeling@telenor.com	Daily
Pakistan [463]	N. I.		N. I.	N. I.							Satellite Communication Division – SPARC **Address:** P.O. Box 8402 Karachi 75270 Pakistan	**Phone:** +92-21-471001-5 +92-21-7730312 **Fax:** +92-21-466902 **Telex:** 82-25720 (SPACE PK)	N. I.
Peru [760]	X		O	X							Centro de Control de Misiones del Perú **Address:** Avenida Contralmirante J. Mora Base Naval del Callao Callao 1 Perú	**Phone:** +51-1-4202020 **Telefax:** +51-1-4200766 **Telex:** +36-26042 COMOPERGUARD **E-mail:** pemcc@marina.mil.pe	Regularly with yearly review
Philippines [548]	N. I.		N. I.	N. I.							Manila RCC **Address:** Pasay City, Metro Manila Philippines	**Phone:** +63-2-8323013 **Fax:** +63-2-8331577	N. I.
Poland	O		X	X							ARCC Warsaw 11 Kajakowa Street 02-800 Warsaw Poland	**Phone:** **+48 22 68 28 911** **+48 22 68 28 912** **Fax:** **+48 22 68 28 797** **E-mail:** **arcc_poland@o2.pl** **AFTN:** **EPWWYCYM**	Daily

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Portugal [204] [255] [263]	O		X	X							Instituto Portuario e dos Transportes Maritimos **Address:** Edificio Vasco da Gama Rua General Gomes Araújo Cais Alcantara Mar 1399-005 Lisboa Portugal ---------- MRCC Lisboa - [For 24 hours contact] **Address:** Reduto Gomes Freire, Estradà da Medrosa 2780-070 Oeiras Portugal	**Phone:** +351-21-391 4500 **Fax:** +351-21-391 4763 **E-mail:** dsm.dns@imarpor.pt **Cell Phone:** +351-917 133 399 **Phone:** +351-21-440 1919 **Fax:** +351-21-440 1954 **Telex:** 404-21-60747	Daily
Republic of Korea [440] [441]			X	X							Korea Coast Guard **Address:** 3-8 Songdo-dong Yeonsu-gu, Incheon Republic of Korea (406-741)	**Phone:** +82-32-835-2594 **Fax:** +82-32-858-9595 **Telex:** +801 24920 **E-mail:** komcc2@kornet.net	Once a day
Romania [264]	O		X	X							Constanta Harbour's Master **Address:** Incinta Port 900900 Constanta Romania	**Phone:** +40-241-615949 +40-740-183-32 / +40-723-634122 **Fax:** +40-241-606065 +40-372-416810 **E-mail:** mrcc@rna.ro	Every 3 months
Russian Federation [273]	O		O	X							Morsviazsputnik **Address:** 2, bldg. 2, Krasnobogatyrskaya str. Moscow 107564 P. O. Box 28 Russia	**Phone:** +7-495-967 18 60 +7-495-967 18 50 (ext. 541) **Fax:** +7-495-967 18 34 +7-495-967 18 52 **E-mail:** marsat@marsat.ru	Daily

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Senegal [663]	O										ARTP Sénégal **Address:** Résidence IMHOPTEP Liberté 6 Extension VDN BP: 14130 Dakar-Peytavin Senegal	**Opening hours Monday to Friday: 08.00 AM to 05.00 PM UTC** **Phone:** +(221) 33 869 03 69 **Fax:** +(221) 33 869 03 70 **E-mail:** contact@artp.sn	
Singapore [563] [564] [565]	O		X	O							Maritime and Port Authority of Singapore **Address:** 7B Keppel Road # 19-07/09, Tanjong Pagar Complex Singapore 089055 Singapore	**Phone:** +6325-2493 +6325-2494 +62265539 **Fax:** +6224-5776 +6227-9971 **Telex:** RS 20021 **E-mail:** pocc@mpa.gov.sg	Monthly
Slovenia [...]											APEK **Address:** Stegne 7 SL-1000 Ljubliana Slovenia	**Opening hours Monday to Friday: 08.30 AM to 14.00 PM UTC** **Phone:** +386 1 583 63 00 **Fax:** +386 1 511 11 01 **E-mail:** info.box@apek.sl	Regularly
South Africa [601]	O		O	O							MRCC Cape Town **Address:** PO Box 532 Parow, 7499 South Africa	**Phone:** +27-21-938-3300 **Fax:** +27-21-938-3309 **Telex:** 095 52 1037 **E-mail:**mrcc.ct@samsa.org.za	Daily
Spain [224]	O		X	X							Area de Inspección Radiomarítima Dirección General de la Marina Mercante **Address:** Calle Ruíz de Alarcón 1 28071 Madrid Spain	**Phone:** +34-91-597-9275 +34-91-597-9220 **Fax:** +34-91-597-9176 **E-mail: fferrol@fomento.es**	N. I.

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Suriname [765]	N. I.		N. I.	N. I.							Department of Civil Aviation **Address:** P.O. Box 1981, Zorg en Hoop Paramaribo South Suriname	**Phone:** +597-497914 **Telex:** +597-498898 **AFTN:** 148 (CIVPBM SN) SMPBYAYX	N. I.
Sweden [265] [266]	O		O	O							JRCC Sweden **Address:** PO Box 5158 SE-42605 Västra Frölunda Sweden	**Phone:** +46-31-699 080 **Fax:** +46-31-648 010 **Telex:** +54 20180 mrccgbg s **AFTN:** ESORYCYX **E-mail:** jrcc@sjofartsverket.se	Continuous
Switzerland [269]	O		O	O							Schweizerisches Seeschifffahrtsamt Swiss Maritime Navigation Office **Address:** P.O. Box, Nauenstrasse 49 CH-4052 Basel – Switzerland ----- JRCC Zurich (Joint maritime and aeronautical Rescue Coordination Center) P.O. Box 1414 CH-8058 Zurich-Airport Switzerland	**Phone:** +41-61-270-9120 **Fax:** +41-61-270-9129 **E-mail:** ops@rega.ch (24 hours) ----- **Phone:** +41-44-654-3538 (24 hours) **Fax:** +41-44-654-3587 (24 hours) **E-mail:** sar@rega.ch (**Administrative affairs from 07.00 until 19.00 hours)**	N. I.
Thailand [567]	O		X	O							RCC Bangkok **Address:** 71 Soi Ngamduplee Rama IV Road Bangkok 10120 Thailand	**Phone:** +66-2-286 0506 +66-2-286 0594 / +66-2-285 9353 **Fax:** +66-2-287 3186 **Telex:** 86 22720 BKK RCC TH **AFTN:** VTBAYCYX	Once a month
Turkey [271]	O		X	O							MSRCC ANKARA **Address:** Gazi Mustafa Kemal Bulvari No. 128 Maltepe - Çankaya Ankara Turkey	**Phone:** +90-312-231 9105 +90-312-232 4783 / 2624 **Fax:** +90-312-232 0823 **Inmarsat-C Telex:** 427122324 **AFTN:** LTACZSZZ **E-mail:** trmcc@uma.gov.tr	Monthly

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Ukraine [272]	O		X	X							State Enterprise "MORCOM" **Address:** 29, Prospekt Shevchenko Odesa 65058 Ukraine	**Phone:** +380-482-683932 **Fax:** +380-482-631373 **E-mail:** morcom@te.net.ua	Daily
United Arab Emirates [470]	N. I.		N. I.	N. I.							Emirates RCC	**Phone:** +971-2-757388 **Telex:** 22475 (ADIAAS EM) **AFTN:** OMAAYC	N. I.
United Kingdom [232] [233] [234] [303]	X		O	X							EPIRB Registry Maritime and Coastguard Agency **Address:** MRCC Falmouth Pendennis Point Castle Drive Falmouth TR11 4WZ United Kingdom	**Phone:** +44-1326-211569 **Fax:** +44-1326-319264 **Telex:** 45560	Daily
United States [303] [338] [358] [366] [367] [368] [369] [379] [536] [559]	X		O	X							NOAA/SARSAT **Address:** NSOF, E/SPO53 1315 East West Hwy Silver Spring, MD 20910 United States	**Phone:** +1-301-817-4515 or +1-888-212-7283 **Fax:** +1-301-568-8649 **Telex:** 230-7400649 **Online registration:** http://beaconregistration.noaa.gov	Daily
Vanuatu [576]	O		X	X							Vanuatu Maritime Services **Address:** 42 Broadway, Suite 1200-18 New York NY 10004 United States	**Phone:** +1-212-425 9600 **Fax:** +1-212-425 9652 **Telex:** 229346 Van Mar Svcs **E-mail:**email@vanuatuships.com	N. I.

Country Code [MID]	USER PROTOCOLS				LOCATION PROTOCOLS						POINTS OF CONTACT		Frequency of updating database
	Maritime user		*Serial user*	*Radio call sign*	*User location*			*Standard location*		*National location*			
	MMSI	**Call sign**	**Serial No**	**Call sign**	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***			
Venezuela [775]	N. I.		N. I.	N. I.							RCC Maiquetia	**Phone:** +58-31-27601 (RCC) +58-31-22372 (RCC) +58-31-28751 (RCC) +58-31-26620 (SAR) +58-31-25385 (SAR) +58-31-26409 (SAR) +58-31-5092264 (Aero Civil) +58-31-5092210 **Fax:** ++58-31-23269 (RCC) (Aero Civil) +58-31-5744035 **Telex:** 28022 (MICACVC) / 24626 (MICTAVC) **AFTN:** SVSCYFYX	N.I.
Associate Member of IMO Faroes (Denmark) [231]			X	O							Flag Officer Denmark **Address:** Soedalsparken 20 P.O. Box 1483 DK-8220 Brabrand Denmark	**Phone:** +45-89-43 32 06 **Fax:** +45-89-43 32 30 **E-mail:** fse@fse.fo	~~Continuous~~ Daily
Associate Member of IMO Hong Kong, China [477]	O	O	X	O	O	X	O	O	X	X	Maritime Rescue Coordination Centre, Hong Kong, China **Address:** G.P.O. Box 4155 Hong Kong China	**Phone:** +852-22337999 **Fax:** +852-25417714 **Telex:** 802-82952 MRCC HX **AFTM:** VHHHYKYX **E-mail:**hkmrcc@mardep.gov.hk	Daily

* * *

406 MHz PLB CODING METHODS AND NATIONAL POINTS OF CONTACT

Country code	**USER PROTOCOLS**	**LOCATION PROTOCOLS**			**POINTS OF CONTACT**
	Serial user	***User Location***	***Standard location***	***National location***	
	PLB with serial number	***PLB with serial number***		***Serial number assigned by competent administration***	
Associate Member of IMO Hong Kong, China [477]	O	O		X	

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ANNEX 12

LIST OF 24-HOUR POINTS OF CONTACT FOR MARITIME MOBILE SERVICE IDENTITIES (MMSI)

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Algeria [605]	Agence Nationale de Radionavigation Maritime Siège social Ministere des PTIC 4, Bd Krim Belkacem Telemly Alger Algeria	**Phone:** +(213) 021-71-12-20 poste 2400 **Fax:** +(213) 021-74-26-90	N.I	N.I
Argentina [701]	National Maritime, Fluvial and Lacustre SAR Agency, **Address:** Base Naval Puerto Belgrano (CP 8111) Buenos Aires República Argentina	**Phone:** +54-2932-48-7162 +54-2932-48-7150 +54-2932-48-7640 +54-11-4317-2038 **Fax:** +54-2932-48-7163 **Telex:** 470100125 Inmarsat-C **E-Mail:** coopacsm@ara.mil.ar	Daily	Monthly
Australia [503]	Australian 406 MHz / MMSI Database Manager Australian Maritime Safety Authority **Address:** Level 2, 82 Northbourne Avenue G.P.O. Box 2181 Canberra, ACT 2601 Australia	**Business Hours-Enquiries & Registrations** **Phone:** +61-2-6279-5766 (international) **Local:** 1800-406-406 **Fax:** 1800-641-792 **E-mail:** ausbeacon@amsa.gov.au **After Office hours – Emergency Only** **Phone:** +61-2-6230-6811 (international) **Local:** 1800-641-792 **Fax:** +61-2-6230-6868 (24 hours)	In real time when received during business hours	In real time when received during business hours
Azerbaijan [...]	Azerbaijan State Caspian Shipping Co. **Address:** Str. M. Rasulzade 5 AZ 10005 Baku Azerbaijan	**Phone:** +994124031136 **Fax:** +994124935339 **Telex:** 784142102 MRF AI **E-Mail:** radio@caspar.az	Upon the receiving appropriate information	Upon the receiving appropriate information

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Bahamas [308] [309] [311]	Bahamas Maritime Authority, 120 Old Broad Street, London EC2N 1AR, United Kingdom	**Tel**: +44 207 562 1300 (office hours) +44 7977 471 220 (Emergency only), **E-mail**: reg@bahamasmaritime.com **Fax**: +44 207 256 5619	Continuous	Monthly
Belgium [205]	BIP / NCS **Address:** BIPT Ellipse Building C Koning Albert 2 Laan 35 1030 Brussel Belgium	**Phone:** +32-2-2268800-01 **Fax:** +32-2-2268802 **E-mail:** info@bipt.be		
Bermuda (United Kingdom) [310]	RCC Bermuda **Address:** 9 Ft George Hill St. George's GE01 Bermuda	**Phone:** +1-441-297-1010 **Fax:** +1-441-297-1530 **Telex:** 3208 RCC BA **E-mail:** rccbda@ibl.bm	As required	N. I.
Bulgaria [207]	MRCC Varna **Address:** Bulgarian Maritime Administration, EA 5, Primorski bul. 9000 Varna Bulgaria	**Phone:** +359-52-603268 **Fax:** +359-52-603265 **E-mail:** mrcc_vn@marad.bg	Monthly	3-Months
Brazil [710]	ANATEL **Address:** Gerência Geral de Serviços Privados de Telecomunicações SAUS Q-6 B-E 7º andar Brasilia – DF CEP 70070940 Brazil	**Phone:** +55-61-33122390 **Fax:** +55-61-33122790 **E-mail:** baraviera@anatel.gov.br	Continuously	N. I.
Canada [316]	**Address:** Industry Canada, Regulatory and Program Planning, 300 Slater Street Ottawa, Ontario K1A 0C8 www.ic.gc.ca http://www.ic.gc.ca/eic/site/icgc.nsf/eng/06957.html#q=maritime	**Phone: 613-998-3793** **Fax: 613-941-1219** **E-mail: MMSI@ic.gc.ca**	**daily**	weekly

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Cape Verde [617]	Ministério das Infra-estruturas, Transportes e Mar Agência Nacional das Comunicações CP No. 892 Praia - Santiago Cape Verde	**Phone:** +(238) 2615779 **Fax:** +(238) 2615780		
Chile [725]	Regulatory Administration/Maritime **Address:** Dirección de Seguridad y Operaciones Marítimas Subida Cementerio No. 300, Playa Ancha Valparaíso Chile ---------- Regulatory Administration/Maritime **Address:** Dirección General del Aeronáutica Civil/DGAC (DPA – DA) Santiago Chile	**Phone:** +56-32-2208637 +56-32-2208638/2208639 **Fax:** +56-32-2208662 **E-mail:** mrccchile@directemar.cl --------- **Phone:** +56-2-4107000/4107501 **Fax:** +56-2-2095000	As often as the new data is received	Periodically
China [412]	China Maritime Search and Rescue Centre **Address:** 11 Jianguomennei Ave. Beiging, 100736 China	**Phone:** +86-10-65292221 +86-10-65292218 **Fax:** +86-10-65292245 **Telex:** 222258 CMSAR CN **E-mail:** cmrcc@msa.gov.cn	As required	N. I.
Croatia [238]	MRCC Rijeka **Address:** Senjsko Pristanište 3 51000 Rijeka Croatia	**Phone:** +385-9155 +385-51-312 255 +385-51-312 253 **Fax:** +385-51-312 254 **Telex:** +599 24 634 **E-mail:** mrcc@pomorstvo.hr	Every 10 days	N. I.
Cyprus [209] [110] [212]	JRCC Larnaca Larnaca International Airport CY 7130, Larnaca Cyprus	**Phone:** +357-24304723 / +357-24304737 +357-24304752 / +357-24643005 **Fax:** +357-24643254 **Inmarsat-B:** 321099992 **Inmarsat-C:** 421099999 **AFTN:** LCLKYCYX	Continuously	N. I.

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Denmark [219] [220]	JRCC Denmark **Address:** Admiral Danish Fleet P.O. Box 1483 DK-8220 Brabrand Denmark	**Phone:** +45-89-43 32 02 **Fax:** +45-89-43 32 30 **E-mail:** jrcc@sok.dk _____	Daily	Daily
Estonia [276]	Estonian Technical Surveillance Authority (open 8.30 - 16.00, Monday-Friday) **Address:** 23A Sõle 10614 Tallinn Estonia	**Phone:** +372-667-2000 **Fax:** +372-667-2001 **E-mail:** info@tja.ee	Every week	As often as the new data is received
Fiji [520]	N. I.		N. I.	N. I.
Finland [230]	MRCC Turku **Address:** PL 16, 20101 Turku Finland	**Phone (Alert)** +358-204 1001 Tel +358-718 720 100 Tel Mas +358-718 720 111 **Fax:** +358-718 720 109 **Inmarsat-C:** 423002211 (AOR-E)	N. I.	Twice a year
France [226] [227] [228] Guadeloupe Martinique Saint Pierre et Miquelon [361] Réunion French Guiana	CROSS Gris-Nez **Postal address:** Le Cap Gris Nez 62179 Audinghen France	**Phone:** +33-3-21-872187 **Fax:** +33-3-21-877855 **Telex:** 130680 **Inmarsat-C:** 422799256 **E-mail:** gris-nez@mrccfr.eu **AFTN:** LFINZPZX	Daily	N. I.

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Georgia [213]	MRCC Georgia - Georgian Maritime Administration **Address:** 4, Shavsheti Street Batumi 384517 Georgia	**Phone:** +995 222 73913 **Fax:** +995 222 73905 **E-Mail:** mrcc_georgia@iberiapac.ge magheadof@fsc.gov.ge	When new numbers are issued	Annually (Planned quarterly)
Germany [211] [218]	Deutsche Gesellschaft zur Rettung Schiffbruchiger MRCC Bremen **Address:** Postfach 10 63 40 28063 Bremen Germany	**Phone:** +49-421-53-6870 **Fax:** +49-421-53-68714 **Telex:** 244754 or 246466 (mrccd) **AFTN:** EDDWYYYX **Attn.:** MRCC Bremen	Daily	Once a month
Gibraltar (United Kingdom) […]	Gibraltar Port Authority **Address:** Port Office North Mole Gibraltar	**Phone:** +350-78134/77272/77615 **Fax:** +350-40434 **Telex:** 2130 GIBPOR GK		Regularly
Greece [237] [239] [240]	Hellenic Ministry of Citizen Protection **Address:** Akti Vassiliadi GR-185 10 Piraeus Greece	**Phone:** +30210-4112500 (emergency) 4220772 (emergency) 4191369 / 4191126 / 4191325 **Fax:** +30210-4115798 / 4191561 4117801 / 4224417 4132398 / 4220466 **Telex:** +601-211588/211254 RCC GR 212239/212273 YEN GR 213594 YEN GR **AFTN:** LGGGYCYX **Inmarsat-C:** 423767310 RCCG (AOR-E/IOR)	N. I.	N. I.
Greenland (Denmark) [331]	RCC Sondrestrom	**Phone:** +45-29911201 **Fax:** +45-29911020 **Telex:** 90839	N. I.	N. I.
Iceland [251]	MRCC Reykjavik	**Phone:** +354-545 2100 **Urgency:** +354-511 3333 **Fax:** +354-545 2001 **E-mail:** sar@lhg.is (Open 24 hrs.)	N. I.	N. I.

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Iran (Islamic Republic of) [422]	PMO **Address:** Building, South Didar Street Shahid Haghani Highway Vanak Square Tehran Iran, Islamic Republic of	**Phone:** +98 21 84932149-6 **E-mail:** khorsandi@pmo.ir shokoohi@pmo.ir	Continuously	Yearly
Israel	**Address:** rcc@mot.gov.il	**Phone:** +972 4 8632073 **Fax:** +972 4 8632117 **E-mail:** rcc@mot.gov.il	Quarterly	
Italy [247]	Ministero dei Trasporti e della Navigazione Comando Generale delle Capitanerie di Porto – IMRCC **Address:** Via dell'Arte No. 16 00144 Roma / EUR Italy	**Phone:** +39-6-5924145/5923569 **Fax:** +39-6-5922737/59084793 **Telex:** +39-43-611172/614103 **E-mail:** COGECAP3@FLASHNET.IT	Real time	N. I.
Jamaica [339]	Port and Telecommunications Departments **Address:** South Camp Road Kingston Jamaica	**Phone:** +876-922-9430 **Fax:** +876-922-9449 **Telex:** 2133 POTELSKN JA **E-mail:** JAMPOST@wtjam.net	Upon receipt of new activation	N. I.
Japan [431]	Administration Division Guard and Rescue Department Japan Coast Guard **Address:** 2-1-3 Kasumigaseki Chiyoda-ku Tokyo 100-8918 Japan	**Phone:** +81-3-3591-9000 / +81-3-3591-9000 **Fax:** 2225193 (JMSAHQJ) RJTTYKYX	Regularly	Once in three months
Latvia [275]	MRCC Riga **Address:** Meldru 5a Riga LV-1045 Latvia	**Phone:** +371-67323103 / +371-67082070 **Fax:** +371-67320100 / +371-29270690 **E-mail:** sar@mrcc.lv	Continuously	Regularly (Update is done by Telecommunication Authorities)

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Lebanon	Direction de l'Exploitation Im. Central Nahr – Mar Mikhael	**Phone:** +961-5-461885 **Fax:** +961-5-451155 **Telex:** 40500 LE	Rarely	Rarely
Liberia [636]	Liberian International Ship & Corporate Registry, LLC **Address:** 8619 Westwood Center Drive, Vienna Virginia 22182 United States	**Phone:** +1-703-790-3434 (working hours) +1-703-508-3019 (after hours) **Fax:** +1-703-790-5655 **Telex:** UK 940498535	Continuously	Monthly
Lithuania [277]	Naval Forces of the Lithuanian Armed Forces, Maritime Rescue Coordination Centre (MRCC) **Address:** Naujoji uosto str. 24 LT-92244 Klaipėda Lithuania	**Phone:** +370-46-391257 +370-46-391258 **Fax:** +370-46-391259 **E-mail:** mrcc@mil.lt	Regularly	N. I.
Malaysia [533]	Jabatan Telekomunikasi Malaysia Kementerian Tenaga, Telecom dan Multimedia Wisma Damansara, Jalan Semantan 50668 Kuala Lumpur Malaysia	**Phone:** +60-3-2575100 **Fax:** +60-3-2530508 **Telex:** GENTEL MA 28020 **E-mail:** jtmhq@tm.net.my	On issue of MMSI	Annually
Malta [215] [248] [249] [256]	Wireless Telegraphy Dept. **Address:** Evans Building Merchants Street Valletta CMR 02 Malta	**Phone:** +356-25993624 +356-247224-8 **Fax:** +356-232728 +356-233695 **Telex:** 0 406-1471 (MODMLT MW)	Continuously	Periodically
Marshall Islands [538]	International Registries, Inc. **Address:** 11495 Commerce Park Drive, Reston Virginia 20191 United States	**Phone:** +1-703-620-4880 (working hours) +1-703-620-4766 (after hours) **Fax:** +1-703-476-8522 **E-mail:** cgeiger@register-iri.com	Continuously	Monthly

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Mauritius [645]	Mauritius Telecommunications Authority **Address:** Blendax House, 6th Floor, Dumas Street Port Louis Mauritius	**Phone:** +211 0839 / +208 5950 **Fax:** +211 0838 **E-mail:** 3bm.mrs@mauritiustelecom.com	Yearly	Yearly
Mexico [N. I.]	N. I.	**Phone:** +525 5629-12 36 **Fax:** +525 5613-22 14 **E-mail:** cegg@telecomm.net.mx informat@telecomm.net.mx inge@telecomm.net.mx www.telecomm.net.mx/satelites/lista_embarcaciones	Monthly	Annually
Netherlands [244] [245] [246]	Netherlands Coastguard Centre/JRCC Den Helder MHKC Building Nieuwe Haven, Den Helder **Address:** P.O. Box 10000, 1780 CA Den Helder The Netherlands	**Phone:** +31-(0) 9000 111 (Alarm) +31-(0) 223 542 300 **Fax:** +31-(0) 223 658 358 **Telex:** +44 71088 (KUSTW-NL) **E-mail:** ccc@kustwacht.nl **Web:** www.kustwacht.nl/nl/algemeen.html	Daily	Once a month
New Zealand [512]	Taupo Radio **Address:** Level Three, Avalon Business Centre Percy Cameron Street Lower Hutt New Zealand	**Phone:** +644 914 8333 **Fax:** +644 914 8334 **E-mail:** maritime@bclnz.com	Continuously	N. I.
Norway [257] [258] [259]	RCC Stavanger **Address:** RCC Southern Norway, Sikrings Bygget 4050 Sola Norway	**Phone:** +47-51646000 +47-51517000 **Fax:** +47-51652334 **Telex:** 33163 (RCCSN) **E-Mail**: operations@jrcc-stavanger	Daily	Monthly

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Portugal [204] [255] [263]	Instituto Portuario e dos Transportes Maritimos **Address:** Edificio Vasco da Gama Rua General Gomes Araújo Cais Alcantara Mar 1399-005 Lisboa – Portugal ---------- MRCC Lisboa **Address:** Reduto Gomes Freire Estrada da Medrosa 2780- 070 Oeiras Portugal	**Phone:** +351-21-391 4500 **Fax:** +351-21-391 4763 **E-mail:** dsm.dns@imarpor.pt **Cell Phone:** +351-917 133 399 **Phone:** +351-21-440-1919 **Fax:** +351-21-440-1954 **Telex:** 404-21-60747	Daily	Quarterly
Republic of Korea [440] [441]	Radio Research Agency **Address:** Wonhyoro-3-ga, Yongsangu Seoul Republic of Korea (140-848)	**Phone:** +82-02-710-6574	As needed	As needed
Romania [264]	Constanta MRCC **Address:** Incinta Port 900900 Constanta Romania	**Phone:** +40-241-601232 +40-241-615949 **Inmarsat-M (voce):** 873764456360 **Fax:** +40-241-601223 +40-241-606065 **Inmarsat-M (fax):** 873600644223 **E-mail:** mrcc@rna.ro	Every 3 months	N. I.
Russian Federation [273]	COSPAS MISSION – CONTROL CENTRE **Address:** Morsviazsputnik 2, Bldg.2, Krasnobogatyrskaya str Moscow 107564 PO Box 28 Russian Federation	**Phone:** +7-495-6261215 +7-495-4233200 **Fax:** +7-495-6269375 (auto) +7-495-6261460 (manual) **E-mail:** cmc@marsat.ru	Daily	N. I.

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Senegal [663]	ARTP Sénégal **Address:** Résidence IMHOPTEP Liberté 6 Extension VDN BP: 14130 Dakar-Peytavin Senegal	**Opening hours Monday to Friday:** **08.00 AM to 05.00 PM UTC** **Phone:** +(221) 33 869 03 69 **Fax:** +(221) 33 869 03 70 **E-mail:** contact@artp.sn		
Singapore [563] [564] [565]	Singapore Radio **Address:** Yokbrs, 380, YIO CHU KANG Road, A03-00 Singapore 805942 Singapore	**Phone:** +65-1800-4816231 **Fax:** +65-1800-4818050 **Telex:** 34842 **E-mail:** pocc@mpa.gov.sg	Monthly	As and when required
Slovenia [...]	APEK **Address:** Stegne 7 SL-1000 Ljubliana Slovenia	**Opening hours Monday to Friday:** **08.30 AM to 14.00 PM UTC** **Phone:** +386 1 583 63 00 **Fax:** +386 1 511 11 01 **E-mail:** info.box@apek.sl	Regularly	Regularly
Spain [224]	MRCC Madrid	**Phone:** +34-91-7559132 +34-91-7559133 **Fax:** +34-91-5261440 **Telex:** 41210/41224	Daily	N. I.
Sweden [265] [266]	JRCC Sweden **Address:** PO Box 5158 SE-42605 Västra Frölunda Sweden	**Phone:** +46-31-699080 **Fax:** +46-31-648010 **Telex:** +54 20180 mrccgbg s **AFTN:** ESORYCYX **E-mail:** jrcc@sjofartsverket.se	Daily	Monthly
Thailand [567]	Post and Telegraph Department **Address:** Phaholyothin Soi 8 Bangkok 10400 Thailand	**Phone:** (66 2) 271 0151 – 60 Ext. 710 & 711	Once a month	Every two months

Country [MID]	24-hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Turkey [271]	MSRCC Ankara **Address:** Gazi Mustafa Kemal Bulvari No. 128/A Maltepe - Çankaya Ankara, Turkey	**Phone:** +90-312-231 9105 +90-312-232 4783 / 2624 **Fax:** +90-312-232 0823 **Inmarsat-C Telex:** 427122324 **AFTN:** LTACZSZX **E-mail:** trmcc@uma.gov.tr	Monthly	N. I.
Ukraine [272]	MRCC Odesa **Address:** 65009, 9th floor, 89, Frantsuzskiy Bulvar Odesa, Ukraine	**Phone:** +380-(48) 7776009 **Fax:** +380 (48) 7776010 **Telex:** 680 232 139 ODRCC UX **E-mail:** MRCC@morcom.org.ua	Daily	Monthly
United Kingdom [232] [233]	MRCC Falmouth **Address:** HM Coastguard, Pendennis Point Falmouth, TR11 4WZ, United Kingdom	**Phone:** +44-1326-317575 **Fax:** +44-1326-318342 **Telex:** 45560 (FALMCG G)	Daily	Monthly
United States [303] [368] [338] [369] [358] [379] [366] [536] [367] [559]	Federal Communications Commission **Address:** 445 12th Street SW Washington, DC 20554 United States	**Phone:** +1-202-418-1122 **Fax:** +1-202-418-2817	Daily	Monthly
Associate Member of IMO Faroes (Denmark) [231]	Thorshaven Radio	**Phone:+45-29 81 29 65** **Telex:+81200**		
Associate Member of IMO Hong Kong, China [477]	Maritime Rescue Coordination Centre, Hong Kong, China **Address:** G.P.O. 4155 Hong Kong China	**Phone:** +852-22337999 **Fax:** +852-25417714 **Telex:** 802-82952 MRCC HX **AFTN:** VHHHYKYX **E-mail:** hkmrcc@mardep.gov.hk	Daily	N. I.

* ITU database = ITU MARS (Maritime mobile Access & Retrieval System).
For detail, contact: "ITU TIES HELPDESK"

Address: ITU TIES, ITU Information Service Department, Place des Nations, 1211 Geneva 20, Switzerland
Tel.: +41-22-730-5054 X 400 e-mail: S=helpdesk; A=arcom; P=itu; C=ch
Fax: +41-22-730-5337 Internet e-mail: helpdesk@itu.ch

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ANNEX 13

MSC.1/Circ.1382/Rev.2

REVISED QUESTIONNAIRE ON SHORE-BASED FACILITIES FOR THE GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS)

1 The Maritime Safety Committee, at its ninety-second session (12 to 21 June 2013), approved circulation of the attached revised questionnaire on shore-based facilities in the GMDSS prepared by the Sub-Committee on Radiocommunications and Search and Rescue, at its fifteenth and sixteenth sessions.

2 The revised questionnaire contains the revision of MSC.1/Circ.1382, annex 7, related to NAVTEX services.

3 Member Governments, including those which have submitted responses to MSC/Circ.684 and MSC.1/Circ.1382, as amended, are invited to provide or update, in accordance with the annexed questionnaire, the required information electronically, as far as possible, for inclusion in the GMDSS Master Plan (GMDSS.1 circular).

4 Administrations should submit information obtained, as appropriate, from national authorities responsible for shore-based facilities for the GMDSS, NAV/MET Area Coordinators and search and rescue authorities.

5 This questionnaire supersedes MSC.1/Circ.1382/Rev.1.

* * *

ANNEX 1

STATUS OF SHORE-BASED FACILITIES FOR THE GMDSS

1 Indicate in brief the status of shore-based facilities for the GMDSS, using the following indicators:

O = Operational
T = Under trial
P = Planned or to be decided

COUNTRY	COAST STATIONS						SES for RCC	MSI BROADCAST SERVICE					Cospas-Sarsat	
	DSC			Inmarsat LES				NAVTEX	SafetyNET			HF NBDP	MCC	LUT
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F 77			NAV	MET	SAR			

* * *

ANNEX 2

Sea area A1 (within range of shore-based VHF DSC coverage)

1 Does your Administration intend to establish sea area A1? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Do they keep full-time DSC watch on channel 70? YES ☐ NO ☐
If not, indicate watch hours in the following table.

3 Indicate details of VHF stations.

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	

(1) Monitored stations include remote-controlled stations.
(2) Refer to resolution A.801(19). See appendix.
(3) SD = "Distress and Safety" only, PS = Both "Public Correspondence" and "Safety and Distress".

4 Provide a map indicating:

- Name and location of **main** VHF stations
- Coverage of main and monitored Transmitter & Receivers
- Name and location of associated RCC(s)

Appendix to annex 2

IMO resolution A.801(19), annex 3, paragraph 2

Criteria for establishing GMDSS sea areas

2.3 Determination of radius A

$$A = 2.5(\sqrt{H(in\text{-}metres)} + \sqrt{h(in\text{-}metres)})$$

2.3.1 The following formula should be used to calculate range A in nautical miles:
H is the height of the coast station VHF receiving antenna and h is the height of the ship's transmitting antenna which is assumed to be 4 m.

2.3.2 The following table gives the range in nautical miles (NM) for typical values of H:

h \ ***H***	50 m	100 m
4 m	23 NM	30 NM

2.3.3 The formula given above applies to line-of-sight cases but is not considered adequate for cases where both antennae are at a low level. The VHF range in sea area A1 should be verified by field strength measurements.

* * *

ANNEX 3

Sea area A2 (within range of shore-based MF DSC coverage)

1 Does your Administration intend to establish sea area A2? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Do they keep full-time DSC watch on 2187.5 kHz? YES ☐ NO ☐
If not, indicate watch hours in the following table.

3 Indicate details of MF stations.

NAV/MET Area	Country	MF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187.5 kHz	

(1) Monitored stations include station remote-controlled stations.
(2) Refer to resolution A.801(19). See appendix.
(3) SD = "Distress and Safety" only, PS = Both "Public Correspondence" and "Safety and Distress".

4 Provide a map indicating:

- Name and location of **main** MF stations
- Coverage of main and monitored Transmitter & Receivers
- Name and location of associated RCC(s)

Appendix to annex 3

IMO resolution A.801(19), annex 3, paragraph 3

Criteria for establishing GMDSS sea areas

3.3 Determination of radius B

Radius B may be determined for each coast station by reference to Recommendation ITU-R P.368-9 and P.372-10 for the performance of a single side band (J3E) system under the following conditions:

Frequency	-	2182 kHz
Bandwidth	-	3 kHz
Propagation	-	ground wave
Time of day & Season	-	(Administration should determine time periods and seasons appropriate to their geographic area based on prevailing noise level)
Ship's transmitter power (PEP)	-	60 W (see footnote to regulation IV/16(c)(i) of the 1981 amendments to the 1974 SOLAS Convention)
Ship's antenna efficiency	-	25%
S/N(RF)	-	9 dB (voice)
Mean transmitter power	-	8 dB below peak power
Fading margin	-	3 dB

The range of sea area A2 should be verified by field strength measurements.

* * *

ANNEX 4

Sea areas A3 and A4 (outside sea area A2)

1 Does your Administration intend to equip one or more HF DSC station? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Do they keep full-time DSC watch on the bands?

	YES	NO
4 MHz (4207.5 kHz)?	☐	☐
6 MHz (6312 kHz)?	☐	☐
8 MHz (8414.5 kHz)?	☐	☐
12 MHz (12577 kHz)?	☐	☐
16 MHz (16804.5 kHz)?	☐	☐

If not, indicate watch hours in the following table.

3 Indicate details of HF stations.

NAV/MET Area	Country	HF DSC Coast Station							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	

* SD = "Distress and Safety" only, PS = Both "Public Correspondence" and "Safety and Distress".

* * *

ANNEX 5

Inmarsat facilities

1 Does your Administration operate an Inmarsat Land Earth Station (LES)? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of Inmarsat LES.

NAV/MET Area	Country	Location	Ocean Area*	Service provided (Status of Implementation / Data of operation)			RCC Associated
				Inmarsat-B	Inmarsat-C	Fleet F 77	

* AOR-E = Atlantic Ocean Region – East
AOR-W = Atlantic Ocean Region – West
IOR = Indian Ocean Region
POR = Pacific Ocean Region

* * *

ANNEX 6

Rescue Coordination Centres (RCCs) using Ship Earth Stations (SESs)

1 Does your Administration intend to commission a ship earth station for RCC operation? YES ☐ NO ☐

Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of SES.

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	

* * *

ANNEX 7

518 kHz NAVTEX service

1 Does your Administration operate NAVTEX service on 518 kHz? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of NAVTEX stations.*

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna (1)	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation(2)

* Refer to resolution A.801(19). See appendix.

490 kHz NAVTEX service

1 Does your Administration operate NAVTEX service on 490 kHz? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of NAVTEX stations.

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna (1)	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation(2)

4209.5 kHz NAVTEX service

1 Does your Administration operate a 4209.5 kHz NAVTEX service? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of 4209.5 kHz NAVTEX stations.

NAV/MET Area	Country	NAVTEX Coast Station	Position of Antenna (1)	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation(2)

(1) Position in Latitude and Longitude (degrees and minutes to two decimal places) using WGS 84 datum.
(2) Operational or planned and any short amplifying remark.

Appendix to annex 7

IMO resolution A.801(19), annex 4, paragraph 3

Criteria for use when providing a NAVTEX service

The ground-wave coverage may be determined for each coast station by reference to Recommendations ITU-R P.368-9 and P.372-10 for the performance of a system under the following conditions:

Frequency	–	518 kHz
Bandwidth	–	500 Hz
Propagation	–	ground wave
Time of day & Season	–	(Administration should determine time periods in accordance with NAVTEX time transmission table (NAVTEX Manual, figure 3) and seasons appropriate to their geographic area based on prevailing noise level.)

Transmitter power & Antenna efficiency

- (The range of a NAVTEX transmitter depends on the transmitter power and local propagation conditions. The actual range achieved should be adjusted to the minimum required for adequate reception in the NAVTEX area served, taking into account the needs of ships approaching from other areas. Experience has indicated that the required range of 250 to 400 nautical miles can generally be attained by transmitter power in the range between 100 and 1,000 W during daylight with a 60% reduction at night.)

- RF S/N in 500 Hz bandwidth – 8 dB (Bit error rate 1×10^{-2})

- Percentage of time – 90

Full coverage of NAVTEX service area should be verified by field strength measurements.

* * *

ANNEX 8

International SafetyNET service

1 Does your Administration broadcast MSI through the International SafetyNET service?

YES ☐ NO ☐

Is it operational now?

YES ☐ NO? ☐

If not operational now, indicate the date of operation in the following table.

2 Provide details of international SafetyNET service

NAV/MET Area	Type of Information	Country	LES/LESO	Ocean Region/LES ID	MSI Coastal Warning Area(1) (if applicable)	Broadcast schedule (UTC)	Status of implementation
	NAV(2)	*					
	MET(3)	**					
	SAR(4)						

(1) Provide a diagram showing limits of Coastal Warning Areas, including B_1 Codes.
(2) NAV = navigational warnings.
(3) MET = meteorological information.
(4) SAR = search and rescue alerts.
* = NAVAREA coordinator responsible for the area.
** = The issuing service nominated by WMO for METAREA services, responsible for the area.

* * *

ANNEX 9

HF Narrow Band Direct Printing (NBDP) MSI broadcast service

1 Does your Administration intend to broadcast MSI through HF NBDP? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of HF NBDP MSI broadcast service.

Country	NBDP Coast Station	Position	Frequency Band	Schedule (UTC)	Status of implementation
			4 MHz (4210 kHz)		
			6 MHz (6425 kHz)		
			8 MHz (8416.5 kHz)		
			12 MHz (12579 kHz)		
			16 MHz (16806.5 kHz)		
			19 MHz (19680.5 kHz)		
			22 MHz (22376 kHz)		
			26 MHz (26100.5 kHz)		

* * *

ANNEX 10

Cospas-Sarsat MCC and LUT

1 Does your Administration intend to operate Cospas-Sarsat ground facilities? YES ☐ NO ☐ Is it operational now? YES ☐ NO ☐
If not operational now, indicate the date of operation in the following table.

2 Indicate details of the Cospas-Sarsat facilities.

Ground Segment Operator	MCC			LUT			RCC Associated
	Location	Designator	Status of implementation	Location	Type (LEO GEO MEO)	Status of implementation	

* * *

ANNEX 11

EPIRB registration data

406 MHz EPIRB

1 MID-Numbers (country codes) assigned to 406 MHz EPIRBs?

2 406 MHz coding currently used by the country:

EPIRB CODING METHODS

Country code	***USER PROTOCOLS***				***LOCATION PROTOCOLS***					
	Maritime user		***Serial user***	***Radio call sign***	***User location***			***Standard location***		***National location***
	MMSI	***Radio call sign***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***EPIRB with serial number***	***Radio call sign***	***MMSI***	***Serial number***	***Serial number assigned by competent administration***

PLB CODING METHODS *(if applicable)*

Country code	***USER PROTOCOLS***	***LOCATION PROTOCOLS***		
	Serial user	***User Location***	***Standard location***	***National location***
	PLB with serial number	***PLB with serial number***		***Serial number assigned by competent administration***

For reference on 406 MHz EPIRB coding methods, use document C/S G.005 "Cospas-Sarsat Guidelines on 406 MHz Beacon Coding, Registration and Type Approval" available on the Cospas-Sarsat website (www.cospas-sarsat.org).

3 *<u>EPIRB Registration Information</u>:*

3.1 *Point of contact for 406 MHz EPIRB register:*

	YES	NO
Open 24 hours a day, all days of the year?	☐	☐

If not, specify the opening hours (UTC), days, etc.:

name, address, telephone, e-mail, AFTN, telex, fax.

3.2 *Administrative points of contact for 406 MHz EPIRB matters (coding, registration and type approval):*
name, address, telephone, e-mail, telex, fax.

4 How often does your Administration update the database?

* * *

ANNEX 12

Maritime Mobile Service Identities (MMSI)

1 MID-Numbers (country codes) assigned to equipment other than 406 MHz EPIRBs?

2 National database for MMSI number:

- Same database as for 406 MHz EPIRBs? YES ☐ NO ☐
  If not, fill in the following information:

- Address:

  Open 24 hours a day, all days of the year? YES ☐ NO ☐
  If no, specify the opening hours (UTC), days, etc.:

- Telephone No. for database information:
- Telefax No. for database information:
- Telex No. for database information:
- AFTN No. for database information:
- E-mail address for database information:

3 How often does your Administration update the national database?

4 How often does your Administration update the ITU database?