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GMDSS.1/Circ.13
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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.12 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 (2009 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, if they have not already done so.

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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).

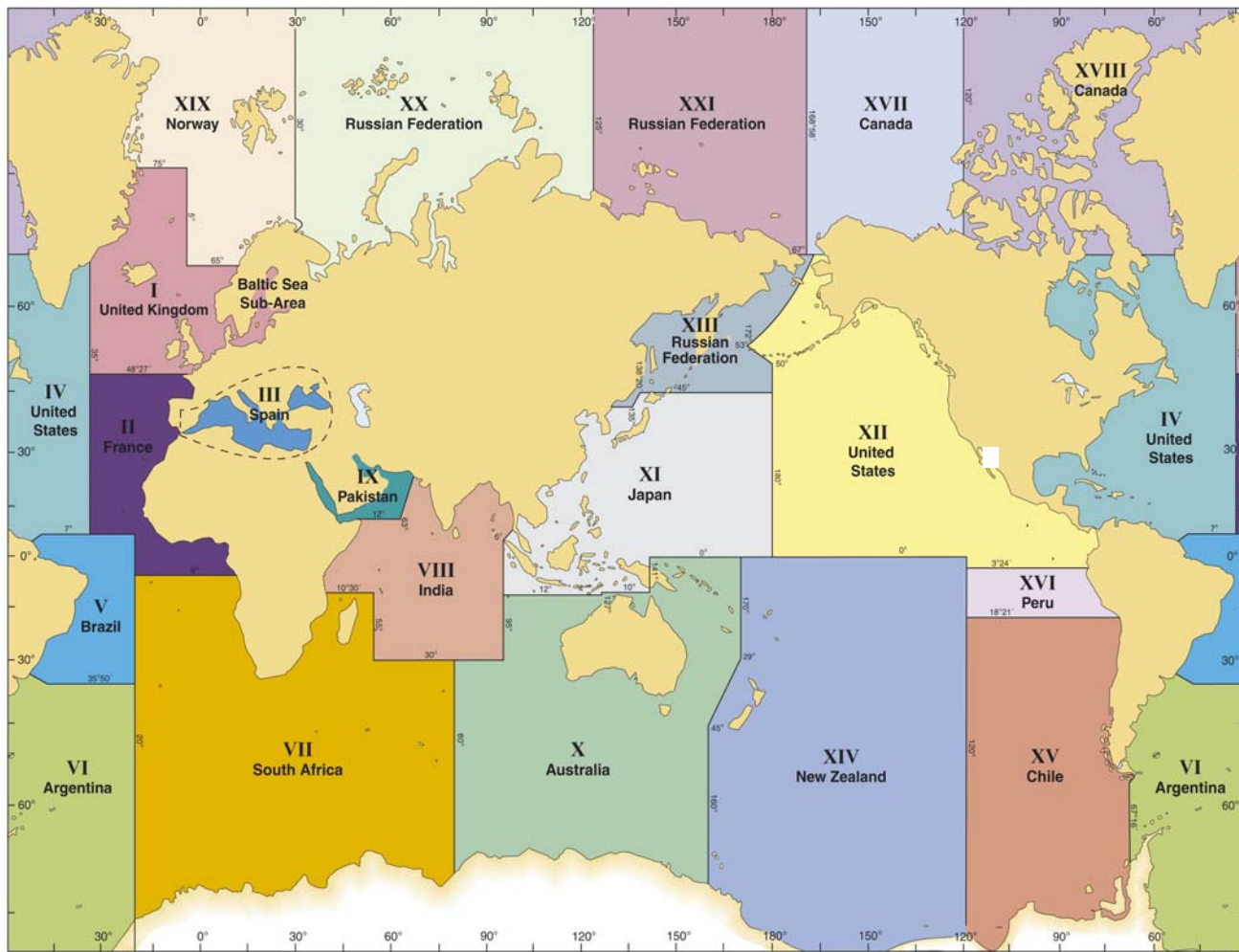
Monitor stations *include* remote-controlled stations.

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

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

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				NAVTEX	SafetyNET			HF NBDP	MCC	LUT
	A1	A2	A3 & A4	B	C	Inmarsat Fleet F77			NAV	MET	SAR			
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	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	T	T	O	T	O	O
Cape Verde	O	O	P				P	O			O			
Chile	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											
Côte d'Ivoire	O	O	O					P						

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 F77			NAV	MET	SAR			
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		
Guinea	P	P												
Guinea-Bissau	P	P												

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 F77			NAV	MET	SAR			
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					
Ireland	O	O						P	O					
Israel				O	O			P	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	P	P	P					O						
Mauritania	P	P						P						
Mauritius	O	O	O					O						
Mexico	O & P	O & P	P					P						
Morocco								P						
Mozambique	P	P	P											
Myanmar	O													
Namibia								O						

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 F77			NAV	MET	SAR			
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)	T	P	P				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
Slovenia	O													
South Africa			O					O	O	O	O		O	O
Spain	O	O	O					O	O				O	O
Sudan (the)	P	P	P											

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 F77			NAV	MET	SAR			
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)	P	O & Pre-O	O	O	O	O	O	O & P	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 Hong Kong, China	O	O	O				O	O	O	O	O		O	O

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 AREAS 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				
			Main		Thorshavn Radio (Faeroes)	002311000				
Monitor	Thorshavn	62°01'.00N 006°49'.00W	56							
	Fugloy	62°20'.00N 006°19'.00W	68							
	Mykines	62°06'.00N 007°35'.00W	64							
	Suderoy	61°25'.00N 006°44'.00W	57							

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	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				
			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	Turku	002300230				
	Monitor	Kemi		002303000	65°49'.00N 024°32'.00E	30	MRSC Vaasa			
		Hailuoto			65°02'.00N 024°36'.00E	27.4				
		Kalajoki			64°18'.00N 024°11'.00E	47				
		Kokkola			63°50'.00N 023°10'.00E	34				
		Raippaluoto			63°22'.00N 021°19'.00E	31.8				
		Kristiinankaupunki			62°16'.00N 021°24'.00E	35.6				
		Pori		002301000	61°35'.97N 021°26'.84E	15.9		MRCC Turku		
Rauma				61°08'.00N 021°33'.00E	28.2					
Uusikaupunki				60°48'.00N 021°23'.00E	31.8					
Geta				60°23'.10N 019°50'.85E	37.6					
Brandö				60°24'.00N 021°03'.00E	25.2					
Utö				59°47'.00N 021°22'.00E	22.7					
Järsö				60°01'.10N 020°00'.01E	35.6					
Korppoo				60°10'.11N 021°32'.82E	30.3					
Naantali				60°27'.00N 022°03'.00E	32.5					
Hanko	002302000	59°50'.00N 022°56'.00E		25.9	MRSC Helsinki					
Porkkala		59°59'.00N 024°26'.00E	30							
Santahamina/Helsinki		60°09'.02N 025°03'.04E	30							
Sondby		60°16'.00N 025°51'.00E	25.9							
Kotka		60°29'.04N 026°53'.83E	28.7							
Virolahti		60°36'.00N 027°50'.00E	32.5							

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.)	France	Main	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	Jobourg	002275200	49°41'.00N 001°54'.50W	42	Operational	SD	24 hrs	MRCC Jobourg
		Monitor	Antifer		49°41'.10N 000°10'.00E	33				
			Villerville		49°23'.10N 000°06'.29E	30				
			Ver-sur-Mer		49°20'.50N 000°31'.10W	27				
			Gatteville		49°41'.80N 001°15'.90W	26				
			Granville		48°50'.10N 001°36'.80W	26				
			Roches Douvres		49°06'.40N 002°48'.80W	25				
			Main		Corsen	002275300				
		Monitor	Cap Frehel	48°41'.00N 002°19'.00W	28					
			Batz Island	48°44'.78N 004°00'.71W	27					
			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				
			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					

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.)	Ireland (cont.)	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				
			Jurmalsciems		56°31'.00N 021°00'.00E	20				
	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					

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	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				
			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							

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.)	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				
			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	002570700	65°39'.00N 011°49'.43E	75	Operational	PS	24 hrs	JRCC North Norway Bodø
			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							

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.)	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				
			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				
			Bjørnøya		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	002570800	69°45'.02N 030°07'.54E	44	Operational	PS	24 hrs	JRCC North Norway Bodø
			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				
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								

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.)	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, Berlevåg fjell		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, Havøygvæn		71°00'.16N 024°35'.45E	49								
			Mehamn, Trollhetta		71°02'.49N 028°06'.41E	49								
	Poland	Main	Szczecin/remote controlled	002610110	53°28'.00N 014°35'.00E	-	Operational	PS	24 hrs	RCC Gdynia				
			Monitor		Świnoujście	53°55'.00N 014°15'.00E		24		SD	MRCC Gdynia			
		Monitor	Grzywacz-Polana		53°57'.00N 014°30'.00E	37	Operational	SD	24 hrs	MRCC Gdynia				
			Kolowo		53°20'.00N 014°40'.00E	42								
			Kolobrzeg		54°10'.00N 015°33'.00E	27								
			Main		Witowo Radio	002610210					54°32'.29N 016°32'.12E	-		
		Monitor	Jaroslawiec (Rx)		54°32'.00N 016°31'.00E	31								
			Barzowice (Tx)		54°28'.00N 016°30'.00E	31								
			Rowokół		54°39'.00N 017°12'.00E	35								
			Rozewie		54°49'.00N 018°20'.00E	26								
			Oksywie		54°32'.00N 018°32'.00E	31								
			Krynica Morska		54°24'.00N 019°30'.00E	27								
		Main	Gdynia/remote controlled		002610310	54°32'.00N 018°32'.00E	-	Operational	PS	24 hrs	RCC Gdynia			
			Monitor		Rozewie	54°50'.00N 018°20'.00E	25							
					Oksywie	54°32'.00N 018°32'.00E	30							
					Krynica Morska	54°23'.00N 019°27'.00E	20							
	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

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	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		59°17'.52N 018°10'.22E	50				
			Västerås		59°38'.37N 016°24'.02E	45				
			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				
			Färö		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				
			Grimeton		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°46'.19N 014°15'.02E	53								
Karlstad	59°23'.31N 013°23'.00E	37								

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.)	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					
		Trevoze Head		50°32'.91N 005°01'.97W	30					
		Bude		50°49'.00N 004°33'.00W	20					
		Main	Brixham	002320013	-	-				
Monitor		Rame Head		50°19'.02N 004°13'.17W	30					
		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						

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.)	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										
			Flamborough		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										
			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													

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.)	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				
		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						

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	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					
			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						
	II	Benin	Main	Cotonou Radio	06100001	06°21'.21N 002°26'.41E	29	Operational	N. I.	12 hrs (0700 to 1900 UTC)	PTT Cotonou
Cameroon		Main	Douala Radio		04° 04'.00N 009° 41'.00E	N.I.	Planned [N. I.]	N. I.	N. I.		
		Monitor	Kiribi Radio		N.I.	N.I.					
			Buea Radio		N.I.	N.I.					
Cape Verde		Main	Sao Vicente Radio (D4A)	006170000			70	Operational	PS	24 hrs	MRCC CPB
			Monte Verde (Sao Vicente Island)			16° 52'.11N 024° 56'.02W					
		Morro Curral (Sal Island)			16° 45'.25N 022° 56'.33W						
		Monte Xota (Santiago Island)			15° 02'.13N 023° 37'.22W						
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						

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.)	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	Etel	002275000	47°39'.73N 003°12'.11W	26	Operational	SD	24 hrs	MRCC Etel
		Monitor	Pen March		47°47'.89N 004°22'.36W	28				
			Groix		47°39'.14N 003°30'.08W	24				
			Belle Ile		47°19'.00N 003°14'.00W	27				
			Kerrouault		47°26'.99N 002°29'.69W	33				
			Armandeche		46°42'.00N 001°55'.00W	21				
			Ile D'Yeu		46°43'.03N 002°22'.88W	24				
			Soulac		45°32'.00N 001°06'.00W	24				
			Chassiron		46°02'.81N 001°24'.52W	22				
			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	26				
	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.		
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.					

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.)	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					
			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					
		Cap Skirring	006630008	12°23'.10N 016°44'.6 W	30	Planned 2010					
	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		
	Hierro			27°48'.25N 017°54'.55W	35						
	La Palma			28°38'.59N 017°49'.43W	35				MRCC Tenerife		

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.)	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'.00O	50			24 hrs	CROSS Oran				
		Monitor	Mostaganem	006054118	35°56'.00N 000°06'.00E	50			Remote					
		Main	Ghazaouet	006054119	35°06'.00N 001°51'.00O	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		-	Planned 2011	SD	24 hrs	MRCC Baku				
		Monitor	Cilov			-								
	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									
		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												

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.)	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							
	Cyprus	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	
		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
		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	La Garde	002275400	43°06'.29N 005°59'.40E	23	Operational	SD	24 hrs	MRCC La Garde		
	Monitor	Bear		42°31'.10N 003°08'.50E	30						
		Pic Neulos		42°29'.00N 002°57'.00E	79						
		Agde		43°17'.00N 003°30'.10E	31						
		Espiguette		43°29'.00N 004°08'.00E	15						
		La Gatasse		43°21'.64N 005°03'.49E	25					Planned	
		Planier		43°11'.92N 005°13'.85E	21					Operational	
		Bec de l'Aigle		43°10'.51N 005°34'.45E	30					Planned	
		Coudon		43°10'.00N 006°10'.00E	60					Operational	
		La Garoupe		43°33'.86N 007°07'.96E	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	
III (cont.)	France (cont.)	Monitor	Cap Camarat	002275400	43°12'.06N 006°40'.48E	30	Operational	SD	24 hrs	MRCC La Garde
			Pic de l'Ours		43°28'.00N 006°54'.00E	52				
		Main	Aspretto	002275420	41°55'.37N 008°45'.80E	30	Operational	SD	24 hrs	MRCC La Garde, MRSC Corse
		Monitor	Ersa		42°58'.15N 009°22'.79E	54				
			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				
			Syros		37°27'.00N 024°56'.00E	57				
			Knossos		35°17'.00N 024°53'.00E	87				
			Patmos		37°18'.00N 026°32'.00E	46				
			Moustakos		35°18'.00N 023°37'.00E	84				
Tsoukalas				40°23'.00N 023°28'.00E	68					
Faistos				35°00'.00N 025°12'.00E	84					
Astypalea				36°36'.00N 028°26'.00E	59					

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.)	Monitor	Karpathos	002371000	35°28'.00N 027°10'.00E	66	Operational	PS	24 hrs	JRCC Piraeus
			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, 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				
	Italy	Main	Rome	002470001	-	-	Operational	PS	24 hrs	
		Monitor	Conconello		45°40'.00N 013°47'.00E	53	Operational	PS	24 hrs	MRSC Trieste
			Piancavallo		46°05'.00N 012°32'.00E	70				MRSC Venezia
			Monte Cero		45°15'.00N 011°40'.00E	58				MRSC Ravenna
			Ravenna Bassette		44°24'.00N 012°12'.00E	20				MRSC Ancona
			Forte Garibaldi		43°36'.00N 013°31'.00E	39				
			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					
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							
Monte Paradiso		42°05'.00N 011°51'.00E	52	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						

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	Monitor	Gorgona	002470001	43°25'.25N 009°53'.83E	47	Operational	PS	24 hrs	MRSC Livorno					
			Monte Nero		43°29'.00N 010°21'.00E	51									
			Zoagli		44°19'.00N 009°18'.00E	38									
			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 Argentone		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									
			Siracusa Belvedere		37°05'.00N 015°12'.00E	42									
		Augusta Campolato Alto	37°16'.00N 015°12'.00E		32										
		Forte Spuria	38°16'.00N 015°37'.00E		33	MRSC Catania									
		M. Lauro	37°06'.00N 014°49'.00E		70										
		Capri	40°33'.00N 014°15'.00E		50										
		Napoli Posillipo	40°48'.00N 014°11'.00E		36										
		Varco del Salice	40°17'.00N 015°02'.00E		69										
												MRSC Napoli			
	Lebanon	Main	Beirut Radio		004501000	33°50'.00N 035°31'.00E					23	Operational	SD/PS	24 hrs	Lebanese Army
	Malta	Main	Malta Radio 9HD		-	-					-	Planned [2004]	SD	24 hrs	RCC Malta
		Monitor	Ta'Wied Rini		-	35°53'.00N 014°21'.00E					45				

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.)	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, Agigea	002640570	44°06'.18N 028°37'.49E	25	Operational	PS	24 hrs	Constanta Harbour's Master	
		Monitor	Constanta, Enisala		44°51'.15N 028°52'.00E	44					
			Constanta, Sfintu Gheorghe		44°53'.57N 029°36'.11E	24					
			Constanta, Mahmudia		45°05'.17N 029°04'.21E	43					
	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						
	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
			Motril		36°52'.40N 002°48'.04W	35					
			Cabo Gata		36°45'.28N 002°10'.14W	35					
			Melilla		35°19'.00N 002°57'.00W	35					
			Valencia		002241024	-					-
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						

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.)	Spain (cont.)	Monitor	Cabo La Nao	002241024	38°43'.24N 000°09'.40E	35	Operational	SD	24 hrs	MRCC Valencia					
			Alicante		38°19'.39N 000°42'.00W						35				
			Cartagena		37°34'.52N 000°57'.53W						35				
			Palma de Mallorca		39°44'.12N 002°42'.51E						35				
			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					
			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					
			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											
			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
			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													
	Cobandede R/L	36°31'.11N 036°15'.20E													
	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													

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.)	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	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					
			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	003160018	--	40	Operational	SD	24 hrs	JRCC Halifax	
		Monitor	Pinetree	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	003160025	49°00'.00N 064°24'.00W	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								

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	La Romaine	003160025	50°13'.00N 060°41'.00W	40	Operational	SD	24 hrs	JRCC Halifax
			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	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	003160016				
		Monitor	Fox Island	45°20'.00N 061°05'.00W	40					
			Ecum Secum	44°58'.00N 062°09'.00W	40					
			Shannon Hill	44°41'.00N 063°37'.00W	40					
			Ketch Harbour	44°28'.00N 063°37'.00W	40					
			Kingsburg	44°17'.00N 064°17'.00W	40					
		Main	Saint John	003160015	45°14'.00N 065°59'.00W	40	Operational	SD	24 hrs	JRCC Halifax
		Monitor	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	003160020				
		Monitor	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	003160021	51°30'.00N 055°49'.00W	40	Operational	SD	24 hrs	JRCC Halifax		
Monitor	Twillingate		49°41'.00N 054°48'.00W	40						
	Comfort Cove		49°20'.00N 054°51'.00W	40						
	Conche		50°54'.00N 055°53'.00W	40						
	L'Anse aux Mecadows		51°34'.00N 055°30'.00W	40						
	Fox Harbour		52°22'.00N 055°40'.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	Labrador	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	003160026	48°19'.00N 069°25'.00W	40	Operational	SD	24 hrs	MRSC Quebec
		Monitor	Lac D'aigle		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 Est		48°23'.00N 070°41'.00W	40				
			Mont-Louis		49°13'.00N 065°46'.00W	40				
		Main	Montreal	003160028	-	40	Operational	SD	24 hrs	MRSC Quebec
		Monitor	Mont St. 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	003160027	-	40	Operational	SD	24 hrs	MRSC Quebec
		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	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	003160030	43°01'.00N 082°11'.00W	40	Operational	SD	24 hrs	JRCC Trenton
Monitor	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							

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	Thunder Bay	003160031	48°26'.00N 089°18'.00W	40	Operational	SD	24 hrs	JRCC Trenton				
		Monitor	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								
			Warton		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								
			Comox		003160014	--					40	Operational	SD	24 hrs
		Prince Rupert	003160013			40					Operational	SD	24 hrs	JRCC Victoria
		Tofino	003160012			40					Operational	SD	24 hrs	JRCC Victoria
	Vancouver	003160010		40	Operational	SD	24 hrs	JRCC Victoria						
	Victoria	003160011		40	Operational	SD	24 hrs	JRCC Victoria						
	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			
		Progreso		003450910	21°16'.08N 089°41'.47W					80	Operational			
		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]			

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		TBD				Planned [2007]			
	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				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
		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						
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	20	Operational			MRCC Mumbai
			Porbandar	004192202	21°38'.00N 069°37'.00E	25				
			Mumbai	004192203	18°55'.00N 072°50'.00E	25				
			New Mangalore	004192204	12°55'.00N 074°48'.00E	25				
			Kochi	004192205	09°58'.00N 076°16'.00E	20				
			Goa	004192206	15°25'.00N 073°48'.00E	25				
			Okha	004192207	22°28'.00N 069°05'.00E	20				
			Chennai	004194401	13°06'.00N 080°18'.00E	25		MRCC Chennai		
		Vishakhapatnam	004194402	17°41'.00N 083°17'.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	
VIII (cont.)	India (cont.)	Main	Paradip	004194403	20°16'.00N 086°42'.00E	25	Operational			MRCC Chennai
			Haldia	004194404	22°02'.00N 088°06'.00E	25				
			Tuticorin	004194405	08°45'.00N 078°12'.00E	20				
			Mandapam	004194406	09°17'.00N 079°05'.00E	20				
			Diglipor	004194407	13°18'.00N 093°04'.00E	25				
			Campbell Bay	004194408	07°00'.00N 093°55'.00E	30				
			Port Blair	004194409	11°41'.00N 092°46'.00E	30		MRCC Port Blair		
	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	Main	Mauritius Radio	006452700	20°11'.00S 057°28'.00E	20	Operational	PS	24 hrs	Mauritius National Coast Guard
	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.					
		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	SP	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					

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.)	Iran, (Islamic Republic of) (cont.)	Main	Lavar Radio (Persian Gulf)	004225204	28°15'.08N 051°15'.14E	30	Operational	SP	24 hrs	
		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				
		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			
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					

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.)	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					
			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.					
			Jebal Dhana Radio		24°06'.00N 052°44'.00E	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	

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.)	China (cont.)	Main	Qingdao Radio	004122200	36°10'.00N 120°28'.00E	25	Operational	PS	24 hrs	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
	Guam (United States)	Main	Guam	003669994	13°29'.00N 144°50'.00E	N. I.	Planned [2007]	SD	24 hrs	RCC Honolulu
	Indonesia	Main	Amboina	005250006	03°41'.57W 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 Balikpapan
		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			MRSC Manado
		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 Manado
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 Manado				

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	Gresik	-	07°09'.30S 112°35'.40E	20	Planned	PS	24 hrs	MRCC Surabaya
		Main	Jakarta	005250000	06°07'.28S 106°51'.16E	20				MRCC Jakarta
		Main	Jambi	-	01°36'.50S 103°36'.51E	20	Operational			MRSC Padang
		Main	Jayapura	005250007	02°31'.10S 140°43'.22E	20				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
		Main	Kalianget	-	07°04'.05S 113°58'.42E	20	Operational			MRCC Surabaya
		Main	Kendari	005250019	03°58'.38S 122°35'.55E	20				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 Manado
		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				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			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
		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		

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	Pulau Sambu	-	01°09'.08N 103°53'.58E	20	Planned	PS	24 hrs	MRSC Tanjung Pinang		
		Main	Rengat	-	00°28'.29S 102°41'.10E	20				MRSC Medan		
		Main	Sabang	-	05°04'.00N 095°21'.00E	20				MRSC Balikpapan		
		Main	Samarinda	-	00°30'.30S 117°09'.12E	20				MRSC Banjarmasin		
		Main	Sampit	-	02°33'.26S 112°57'.24E	20				MRSC Ambon		
		Main	Sanana	005250025	02°03'.03S 125°58'.02E	20	Operational			MRSC Tanjung Pinang		
		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'.35E 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 Manado		
		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 Manado		
		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			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 Manado		
		Main	Tual	-	05°38'.00S 132°44'.27E	20				MRSC Ambon		
		Main	Olee Lheue	-	05°33'.42S 095°17'.10E	20				MRSC Manado		
		Main	Waingapu	-	09°39'.42S 120°15'.22E	20				MRSC Kupang		
		Malaysia	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				

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.)	Monitor	Ulu Kali	005330004	03°26'.00N 101°47'.00E	114	Operational	PS	24 hrs	MRCC Port Klang
			Gunung Ledang	005330005	02°03'.00N 102°34'.00E	95				
			Tioman	005330006	02°48'.00N 104°12'.00E	27				
			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				
			Kuching	005330011	01°35'.00N 110°11'.00E	85				
			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	N. I.	14°35'.00N 120°57'.00E	25	-	SD	24 hrs	Manila
		Monitor	Batangas		13°45'.00N 121°03'.00E	25	-			
			Iloilo		10°42'.00N 122°35'.00E	25	-			
			San Fernando		16°36'.00N 120°18'.00E	25	-			
			Aparri		18°22'.00N 121°38'.00E	25	On trail			
			Legaspi		13°09'.00N 123°45'.00E	25	-			
			San Jose		12°20'.00N 121°06'.00E	25	On trail			
			Lucena		13°54'.00N 121°38'.00E	25	-			
			Roxas		11°36'.00N 121°42'.00E	25	On trail			
			Real		14°40'.00N 120°37'.00E	25	-			
			Davao		07°08'.00N 125°40'.00E	25	-			
			Puerto Princesa RX/OPS		N.I.	25	-			
Surigao			09°47'.00N 125°30'.00E		25	-				
Cebu OPS			10°16'.00N 123°53'.00E		25	-				
Zamboanga			06°59'.00N 122°01'.00E		25	On trail				
Tacloban			N.I.		25	-				
Gen. Santos			06°05'.00N 125°09'.00E		25	-				
Cagayan de Oro			08°30'.00N 124°40'.00E		25	-				
Cotabato	N.I.	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	

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	West Regional HQs Korea Coast Guard	004401003	34°47'.00N 126°32'.00E	25	Operational	SD	24 hrs	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
			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
			Seoul Radio	004400106	35°09'.00N 128°44'.00E	25				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				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
		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					

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	Ulsan VTS	004403103	35°30'.00N 129°23'.00E	25	Operational	SD	24 hrs	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	
		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	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	Haiphong 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					

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	Ben Thuy/SVB Radio	005741070	18°30'.57N 105°42'.21E	30	Operational	PS	24 hrs	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
		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							
		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									

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.)	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	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				
			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	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	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				
			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 (Cape Lazo)	003160014	-	40	Operational	SD	24 hrs	JRCC Victoria		
Monitor	Port Hardy		50°42'.00N 127°42'.00W	40						
	Discovery		50°19'.00N 125°22'.00W	40						
	Texada		49°42'.00N 124°26'.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.)	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					
	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	Operational			Zona Naval (ZN-8)
			Salina Cruz	003452010	16°10'.27N 095°11'.00W	80				Zona Naval (ZN-10)
			Lazaro Cardenas	003451610	17°57'.00N 102°12'.27W	80	Planned [2006]			Zona Naval (ZN-6)
			Guerrero Negro	003450440	27°45'.02N 114°52'.06W	80				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)					
Puerto Madero	003452210	14°45'.12N 092°25'.22W	80	Planned [2005]	Sector Naval					
United States					Planned [2007]					
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

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	Vanino	002734421	48°55'.00N 140°20'.00E	45	Operational	SD	24 hrs	MRSC Yuzhno-Sakhalinsk	
		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					
			Kholm'sk		47°02'.00N 142°03'.00E	31					
Cape Svobodny	46°50'.00N 144°26'.00E		32								
XIV	NONE										
XV	Chile	Main	Iquique	007250020	20°21'.20S 070°06'.50W	64	Operational	SD	24 hrs	MRCC Iquique	
		Main	Arica	007250010	18°29'.10S 070°19'.16W	39				MRSC Arica	
		Main	Antofagasta	007250050	23°40'.03S 070°24'.29W	30				MRSC Antofagasta	
		Main	Tocopilla	007250030	22°05'.25S 070°12'.15W	15					
		Main	Mejillones	007250040	23°05'.40S 070°27'.00W	15					
		Main	Taltal	007250060	25°24'.30S 070°29'.02W	15					
		Main	Chañaral	007250070	26°21'.00S 070°38'.20W	15					
		Main	Caldera	007250080	27°03'.58S 070°49'.23W	15				MRSC Caldera	
		Main	Huasco	007250090	28°27'.40S 071°13'.30W	15					
		Main	Isla de Pascua	007250100	27°10'.57S 109°25'.42W	44				MRSC Isla de Pascua	
		Main	Coquimbo	007250110	29°56'.30S 071°20'.10W	62				MRSC Coquimbo	
		Main	Los Vilos	007250120	31°54'.15S 071°31'.23W	15					
		Main	Quintero	007250125	32°46'.21S 071°31'.28W	15					
		Main	Juan Fernández	007250130	33°37'.11S 078°49'.39W	15					
		Main	Valparaíso	007251860	33°04'.42S 071°36'.48W	63				PS	
		Main	San Antonio	007250140	33°34'.00S 071°37'.00W	31				SD	MRSC San Antonio
		Main	Constitución	007250150	35°19'.10S 072°24'.05W	15					MRCC Talcahuano
		Main	Talcahuano	007250170	36°37'.25S 073°04'.05W	32					MRCC Talcahuano
		Main	Corral	007250210	39°53'.01S 073°25'.31W	15					MRSC Valdivia
		Main	Valdivia	007250220	39°48'.50S 073°14'.51W	15					
Main	Puerto Montt	007250230	41°39'.15S 073°10'.13W	34	MRCC Puerto Montt						
Main	Corona	007250235	41°47'.04S 073°52'.33W	26							
Main	Ancud	007250240	41°52'.04S 073°50'.20W	15							
Main	Castro	007250250	42°28'.58S 073°46'.04W	15	MRSC Castro						

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	Chaitén	007250260	42°55'.00S 072°43'.27W	15	Operational	SD	24 hrs			
		Main	Quellon	007250270	43°07'.32S 073°37'.42W	15						
		Main	Melinka	007250280	43°53'.54S 073°44'.45W	15						MRSC Puerto Aysen
		Main	Isla Guafo	007250290	43°33'.54S 074°49'.50W	33						MRCC Puerto Montt
		Main	Puerto Aguirre	007250294	45°09'.45S 073°31'.36W	15						MRSC Puerto Aysen
		Main	Puerto Chacabuco	007250298	45°26'.48S 072°49'.18W	15						MRSC Puerto Aysen
		Main	Aysen	007250300	45°24'.29S 072°43'.05W	16						MRSC Aysen
		Main	Cabo Raper	007250310	46°49'.08S 075°37'.23W	22						MRSC Puerto Aysen
		Main	San Pedro	007250320	47°42'.39S 074°53'.35W	18						MRCC Punta Arenas
		Main	Puerto Edén	007250330	49°08'.20S 074°27'.10W	15						MRCC Punta Arenas
		Main	Puerto Natales	007250340	51°44'.54S 072°32'.10W	15						
		Main	Faro Evangelistas	007250350	52°23'.07S 075°05'.54W	21						
		Main	Faro Fairway	007250360	52°43'.53S 073°46'.42W	19						
		Main	Bahia Felix	007250370	52°57'.43S 074°04'.51W	19						
		Main	Punta Arenas	007250380	53°09'.12S 071°02'.20W	64						
		Main	Punta Delgada	007250390	52°27'.12S 069°33'.15W	17						
		Main	Punta Dungeness	007250400	52°24'.00S 068°26'.00W	21						
		Main	Espíritu Santo	007250410	52°39'.32S 068°36'.42W	24						
		Main	Puerto Williams	007250420	54°55'.57S 067°36'.27W	22						MRSC Puerto Williams
		Main	Wollaston	007250430	55°36'.48S 067°25'.48W	28						
Main	Diego Ramírez	007250440	56°31'.24S 068°42'.36W	28								
Main	Bahía Fildes	007250450	62°11'.48S 058°55'.30W	15		MRSC Chilean Antarctic						
Main	Bahía Paraíso (Antarctic)	007250470	64°49'.23S 062°51'.34W	15								
XVI	Peru	Main	Callao	007600125	12°03' S 077°09' W	50	Operational	PS	24 hrs	MRCC Callao		
		Main	Chimbote	007600126	09°08' S 078°37' W	12				MRCC Chimbote		
		Main	Huacho	007600128	11°07' S 077°37' W	30				MRCC Huacho		
		Main	Ilo	007600132	17°39' S 071°21' W	53				MRCC Ilo		
		Main	Iquitos	007600133	03°48' S 073°15' W	30				MRCC Callao		

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	Mollendo	007600129	17°01' S 072°01' W	30	Operational	PS	24 hrs	MRSC Mollendo				
		Main	Paita	007600121	05°05' S 081°07' W	30				MRSC Paita				
		Main	Pimentel	007600123	06°50' S 079°56' W	25				MRCC Pimentel				
		Main	Pisco	007600130	13°43' S 076°13' W	17		SD		MRCC Pisco				
		Main	Puno	007600134	15°85' S 070°01' W	30				MRSC Paita				
		Main	Salavery	007600124	08°13' S 078°59' W	25				MRCC Salavery				
		Main	San Juan	007600131	15°22' S 075°10' W	30				MRCC San Juan				
		Main	Supe	007600127	10°48' S 077°44' W	15				MRCC Supe				
		Main	Talara	007600122	04°35' S 081°17' W	30				MRCC Talara				
		Main	Zorritos	007600120	03°40' S 080°40' W	30				MRCC Zorritos				
			Chancay		11°35' S 077°16' 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								

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 AREAS 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				
		Main	Thorshavn Radio (Faeroes)	002311000	62°00'.00N 006°47'.00W	225	Operational	SD	24 hrs	MRCC Thorshavn JRCC Tallinn
	Estonia	Main	Tallinn	002761100	-	-				
		Monitor	Undva	002761000	58°30'.37N 021°55'.39E	150				
		Main	Tallinn North	002760100	59°24'.00N 024°40'.00E	150				
	Finland	Main	Kuressaare West	002760120	58°15'.00N 022°29'.00E	150	Operational	SD/PS	24 hrs	MRCC Turku MRSC Helsinki MRCC Turku MRSC Vaasa
		Monitor	Turku	002300230	-	-				
			Sondby RX	002302000	60°16'.00N 025°51'.00E	185				
			Helsinki TX		60°09'.00N 025°09'.00E	185				
			Mariehamn TX/RX	002301000	60°07'.00N 019°57'.00E	185				
			Raippaluoto TX/RX	002303000	63°18'.00N 021°06'.00E	185				
	Hailuoto TX/RX		65°02'.00N 024°35'.00E	185						
	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					
Vestmannaeyjar			63°26'.00N 020°16'.00W		194					
Ireland			Main		Malin Head Radio	002500100				
	Main	Valentia Radio	002500200	51°55'.00N 010°20'.00W	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		
I (cont.)	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					
		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					
		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	54°32'.29N 016°32'.12E	150	Operational	SD	24 hrs	MRCC Gdynia		
	Monitor	Jaroslawiec (Rx)		54°32'.00N 016°31'.00E							
		Barzowice (Tx)		54°28'.00N 016°30'.00E							
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		
		Rx Gorki		59°48'.00N 028°30'.00E							
		Tx Karavaldayskiy		59°59'.00N 029°07'.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	
I (cont.)	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				
			Tingstäde		57°41'.00N 018°35'.00E	250				
			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
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
					05°15'.46N 003°29'.26 W					
					05°15'.46N 005°00'.39 W					
					04°57'.07N 006°05'.30 W					
					04°44'.20N 006°37'.30 W					
					04°24'.42N 007°21'.44 W					
05°21'.42N 003°57'.48 W										
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.		

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.)	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					
		Main	Coruña CCR	002241022	43°21'.57N 008°27'.10W	150					MRCC Gijón
		Monitor	Finisterre		42°53'.32N 009°16'.28W	150					MRSC Coruña
		Main	Málaga CCR	002241023	-	-					MRCC Tarifa
Monitor		Chipiona		36°40'.31N 006°24'.28W	150						
		Tarifa		36°02'.32N 005°33'.24W	150						
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							
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'.00O	200				CROSS Oran	
		Main	Annaba	006053814	36°54'.00N 007°45'.00E	200				CROSS Jijel	
	Azerbaijan	Main	Baku (Caspian Sea)	004231000			Planned 2011	SD	24 hrs	MRCC Baku	
		Monitor	Cilov								
	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	
		Main	Port Said Radio	006221113	31°15'.00N 032°19'.00E	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					
III (cont.)	France	Main	Porquolles (TX)	002275400	42°59'.07N 006°12'.40E	200	Operational	SD	24 hrs	MRCC La Garde				
			La Garde (RX)		43°06'.32N 005°59'.35E	200								
			La Garde (TX)		43°06'.29N 005°59'.40E	200								
			Agde (RX)		43°17'.92N 003°30'.18E	200								
	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								
	Italy	Main	Roma	002470001	-	-	Operational	PS	24 hrs					
					Monitor	Trieste (Monte Radio)					45°40'.00N 013°46'.00E	200		
					Ancona (Forte Millo)	43°36'.00N 013°28'.00E					200			
					Cagliari (Margine Rosso)	39°13'.00N 009°14'.00E					200			
					Roma (Torvajonica)	41°37'.00N 012°29'.00E					200			
					Genova (Castellaccio)	44°25'.00N 008°56'.00E					200			
Main					Palermo	002470002					-	-	Operational	PS
Monitor		Palermo (Punta Raisi)	38°11'.00N 013°06'.00E	200										
		Mazara del'Vallo	37°39'.00N 012°36'.00E	200										
		Augusta	37°14'.00N 015°14'.00E	200										
		Bari (Monteparano)	40°26'.00N 017°25'.00E	200										

(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.)	Lebanon	Main	Beirut Radio	004501000	33°50'.00N 035°31'.00E	150	Operational	SD/PS	24 hrs	Lebanese Army	
	Malta	Main	Malta Radio 9HD	-	-	-	Planned [2004]	SD	24 hrs	RCC Malta	
		Monitor	Benghajsa	-	35°49'.00N 014°32'.00E	250					
	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'.18N 028°37'.49E	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	
			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
		Monitor	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
			Monitor		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						
	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		

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	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	
		Monitor	Upernavik		72°46'.99N 056°08'.68W	280					
			Sisimiut		66°55'.26N 053°39'.99W	270					
			Nuuk		64°04'.13N 052°00'.42W	250					
			Qeqertarsuaq		69°14'.68N 053°31'.63W	280					
			Qaqortoq		003311000	61°59'.71N 049°38'.51W					220
			Paamiut			60°41'.06N 046°36'.24W					230
		Ikerasassuaq	60°03'.42N 043°09'.55W		220						
	Main	Angmagssalik	003314000	65°36'.52N 037°39'.39W	280	Operational	SD	24 hrs	MRCC Grønnedal		
	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	
	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					
			Cape Hatteras	003669906	35°14'.00N 075°32'.00W	200					
			Charleston	003669907	32°47'.00N 079°57'.00W	200					
Monitor			Sullivans Island		32°46'.00N 079°50'.00W	200					
Main		New Orleans	003669908	29°53'.00N 089°57'.00W	200						
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						

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	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								
		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						

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	
VI (cont.)	Argentina (cont.)	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	-	Planned [2002]			Likely to be installed by end 2002
		Main	Chennai	004194401	13°06'.00N 080°18'.00E	-				
		Main	Port Blair	004194409	11°41'.00N 092°46'.00E	200	Operational			MRCC Port Blair
		Main	Porbandar	004192202	21°38'.00N 069°37'.00E	200	Operational			MRCC Mumbai
		Main	Haldia	004194404	22°02'.00N 088°06'.00E	200				MRCC Chennai
		Main	Mandapam	004194406	09°17'.00N 079°05'.00E	250				MRCC Chennai
		Main	Daman	004192201	20°25'.00N 072°52'.00E	250				MRCC Mumbai
	Kenya	Main	Mombasa Radio		N. I.	200	Planned [N. I.]	N. I.	N. I.	
	Mauritius	Main		006452700	20°11'.00S 057°28'.00E	2000	Operational	PS	24 hrs	Mauritius National Coast Guard
	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	004225304	27°07'.00N 056°04'.00E	250	Operational			RCC Bandar Abbas
	Iran, (Islamic Republic of)	Main	Bushehr Radio	004225302	28°59'.00N 050°49'.00E	200	Planned			
		Main	Chabahar Radio	004225301	25°17'.00N 060°38'.00E					
		Main	Anzali Radio (Caspian Sea)	004225305	37°28'.00N 049°27'.00E		Operational			HQ PSO Tehran
		Main	Khoramshahr	004225309	30°20'.00N 048°22'.00E		Planned	PS	24 hrs	Bandar Imam Khomeyni

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	
IX (cont.)	Iran, (Islamic Republic of) (cont.)	Main	Asaluyeh	004225316	27°28'.00N 052°36'.00E	200	Planned	PS	24 hrs	Bandar Bushehr
		Main	Amir Abad (Caspian Sea)	004225301	36°51'.00N 053°22'.00E					Amir Abad
		Main	Neka (Caspian Sea)	004225311	36°50'.00N 053°14'.00E					Amir Abad
		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				
	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
		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
		Guam (United States)	Main	Guam	003669994	13°29'.00N 144°50'.00E				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	
XI	Indonesia	Main	Ambina	005250006	03°41'.57W 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 Balikpapan
		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 Manado
		Main	Celukan Bawang	-	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 Manado
		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 Manado
		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
		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				

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	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 Manado
		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	Masalembu	-	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			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
		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'.35E 110°20'.50E	100	Operational			MRCC Surabaya

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	Serui	-	01°53'.12S 136°14'.27E	100	Planned	PS	24 hrs	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					
				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						

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.)	Main	Yokohama Coast Guard Radio	004310301	-	-	Operational	SD	24 hrs	Yokohama MRCC
		Monitor	Chikura	004310301	34°56'.00N 139°56'.00E	150	Operational	SD	24 hrs	Yokohama MRCC
			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	004310501	34°27'.00N 136°49'.00E	150	Operational	SD	24 hrs	Kobe MRCC
		Main	Kobe Coast Guard Radio		-	-				
		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	004310701	34°15'.00N 132°40'.00E	60	Operational	SD	24 hrs	Kitakyushu MRCC
		Main	Moji Coast Guard Radio		-	-				
		Monitor	Mokkoku	34°08'.00N 129°12'.00E	150					
		Main	Maizuru Coast Guard Radio	004310801	-	-	Operational	SD	24 hrs	Maizuru MRCC
		Monitor	Nawa	004310901	35°31'.00N 133°32'.00E	150	Operational	SD	24 hrs	Niigata MRCC
		Main	Niigata Coast Guard Radio		-	-				
		Monitor	Nekogatake	37°28'.00N 137°08'.00E	150					
	Main	Kagoshima Coast Guard Radio	004311001	-	-	Operational	SD	24 hrs	Kagoshima MRCC	
	Monitor	Yoko-o	004311001	31°19'.00N 130°49'.00E	150	Operational	SD	24 hrs	Kagoshima MRCC	
		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	
	Monitor	Tamagusuku	004311101	26°09'.00N 127°46'.00E	150	Operational	SD	24 hrs	Naha MRCC	
Miyara		24°22'.00N 124°12'.00E		150						
Main Monitor	Malaysia	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					

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.)	Philippines	Main	Manila		14°30'.00N 121°04'.00E	150	Planned	SD	24 hrs	Manila and 12 stations		
		Monitor	Batangas		13°45'.00N 121°03'.00E	150						
			Iloilo		10°42'.00N 122°35'.00E	150						
			San Fernando		16°36'.00N 120°18'.00E	150						
			Aparri		18°22'.00N 121°38'.00E	150						
			Legaspi		13°09'.00N 123°44'.00E	150						
			San Jose		12°20'.00N 121°05'.00E	150						
			Davao		07°07'.00N 125°37'.00E	150						
			Puerto Princesa		200	150						
			Surigao		09°47'.00N 125°29'.00E	150						
			Cebu		10°19'.00N 125°55'.00E	150						
			Zamboanga		06°59'.00N 122°02'.00E	150						
			General Santos		06°05'.00N 125°09'.00E	150						
	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	24 hrs	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						
Thailand		Monitor	Bangkok Radio Sriracha	005671000	13°06'.209N 100°55'.614E	162				Operational	SD	24 hrs
	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			

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.)	Viet Nam (cont.)	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				
	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
		Ensenada	003450210	31°51'.08N 116°37'.07W	150	Planned [2006]	Zona Naval 2			
		Manzanillo	003451410	19°01'.51N 104°19'.11W	150		Sector Naval			
		La Paz	003450410	24°03'.43N 110°24'.38W	150		Sector Naval			
		Guerrero Negro	003450440	27°45'.17N 114°52'.00W	150	Planned [2005]	Zona Naval 2			
		Salina Cruz	003452010	16°10'.27N 095°12'.00W	150		Zona Naval 10			

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		
XII (cont.)	United States	Main	Port Angeles	003669904	48°08'.00N 123°24'.00W	200	Pre-operational	SD	24 hrs	Seattle	
		Monitor	Quillayute		47°54'.00N 124°38'.00W	200				Honolulu	
		Main	Honolulu	003669905	21°18'.00N 157°52'.00W	200	Pre-operational	SD	24 hrs	Alameda	
		Monitor	Lualuaci		21°16'.00N 158°09'.00W	200					
		Main	Humboldt Bay	003669909	40°46'.00N 124°03'.00W	200	Pre-operational	SD	24 hrs	Seattle	
		Monitor	Point Arena		38°57'.00N 123°44'.00W	200					
		Main	Monterey	003669910	36°40'.00N 121°55'.00W	200	Pre-operational	SD	24 hrs	Alameda	
		Monitor	Point Pinos		36°38'.00N 121°56'.00W	200					
		Main	North Bend	003669911	43°25'.00N 124°14'.00W	200	Pre-operational	SD	24 hrs	Seattle	
		Monitor	Cape Arago		43°20'.00N 124°22'.00W	200					
		Main	Long Beach	003669912	33°47'.00N 118°13'.00W	200	Pre-operational	SD	24 hrs	Alameda	
		Monitor	Point Conception		34°27'.00N 120°28'.00W	200					
		Main	San Diego	003669913	32°44'.00N 117°10'.00W	200	Pre-operational	SD	24 hrs	Juneau	
		Monitor	San Clemente		32°53'.00N 118°27'.00W	200					
		Main	Juneau	003669922	58°18'.00N 134°25'.00W	200	Pre-operational	SD	24 hrs	Juneau	
		Monitor	Lena Point		58°23'.00N 134°45'.00W	200					
					Yakutat		59°33'.00N 139°44'.00W	200			
		Main	Ketchikan	003669923	55°54'.00N 131°50'.00W	200	Pre-operational	SD	24 hrs	Juneau	
		Monitor	Pt. Higgins		55°54'.00N 131°50'.00W	200					
		Main	Valdez	003669924	61°08'.00N 145°21'.00W	200	Pre-operational	SD	24 hrs	Alameda	
Monitor	Cape Hinchinbrook		61°14'.00N 146°38'.00W	200							
			Cape Yakataga		60°04'.00N 142°25'.00W	200					
Main	San Francisco	003669926	37°38'.00N 122°23'.00W	200	Pre-operational	SD	24 hrs	Seattle			
Monitor	Ft. Stevens		46°12'.00N 123°57'.00W	200							
Main	San Francisco	003669990	37°56'.00N 122°44'.00W	200	Pre-operational	SD	24 hrs	Alameda			
Main	Kodiak	003669899	57°46'.00N 152°34'.00W	200							
Main	Honolulu	003669993	21°26'.00N 158°09'.00W	200				Honolulu			
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		49°05'.00N 140°20'.00E	150	Planned [2010]			MRSC Yuzhno-Sakhalinsk	

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	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						
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°21'.20S 070°06'.50W	180	Operational	SD	24 hrs	MRCC Iquique	
		Main	Arica	007250010	18°29'.10S 070°19'.16W	180				MRSC Arica	
		Main	Antofagasta	007250050	23°40'.03S 070°24'.29W	180				MRSC Antofagasta	
		Main	Valparaíso	007251860	33°04'.42S 071°36'.48W	180		MRCC Valparaíso			
		Main	Caldera	007250080	27°03'.58S 070°49'.23W	180		MRSC Caldera			
		Main	Isla de Pascua	007250100	27°10'.57S 109°25'.42W	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			

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	Juan Fernández	007250130	33°37'.11S 078°49'.39W	180	Operational	SD	24 hrs	MRCC Valparaíso
		Main	Talcahuano	007250170	36°37'.25S 073°04'.05W	180				MRCC Talcahuano
		Main	Puerto Montt	007250230	41°39'.15S 073°10'.13W	180				MRCC Puerto Montt
			Castro							MRSC Castro
		Main	Aysén	007250300	45°24'.29S 072°43'.05W	180				MRSC Aysén
		Main	Punta Arenas	007250380	53°09'.12S 071°02'.20W	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				
		Main	Bahia Fildes	007250450	62°11'.48S 058°55'.30W	180			MRSC Antartica Chilena	
XVI	Peru			007600121	Main	Paita	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
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

⁴ Except the area beneath latitude 69N.

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	---	Planned 2011	SD	4,6,8,12,16 MHz	24 hrs	MRCC Baku
	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)	
	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	
Italy					TBD				

(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.)	Malta	Malta Radio		35°49'.00N 014°32'.00E	Planned [1998]	PC			
	Romania	Constanta Radio	002640570	44°06'.18N 028°37'.49E	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
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
	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
	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	Portsmouth
		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	Planned [2006]	SD	4,6,8,12,16 MHz	24 hrs	San Juan
	New Orleans	003669994	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	38°03'.00S 057°32'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRSC Mar del Plata
		Comodoro Rivadavia PNA Radio	007010008	45°51'.00S 067°25'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRSC Comodoro Rivadavia
	Uruguay	Montevideo	007703870	34°52'.00S 056°19'.00W	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Uruguay
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	Mauritius National Coast Guard
	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

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		
VIII	India	Mumbai	004192203	18°55'.00N 072°50'.00E	Planned [2002]	-			Likely to be installed by end 2002	
		Chennai	004194401	13°06'.00N 080°18'.00E	Planned [2002]	-			Likely to be installed by end 2002	
		Port Blair	004194409	11°41'.00N 092°46'.00E	Operational			SRR and beyond	MRCC Port Blair	
		Porbandar	004192202	21°38'.00N 069°37'.00E	Operational			SRR and beyond	MRCC Mumbai	
		Haldia	004194404	22°02'.00N 088°06'.00E	Operational			SRR and beyond	MRCC Chennai	
		Mandapam	004194406	09°17'.00N 079°05'.00E	Operational			SRR and beyond	MRCC Chennai	
		Daman	004192201	20°25'.00N 072°52'.00E	Operational			SRR and beyond	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	4,8,12,16 MHz	24 hrs	Bandar Abbas	
		Khomeini Radio (Persian Gulf)	004225100	30°25'.00N 049°03'.00E	Operational	PS	4,8,12,16 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
	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	MRCC 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			Planned [TBDL]	SD	4,6,8,12,16 MHz	24 hrs	Manila	
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	

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.)	Republic of Korea (cont.)	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
	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	
		Honolulu	003669993	21°26'.00N 158°09'.00E	Operational	SD	4,6,8,12,16 MHz	24 hrs	
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

NAV/MET Area	Country	HF DSC Coast Stations							RCC Associated
		Name	MMSI	Position	Status of implementation	Purpose (SD*/PS)	Frequency Band*	Watch hours	
XV	Chile	Antofagasta	007250050	23°40'.00S 070°25'.00W	Operational	SD	4 MHz	24 hrs	MRCC Iquique
		Isla de Pascua	007250100	27°11'.00S 109°25'.00W	Operational	SD	4 MHz	24 hrs	MRCC Valparaiso
		Valparaiso	007251860	33°01'.00S 071°39'.00W	Operational	PS	4,6,8,12,16 MHz	24 hrs	MRCC Valparaiso
		Talcahuano	007250170	36°42'.00S 073°06'.00W	Operational	SD	4 MHz	24 hrs	MRCC Talcahuano
		Puerto Montt	007250230	41°47'.00S 073°53'.00W	Operational	SD	4 MHz	24 hrs	MRCC Puerto Montt
		Punta Arenas	007250380	53°10'.00S 070°54'.00W	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
XVIII	Canada	Iqaluit	003160023	63°43'.00N 068°33'.00W	Operational (navigation season only)		4,6,8,12,16 MHz	24 hrs	RCC Halifax / 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

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 COAST EARTH STATIONS

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	Borum	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 @ Borum	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	Emeq Haela	AOR-E	Operational	Operational		Haifa Coast Radio Station
IOR			Operational	Operational			
IV	United States	Southbury	AOR-E	Operational	Operational	Operational	USCG Norfolk
			AOR-W	Operational	Operational	Operational	
V	Brazil	Borum	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
			AOR-E	Operational	Operational	Operational	
			AOR-W	Operational	Operational	Operational	
			POR	Operational	Operational	Operational	
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	
	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	
	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

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

ANNEX 6

LIST OF RESCUE COORDINATION 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	RCC 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 Klaipėda	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	
	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				Inmarsat-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

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
II (cont.)	Canada (cont.)	JRCC Halifax	44°39'.00N 063°33'.00W	493020115	Inmarsat-C	AOR-W	Operational
	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	Caspian Sea MRCC Baku	-	-	Inmarsat-C	IOR	Planned 2011
	Bulgaria	MRCC Varna	43°11'.49N 027°55'.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	45°19'.00N 014°27'.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	Isres-1	N. I.	N. I.	N. I.	N. I.	Planned [N. I.]
		Isres-2	N. I.	N. I.	N. I.	N. I.	Planned [N. I.]
	Italy	TBD					
	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	
	Caspian Sea MRCC Astrakhan	46°20'.00N 048°00'.00E	427310985	Inmarsat-C	IOR	Operational	

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation	
		Name	Position	ID	Type	Ocean Region Accessed		
III (cont.)	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	CMCC (Cospas-Sarsat) SPOC	44°07'.00N 077°32'.00W					
		MRSC St. John's	47°34'.00N 052°42'.00W	431699931	Inmarsat-C	AOR-E	Operational	
			47°34'.00N 052°42'.00W	431699930	Inmarsat-C	AOR-W	Operational	
		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	
		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	
		MRSC Quebec	46°48'.00N 071°12'.00W	--	--	--	--	
	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				
United States	MRCC Portsmouth	36°43'.00N 076°12'.00W	430370680 & 430370670	Inmarsat-C	AOR-W & AOR-E	Operational		

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation
		Name	Position	ID	Type	Ocean Region Accessed	
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
			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
	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	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 344086261-3 344086272-4	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.)	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	
			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				NONE			
XVI				NONE			
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

ANNEX 7

NAVTEX SERVICE

International 518 kHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
I	Belgium	Oostende Radio	51°11'.00N 002°48'.00E	55	T	0310,0710,1110,1510,1910,2310	English	Operational
	Denmark (Greenland-East Coast)	Reykjavik Radio / Grindavik	63°47'.00N 022°31'.00W	450	X	0350,0750,1150,1550,1950,2350	English	Operational
	Estonia	Tallinn	59°30'.00N 024°30'.00E	250	U	0320,0720,1120,1520,1920,2320	English	Operational
	France	Niton	50°35'.00N 001°18'.00W	270	K	0140,0540,0940,1340,1740,2140	English	Operational
	Germany	Pinneberg	53°40'.22N 009°48'.35E	250	S	0310,0710,1110,1510,1910,2300	English	Operational
	Iceland	Reykjavik Radio / Saudanes	64°05'.00N 021°51'.00W	450	R	0250,0650,1050,1450,1850,2250	English	Operational
	Ireland	Valencia	51°27'.00N 009°49'.00W	400	W	0340,0740,1140,1540,1940,2340	English	Operational
		Malin Head	55°22'.00N 007°21'.00W	400	Q	0240,0640,1040,1440,1840,2240		
	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°39'.00N 005°36'.00E	450	L	0150,0550,0950,1350,1750,2150	English	Operational
		Rogaland Radio / Ørlandet	63°40'.59N 009°35'.00E	450	N	0210,0610,1010,1410,1810,2210		
		Bodø Radio	67°16'.00N 014°23'.00E	450	B	0010,0410,0810,1210,1610,2010		
		Vardø Radio	70°22'.00N 031°06'.00E	450	V	0330,0730,1130,1530,1930,2330		
		Bodø Radio o/ Svalbard (Isfjord)	78°03'.42N 013°36'.59E	450	A	0000,0400,0800,1200,1600,2000		
	Sweden	Bjuröklubb	64°28'.00N 021°36'.00E	300	H	0110,0510,0910,1310,1710,2110	English	Operational
		Gislövshammar	55°29'.00N 014°19'.00E	300	J	0130,0530,0930,1330,1730,2130		
		Grimeton	57°06'.00N 012°23'.00E	300	I	0120,0520,0920,1320,1720,2120		
	United Kingdom	Cullercoats	55°02'.00N 001°26'.00W	270	G	0100,0500,0900,1300,1700,2100	English	Operational
		Portpatrick	54°51'.00N 005°07'.00W	270	O	0220,0620,1020,1420,1820,2220		
		Niton	50°35'.00N 001°18'.00W	270	E	0040,0440,0840,1240,1640,2040		
		Oostende Radio	51°11'.00N 002°48'.00E	150	M	0200,0600,1000,1400,1800,2200		

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
II	Cameroon	Douala	N. I.	N. I.		Not yet allocated	N. I.	Planned [N. I.]
	Cape Verde	Sao Vicente Radio	16°51'.1 N 025°00'.3 W	250	U	0320,0720,1120,1520,1920,2320	English	Operational
	Côte D'Ivoire	Abidjan Radio	05°19'.34 N 004°01'.02 W					Planned
	France	Cross Corsen	48°28'.00N 005°03'.00W	300	A	0000,0400,0800,1200,1600,2000	English	Operational
	Mauritania	Nouadhibou Radio	N. I.	N. I.		Not yet allocated	N. I.	Planned [N. I.]
	Morocco	Casablanca Radio	33°36'.00N 007°38'.00W	180	M	0200,0600,1000,1400,1800,2200	English	Planned [N. I.]
	Portugal	Horta Radio	38°32'.00N 028°38'.00W	640	F	0050,0450,0850,1250,1650,2050	English	Operational
		Monsanto Radio	38°44'.00N 009°11'.00W	530	R	0250,0650,1050,1450,1850,2250		
		Madeira (Porto Santo)	N. I.	N. I.	P	0230,0630,1030,1430,1830,2230		
	Senegal	Dakar	14°46'.25N 017°20'.40W	200	C	0020,0420,0820,1220,1620,2020	English	Operational
	Spain	La Coruña	43°21'.00N 008°27'.00W	400	D	0030,0430,0830,1230,1630,2030	English	Operational
Tarifa		36°01'.00N 005°34'.00W	400	G	0100,0500,0900,1300,1700,2100			
Las Palmas		28°10'.00N 015°25'.00W	400	I	0120,0520,0920,1320,1720,2120			
III	Algeria	Bordj-El-Kiffan	36°44'.00N 003°10'.00E	150	B	even hours + 10 mn	English	Operational
	Azerbaijan	Baku	---				English	Planned 2011
	Bulgaria	Varna Radio "Varna (also broadcast information on behalf of Romania)"	43°04'.01N 027°47'.19E	350	J	0130,0530,0930,1330,1730,2130	English	Operational
	Croatia	Split (Hvar Is)	43°30'.00N 016°29'.00E	85	Q	0240,0640,1040,1440,1840,2240	English	Operational
	Cyprus	Cyprus Radio	35°03'.00N 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	Ouessant	43°06'.00N 005°59'.00E	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		
		Limnos	39°52'.00N 025°04'.00E	400	L	0150,0550,0950,1350,1750,2150		
	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	Haifa	32°49'.00N 035°00'.00E	200	P	0020,0420,0820,1220,1620,2020	English	Operational
	Italy	Roma	41°48'.00N 012°31'.00E	320	R	0250,0650,1050,1450,1850,2250	English	Operational
		Augusta	37°14'.00N 015°14'.00E	320	V	0330,0730,1130,1530,1930,2330		
		Cagliari	39°14'.00N 009°14'.00E	320	T	0310,0710,1110,1510,1910,2310		
		Trieste	45°41'.00N 013°46'.00E	320	U	0320,0720,1120,1520,1920,2320		
Malta	Malta	35°49'.00N 014°32'.00E	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			

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
III (cont.)	Spain	Cabo de la Nao (Valencia)	38°43'.00N 000°09'.00E	300	X	0350,0750,1150,1550,1950,2350	English	Operational
		Tarifa	36°01'.00N 005°34'.00W	400	G	0100,0500,0900,1300,1700,2100		
	Syria	Lattakia Radio	N. I.	N. I.	N. I.	N. I.	English	Operational
	Turkey	Istanbul	41°04'.00N 028°57'.00E	250-400	D	0030,0430,0830,1230,1630,2030	English	Operational
		Samsun	41°23'.00N 036°11'.00E	250-400	E	0040,0440,0840,1240,1640,2040		
		Antalya	36°09'.00N 032°26'.00E	250-400	F	0050,0450,0850,1250,1650,2050		
		Izmir	38°16'.00N 026°16'.00E	250-400	I	0120,0520,0920,1320,1720,2120		
		Samsun	41°23'.00N 036°11'.00E	250-400	A	0000,0400,0800,1200,1600,2000		
		Istanbul	41°04'.00N 028°57'.00E	250-400	B	0010,0410,0810,1210,1610,2010		
		Izmir	38°16'.00N 026°16'.00E	250-400	C	0020,0420,0820,1220,1620,2020		
		Antalya	36°09'.00N 032°26'.00E	250-400	D	0030,0430,0830,1230,1630,2030		
		Istanbul	41°04'.00N 028°57'.00E	250-400	M	0200,0600,1000,1600,1800,2200		
	Ukraine	Kerch	45°22'.00N 036°29'.00E	120	G	0100,0500,0900,1300,1700,2100	English	Operational
Odessa		46°29'.00N 030°44'.00E	280	C	0020,0420,0820,1220,1620,2020			
IV	Bermuda (United Kingdom)	Bermuda	32°23'.00N 064°41'.00W	280	B	0010,0410,0810,1210,1610,2010	English	Operational
	Canada	Sept-Iles	50°15'.00N 066°10'.00W	300	C	0020,0420,0320,1220,1620,2020	English & French	Operational
		Warton	44°20'.00N 081°10'.00W	300	H	0110,0510,0910,1310,1710,2110		
		Thunder Bay	48°25'.00N 089°20'.00W	300	P	0230,0630,1030,1430,1830,2230		
		Sydney	46°10'.00N 060°00'.00W	300	Q	0240,0640,1040,1440,1840,2240		
		Yarmouth	43°45'.00N 066°07'.00W	300	U	0320,0720,1120,1520,1920,2320		
		St. John's	47°30'.00N 052°40'.00W	300	O	0220,0620,1020,1420,1820,2220		
		Labrador	53°42'.00N 057°02'.00W	300	X	0350,0750,0910,1150,1550,1950,2110,2350		
		Iqaluit	63°43'.00N 068°33'.00W	300	T	0310,0710,1110,1510,1910,2310		
	Curaçao (Netherlands)	Curaçao	12°10'.00N 068°52'.00W	400	H	0110,0510,0910,1310,1710,2110	English	Operational
	Denmark (Greenland-West Coast)	Kook Island (Nuuk)	64°04'.00N 052°01'.00W	400	W	0340,0740,1140,1540,1940,2340	English	Operational
	Mexico	Veracruz	19°09'.00N 096°07'.00W	250	N. I.	N. I.	English	Planned [N. I.]
		Cozumel	20°16'.00N 086°44'.00W	250				
	United States	Miami	25°37'.00N 080°23'.00W	240	A	0000,0400,0800,1200,1600,2000	English	Operational
		Boston	41°43'.00N 070°30'.00W	200	F	0445,0845,1245,1645,2045,0045		
New Orleans		29°53'.00N 089°57'.00W	200	G	0300,0700,1100,1500,1900,2300			
Portsmouth		36°43'.00N 076°00'.00W	280	N	0130,0530,0930,1330,1730,2130			
Isabella		18°28'.00N 067°04'.00W	200	R	0200,0600,1000,1400,1800,2200			
Savannah		32°08'.00N 081°42'.00W	200	E	0040,0440,0840,1240,1640,2040			

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation	
IV (cont.)	Venezuela	N. I.							Planned [1999]
V	NONE								
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°03'.00W	280	N	0210,0610,1010,1410,1810,2210			
		Comodoro Rivadavia	45°51'.00S 067°25'.00W	280	O	0220,0620,1020,1420,1820,2220			
		Bahia Blanca	38°43'.00S 062°06'.00W	280	P	0230,0630,1030,1430,1830,2230			
		Mar del Plata	38°03'.00S 057°32'.00W	280	Q	0240,0640,1040,1440,1840,2240			
	Buenos Aires	34°36'.00S 058°22'.00W	560	R	0250,0650,1050,1450,1850,2250				
Uruguay	La Paloma	34°40'.00S 054°09'.00W	280	F	0050,0450,0850,1250,1650,2050	English	Operational		
VII	Namibia	Walvis Bay	23°03'.00S 014°37'.00E	378	B	0010,0410,0810,1210,1610,2010	English	Operational	
	South Africa	Cape Town Radio	33°40'.00S 018°43'.00E	300	C	0020,0420,0820,1220,1620,2020	English	Operational	
		Port Elizabeth Radio	34°02'.00S 025°32'.00E	300	I	0120,0520,0920,1320,1720,2120			
		Durban Radio	29°48'.20S 030°48'.55E	300	O	0220,0620,1020,1420,1820,2220			
VIII	India	Mumbai	19°05'.00N 072°50'.00E	250	G	0100,0500,0900,1300,1700,2100	English	Operational	
		Chennai	13°08'.00N 080°10'.00E	250	B	0230,0630,1030,1430,1830,2230			
		Andaman Islandst Blair) - (Port Blair)	N. I.	N. I.	N. I.	N. I.			Planned
	Mauritius	Mauritius Radio, Cassis	20°11'.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 023°22'.00E	400	X	0750,1150,1550,1950,2350,0350	English	Operational	
		Kosseir	26°06'.00N 034°17'.00E	400	V	0330,0730,1130,1530,1930,2330			
	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			
	Oman	Muscat	23°36'.00N 058°30'.00E	270	M	0200,0600,1000,1400,1800,2200	English	Operational	
	Pakistan	Karachi	24°51'.00N 067°03'.00E	400	P	0230,0630,1030,1430,1830,2230	English	Operational	
Saudi Arabia	Jeddah	21°23'.00N 039°10'.00E	390	H	0705,1305,1905	English	Operational		

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
X	NONE ⁽¹⁾							
XI	China	Sanya	18°14'.00N 109°30'.00E	250	M	0200,0600,1000,1400,1800,2200	English	Operational
		Guangzhou	23°08'.00N 113°32'.00E	250	N	0210,0610,1010,1410,1810,2210		
		Fuzhou	26°01'.00N 119°18'.00E	250	O	0220,0620,1020,1420,1820,2220		
		Shanghai	31°08'.00N 121°33'.00E	250	Q	0240,0640,1040,1440,1840,2240		
		Dalian	38°52'.00N 121°31'.00E	250	R	0250,0650,1050,1450,1850,2250		
	Democratic People's Republic of Korea	Pyongyang	39°00'.00N 125°43'.00E	200	D	0030,0430,0830,1230,1630,2030	English	Operational
		Hamhung	39°50'.00N 127°41'.00E	200	E	0040,0440,0840,1240,1640,2040		
	Indonesia	Jayapura	02°31'.00S 140°43'.00E	300	A	0000,0400,0800,1200,1600,2000	English	Operational
		Ambon	03°42'.00S 128°12'.00E	300	B	0010,0410,0810,1210,1610,2010		
		Makassar	05°06'.00S 119°26'.00E	300	D	0030,0430,0830,1230,1630,2030		
		Jakarta	06°06'.00S 106°54'.00E	300	E	0040,0440,0840,1240,1640,2040		
	Japan	Kushiro	42°57'.00N 144°36'.00E	400	K	0108,0508,0908,1308,1708,2108	English	Operational
		Otaru	43°19'.00N 140°27'.00E	400	J	0051,0451,0851,1251,1651,2051		
		Yokohama	35°14'.00N 139°55'.00E	400	I	0034,0434,0834,1234,1634,2034		
		Moji	34°01'.00N 130°56'.00E	400	H	0017,0417,0817,1217,1617,2017		
		Naha	26°05'.00N 127°40'.00E	400	G	0000,0400,0800,1200,1600,2000		
	Malaysia	Penang	05°26'.00N 100°24'.00E	350	U	0320,0720,1120,1520,1920,2320	English	Operational
		Miri	04°28'.00N 114°01'.00E	350	T	0310,0710,1110,1510,1910,2310		
		Sandakan	05°54'.00N 118°00'.00E	350	S	0300,0700,1100,1500,1900,2300		
	Philippines	Manila	14°30'.00N 121°04'.00E	320	J	0130,0530,0930,1330,1730,2130	English	Planned [TBD]
		Puerto Princesa	N.I.	320	I	0120,0520,0920,1320,1720,2120		
		Davao	07°07'.00N 125°37'.00E	320	K	0140,0540,0940,1340,1740,2140		
	Republic of Korea	Jukbyeon	37°03'.00N 129°26'.00E	200	V	0330,0730,1130,1530,1930,2330	English	Operational
		Byeonsan	35°36'.00N 126°29'.00E	200	W	0340,0740,1140,1540,1940,2340		
	Singapore	Singapore POCC	01°21'.00N 103°59'.00E	400	C	0020,0420,0820,1220,1620,2020	English	Operational
	Thailand	Bangkok Radio	13°34'.00N 100°39'.00E	200	F	0050,0450,0850,1250,1650,2050	English	Operational
	United States	Guam	13°29'.00N 144°50'.00E	200	V	0100,0500,0900,1300,1700,2100	English	Operational
Viet Nam	Ho Chi Minh Ville/XVS Radio	10°23'.32N 107°08'.57E	400	X	0350,0750,1150,1550,1950,2350	English	Operational	
	Da Nang/XVT Radio	16°03'.32N 108°12'.32E	400	K	0230,0630,1030,1430,1830,2230			
Associate Member of IMO Hong Kong, China	Hong Kong, China	22°12'.57N 114°15'.03E	400	L	0150,0550,0950,1350,1750,2150	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	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
XII	Canada	Prince Rupert	54°17'.00N 130°25'.00W	300	D	0030,0430,0830,1230,1630,2030	English	Operational
		Tofino	48°55'.00N 125°32'.00W	300	H	0110,0510,0910,1310,1710,2110		
	Ecuador	Ayora Radio	00°44'50.2S 090°18'44.8W	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 [N. I.]
		Manzanillo	19°05'.00N 104°18'.00W	250				
		Salina Cruz	16°09'.00N 095°12'.00W	250				
	United States	San Francisco	37°55'.00N 122°44'.00W	350	C	0400,0800,1200,1600,2000,2400	English	Operational
		Kodiak	57°46'.00N 152°34'.00W	200	J	0300,0700,1100,1500,1900,2300		
		Honolulu	21°22'.00N 158°09'.00W	350	O	0040,0440,0840,1240,1640,2040		
		Cambria	35°31'.00N 121°03'.00W	350	Q	0445,0845,1245,1645,2045,0045		
Astoria		46°10'.00N 123°49'.00W	216	W	0130,0530,0930,1330,1730,2130			
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		
		Vladivostok	43°23'.00N 131°54'.00E	230	A	0000,0400,0800,1200,1600,2000		
		Okhotsk	59°22'.00N 143°12'.00E	300	G	0100,0500,0900,1300,1700,2100		
		Magadan	59°41'.00N 150°09'.00E	120	D	0030,0430,0830,1230,1630,2030		
XIV	NONE							
XV	Chile	Antofagasta	23°40'.00S 070°25'.00W	300	A	0400, 1200, 2000	English	Operational
					H	0000, 0800, 1600	Spanish	
		Valparaiso	32°48'.00S 071°29'.00W	300	B	0410, 1210, 2010	English	
					I	0010, 0810, 1610	Spanish	
		Talcahuano	36°42'.00S 073°06'.00W	300	C	0420, 1220, 2020	English	
					J	0020, 0820, 1620	Spanish	
		Puerto Montt	41°30'.00S 072°58'.00W	300	D	0430, 1230, 2030	English	
					K	0030, 0830, 1630	Spanish	
		Punta Arenas	53°09'.00S 070°58'.00W	300	E	0440, 1240, 2040	English	
					L	0040, 0840, 1640	Spanish	
Isla de Pascua	27°09'.00S 109°25'.00W	300	F	0450, 1250, 2050	English			
			G	0050, 0850, 1650	Spanish			
XVI	Peru	Paita	05°55'.00S 081°07'.00W	200	S	0300,0700,1100,1500,1900,2300	English	Operational
		Callao	12°03'.00S 077°09'.00W	200	U	0320,0720,1120,1520,1920,2320		
		Mollendo	17°01'.00S 072°01'.00W	200	W	0340,0740,1140,1540,1940,2340		
XX	Russian Federation	Murmansk	68°46'.00N 032°58'.00E	300	C	0020,0420,0820,1220,1620,2020	English	Operational
		Arkhangelsk	64°51'.00N 040°17'.00E	300	F	0050,0450,0850,1250,1650,2050		

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

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NAV/MET Area	Country	NAVTEX Coast Station	Position	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'.22N 009°48'.35E	250	L	0150,0550,0950,1350,1750,2150	German	Operational	
	Iceland	Reykjavik Radio / Grindavik	63°47'.00N 022°31'.00W	450	K	0140,0540,0940,1340,1740,2140	Icelandic	Operational	
		Reykjavik Radio / Saudnes	66°11'.00N 018°57'.00W	450	E	0040,0440,0840,1240,1640,2040	Icelandic	Operational	
	United Kingdom						0320,0720,1120,1520,1920,2320	English	Operational
		Portpatrick	54°51'.00N 005°07'.00W	270	C	0020,0420,0820,1220,1620,2020			
Niton		50°35'.00N 001°18'.00W	270	I	0120,0520,0920,1320,1720,2120				
II	Cape Verde	Sao Vicente Radio	16°51'.1 N 025°00'.3 W	250	P	0230,0630,1030,1430,1830,2230	Portuguese	Operational	
	France	Ouessant	48°28'.00N 005°03'.00W	300	E	0040,0440,0840,1240,1640,2040	French	Operational	
		Niton	50°35'.00N 001°18'.00W	270	T	0310,0710,1110,1510,1910,2310	French	Operational	
	Portugal	Monsanto	38°44'.00N 009°11'.00W	530	G	0100,0500,0900,1300,1700,2100	Portuguese	Operational	
		Horta	38°32'.00N 028°38'.00W	640	J	0130,0530,0930,1330,1730,2130		Planned	
		Madeira (Porto Santo)	N. I.	N. I.	M	0200,0600,1000,1400,1800,2200			
	Senegal	Dakar	14°46'.25N 017°20'.00W	200	M	0200,0600,1000,1400,1800,2200	French	Operational	
	Spain	La Coruña	N. I.	N. I.	W	0340,0740,1140,1540,1940,2340	Spanish	Operational	
		Tarifa	N. I.	N. I.	T	0310,0710,1110,1510,1910,2310			
Las Palmas		N. I.	N. I.	A	0000,0400,0800,1200,1600,2000				
III	France	CROSS La Garde	43°06'.00N 005°59'.00E	250	S	0300,0700,1100,1500,1900,2300	French	Operational	
	Iran, (Islamic Republic of)	Fereydoonkenar Radio (Caspian Sea)	36°42'.00N 052°33'.00E	250	J	0130,0530,0930,1330,1730,2130	Farsii	Operational	
	Romania	Constanta Radio	44°06'.18N 028°37'.49E	400	L	0150,0550,0950,1350,1750,2150	Romanian	Operational	
	Spain	Valencia (Cabo La Nao)	38°43'.00N 000°09'.00E	N. I.	M	0200,0600,1000,1400,1800,2200	Spanish	Operational	
		Tarifa	N. I.	N. I.	T	0310,0710,1110,1510,1910,2310			
	Turkey	Samsun	41°23'.00N 036°11'.00E	250	A	0000,0400,0800,1200,1600,2000	Turkish	Operational	
		Istanbul	41°04'.00N 028°57'.00E		B	0010,0410,0810,1210,1610,2010			
		Izmir	38°16'.00N 026°16'.00E		C	0020,0420,0820,1220,1620,2020			
		Antalya	36°09'.00N 032°26'.00E		D	0030,0430,0830,1230,1630,2030			
	Ukraine	Odessa	46°29'.00N 030°44'.00E		X	0350,0750,1150,1550,1950,2350	English	Operational	
Kerch		45°22'.00N 036°29'.00E		U	0320,0720,1120,1520,1920,2320				
IV	Canada	Sept-Iles	50°15'.00N 066°10'.00W	300	D	0035,0435,0835,1235,1635,2035	French & English	Operational	
		Sydney	46°10'.00N 060°00'.00W	300	J	0255,0655,1055,1455,1855,2255			
		Yarmouth	43°45'.00N 066°07'.00W	300	V	0335,0735,1135,1535,1935,2335	French		
		Iqaluit	63°43'.00N 068°33'.00W	300	S	0300,0700,1100,1500,1900,2300			

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
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°03'.00W	280	B	0010,0410,0810,1210,1610,2010		
		Comodoro Rivadavia	45°51'.00S 067°25'.00W	280	C	0020,0420,0820,1220,1620,2020		
		Bahia Blanca	38°43'.00S 062°06'.00W	280	D	0030,0430,0830,1230,1630,2030		
		Mar del Plata	38°03'.00S 057°32'.00W	280	E	0040,0440,0840,1240,1640,2040		
		Buenos Aires	34°36'.00S 058°22'.00W	560	F	0050,0450,0850,1250,1650,2050		
	Uruguay	La Paloma	34°40'.00S 054°09'.00W	280	A	0000,0400,0800,1200,1600,2000	Spanish	Operational
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		
XI	Democratic People's Republic of Korea	Pyongyang	39°00'.00N 125°43'.00E	200	A	0000,0400,0800,1200,1600,2000	Korean	Operational
		Hamhung	39°50'.00N 127°41'.00E	200	B	0010,0410,0810,1210,1610,2010		
	Japan	Kushiro	42°57'.00N 144°36'.00E	400	K	0108,0508,0908,1308,1708,2108	Japanese ⁽¹⁾	Operational
		Otaru	43°19'.00N 140°27'.00E	400	J	0051,0451,0851,1251,1651,2051		
		Yokohama	35°14'.00N 139°55'.00E	400	I	0034,0434,0834,1234,1634,2034		
		Moji	34°01'.00N 130°56'.00E	400	H	0017,0417,0817,1217,1617,2017		
		Naha	26°05'.00N 127°40'.00E	400	G	0000,0400,0800,1200,1600,2000		
	Republic of Korea	Jukbyeon	37°03'.00N 129°26'.00E	200	J	0130,0530,0930,1330,1730,2130	Korean	Operational
		Byeonsan	35°36'.00N 126°29'.00E	200	K	0140,0540,0940,1340,1740,2140		
	Viet Nam	Hai Phong	20°44'.00N 106°44'.00E	400	W	0340, 1540	Vietnamese	Operational
	XII	Ecuador	Ayora Radio	00°44'50.2S 090°18'44.8W	400	A	0000,0400,0800,1200,1600,2000	Spanish

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

4 MHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation
II	Côte D'Ivoire	Abidjan Radio	05°19'.34 N 004°01'.02 W					Planned
III	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 [N. I.]
		Cozumel	20°16'.00N 086°44'.00W	250				
	United States	New Orleans	29°53'.00N 089°75'.00W	N. I.	G	0300,0700,1100,1500,1900,2300	English	Planned
IX	Egypt	Serapeum (Ismailia)	30°28'.00N 023°22'.00E	400	X	0750, 1150	English	Operational
XI	Viet Nam	Haiphong	20°44'.00N 106°44'.00E	N. I.	W	0230,0630,1030,1430,1830,2230	English	Operational
XII	Mexico	La Paz	24°08'.00N 110°17'.00W	250	N. I.	N. I.	Spanish	Planned [N. I.]
		Manzanillo	19°05'.00N 104°18'.00W	250				
		Salina Cruz	16°09'.00N 095°12'.00W	250				

- NAV = NAVIGATIONAL WARNINGS
 MET = METEOROLOGICAL INFORMATION
 SAR = SEARCH AND RESCUE ALERTS
 * = NAVAREA COORDINATOR RESPONSIBLE FOR THE AREA
 ** = THE ISSUING MEMBER NOMINATED BY WMO FOR METAREA SERVICES,
 RESPONSIBLE FOR THE AREA

ANNEX 8

INTERNATIONAL SAFETYNET SERVICE

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
I	NAV	United Kingdom*	Goonhilly	AOR-E		0530, 1730	Operational
	MET	United Kingdom**	Goonhilly	AOR-E		0930, 2130	Operational
	SAR	United Kingdom	Goonhilly	AOR-E/W		As occasion demands	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**/United Kingdom	Aussaguel/Goonhilly	AOR-E/AOR-W	AREA II	0900, 2100	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	Spain*	Burum	AOR-E	AREA III	1200, 2400 + on receipt	Operational
	MET	Greece**	Thermopylae	AOR-E	AREA III	1000, 2200	Operational
	SAR	Greece	Thermopylae	AOR-E & IOR	Greek SAR region	As occasion demands	Operational
		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			

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
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 Region	As occasion 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
		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

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
VIII	NAV	India*	Pune	IOR	NAVAREA VIII	1000, 2200	Operational
		La Reunion (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
		Mauritius/La Reunion**	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
					Coastal Areas G & H	0815, 2015	Operational
					High Seas - Western	1030, 2330	Operational
					Coastal Areas F & G	0830, 2030	Operational
Perth 312	IOR	High Seas - Western	1030, 2330	Operational			
	IOR	Coastal Areas F & G	0830, 2030	Operational			

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
X (cont.)	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
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
		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

(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 MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
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 Region	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⁾
	SAR	Russian Federation	Nudol	POR	Russian Federation SAR Region	As occasion demands	Operational
XIV	NAV	New Zealand*	Burum	POR	NAVAREA XIV	0900, 2100	Operational
		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

⁽⁴⁾ Same service to METAREA XI.

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
XIV (cont.)	NAV (cont.)	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*	Southbury	AOR-W	AREA XV	0210, 1410	Operational
	MET	Chile**	Southbury	AOR-W	AREA XV	0100, 0345, 1330, 1440, 1845	Operational
	SAR	Chile	Southbury	AOR-W	Chilean SAR Region	As occasion demands	Operational
XVI	NAV	Peru*	Southbury	AOR-W	AREA XVI	0519, 1119, 1719, 2319	Operational
	MET	United States**	Southbury	AOR-W	AREA XVI	0515, 1115, 1715, 2315	Operational
	SAR	Peru	Southbury	AOR-W	Area covered by 03° 24'S 18° 21'S 120°W and coast line	As occasion demands	Operational
XVII	NAV	Canada*		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	Initial Operating Condition (1 July 2010) Full Operating Condition (June 2011)
	MET						
	SAR						

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered	Broadcast schedule (UTC)	Status of implementation
XVIII	NAV	Canada*		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						
	SAR						

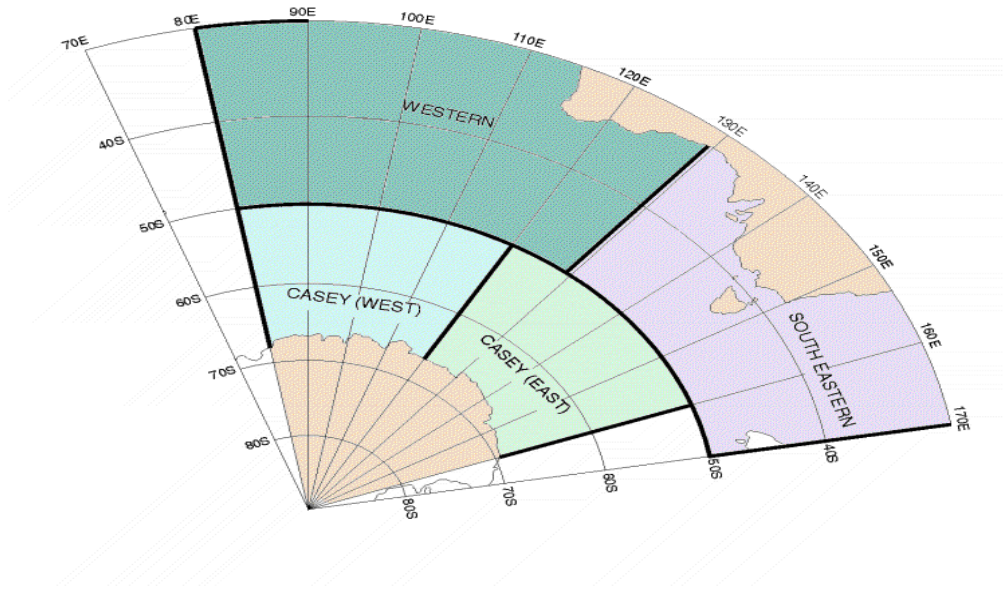
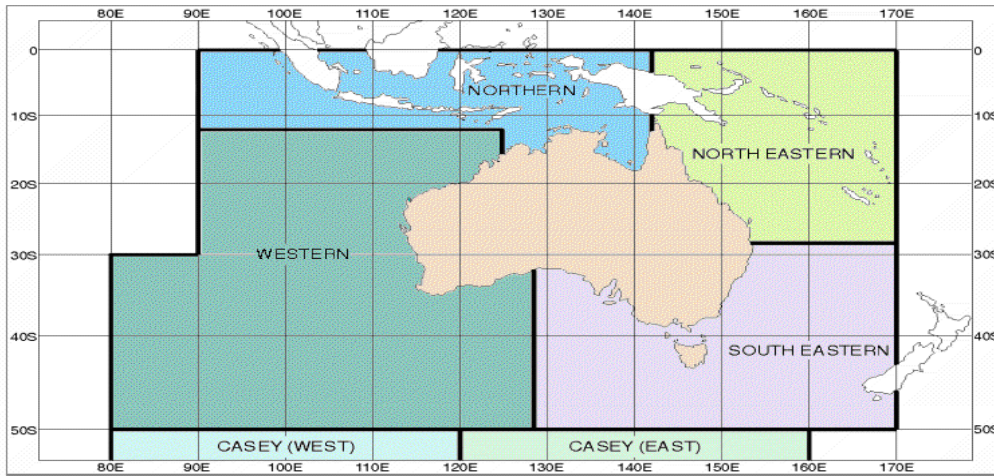


Figure 8-1 – Areas for weather forecasts in Australia

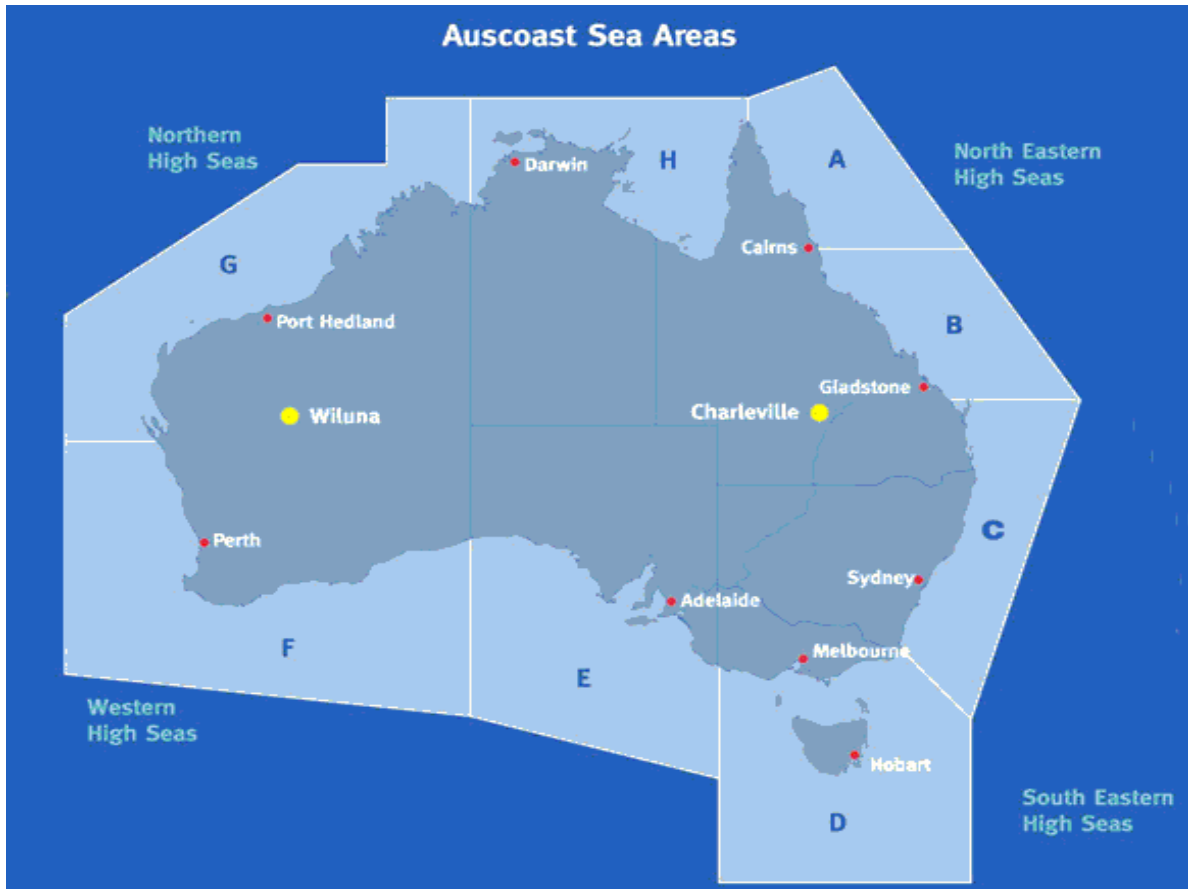
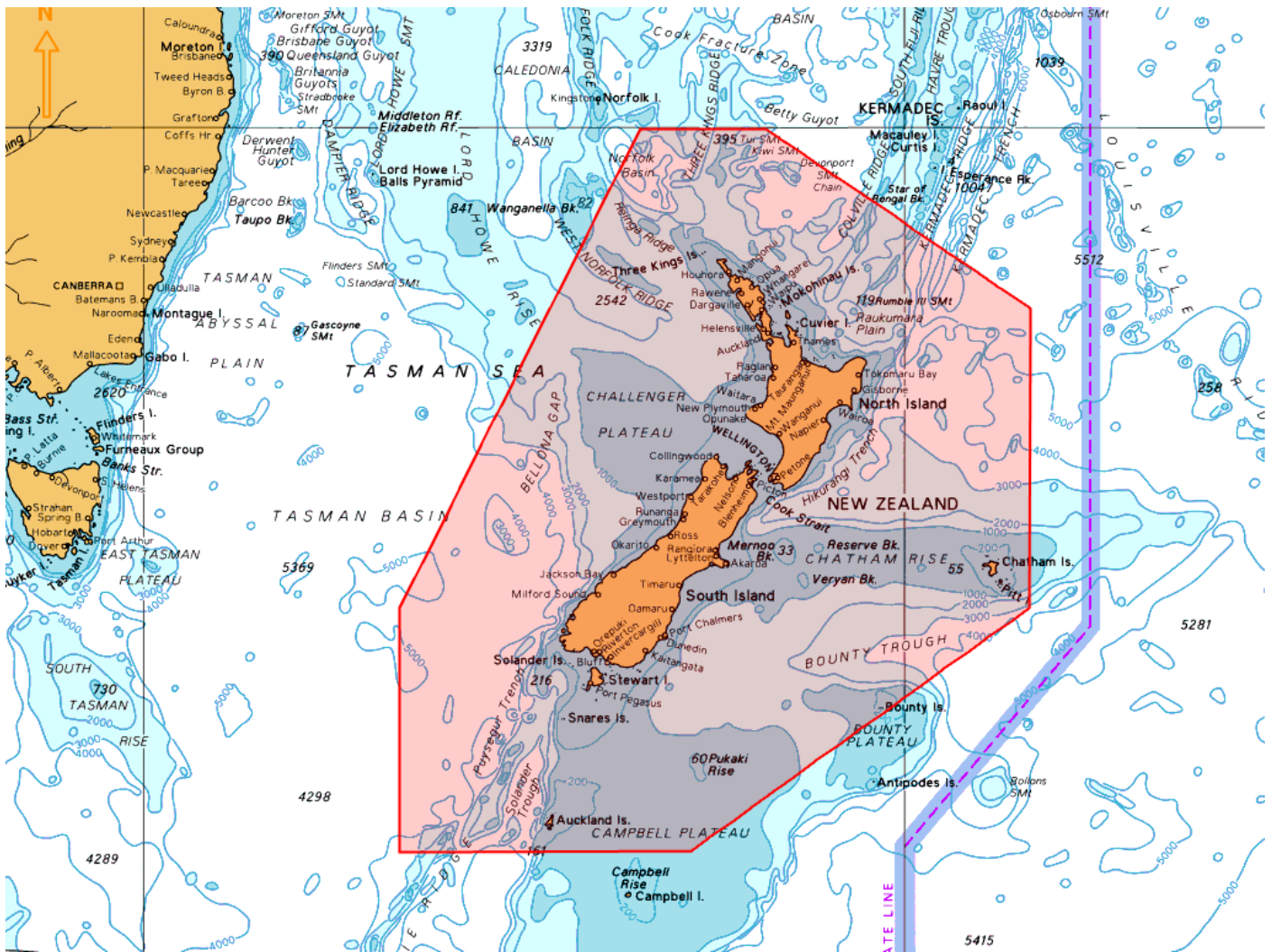


Figure 8-2 – Areas for coastal navigational warnings on SafetyNET in Australia



New Zealand SafetyNET Coastal Navigation Warning Area

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 (E)
II	France	0430, 1630	AOR (E)
III	Spain	1200, 2400 + on receipt	AOR (E)
IV	United States	1000, 2200	AOR (E) & (W)
V	Brazil	0030, 1230	AOR (E)
VI	Argentina	0200, 1400	AOR (W)
VII	South Africa	1940	IOR & AOR (E)
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, 2300	AOR (W)

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)
XVI	United States	0515, 1115, 1715, 2315	AOR (W)

* 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)	0100	(MET XV)
0030	(NAV V)	0200	(NAV VI)
0430	(NAV II & MET IV)	0210	(NAV XV)
0530	(NAV I)	0230	(MET VI)
0600	(MET VIII)	0345	(MET XV)
0730	(MET V)	0430	(MET IV)
0900	(MET II)	0515	(MET XVI)
0930	(MET I)	0519	(NAV XVI)
0940	(MET VII)	0545	(MET XII)
1000	(MET III & NAV IV)	0900	(MET II & NAV IV)
1030	(MET IV)	1000	(NAV IV)
1200	(NAV III & MET VIII)	1030	(MET IV & NAV XII)
1230	(NAV V)	1100	(NAV XVIII & NAV XVIII)
1630	(NAV II & MET IV)	1115	(MET XVI)
1730	(NAV I)	1119	(NAV XVI)
1800	(MET VIII)	1145	(MET XII)
1930	(MET V)	1330	(MET XV)
1940	(NAV & MET VII)	1400	(NAV VI)
2100	(MET II)	1410	(NAV XV)
2130	(MET I)	1440	(MET XV)
2200	(MET III & NAV IV)	1630	(MET IV)
2230	(MET IV)	1715	(MET XVI)
2400	(NAV III)	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 & 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)	0330	(MET XIV)
0700	(NAV X & MET IX)	0545	(MET XII)
0800	(NAV IX)	0700	(NAV X & MET X)
0805	(NAV XI)	0805	(NAV XI)
0830	(MET X)	0815	(MET X)
0900	(MET VIII)	0830	(MET XI & XIII)
0940	(MET VII)	0900	(NAV XIV)
1000	(NAV VIII)	0930	(NAV XIII, MET XIII & XIV)
1015	(MET XI)	1030	(NAV XII)
1030	(MET X)	1100	(MET X)
1200	(MET VIII)	1130	(NAV XVII)
1205	(NAV XI)	1145	(MET XII)
1240	(NAV VII & VIII)	1205	(NAV XI)
1330	(MET VIII)	1230	(NAV XIV)
1340	(NAV VII)	1300	(MET XIV)
1530	(NAV VII & VIII & MET XI)	1340	(NAV X & XIV)
1800	(MET VIII)	1430	(MET XI & XIII)
1900	(NAV X)	1450	(NAV XIV)
1940	(NAV & MET VII)	1530	(MET XIV)
2030	(MET X)	1745	(MET XII)
2215	(MET XI)	1900	(NAV X)
2330	(MET 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.

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)			0220 – 1420 Eastern Arctic	Under trial (Navigation season only)
			8 MHz	0320 – 1520 Western Arctic (August to October 31)	
				0420 – 1620 High Arctic (July 20 to October 20)	
Egypt	Serapeum	30°28'.00N 032°22'.00E	4 MHz	1. Frequency 4210 kHz (Time: 06:30 UTC) 2. Frequency 6314 kHz (Time: 10:30 UTC) 3. Frequency 8416.5 kHz (Time: 14:30 UTC)	
			6 MHz		
			8 MHz		
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	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 (4178,5 kHz)	1600, 0700	Operational
			4 MHz (4181,5 kHz)	24 hrs	
			8 MHz (8391 kHz)	0800, 2000 (MET) / 24 hrs	
			8 MHz (8394 kHz)	24 hrs	
			12 MHz (12527 kHz)	24 hrs	
			12 MHz (12557 kHz)	0800, 2000 (MET) / 24 hrs	
16 MHz (16806.5 kHz)	0700, 1600				

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

ANNEX 10

**LIST OF Cospas-Sarsat MCCs (MISSION CONTROL CENTRES)
AND LEOLUTs (LOCAL USER TERMINALS IN LEOSAR SYSTEM)**

Ground Segment Operator	MCC			LEOLUT		RCC Associated
	Location	Designator	Status of implementation	Location	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	Operational (LEO/GEO)	
Australia	Canberra	AUMCC	Operational	Albany	Operational	RCC Australia
				Bundaberg	Operational	
Brazil	Brasília	BRMCC	Operational	Brasília	Operational (LEO/GEO/MEO)	Salvamar / Salvaero Brazil
				Recife	Operational (LEO/GEO)	
				Manaus	Operational	
Canada		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	Operational (LEO/GEO)	Piraeus JRCC

Ground Segment Operator	MCC			LEOLUT		RCC Associated
	Location	Designator	Status of implementation	Location	Status of implementation	
India	Bangalore	INMCC	Operational	Bangalore	Operational	
				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
Peru	Callao	PEMCC	Operational	Callao	Operational	Callao

Ground Segment Operator	MCC			LEOLUT		RCC Associated
	Location	Designator	Status of implementation	Location	Status of implementation	
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)	Operational (LEO/GEO)	MSRCC Ankara
United Kingdom	Kinloss	UKMCC	Operational	Combe Martin	Operational (LEO/GEO)	MRCC Falmouth ARCC Kinloss

Ground Segment Operator	MCC			LEOLUT		RCC Associated
	Location	Designator	Status of implementation	Location	Status of implementation	
United States	Suitland	USMCC	Operational	Alaska (Dual LEOLUT system)	Operational	CG Atlantic: Portsmouth CG District 1: Boston, MA CG District 5: Portsmouth CG District 7: Miami, FL CG District 8: New Orleans, LA CG District 9: Cleveland, OH CG District 11: Alameda CG District 13: Seattle, WA CG District 14: Honolulu, HI CG District 17: Juneau, AK Fort Richardson, AK Langley AFB: Langley, VA CG Pacific: Alameda, CA
				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)

Ground Segment Operator	MCC			LEOLUT		RCC Associated
	Location	Designator	Status of implementation	Location	Status of implementation	
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

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Algeria [605]	O	X	O	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	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	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) Local: 1800-641-792 Fax: +61-2-6230-6868 (24 hours) E-mail: ausbeacon@amsa.gov.au	In real time when received during business hours

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Azerbaijan [...]		X	O	X	Address: Phone: +994124931136 Fax: +994124935339 Telex: 784142102 MRF AI E-mail: radio@caspar.az	Upon the receiving appropriate information
Bahamas (The) [308] [309]	O	X	O	X	HM Coastguard Address: Pendennis Point Falmouth United Kingdom Phone: +44-1326-317575 Fax: +44-1326-318342 Telex: 45560 (FALMCG G)	Continuous
Belgium [205]	O	X	O	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	O	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	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 [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Bulgaria [207]	X	O	X	O	Bulgarian Maritime Administration, EA Address: 9, Dyakon Ignatij str. 1000 Sofia Bulgaria Phone: +359-2-9300927 Fax: +359-2-9300920	Every month
Canada [316]	O	O	X	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	O	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	Continuously
China [412]	O	N. I.	O	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]	O	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.

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Costa Rica [321]	O	N. I.	N. I.	N. I.	Central America Search and Rescue Point of Contact Fax: +55-21-2200515 Telex: 3912137113	N. I.
Croatia [238]	O	X	O	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	O	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	Continuously
Denmark [219] [220]	O	X	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
Ecuador [735]	O	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.

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Egypt [622]	O	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
El Salvador [359]	O	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	O	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
Faeroe Islands (Denmark) [231]	O	X	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
Fiji [520]	O	O	O	O	N. I.	N. I.
Finland [230]	O	X	O	X	Finnish Communications Regulatory Authority Address: Box 313 FIN-00181 Helsinki Finland Phone: +358-9-69-661 Fax: +358-9-69-66410 E-mail: info@ficora.fi	Daily

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
France [226] [347] [227] [361] [228] [660] [329] [745]	O	X	O	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	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
Germany [211] [218]	O	X	O	X	MRCC Bremen Phone: +49-42153 6870 Fax: +49-42153 68714 Telex: 244754 or 246466 (mrccd) AFTN: EDDWYYXX 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	O	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	Weekly

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Greece (cont.)					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@ven.gr	
Greenland (Denmark) [331]	O	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	O	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]	O	N. I.	N. I.	N. I.	Satellite Communications Programmes, Department of Space Address: ISRO Headquarters, Antariksh Bhavan 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]	O	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.

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Iran, Islamic Republic of [422]					Address: Phone: Fax: Telex: E-mail:	
Ireland [250]	O	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.
Italy [247]	O	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.	O	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	O	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	O	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 [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Liberia [636]	O	X	O	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	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]	O	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	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	O	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 [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Marshall Islands [538]	O	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	Continuously
Mauritius [645]	O	X	O	X		
Mexico [345]	O	X	O	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	O	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: agentschaptelem@at-ez.nl Web: www.agentschaptelem.nl/english	Daily
New Zealand [512]	O	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 [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Nicaragua [350]	O	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	O	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]	O	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]	O	O	X	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	yearly
Philippines [548]	O	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 [261]	N. I.	N. I.	O	N. I.	Civil Aviation Office Ministry of Infrastructure Address: Ul. T. Chalubińskiego 4/6 00-928 Warsaw Poland Phone: +048-022-630 17 70 Fax: +048-022-630 14 52 Website: http://www.bip.uke.gov.pl/_gALLERY/82/42/8242.xls	N. I.

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database	
		Serial No.	MMSI	Call sign			
Portugal [204] [255] [263]	O	X	O	X	<p>Instituto Portuario e dos Transportes Maritimos Address: Edificio Vasco da Gama Rua General Gomes Araujo Cais Alcantara Mar 1399-005 Lisboa Portugal</p> <p>----- MRCC Lisboa - [For 24 hours contact] Address: Reduto Gomes Freire, Estrada da Medrosa 2780-070 Oeiras Portugal</p>	<p>Phone: +351-21-391 4500 Fax: +351-21-391 4763 E-mail: dsm.dns@imarpor.pt Cell Phone: +351-917 133 399</p> <p>Phone: +351-21-440 1919 Fax: +351-21-440 1954 Telex: 404-21-60747</p>	Daily
Republic of Korea [440] [441]	O	X	O	X	<p>Korea Coast Guard Address: 3-8 Songdo-dong Yeonsu-gu, Incheon Republic of Korea (406-741)</p>	<p>Phone: +82-32-835-2594 Fax: +82-32-858-9595 Telex: +801 24920 E-mail: komcc2@kornet.net</p>	Once a day
Romania [264]	O	X	O	X	<p>Constanta MRCC Address: Incinta Port 900900 Constanta Romania</p>	<p>Phone: +40-241-601232 +40-241-615949 Fax: +40-241-601223 +40-241-606065 Telex: 14209 CPT E-mail: mrcc@ma.ro</p>	Every 3 months
Russian Federation [273]	O	O	O	X	<p>Morsviazsputnik Address: 2, bldg. 2, Krasnobogatyrskaya str. Moscow 107564 P. O. Box 28 Russia</p>	<p>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</p>	Daily

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Senegal [663]			O		ARTP Sénégal Address: Résidence IMHOPEP 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	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: poccc@mpa.gov.sg	Monthly
Slovenia [...]					APEK Address: Stegne 7 SL-1000 Ljubiana 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.si	Regularly
South Africa [601]	O	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	O	O	Area de Inspección Radiomárítima 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: jaalonso@mfom.es	N. I.

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Suriname [765]	O	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	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 mrcggbg s AFTN: ESORYCYX E-mail: mrcc@sjofartsverket.se	Continuous
Switzerland [269]	O	O	O	O	Schweizerisches Seeschiffahrtsamt 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	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

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Turkey [271]	O	X	O	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
Ukraine [272]	O	X	O	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]	O	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]	O	O	X	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]	O	O	X	X	NOAA/SARSAT Address: E/SP3, Room 3320, FB-4 5200 Auth Road Suitland, MD 20746-4304 United States Phone: +1-301-457-5678 or +1-888-212-7283 Fax: +1-301-568-8649 Telex: 230-7400649 Online registration: http://beaconregistration.noaa.gov	Daily

Country [MID]	Type used 406 MHz	406 MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		Serial No.	MMSI	Call sign		
Vanuatu [576]	O	X	O	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.
Venezuela [775]	O	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 Hong Kong, China [477]	O		O	O	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

ANNEX 12

LIST OF 24 HOURS POINTS OF CONTACT FOR
MARITIME MOBILE SERVICE IDENTITIES (MMSI) SHIP'S IDENTIFICATION

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 Ministère 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]	HM Coastguard Address: Pendennis Point Falmouth, TR11 4WZ United Kingdom	Phone: +44-1326-317575 Fax: +44-1326-318342 Telex: 45560 (FALMCG G)	Continuous	Continuous	
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 www.strategis.ic.gc.ca/epic/internet/insmet-gst.nsf/vwGeneratedInterE/sf01742e.html	Phone: Fax: E-mail:		Monthly	

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
Faeroe Islands (Denmark) [231]	Thorshaven Radio	Phone: +45-29 81 29 65 Telex: +81200		
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: +358-204 1001 Fax: +358-2-250 0950 Telex: +57-62249 (MRCC FI) Inmarsat-C: 423002211 (AOR-E)	N. I.	Twice a year
France [226] [227] [228] Guadeloupe [329] Martinique [347] Saint Pierre et Miquelon [361] Réunion [660] French Guiana [745]	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 Schiffbrüchiger 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: EDDWYYX 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.

Country [MID]	24 hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Iceland [251]	MRCC Reykjavik	Phone: +354-545 2100 Urgency: +354-511 3333 Fax: +354-545 2001 E-mail: sar@lhq.is (Open 24 hrs.)	N. I.	N. I.
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
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: ul. Rozhdestvenka, 1, build.1 109012 Moscow 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 IMHOPTÉP 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.si	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: mrcc@sjoefartsverket.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, 9 th 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 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

ANNEX 13

MSC.1/Circ.1382

- 1 The Maritime Safety Committee, at its eighty-eighth session (24 November to 3 December 2010), 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 fourteenth session.
- 2 The revised questionnaire contains the revision of MSC/Circ.684, taking into account changes in the provision of several services as well as the evolution of the database over the years.
- 3 Member Governments, including those which have submitted answers to MSC/Circ.684, 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/Circ.684.

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 F77			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 fulltime 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

2.3.1 The following formula should be used to calculate the range A in nautical miles:

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

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:

<i>H</i> <i>h</i>	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 fulltime 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

The 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 of 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 fulltime 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	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation

* 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	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation

ANNEX 7 (cont.)

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	Range (NM)	B1 Character	Transmission times (UTC)	Language	Status of implementation

APPENDIX

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 band with - 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 intend to 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 Indicate detail of International SafetyNET Service

NAV/MET Area	Type of MSI	Country	LES	Ocean Area	Area Covered ⁽¹⁾	Broadcast schedule (UTC)	Status of implementation
	NAV						
	MET						
	SAR						
	Coastal warning				⁽²⁾		

(1) Service area covered in NAV/MET information
 (2) Provide a map indicating Area covered and B1 characters

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			LEOLUT		RCC Associated
	Location	Designator	Status of implementation	Location	Status of implementation	

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?
