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GMDSS/Circ.8/Corr.2  
22 June 2000

**MASTER PLAN OF SHORE-BASED FACILITIES FOR THE  
GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM  
(GMDSS MASTER PLAN)**

- 1 Amendments to GMDSS/Circ.8, as amended, are given in the annexes.\*
- 2 The above circular is issued in loose-leaf format and the indicated pages of each annex to GMDSS/Circ.8 should be replaced by the attached updated information, as follows:

annex 1:	pages 1 to 4
annex 2:	all pages
annex 3:	all pages
annex 4:	all pages
annex 5:	all pages
annex 6:	all pages
annex 7:	all pages
annex 8:	pages 1 to 6
annex 9:	all pages
annex 10:	all pages
annex 12:	all pages
annex 13:	all pages

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\* Note: Following pages which include graphics are not amended in this corrigendum due to the recent changes of graphic software being used by the Secretariat:  
- annex 1: pages 5 to 8 and 11; and  
- annex 11: all pages.  
They will be replaced in future corrigenda.



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 <sup>1</sup>			INMARSAT CES <sup>2</sup>					NAVTEX <sup>3</sup>	SafetyNET <sup>4</sup>			HF NBDP	MCC	LUT <sup>5</sup>
	A1	A2	A3&4	A	B	C	E			NAV	MET	SAR			
Algeria														O	O
Angola	P	P	P												
Argentina	O	O	O						O	O	O	O	O		
Australia		O	O	O	O	O	O	O		O	O	O		O	O
Bahrain									O						
Belgium	O	O							O & T						
Benin	P	P													
Bermuda (United Kingdom)	O	O						O	O						
Brazil	P			O		O			P	O	O	O		O	O
Bulgaria	P	O						P	O						
Cameroon	P	P							P						
Canada	P	P	P		O				O					O	O
Cape Verde	P	P	P						P			O			
Chile	O & P	O & P	O						O	O	O	O		O	O
China	P	P	P	O	T	O		O	O		O			O	O
Comoros	P	P													
Congo	P	P	P												
Côte D'ivoire	P	P	P												
Croatia	O							P	O						
Cuba															
Cyprus	O	O	O						O						
Democratic Republic of the Congo	P	P													
Denmark	O	O	O			O									
Djibouti	P	P													

COUNTRY	COAST STATIONS							SES for RCC	MSI BROADCAST SERVICE					COSPAS-SARSAT	
	DSC <sup>1</sup>			INMARSAT CES <sup>2</sup>					NAVTEX <sup>3</sup>	SafetyNET <sup>4</sup>			HF NBDP	MCC	LUT <sup>5</sup>
	A1	A2	A3&4	A	B	C	E			NAV	MET	SAR			
Ecuador	O														
Egypt	P	P	P	O				O	O & P				P		
Equatorial Guinea	P														
Estonia	O	O						P	O						
Fiji		O	O												
Finland	O	O						P							
France	O	O		O	O	O			O	O	O	O		O	O
Gambia	P														
Germany	O			O	O	O	O	O				P			
Ghana	O	P	P												
Greece	O&P	O & P	O & P	O	O	O		O	O		O	O	P	P	P
Greenland (Denmark)		O							P						
Guam (United States)	P	P													
Guinea	P	P													
Guinea Bissau	P	P													
Iceland		O	P						O						
India			P	O	O	O			O	T	O	P		O	O
Indonesia	P	P	P		O				O			O	P	O	O
Iran	O			O		O			P				O		
Ireland		O						P	P						
Israel								P	T						
Italy	P	P	P	O	O	O		P	P					O	O
Jamaica	P	P						P							
Japan	P	O	O	O	O	O		P	O	O	O	O		O	O
Jordan	P	P	P												
Kenya	P	P													

COUNTRY	COAST STATIONS							SES for RCC	MSI BROADCAST SERVICE					COSPAS-SARSAT	
	DSC <sup>1</sup>			INMARSAT CES <sup>2</sup>					NAVTEX <sup>3</sup>	SafetyNET <sup>4</sup>			HF NBDP	MCC	LUT <sup>5</sup>
	A1	A2	A3&4	A	B	C	E			NAV	MET	SAR			
Latvia	O	O						O							
Liberia	P	P	P												
Madagascar	P	P													
Malaysia	P	P		O	O				O			O			
Malta	P	P	P						O						
Mauritania	P	P							P						
Mauritius	O	O	P						O						
Mexico	P	O & P	P						P						
Morocco									P						
Mozambique	P	P	P												
Myanmar	P	P	P												
Namibia									O						
Netherlands	O	O		O	O	O		P	O			P			
New Zealand			P							O	O	O		O	O
Norway	O	O		O	O	O		O	O			O		O	O
Oman	P	P	P						O						
Pakistan	P								T	O	P	P		P	O
Peru	P	P	P						O & T	O		O		O	O
Philippines	P	P	P					P	P						
Poland	O	O & P	P	O											
Portugal	P	P	P			O		P	O						
Republic of Korea	O & P	O & P	O & P	O		O			O					O	O
Romania	O	O													
Russian Federation	O&P	O&P		O					O & P	P	O			O	O
Sao Tome and Principe	P														
Saudi Arabia	P	P	P	O					O					P	P
Senegal	P	P	P												

COUNTRY	COAST STATIONS							SES for RCC	MSI BROADCAST SERVICE					COSPAS-SARSAT	
	DSC <sup>1</sup>			INMARSAT CES <sup>2</sup>					NAVTEX <sup>3</sup>	SafetyNET <sup>4</sup>			HF NBDP	MCC	LUT <sup>5</sup>
	A1	A2	A3&4	A	B	C	E			NAV	MET	SAR			
Seychelles	P	P	P												
Sierra Leone	P	P	P												
Singapore	O	O		O	O	O			O	O	O	O		O	O
Slovenia	O														
South Africa			O			O			O	O	O	O		P	P
Spain	P	O	O						O & T	O			O	O	O
Sudan	P	P	P												
Sweden	O	O						O	O						
Tanzania	P	P	P												
Thailand	P	P	P		O	O		P	O					P	P
Togo	P														
Tonga												P			
Turkey	O	O & P	O	O		O		P	O						
Ukraine	O			O					O						
United Arab Emirates	P	P	P		O										
United Kingdom	O	O		O	O	O	O	O	O	O	O	O		O	O
United States	P	O & P	O & P	O	O	O	O		O & P	O	O	O	O	O	O
Uruguay	P	P	P												
Venezuela	P	P							P				P		
Vietnam	P	O & P	O & P						P						
Associate Member of IMO Hong Kong, China	O	O	O	O	O			O	O	O	O	O		O	O

- (1) See Figure 1-1 for approximate locations of operational and planned Sea Areas A1, A2 and the DSC HF coast stations.
- (2) See Figure 1-2 for locations of Inmarsat CESs.
- (3) See Figure 1-3 for approximate locations of operational and planned NAVTEX stations.
- (4) See Figure 1-4 for status of the International SafetyNET Services.
- (5) See Figure 1-5 for satellite visibility area of existing LUTs.
- (6) Operated by Australia.

C = Public correspondence  
SD = Safety and Distress  
PS = Public correspondence & 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 [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
I	Belgium	Main	Antwerpen Radio	002050485	51 13N 04 23E	25	Operational	PS	24 hrs	Oostende
		Main	Oostende Radio	002050480	51 11N 02 48E	25				
	Denmark	Main	Lyngby Radio	002191000	-	-	Operational	PS	24 hrs	SOK, Aarhus
		Monitor	Kobenhavn		55 41N 12 36E	29				
			Vejby		56 04N 12 07E	30				
			Roesnaes		55 44N 10 56E	35				
			Anholt		56 42N 11 35E	28				
			Fornaes		56 26N 10 56E	32				
			Vejle		55 40N 09 30E	42				
			Als		54 57N 09 33E	41				
			Karleby		54 52N 11 11E	36				
			Mern		55 03N 11 59E	45				
			Aarsballe		55 08N 14 52E	42				
			Laesoe		57 17N 11 03E	34				
			Frejlev		57 00N 09 49E	44				
			Main	Blaavand Radio	002192000	55 33N 08 06E				
	Monitor	Skagen		57 44N 10 34E	29					
		Hirtshals		57 31N 09 57E	31					
		Hanstholm		57 06N 08 39E	34					
		Bovbjerg		56 31N 08 10E	34					
Main	Torshavn Radio (Færoes)	002311000	-	-	Operational	PS	24 hrs	Torshavn		
	Monitor	Torshavn		62 01N 06 49W					56	
		Fugloy		62 20N 06 19W					68	
		Mykines		62 06N 07 35W					64	
		Suderoy		61 25N 06 44W					57	

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated			
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70				
	Estonia	Main	Tallinn	002760100	59 24N 24 40E	20	Operational	SD	24hrs	MRCC Tallinn			
		Monitor	Toila	002761000	59 25N 27 31E	32		PS					
			Eisma		59 33N 26 17E	30							
			Aabla		59 35N 25 31E	30.							
			Suurupi		59 27N 24 22E	30							
			Dirhami		59 12N 23 30E	30							
			Kopu		58 55N 22 12E	35.							
			Orissaare		58 33N 23 40E	35							
			Undva		58 29N 21 59E	30							
			Torgu		57 58N 22 04E	28							
			Ruhnu		57 48N 23 14E	28							
		Tostamaa		58 18N 23 59E	30								
	Finland	Main	Turku	002300230	-	-	Operational	SD	24 hrs	MRCC Turku			
		Monitor	Kemi		65 49N 24 32E	30.0				MRSC Vaasa 002303000			
			Hailuoto		65 02N 24 36E	27.4							
			Kalajoki		64 18N 24 11E	47.0							
			Kokkola		63 50N 23 10E	34.0							
			Raippaluoto		63 22N 21 19E	31.8							
			Kristiinankaupunki		62 16N 21 24E	35.6							
Pori			61 36N 21 27E	15.9									
Rauma			61 08N 21 33E	28.2									
Uusikaupunki			60 48N 21 23E	31.8									
Geta			60 23N 19 51E	37.6									
									MRCC Turku 002301000				
										Brandö		60 24N 21 03E	25.2
										Utö		59 47N 21 22E	22.7
										Järsö		60 01N 20 00E	35.6
										Korppoo		60 10N 21 33E	30.3

1 In reserve. The Operational centre of the VHF/MF system will be located in the MRCC Tallinn.



NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Naantali		60 27N 22 03E	32.5				MRSC Helsinki 002302000
			Hanko		59 50N 22 56E	25.9				
			Porkkala		59 59N 24 26E	30.0				
			Santahamina/Helsinki		60 09N 25 02E	30				
			Sondby		60 16N 25 51E	25.9				
			Kotka		60 29N 26 53E	28.7				
			Virolahti		60 36N 27 50E	32.5				
	France	Main	Gris Nez	002275100	50 52N 01 35E	23	Operational	SD	24 hrs	MRCC Gris Nez
		Monitor	Dunkerque		51 03N 02 21E	22				
			Saint Frioux		50 40N 01 35E	38				
			L'Ailly		49 55N 00 57E	28				
		Main	Jobourg	002275200	49 44N 01 54W	42				MRCC Jobourg
		Monitor	Antifer		49 41N 00 09E	33				
			Ver-sur-Mer		49 20N 00 34W	27				
			Gatteville		49 42N 01 16W	26				
			Granville		48 52N 01 35W	26				
			Roches Douvres	49 06N 02 49W	25					
		Main	Corsen	002275300	48 24N 04 47W	27				MRCC Corsen
		Monitor	Cap Frehel		48 41N 02 19W	28				
			Batz		48 44N 04 01W	27				
			Stiff Ouessant		48 28N 05 03W	33				
Bodic	48 48N 03 05W		25							
	Pointe du Raz	48 02N 04 43W	24							
Germany	Main	Bremen Rescue Radio	002111240	53 05N 08 48E	25	Operational	SD	24 hrs	MRCC Bremen	
	Monitor	Rügen		54 21N 13 45E	27					
		Arkona		54 34N 13 36E	31					
		DarB		54 24N 12 27E	30					
		Rostock		54 10N 12 06E	33					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Kiel		54 18N 10 07E	37				
			Lübeck		54 13N 10 43E	46				
			Flensburg		54 44N 09 30E	29				
			Norddeich		53 34N 07 06E	24				
			Cuxhaven		53 50N 08 39E	24				
			Helgoland		54 11N 07 53E	33				
			Sylt		54 55N 08 18E	28				
			Elderstedt		54 20N 08 47E	24				
			Hamburg		53 33N 09 58E	44				
Ireland	Main	MRCC Dublin	002500300	-		Operational	N.I.	N.I.	MRCC Dublin	
	Monitor	Dublin	002500300	53 23N 006 04W	40					
		Wicklow Head		52 58N 006 00W	30					
		Rosslare		52 19N 006 34W	44					
		Mine Head		52 00N 007 35W	30					
	Main	MRSC Valentia	002500200	-						MRCC Dublin (MRSC Valentia from Sep 2000)
	Monitor	Cork	51 51N 008 29W	40						
		Bantry	51 38N 010 00W	60						
		Valentia	51 52N 010 21W	54						
		Shannon	52 31N 009 36W	50						
	Main	MRSC Malin Head	002500100	-						MRSC Malin Head
	Monitor	Clifden	53 30N 009 56W	50						
		Belmullet	54 16N 010 03W	25						
Glen Head		54 44N 008 40W	47							
Malin Head		55 22N 007 16W	49							
Latvia	Main	Riga Rescue Radio	002750100	56 58N 24 05E	20	Operational	SD	24 hrs	MRCC Riga	
Netherlands	Main	Netherlands Coast Guard	002442000	52 28N 04 37E	25	Operational	SD	24 hrs	JRCC IJmuiden	
	Monitor	West Kappelle		51 31N 03 28E	25					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Goes		51 30N 03 53E	25				
			Rotterdam		51 52N 04 26E	25				
			Hook of Holland		51 59N 04 07E	25				
			Scheveningen		52 05N 04 15E	25				
			Huisdinen		52 58N 04 43E	25				
			Schiermonnikoog		53 29N 06 10E	25				
			Wieringerwerf		52 54N 05 03E	25				
			West-Terschelling		53 21N 05 12E	25				
			Continental-Shelf		53 34N 04 12E	25				
			Appingedam		53 20N 06 51E	25				
			Enkhuizen		52 44N 05 11E	25				
			Hilversum		52 11N 05 11E	25				
Norway	Main	Tjome Radio	002570100	-	-	Operational	PS	24 hrs	MRCC Stavanger	
	Monitor	Halden		59 11N 11 26E	53					
		Oslo		59 59N 10 40E	62					
		Drammen		59 40N 10 26E	24					
		Tjome		59 05N 10 25E	28					
		Porsgrunn		59 14N 09 42E	66					
		Risor		58 43N 09 12E	35					
	Main	Farsund Radio	002570200	-	-	Operational	PS	24 hrs	MRCC Stavanger	
	Monitor	Arendal		58 17N 08 28E	36					
		Kristiansand		58 04N 07 59E	36					
		Lindesnes		58 01N 07 04E	40					
		Farsund		58 04N 06 45E	29					
		Storefjell		58 09N 06 43E	52					
	Main	Rogaland Radio	002570300	-	-	Operational	PS	24 hrs	MRCC Stavanger	
	Monitor	Bjerkreim		58 38N 05 58E	66					
Stavanger		58 56N 05 43E		40						

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			Bokn		59 13N 05 26E	50				
			Haugesund		59 25N 05 20E	47				
		Main	Bergen Radio	002570400	-	-	Operational	PS	24 hrs	MRCC Stavanger
		Monitor	Stord		59 52N 05 30E	74				
			Sotra		60 19N 05 07E	53				
			Bergen		60 25N 05 22E	65				
			Knarvik		60 35N 05 20E	59				
			Grimo		60 24N 06 40E	69				
			Oseberg		60 30N 02 50E	30				
		Main	Florø Radio	002570500	-	-	Operational	PS	24 hrs	MRCC Stavanger
		Monitor	Gulen		61 02N 05 10E	73				
			Sogndal		61 14N 07 06E	93				
			Kinn		61 34N 04 47E	52				
			Bremanger		61 52N 05 00E	74				
			Raudeberg		62 00N 05 09E	38				
			Sagtennene		61 54N 06 07E	85				
			Snorre		61 27N 02 09E	31				
			Gullfaks		61 11N 02 11E	30				
		Main	Ørlandet Radio	002570600	-	-	Operational	PS	24 hrs	MRCC Stavanger/Bodø
		Monitor	Nerlandshorn		62 21N 05 33E	59				
			Hjorunganes		62 21N 06 07E	19				
			Aksla		62 29N 06 12E	41				
			Gamlemsveten		62 35N 06 19E	80				
			Molde		62 45N 07 08E	59				
			Reinsfjell		62 56N 07 56E	84				
			Kristiansund		63 07N 07 42E	34				
			Littlefonni		63 23N 08 43E	56				
			Forbordsfjell		63 32N 10 54E	66				

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			Mosvik		63 46N 10 58E	55				
			Kopparen		63 48N 09 45E	64				
			Yttervåg		64 18N 10 18E	34				
			Namsos		64 27N 11 32E	58				
			Rorvik		64 53N 11 14E	43				
		Main	Bodø Radio	002570700	-	-	Operational	PS	24 hrs	MRCC Bodø
		Monitor	Vega		65 38N 11 54E	75				
			Horva		66 01N 12 49E	57				
			Mo		66 13N 13 45E	71				
			Traenfjord		66 32N 12 49E	53				
			Meløy		66 51N 13 38E	50				
			Rønvikfjell		67 18N 14 27E	41				
			Fornesfjell		67 26N 15 27E	68				
			Værøy		67 40N 12 38E	59				
			Steigen		67 50N 15 00E	77				
			Fredvang		68 06N 13 11E	21				
			Hagskaret		68 10N 13 42E	36				
			Kvalnes		68 21N 13 57E	40				
			Svolvaer		68 24N 15 07E	18				
			Hadsel		68 33N 14 53E	61				
			Vesteraalen		68 57N 15 01E	30				
			Stamnes		68 49N 15 29E	13				
			Andenes		69 17N 16 01E	54				
			Lodingen		68 24N 15 58E	13				
			Harstad		68 48N 16 31E	36				
			Sorollnes		68 44N 16 50E	13				
			Narvik		68 28N 17 10E	48				
			Kistefjell		69 18N 18 08E	85				

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			Tromso		69 39N 18 57E	36				
			Tonsnes		69 43N 19 08E	47				
			Hillesoy		69 39N 18 00E	41				
			Sandov		70 03N 18 32E	57				
			Bjornoya		74 31N 19 01E	40				
		Main	Vardø Radio	002570800	-	-	Operational	PS	24 hrs	MRCC Bodø
		Monitor	Torsvaag		70 15N 19 30E	23				
			Trolltind		70 04N 20 26E	78				
			Skjervoy		70 01N 20 59E	37				
			Helligfjell		70 07N 22 56E	63				
			Fuglen		70 39N 21 58E	55				
			Tyven		70 38N 23 42E	57				
			Havoysund		71 00N 2436E	49				
			Honningsvaag		70 59N 25 54E	56				
			Oksen		70 58N 27 21E	51				
			Mehamn		71 03N 28 07E	49				
			Berlevaag		70 52N 29 05E	40				
			Tana		70 28N 28 13E	65				
			Baatsfjord		70 39N 29 42E	49				
			Vardo		70 20N 31 02E	40				
			Varangefjord		70 05N 29 49E	41				
		Kirkenes	69 45N 30 08E	44						
		Main	Svalbard Radio	002570900	-	-	Operational	PS	24 hrs	MRCC Bodø
		Monitor	Isfjord		78 02N 13 40E	23				
			Longyearbyen		78 15N 15 24E	21				
			Kongsvegpasset		78 45N 13 30E	78				
		Poland	Main	Szczecin /remote controlled	002610110	53 28N 14 35E	-	Operational	PS	24 hrs
Monitor	Swinoujscie			53 55N 14 15E	20					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Grzywacz		53 57N 14 30E	35				
			Kolowo		53 20N 14 40E	40				
		Main	Witowo/remote controlled	002610210	54 33N 16 32E	-				
		Monitor	Kolorzeg	002610210	53 10N 15 33E	25				
			Barzowice		54 29N 16 30E	30				
			Rowakol		54 39N 17 13E	35				
		Main	Gdynia/remote controlled	002610310	54 32N 18 32E	-				
		Monitor	Rozewie	002610310	54 50N 18 20E	25				
			Okseywie		54 32N 18 32E	30				
			Krynica Morska		54 23N 19 27E	20				
	Russian Federation	Main	Saint- Petersburg	002733700	59 53N 30 13E	27	Operational	SD	24 hrs	MRCC St. Petersburg
		Main	Vyborg	002734415	60 42N 28 43E	17.52		PS		
		Main	Kaliningrad	002734417	54 58N 19 59E	26		SD		MRSC Kaliningrad
	Sweden	Main	Göteborg	002653000	-	-	Operational	SD	24 hrs	MRCC Göteborg
		Monitor	Umeå	002653000	63 50N 19 49E	59				
			Väddö		59 58N 18 50E	37				
			Svenska Högarna		59 27N 19 30E	21				
			Stockholm		59 18N 18 10E	50				
			Skellefteå		64 46N 20 57E	49				
			Seskarö		65 44N 23 44E	24				
Luleå			65 32N 21 55E		36					
Mjällom			62 59N 18 23E		48					
Härnösand			62 36N 17 55E		40					
Sundsvall			62 24N 17 28E		40					
Hudiksvall			61 42N 16 51E		60					
Gävle			60 38N 17 08E		42					

2 Except the area with radius 1 nm from 60 26N 028 33E.

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Öregrund		60 30N 18 24E	30				
			Västerås		59 38N 16 24E	45				
			Södertälje		59 13N 17 37E	35				
			Torö		58 49N 17 51E	31				
			Norrköping		58 40N 16 28E	49				
			Gotska Sandön		58 23N 19 14E	27				
			Färö		57 52N 19 00E	30				
			Visby		57 35N 18 22E	48				
			Hoburgen		56 56N 18 13E	30				
			Västervik		57 43N 16 25E	50				
			Borgholm		56 51N 16 42E	30				
			Ölands södra		56 14N 16 27E	28				
			Karlskrona		56 14N 15 39E	32				
			Kivik		55 40N 14 09E	44				
			Trelleborg		55 29N 13 16E	36				
			Helsingborg		56 02N 12 41E	32				
			Falkenberg		56 50N 12 41E	39				
			Göteborg		57 41N 12 03E	47				
			Hunnebostrand		58 25N 11 25E	34				
			Strömstad		58 55N 11 10E	30				
Vänersborg	58 19N 12 16E	27								
Kinneulle	58 36N 13 24E	48								
Karlsborg (Vättern)	58 40N 14 34E	38								
United Kingdom	Main	Falmouth	002320014	50 08N 05 07W	20	Operational	SD	24 hrs	MRCC Falmouth	
	Monitor	Lizard	49 49N 05 12W	22						
		Scillies	45 56N 06 18W	21						
		Lands End	50 08N 05 39W	39						
		St Ives	50 13N 05 14W	14						



NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			Trevoze Head		50 33N 05 03W	24				
			Bude		50 49N 04 33W	16				
		Main	Brixham	002320013	Control site only	-				MRSC Brixham
		Monitor	Rame Head		50 19N 04 13W	25				
			East Prawle		50 13N 03 42W	30				
			Dartmouth		50 12N 03 21W	27				
			Berry Head		50 24N 03 29W	22				
		Main	Portland	002320012	Control site only	-				MRSC Portland
		Monitor	Grove		50 33N 02 25W	28				
			Bincleaves		50 36N 02 27W	10				
			Hengistbury Head		50 43N 01 46W	16				
			Allhallows		50 43N 03 00W	31				
		Main	Solent	002320011	Control site only	-				MRSC Solent
		Monitor	Boniface Down - Tx site		50 36N 01 12W	40				
			Stenbury Down - Rx site		50 37N 01 14W	40				
			Selsey Bill		50 44N 01 48W	12				
			Newhaven		50 47N 00 03W	22				
		Main	Dover- Rx site	002320010	51 08N 01 21E	29				MRCC Dover
		Monitor	West Hougham - Dover Tx site		51 07N 01 15E	34				
			Fairlight		50 52N 00 40E	29				
			Northforeland		51 22N 01 25E	20				
		Main	Thames	002320009	51 52N 01 16E	13				MRCC Thames
		Monitor	Shoeburyness		51 31N 00 46E	12				
			Bradwell		51 44N 00 53E	11				
			Bawdsey		51 52N 01 25E	22				
		Main	Yarmouth	002320008	52 36N 01 42E	11				MRCC Yarmouth
		Monitor	Lowestoft		52 29N 01 46E	11				

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			Trimingham		52 55N 01 20E	24				
			Langham		52 57N 00 57E	21				
			Hunstanton		52 57N 00 30E	18				
		Main	Humber	002320007	Control site only	-				MRSC Humber
		Monitor	Easington	002320007	55 39N 00 06E	16				
			Flamborough		54 08N 00 06W	22				
			Whitby		54 29N 00 36W	13				
			Trusthorpe		52 20N 00 17E	19				
		Main	Tyne Tees	002320006	55 01N 01 25W	18				MRSC Tyne Tees
		Monitor	Hartlepool	002320006	54 42N 01 10W	14				
			Newton		55 31N 01 37W	19				
		Main	Forth	002320005	56 17N 02 35W	16				MRSC Forth
		Monitor	St Abbs	002320005	55 54N 02 12W	38				
			Craigkelly		56 04N 03 19W	40				
		Main	Aberdeen	002320004	Control site only	-				MRCC Aberdeen
		Monitor	Gregness	002320004	57 08N 02 03W	20				
			Inverbervie		56 51N 02 16W	32				
			Peterhead		57 31N 01 46W	14				
			Windy Head		57 39N 02 14W	40				
			Banff		57 38N 02 31W	30				
			Thrumster		58 24N 03 07W	35				
			Rosemarkie		57 38N 04 05W	39				
		Foyers	57 14N 04 31W	39						
		Main	Pentland	002320002	Control site only	-				MRSC Pentland
Monitor	Noss Head	002320002	58 29N 03 03W	17						
	Dunnet Head		58 40N 03 22W	25						
	Ben Tongue		58 30N 04 24W	45						
	Durness		58 34N 04 44W	21						

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			Wideford Hill		58 59N 03 01W	39				
		Main	Shetland	002320001	60 01N 01 08W	21				MRSC Shetland
		Monitor	Compass Head		59 52N 01 16W	27				
			Fitfull Head		59 54N 01 23W	42				
			Collafirth		60 32N 01 23W	41				
			Saxa Vord		60 42N 00 50W	38				
		Main	Stornoway	002320024	Control site only	-				MRSC Stornoway
		Monitor	Butt of Lewis		58 31N 06 16W	13				
			Forsnaval		58 13N 07 00W	38				
			Sanwick		58 13N 06 21W	19				
			Rodel		57 45N 06 57W	24				
			Clettraval		55 37N 07 26W	31				
			Scoval		57 28N 06 42W	40				
			Barra		57 01N 07 30W	25				
			Melvaig		57 51N 05 47W	43				
		Main	Oban	002320023	56 25N 05 28W	11				MRSC Oban
		Monitor	Skraig		57 23N 06 14W	15				
			Arisaig		56 55N 05 50W	30				
			Glengorm		56 38N 06 08W	42				
			Tiree		56 30N 06 57W	28				
			Torosay		56 27N 05 44W	54				
		Main	Clyde	002320022	Control site only	15				MRCC Clyde
		Monitor	Law Hill		55 42N 04 50W	36				
			Rhu Stafnish		55 22N 05 32W	39				
			Kilchiaran		55 46N 06 27W	32				
			South Knapdale		55 55N 05 28W	57				
		Main	Belfast	002320021	Control site only	-				MRSC Belfast
		Monitor	Orlock Head		54 40N 05 35W	17				

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70	
			Slieve Martin		54 06N 06 10W	56					
			Black Mountain		54 35N 06 01W	48					
			West Torr		55 12N 06 05W	36					
			Portrush		55 13N 06 40W	11					
		Main	Liverpool	002320019	53 30N 03 03W	12				MRSC Liverpool	
		Monitor	Heswall		53 20N 03 06W	8					
			Blackpool Tower		53 49N 03 03W	31					
			Walney Light		54 03N 03 11W	13					
			Snaefell		54 16N 04 28W	65					
			Spanish Head		54 04N 04 46W	33					
			Caldbeck		54 44N 03 03W	18					
		Main	Holyhead	002320018	53 19N 04 38W	13					MRSC Holyhead
		Monitor	Rhiw		52 50N 04 38W	46					
			South Stack		53 18N 04 42W	33					
			Great Orme		53 20N 03 51W	38					
		Main	Milford Haven	002320017	51 42N 05 03W	18				MRSC Milford Haven	
		Monitor	Tenby		51 42N 04 41W	24					
			St Ann's Head		51 40N 05 11W	30					
			Dinas Head		52 00N 04 54W	38					
			Blaenplwyf		52 22N 04 07W	48					
		Main	Swansea	002320016	Remote Site only	-				MRCC Swansea	
		Monitor	Gower		51 32N 04 17W	22					
			Mumbles Hill		51 34N 03 59W	24					
			St Hilary		51 25N 03 24W	32					
			Severn Bridge		51 37N 02 39W	29					
			Combe Martin		51 10N 04 03W	42					
			Ilfracombe		51 13N 04 05W	22					
			Hartland Point		51 01N 04 31W	29					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70			
II	Benin	Main	Cotonou Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.			
	Cameroon	Main	Douala Radio		04 04N 09 41E	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		N.I.	70	Planned[1995]	N.I.	N.I.	Harbour Master St. Vincente		
	Congo	Main	Pointe Noire Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.			
	Côte D'ivoire	Main	Abidjan Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.			
	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 40N 03 12W	26	Operational	SD	24 hrs	MRCC Etel		
			Pen March		47 48N 04 22W	28						
		Monitor	Groix		47 39N 03 30W	24						
			Belle Ile		47 19N 03 14W	27						
			Kerrouault		47 27N 02 30W	33						
			Armandeche		46 42N 01 55W	21						
Yeu			46 43N 02 23W		24							
Main			Soulac		002275010	45 32N 01 06W					24	MRSC Soulac
		Monitor	Chassiron			46 03N 01 25W					22	
			Cap Ferret			44 37N 01 15W					22	
			Contis			43 48N 01 18W					23	
			Hourtin			45 09N 01 10W					23	
			Biarritz			43 32N 01 32W					26	
Gambia	Main	Banjul Radio		N.I.		N.I.	Planned[N.I.]	N.I.	N.I.			
Ghana	Main	Tema Radio	006270000	05 37N 00 00W		-	Operational	N.I.	24hrs	Harbour Master's Office Accra		
	Monitor	Winneba		05 21N 00 37W		60						

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Aflao		06 07N 01 11W	60				
			Tema		05 38N 00 00	60				
			Cape Coast		05 07N 01 15W	60				
			Half Assini		05 03N 02 53W	60				
			Takoradi		04 54N 01 45W	60				
			Axim		04 52N 02 14W	60				
			Ada Radio		05 47N 00 38W	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.					
Portugal	Main	Lisboa	TBD	38 41N 09 19W	30	Planned[N.I.]	SD	24 hrs	MRCC Lisbon	
	Main	Funchal		32 38N 16 54W	50				MRCC Funchal	
	Main	Delgada		37 44N 25 40W	50				MRCC Delgada	
Sao Tome and Principe	Main	Radio Naval		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.		
	Main	Radio Principe		N.I.	N.I.					
Senegal	Main	Dakar Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.		
Sierra Leone	Main	Wilberfree Hill Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.		
Spain	Main	Bilbao	002240996	43 12N 03 02W	30	Planned[1996]	SD	24 hrs		
	Main	Santander		43 25N 03 36W	30	Planned[1997]				
	Main	Gijon	002240997	43 34N 05 42W	30	Operational				
	Main	La Coruña	002240992	43 22N 08 23W	30					
	Monitor	Cabo Priorino		43 28N 08 20W	30					
	Main	Finisterre	002240993	42 42N 08 59W	40	Planned[1997]				
	Monitor	Monte Beo		43 20N 09 03W	40					
	Monte Xastas		43 02N 09 16W	40						
								La Coruña		
								Finisterre		

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70		
			Monte Taume		42 36N 09 03W	40				N.I.	
		Main	Vigo		42 10N 08 41W	30					
		Main	Cadiz			30					
		Main	Tarifa	002240994	36 01N 05 35W	30					Operational
		Main	Algeciras			30					Planned[1997]
		Main	Tenerife	002241007	28 29N 16 14W	30					Operational
		Main	Las Palmas	002240995	28 09N 15 25W	30					
		Monitor	La Isleta		28 10N 15 25W	30					
	Togo	Main	Cacavelli Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.		
		Monitor	Aneho Radio		N.I.	N.I.					
III	Bulgaria	Main	Varna Radio	002070810	43 15N 27 57E	52	Planned[12.1997]	PS	24 hrs	MRCC Varna	
		Monitor	Kaliakara Radio		43 21N 28 28E	27					
			Emona Radio		42 43N 27 32E	55					
			Papia Radio		42 06N 27 51E	61					
	Croatia	Main	Split Radio	002380100	43 30N 16 28E	70	Operational	PS	24 hrs	MRCC Rijeka	
		Monitor	Ucka		45 17N 14 12E	90					
			Kamenjak		44 46N 14 47E	50					
			Sv. Mihovil		44 04N 15 10E	40					
			Labistica		43 34N 16 13E	80					
			Vidova Gora		43 17N 16 37E	50					
			Vis		43 13N 16 07E	70					
			Uljenje		42 54N 17 29E	70					
	Srdj	43 39N 18 07E	50								
	Cyprus	Main	Cyprus Radio	002091000	35 37N 33 20E		Operational	PS	24 hrs	RCC Larnaca	
		Monitor	Pissouri		34 39N 32 41E	50				RCC Bpiscopi	
			Olympos		34 56N 32 51E	120					
			Kionia		34 55N 33 11E	100					
	Egypt	Main	Alexandria Radio	006221111	31 11N 29 51E	24	TBD	SD	24 hrs	RCC Cairo	

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70		
		Main	Port Said Radio	006221113	31 31N 30 32E	21			18 hrs (0600-0000)		
	France	Main	Agde	002275410	43 29N 06 54E	31	Operational	SD	24 hrs	MRCC La Garde MRSC Agde	
		Monitor	Pic Neoulos		42 29N 02 57E	94					
			Espiguette		43 29N 04 08E	93					
		Main	La Garde	002275400	43 06N 05 59E	23				MRCC La Garde	
		Monitor	Planier		43 12N 05 14E	25					
			Coudon		43 10N 06 10E	72					
			Pic de l'Ours	43 28N 06 54E	62						
		Main	Aspretto	002275420	41 55N 08 46E	-					MRCC La Garde MRSC Corse
		Monitor	Ersa		43 58N 09 23E	64					
			Serra Di Pigno		42 52N 09 24E	83					
			Piana		42 14N 08 38E	69					
			Punta		41 57N 08 42E	75					
			Serragia		41 31N 08 57E	58					
			Conca		41 44N 09 20E	54					
	Greece	Main	Hellas Radio	002371000	38 01N 23 50E	-	Operational	PS	24 hrs	Piraeus Joint RCC 37 58N 23 40E	
		Monitor	Gerania		38 00N 23 20E	98					
			Poros/Darditsa		37 30N 23 27E	73					
			Thassos		40 47N 24 43E	90					
			Sfendami		40 25N 22 31E	41					
			Thira		36 25N 25 26E	66					
			Chios		38 23N 26 03E	78					
			Kefallinia		38 08N 20 40E	107					
			Kerkyra		39 45N 19 52E	82					
			Kithira		36 09N 22 59E	52					
			Limnos		39 52N 25 04E	59					
			Sitia (Mare)		35 12N 26 06E	75					
			Mytilini		39 04N 26 21E	84					



NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70		
			Parnis		38 10N 23 44E	98					
			Petalidi		36 56N 21 52E	83					
			Pilio		39 22N 22 57E	104					
			Rodos		36 16N 27 56E	78					
			Syros		37 27N 24 56E	57					
			Knossos		35 17N 24 53E	87					
			Patmos		37 18N 26 32E	46					
			Moustakos		35 18N 23 37E	84					
			Tsoukalas		40 23N 23 28E	68					
			Faistos		35 00N 25 12E	84					
			Aroi/Patra		38 15N 21 46E	46					
			Astypalea		36 36N 28 26E	59					
			Karpathos		35 28N 27 10E	66					
			Brochas Kritis		35 19N 25 44E	65					
			Lichada		38 52N 22 53E	60					
			Skiros		38 50N 24 30E	68					
			Andros		37 56N 24 46E	55					Planned [mid 2000]
			Milos		36 41N 24 23E	78					Planned [end 2000]
			Italy		Main	Roma					002470001
Monitor	Conconello			45 40N 13 47E	38					MRSC Trieste	
	Piancavallo			46 05N 12 32E	92					MRSC Venezia	
	Monte Cero			45 15N 11 40E	57					MRSC Ravenna	
	Ravenna Bassette			44 24N 12 12E	20					MRSC Ancona	
	Forte Garibaldi			43 36N 13 31E	39						
	Monte Conero			43 33N 13 26E	66						
	Monte Secco			42 58N 13 52E	38						
	Silvi Paese			42 33N 14 05E	44						
	Porto Cervo			41 08N 09 32E	25					MRSC Cagliari	

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70		
			Monte Moro	002470002	41 06N 09 30E	56	Planned [N.I.]	PS	24hrs		
			Monte Limbara		40 51N 09 10E	100					
			Osilo		44 44N 08 40E	72					
			Campu Spina		39 22N 08 34E	83					
			Monte Rosso		39 13N 09 14E	19					
			Monte Serpeddi		39 22N 09 40E	87					
			Monte Cavo		41 45N 12 42E	83					MRSC Roma
			Torre Chiaruccia		42 01N 11 49E	19					MRSC Livorno
			Monte Argentario		42 23N 11 10E	67					
			Gorgona		43 25N 09 53E	44					MRSC Genova
			Monte Nero		43 23N 10 21E	50					
			Zoagli		44 19N 09 18E	37					
			Castellaccio		44 25N 08 56E	56					MRSC Catania
			Monte Bignone		43 52N 07 43E	93					
		Main	Palermo	002470002							
		Monitor	Monte Calvario	002470002	42 04N 14 36E	52	Planned [N.I.]	PS	24hrs	MRSC Ancona	
			Abbate Argento		40 04N 17 17E	50				MRSC Bari	
			Monteparano		40 26N 17 25E	35				MRSC Reggio Calabria	
			Capo Colonna		39 01N 17 09E	37					
			Punta Stilo		38 26N 16 34E	26					
			Capo dell'Armi		37 57N 15 40E	31				MRSC Palermo	
			Ustica		38 42N 13 10E	45					
			Monte Erice		38 02N 12 35E	72					
			Pantelleria		36 46N 12 01E	79					
			Lampedusa		35 30N 12 37E	25					
			Caltabellotta		37 34N 13 13E	79					
Gela	37 04N 14 14E		19								
Siracusa Belvedere	37 05N 15 12E		41								

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Augusta Campolato Alto		37 16N 15 12E	31				
			Forte Spuria		38 16N 15 37E	32				
			Cefalu'		38 01N 13 57E	56				
			Serra delTuono		40 02N 15 42E	52				
			Capri		40 33N 14 15E	50				
			Napoli Posillipo		40 48N 14 11E	36				
Malta	Monitor	Malta Radio		35 53N 14 21E	35-40	Planned[1998]	SD or PS	24 hrs		
Romania	Main	Constanta	002640570	44 07N 28 35E	19	Operational	PS	24 hrs	Constanta Hr. Master	
Russian Federation	Main	Novorossiysk	002734411	44 41N 37 47E	26	Operational	SD	24 hrs	MRCC Novorossiysk	
	Monitor	Doob		44 36N 37 58E	50					
		Anapa		44 50N 37 21E	50					
		Sochi		43 32N 39 51E	71					
		Taganrog		47 14N 38 56E	19					
		Temriuk		45 19N 37 13E	28					
	Main	Tuapse	002734413	44 06N 39 02E	46	Planned			MRSC Astrakhan	
	Main	Astrakhan (Caspian Sea)	002734419	46 19N 47 58E	22.5					
Main	Mahachkala (Caspian Sea)		42 59N 47 30E	14						
Slovenia	Main	Koper	002780200	45 32N 13 59E	86	Operational	SD	24 hrs	Koper	
Spain	Main	Almeria	002241001	36 50N 02 29W	30	Planned[6.1996]	SD	24 hrs	N.I.	
	Main	Valencia	002241004	39 27N 00 20W	30					
	Main	Tarragona	002241006	41 06N 01 14W	30	Operational			Tarragona	
	Main	Barcelona	002240991	41 20N 02 09W	30	Planned[1997]				
	Main	Cartagena	002241003	-	-					
	Main	Palma Mallorca	002241005	39 34N 02 39W	30	Planned[6.1996]				
Turkey	Main	Samsun	002712000	-	-	Operational	PS	24 hrs	Ankara	
	Monitor	Pazar		41 08N 40 49E	60					
		Hidirnebi		40 58N 39 26E	99					
		Uçpinar		41 19N 36 06E	94					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated					
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70						
			Dütmen		41 26N 35 28E	107									
			Inebolu		41 53N 33 43E	85									
			Zonguldak		41 23N 31 49E	67									
		Main	Istanbul	002711000	-	-									
		Monitor	Akçakoca	40 58N 31 12E	66										
			Keltepe	40 38N 30 05E	105										
			Sarköy	40 41N 27 01E	70										
			Camlica	41 01N 29 04E	45										
			Mahyadagi	39 58N 26 38E	85										
			Kayalidag	39 58N 26 38E	79										
			Akdag	38 33N 26 30E	92										
		Main	Antalya	002713000	-	-									
		Monitor	Dilektepe	37 39N 27 09E	93										
			Palamut	36 45N 27 03E	79										
			Yumrutepe	36 15N 29 27E	88										
			Markiz	36 43N 30 29E	80										
			Anamur	36 02N 32 45E	61										
		Cobandede	36 31N 36 15E	108											
		Ukraine	Main	Mariupol	002723650	47 04N 37 17E	23	Operational	SD		24hrs	MRCC Odessa			
		IV	Bermuda (United Kingdom)	Main	Bermuda Harbour	003100001	32 23N 64 41W	30	Operational		SD	24hrs	RCC Bermuda		
Canada	Main		Sydney	003160017	46 11 N 59 54W	40	Planned [1998]	PS	24hrs	RCC Halifax					
	Monitor		Cape North	47 01 N 60 26W	40										
			Fox Island	45 20 N 61 05W	40										
			Kilkenny Lake	46 13 N 60 10W	40										
			St Columba	46 00 N 60 51W	40										
			Cheticamp	46 35 N 61 56W	40	Planned [2000]									
Point Escuminac	47 04 N 64 48W	40													

NAV/MET Area	Country	VHF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)		Watch hours on CH70
			North Cape		47 03 N 64 00W	40				
			Cape Egmont		46 24 N 64 08W	40				
			Montague		46 12 N 62 40W	40				
		Main	Stephenville	003160018	48 33 N 58 46W	40	Planned [1999]			
		Monitor	Port aux Basques		47 34 N 59 08W	40				
			Pinetree		48 35 N 58 40W	40				
			Ramea Island		47 31N 57 25W	40				
			Point Riche		50 42N 57 25W	40	Planned [2001]			
		Bonne Bay	49 36N 57 57W		40					
		Mount Moriah	48 58N 58 03W		40					
		Main	Cap aux Meules		003160024	47 23N 61 52W	40	Planned [1999]		
		Main	Riviere au Renard	003160025	49 01 N 64 24W	40				
		Monitor	Forillon		48 50N 64 16W	40				
			Heath Point		49 05N 61 42W	40				
			Havre St Pierre		50 16N 63 41W	40				
			Natashquan		50 09N 61 48W	40				
			La Romaine		50 13 N 60 41W	40				
		Harrington Harbour	50 30 N 59 29W		40					
		Main	Placentia	003160019	47 17N 54 00W	40				
		Monitor	Fortne Head		47 04N 55 51W	40				
			St Lawrence		46 55 N 55 22W	40				
			Arnold's Cove		47 46 N 54 00W	40				
			Freshwater Hill		47 15N 53 58W	40				
Cuslett	46 58N 54 09W		40							
Cape Pine	46 37N 53 32W	40								
Main	Halifax	003160016	-	-						
Monitor	Ecum Secum		44 58N 62 09W	40						
	Shannon Hill		44 41N 63 37W	40						

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated				
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70					
			Ketch Harbour		44 28N 63 37W	40								
			Kingsburg		44 17N 64 17W	40								
		Main	Saint John (Fundy)	003160015	45 14N 65 59W	40								
		Monitor	Lockport		43 40N 65 08W	40								
			Yarmouth		43 44 N 66 07W	40								
			Tiverton		44 23N 66 13W	40								
			Grand Manan		44 36N 66 54W	40								
			Red Head		45 14N 65 69W	40								
			Cape Blomidon		45 13N 64 24W	40								
			Scotch Mountain		45 46N 65 47W	40								
		Main	St John's (Robin Hood Bay)	003160020	47 37N 52 40W	40					Planned [2000]			
		Monitor	Victoria		47 47N 53 17W	40								
			Capr Bonavista		48 42N 53 05W	40								
			Lumsden		49 17N 53 35W	40								
		Main	St Anthony	003160021	51 30N 55 50W	40								
		Monitor	Twillingate		49 41N 54 48W	40								
			Coimfort Cove		49 15N 54 53W	40								
			Conche		50 54N 55 53W	40								
			L'Anse aux Meadows		51 34N 55 30W	40								
		Fox Harbour		52 22N 55 40W	40									
Jamaica	Main	HMJS Cagway Port Royal	N.I.	-	-	Planned [01. 2000]	SD	24hrs	Jamaica Defence Force					
	Monitor	Catherine's Peak		18 03N 76 42W	112									
		Flower Hill		18 59N 77 51W	70									
		Huntley		18 05N 78 15W	92									
Mexico	Main	Tamnico	003450110	22 13N 97 51W	40	Operational	PS	24 hrs	Zona Naval					
	Monitor	Veracruz	003450310	19 09N 96 07W	40									
		Chetumal	003451120	18 30N 88 17W	40									
		Cozumel	003451110	20 25N 86 46W	40									

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Cd.Del Carmen	003450710	18 08N 92 07W	40	Planned[30.11.2000]			
			Progreso	003450910	20 54N 90 12W	40				
			Coatzacoalcos.	003450320	18 10N 94 25W	40				
			La Pesca	003450120	23 03N 98 00W	40				
			Tuxpan	003450330	20 08N 98 03W	40				
			Campeche	003450720	19 25N 90 02W	40				
			Puerto Juarez	003451130	21 02N 87 13W	40				
	United States		TBD				Planned[N.I.]			
	Venezuela		TBD				Planned[1999]			
V	Brazil	Main	Rio Radio		32 57S 43 40W	30	Planned[TBD]	SD	24 hrs	Salvamar Sueste (Rio de Janeiro)
		Main	Santos Radio		23 59S 46 18W	30				
		Main	Vitoria Radio		20 18S 40 20W	30				
		Main	Port Alegre Radio		30 04S 61 10W	30				
	Uruguay	N.I.	Colonia Radio		34 28S 57 51W	N.I.	Planned[N.I.]	N.I.	N.I.	
		N.I.	Montevideo Radio		34 56S 56 10W	N.I.				
		N.I.	Punta del Este Radio		N.I.	N.I.				
		N.I.	La Paloma Radio		34 39S 54 08W	N.I.				
N.I.	Santa Teresa Radio			N.I.						
VI	Argentina	Main	Argentina Radio	007010111	34 36S 58 28W	35	Operational	PS	24 hrs	RCC Buenos Aires
		Main	Mar del Plata	007010221	38 03S 57 32W	35		SD		
VII	Angola	Main	Luanda Radio		N.I.	N.I.	Planned[N.I.]	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.		

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
VIII	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		N.I.	N.I.	Operational	N.I.	N.I.	
		Monitor	Albion	006452700	20 13S 57 24E	25		PS	24 hrs	
			Belle Mare		20 11S 57 46E					
			Cap Malheureux		19 59S 57 36E					
	Souillac			20 31S 57 31E						
	Myanmar		TBD				Planned[1995]			
	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 06N 34 17E	21	TBD	SD	18 hrs (0600-0000)	RCC Cairo
	Iran	Main	Khark (Island)	004225306	29 16N 50 15E	25 to 30	Operational	PS	24 hrs	HQ PSO Tehran
		Main	Khorramshahr	004225309	30 20N 48 23E					
		Main	Lengeh	004225307	26 33N 54 53E					
		Main	Bander Abbas	004225304	27 07N 56 04E					
		Main	Bahonar	004225308	27 18N 57 17E					
		Main	(B.I.) Khomeini	004225300	30 30N 49 09E					
		Main	Bushehr	004225302	28 58N 50 50E					
		Main	Anzali (Caspian Sea)	004225305	37 25N 49 20E					
		Main	Nowshahr (Caspian Sea)	004225303	36 40N 51 30E					
	Jordan	Main	Aqaba Radio	004381234	29 27N 34 58E	25	Planned[N.I.]	PS	24 hrs	Harbour Master, Aqaba
Monitor		Aqaba Port Control		29 30N 34 59E	25					



NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
	Oman	Main	Muscat		23 36N 58 30E	25 to 30	Planned[N.I.]	PS	N.I.	HQ Royal Air Force of Sultanate of Oman
	Pakistan	Main	Karachi	004634060	24 52N 67 01E	40	Planned[2.1998]	N.I.	N.I.	
		Main	Ormara	004634056	25 12N 64 38E	40	TBD			
		Main	Gwadar	004634052	25 08N 64 20E	40				
	Saudi Arabia	Main	Damman Radio		26 26N 50 06E	N.I.	Planned[N.I.]	N.I.	N.I.	
		Main	Jeddah Radio		21 23N 39 10E	N.I.				
	Sudan	Main	Jebel Erba Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	United Arab Emirates	Main	Emirates Radio		-	-	Planned[End 1995]	N.I.	N.I.	
		Monitor	Abu Dhabi Radio		24 28N 54 22E	N.I.				
			Fujeirah Radio		25 04N 56 21E	N.I.				
			Jebal Ali Radio		25 02N 55 06E	N.I.				
			Khor Fakkan Radio		25 21N 56 22E	N.I.				
			Ras Al Khaimah Radio		25 47N 55 59E	N.I.				
			Jebal Dhana Radio		24 06N 52 44E	N.I.				
			Umm Al Quwain Radio		25 32N 55 32E	N.I.				
			Zirku Radio		24 53N 53 04E	N.I.				
X	NONE									
XI	China	Main	Dalian Radio	004121300	38 50N 121 31E	25	Planned[End 1998]	PS	24 hrs	Liaoning MRCC
		Main	Fuzhou Radio	004122600	26 02N 119 18E	25				Fujian MRCC
		Main	Guangzhou Radio	004123100	23 08N 113 29E	25				Guangdong MRCC
		Main	Haikou Radio	004123500	20 01N 110 17E	25				Haikou HSA
		Main	Lianyungang Radio	004122300	34 42N 119 18E	25				Lianyungang MRCC
		Main	Ningbo Radio	004122400	30 01N 121 30E	25				Ningbo HSA
		Main	Qingdao Radio	004122200	36 10N 120 28E	25				Qingdao MRSC
		Main	Quinhuangdao Radio	004121200	39 53N 119 31E	25				Hebei MRCC
		Main	Shanghai Radio	004122100	31 06N 121 32E	25				Shanghai MRCC
		Main	Tianjin Radio	004121100	39 03N 117 25E	25				Tianjin MRCC

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		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
		Main	Xiamen Radio	004122700	24 35N 118 06E	25				Xiamen MRSC
		Main	Yantai Radio	004121400	37 32N 121 22E	25				Yantai MRSC
		Main	Zhanjiang Radio	004123300	21 09N 110 21E	25				Zhanjiang RSC
	Guam (United States)	Main	Guam	003669994	13 29N 144 50E	N.I.	Planned[1999]	SD	24 hrs	Honolulu
	Indonesia	N.I.	Ambon		03 41W 128 10E	N.I.	Planned[N.I.]	PS	N.I.	MRSC Ambon
		N.I.	Atapupu		09 01S 124 51E	N.I.				MRSC Kupang
		N.I.	Balikpapan		01 16S 116 48E	N.I.				MRSC Balikpapan
		N.I.	Banabungi		05 30S 122 50E	N.I.				MRSC Ujungpandang
		N.I.	Banjarmasin		03 20S 114 35E	N.I.				MRSC Banjarmasin
		N.I.	Batu Ampar		01 09N 104 04E	N.I.				MRSC Tanjungpinang
		N.I.	Bawean		05 51N 112 39E	N.I.				MRCC Surabaya
		N.I.	Belawan		03 43N 98 40E	N.I.				MRSC Medan
		N.I.	Bengkulu		03 55S 102 16E	N.I.				MRSC Palembang
		N.I.	Benoa		08 44S 115 12E	N.I.				MRSC Denpasar
		N.I.	Biak		01 11S 136 05E	N.I.				MRCC Biak
		N.I.	Bima		08 27S 118 43E	N.I.				MRSC Denpasar
		N.I.	Bintuni		02 07S 133 30E	N.I.				MRSC Sorong
		N.I.	Bitung		01 26N 125 10E	N.I.				MRSC Manado
		N.I.	Celukan Bawang		08 11S 114 49E	N.I.				MRSC Palembang
		N.I.	Cigading		06 30S 105 57E	N.I.				MRCC Jakarta
		N.I.	Cilacap		07 45S 109 02E	N.I.				
N.I.		Cirebon		06 45S 108 33E	N.I.					
N.I.	Dabo Singkep		00 30S 104 34E	N.I.	MRSC Pekanbaru					
N.I.	Dilli		08 33S 125 34E	N.I.	MRSC Kupang					
N.I.	Donggala		00 39S 119 44E	N.I.	MRSC Manado					
N.I.	Dumai		01 41N 101 27E	N.I.	MRSC Pekanbaru					
N.I.	Ende		08 50S 121 38E	N.I.	MRSC Kupang					
N.I.	Fak-Fak		01 57S 131 17E	N.I.	MRSC Sorong					

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
		N.I.	GN. Sitoli		01 19N 97 36E	N.I.				MRSC Medan
		N.I.	Gorontalo		00 29N 123 03E	N.I.				MRSC Manado
		N.I.	Gresik		07 09S 112 39E	N.I.				MRCC Surabaya
		N.I.	Jakarta		06 07S 106 51E	N.I.				MRCC Jakarta
		N.I.	Jambi		01 01S 104 08E	N.I.				MRSC Padang
		N.I.	Jayapura		02 30S 140 43E	N.I.				MRSC Jayapura
		N.I.	Kaimana		03 40S 135 45E	N.I.				MRSC Sorong
		N.I.	Kalabahi		08 03S 124 30E	N.I.				MRSC Denpasar
		N.I.	Kalianget		07 04S 113 58E	N.I.				MRCC Surabaya
		N.I.	Kendari		03 55S 122 25E	N.I.				MRCC Ujungpandang
		N.I.	Kupang		10 09S 123 34E	N.I.				MRSC Kupang
		N.I.	Lahewa		01 24N 97 09E	N.I.				MRCC Ujungpandang
		N.I.	Larantuka		08 20S 122 59E	N.I.				MRSC Kupang
		N.I.	Lembar		08 43S 116 04E	N.I.				MRSC Denpasar
		N.I.	Luwuk		00 56S 122 47E	N.I.				MRSC Manado
		N.I.	Makassar		05 06S 119 25E	N.I.				MRCC Ujungpandang
		N.I.	Manokwari		00 48S 134 00E	N.I.				MRCC Biak
		N.I.	Masalembo		05 34S 114 27E	N.I.				MRCC Ujungpandang
		N.I.	Maumere		08 59S 122 13E	N.I.				MRSC Kupang
		N.I.	Menado		01 20N 129 50E	N.I.				MRSC Manado
		N.I.	Meneng		08 07S 114 23E	N.I.				MRCC Surabaya
		N.I.	Merauke		08 28S 110 23E	N.I.				MRSC Merauke
		N.I.	Padang Bai		08 32S 115 30E	N.I.				MRSC Padang
		N.I.	Palembang		02 50S 104 46E	N.I.				MRSC Palembang
		N.I.	Panarukan		07 14S 113 56E	N.I.				MRCC Surabaya
		N.I.	Pangkal Balam		02 10S 106 07E	N.I.				MRSC Tanjungpinang
		N.I.	Panjang		05 28S 105 19E	N.I.				MRSC Palembang
		N.I.	Parigi		00 48N 120 09E	N.I.				MRSC Manado

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
		N.I.	Pontianak		00 01S 109 18E	N.I.				MRSC Pontianak
		N.I.	Poso		01 22N 120 45E	N.I.				MRSC Manado
		N.I.	Probolinggo		07 23S 113 13E	N.I.				MRCC Surabaya
		N.I.	Pulang Pisau		02 45S 114 15E	N.I.				MRSC Tanjungpinang
		N.I.	Pulau Sambu		01 09N 103 53E	N.I.				
		N.I.	Rengat		00 29S 102 41E	N.I.				
		N.I.	Sabang		05 54N 95 21E	N.I.				MRSC Medang
		N.I.	Samarinda		00 30S 117 09E	N.I.				MRSC Balikpapan
		N.I.	Sampit		02 33S 112 57E	N.I.				MRSC Banjarmasin
		N.I.	Sanana		02 03S 125 59E	N.I.				MRSC Ambon
		N.I.	Selat Panjang		01 01N 102 43E	N.I.				MRSC Tanjungpinang
		N.I.	Semarang		06 56E 110 25E	N.I.				MRCC Surabaya
		N.I.	Serui		01 53S 136 14E	N.I.				MRCC Biak
		N.I.	Siau		02 44N 125 23E	N.I.				MRSC Manado
		N.I.	Sibolga		01 44N 98 46E	N.I.				MRSC Medan
		N.I.	Sintete		01 10N 109 04E	N.I.				MRSC Pontianak
		N.I.	Sorong		00 53S 131 00E	N.I.				MRSC Sorong
		N.I.	Sunda Kelapa		N.I.	N.I.				MRCC Jakarta
		N.I.	Surabaya		07 12S 112 44E	N.I.				MRCC Surabaya
		N.I.	Tahunan		03 36N 125 30E	N.I.				MRSC Manado
		N.I.	Tarakan		03 17N 117 35E	N.I.				MRSC Balikpapan
		N.I.	Tegal		06 51S 109 08E	N.I.				MRCC Jakarta
		N.I.	Teluk Bayur		01 00S 100 21E	N.I.				MRSC Pedang
		N.I.	Teluk Dalam		00 35N 97 49E	N.I.				
		N.I.	Tembilahan		00 19S 103 09E	N.I.				MRSC Tanjungpinang
		N.I.	Ternate		00 47N 127 22E	N.I.				MRSC Ambon
		N.I.	TG BL Karimun		00 56N 103 26E	N.I.				MRSC Tanjungpinang
		N.I.	TG Pinang		00 55N 104 26E	N.I.				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
		N.I.	TG Uban		01 03N 104 13E	N.I.				
		N.I.	Toli-Toli		01 03N 120 48E	N.I.				MRSC Manado
		N.I.	Tual		05 20S 132 40E	N.I.				MRSC Ambon
		N.I.	Olee Lheue		05 33S 95 16E	N.I.				MRSC Manado
		N.I.	Waingapu		09 39S 120 15E	N.I.				MRSC Kupang
	Japan	TBD								
	Malaysia	Monitor	Gunung Jerai		05 47N 100 26E	95	Planned[1999]	PS	24 hrs	MRCC Port Klang
			Gunung Berinchang		04 31N 101 23E	117				
			Ulu Kali		03 26N 101 47E	114				
			Gunung Ledang		02 03N 102 34E	95				
			Tioman		02 48N 104 12E	27				
			Kuala Rompin		02 48N 103 29E	38				
			Kemuning		04 19N 103 28E	57				
			Marang		05 10N 103 11E	55				
			Machang		05 43N 102 17E	70				
			Kuching		01 35N 110 11E	85				
			Bintulu		03 13N 113 05E	48				
			Kota Kinabalu		06 02N 116 12E	75				
			Labuan		05 17N 115 15E	22				
			Bukit Kayu Malam		01 58N 111 26E	49	Planned[2001]			
			Matu		02 40N 111 30E	22				
			Mukah		02 54N 112 05E	26				
			Batu Niah		03 48N 113 45E	24				
			Miri		04 22N 113 58E	35				
			Kudat		06 54N 116 50E	37				
			Sandakan		05 51N 118 06E	44				
			Lahad Datu		04 56N 118 10E	71				
			Tawau		04 20N 117 58E	72				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
Philippines	Main	Manila		14 35N 120 57E	25	Planned[1999]	SD	24 hrs	Manila	
		Monitor	Batangas		13 45N 121 03E					
		Iloilo		10 42N 122 35E						
		San Fernando		16 36N 120 18E						
		Aparri		18 22N 121 38E						
		Legaspi		13 09N 123 44E						
		San Jose		12 20N 121 05E						
		Lucena		13 54N 12138E						
		Roxas		11 36N 122 42E						
		Real		14 40N 120 37E						
		Davao		07 08N 125 40E						
		Puerto Princesa		09 44N 118 44E						
		Surigao		09 47N 125 30E						
		Cebu		10 16N 123 53E						
		Zamboanga		06 59N 122 01E						
		Tacloban		11 15N 125 00E						
		Gen. Santos		06 05N 125 09E						
		Cagayan de Oro		08 30N 124 40E						
		Cotabato								
	Republic of Korea	Main	Inchon National Maritime Police Agency	004401001	37 45N 126 36E					23
Main		Busan National Maritime Police Agency		35 07N 129 05E	N.I.	Planned[1997]	Busan RCC			
Main		Donghae National Maritime Police Agency	004401002	37 31N 129 07E	35	Operational	Donghae RCC			
Main		Mokpo National Maritime Police Agency		34 47N 126 24E	N.I.	Planned[1997]	Mokpo RCC			
Main		Cheju National Maritime Police Agency		33 31N 126 32E	N.I.		Cheju RCC			
Singapore	Main	Singapore Port Operations Control	005630002	01 16N 103 51E	25	Operational	SD	24 hrs	Singapore Port Operations Control Centre	

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70		
XII	Thailand	Main	Bangkok Radio	005671000	13 09N 100 55E	27	Planned[1999]	PS	24 hrs	Bangkok RCC	
		Monitor	Prachuab Radio				TBD				
			Surat Radio								
		Main	Songkhla Radio								
		Main	Phuket Radio								
	Vietnam	Main	Ho Chi Minh-Ville Radio	005741993	10 47N 106 40E	23	Operational	PS	24 hrs	Saigon port Authority	
		Main	Haiphong Radio	005741996	20 44N 106 44E	23				Haiphong port Authority	
		Main	Danang Radio	005741999	16 05N 108 13E	23	Planned[N.I.]			Danang port Authority	
		Main	Nhatrang Radio	005742002	12 15N 109 12E	23		Nhatrang port Authority			
		Main	Vungtau Radio	005742005	10 19N 107 04E	23		Vungtau port Authority			
	Associate Member Hong Kong, China	Main	Hong Kong Maritime Rescue Radio Tai Mo Shan	004773500	22 24N 114 07E	50	Operational	SD	24 hrs	Hong Kong MRCC	
			Victoria Peak (Alternative)		22 16N 114 08E						
	XII	Canada	Main	Vancouver	003160010	-	-	Planned [1998]	PS	24hrs	RCC Victoria
				Monitor		Mount Parke	48 50N 123 18W				
Bowen						49 21N 123 23W	40				
Helmcken						48 24N 123 34W	40				
Watts Point						49 39N 123 13W	40				
Main			Tofino	003160012	-	-	Planned [1998]				
			Monitor		Holberg	50 38N 128 08W		40			
					Eliza Dome	49 52N 127 07W		40			
					Mount Ozzard	48 58N 125 30W		40			
Main			Prince Rupert	003160013	54 18N 130 25W	40	Planned [2000]				
			Monitor		Dundas	54 31N 130 55W		40			
					Rose Inlet	52 13N 131 13W		40			
					Klemtu	52 35N 128 34W		40			
					Mount Gil	53 16N 129 12W		40			

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
			Naden Harbour		53 57N 132 57W	40				
			Cumshewa		53 10N 132 00W	40				
		Main	Comox	003160014	49 45N 124 57W	40				
		Monitor	Port Hardy		50 37N 126 55W	40				
			Discovery		50 19N 125 22W	40				
			Texada		49 42N 124 26W	40				
	Ecuador	Main	Guayaquil	007354750	02 11S 79 53W	30	Operational	N.I.	24 hrs	Guayaquil Coast Guard
		Monitor	Esmeraldas (Remote Controlled)	007354752	00 57N 70 39W	30				
			Bahia (Remote Controlled)	007354753	00 35S 80 25W	30				
			Manta (Remote Controlled)	007354754	00 57S 80 43W	30				
			Salinas (Remote Controlled)	007354755	02 12S 80 52W	30				
			Puerto Bolivar (Remote Controlled)	007354756	03 16S 80 00W	30				
		Main	Ayora	007354757	00 49S 90 20W	30				
Monitor	Baquerizo Moreno (Remote Controlled)	007354758	00 54S 89 37W	30						
Mexico	Main	Mazatlan	003450810	23 12N 106 26W	40	Operational	PS	24 hrs	Zona Naval	
	Monitor	Ensenada	003450210	31 25N 116 37W	40					
		Guaymas	003450610	27 58N 11050W	40					
		La Paz	003450410	24 04N 110 20W	40					
		Manzanillo	003451410	18 15N 104 13W	40					
		Acapulco	003451810	16 51N 99 54W	40					
		Salina Cruz	003452010	16 16N 95 11W	40					
		Lazaro Cardenas	003451610	17 04N 102 10W	40					Planned[30.12.1999]
		Punta Final	003450220	29 45N 114 17W	40					Planned[30.12.1999]
		Guerrero Negro	003450230	27 58N 114 12W	40					Planned[30.11.2000]
		San Carlos	003450430	24 55N 112 04W	40					Planned[30.10.2000]
		Loreto	003450440	26 00N 111 22W	40					Planned[30.09.1999]
		Los Cabos	003450450	23 52N 109 54W	40					Planned[30.07.1999]
Puerto Penasco	003450620	31 18N 113 32W	40	Planned[30.08.1999]						



NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70		
			Topolobampo	003450820	25 36N 109 03W	40	Planned[30.09.1999]				
			San Blas	003451010	20 53N 105 06W	40	Planned[30.10.2000]				
			Puerto Vallarta	003451210	19 57N 105 07W	40	Planned[30.10.1999]				
			Ixtapa	003451820	16 56N 102 38W	40	Planned[30.10.2000]				
			Puerto Angel	003452020	15 39N 96 31W	40	Planned[30.11.2000]				
			Puerto Escondido	003452030	15 51N 97 05W	40					
			Puerto Madero	003452210	14 16N 92 26W	40	Planned[30.11.1999]				
	United States	TBD				Planned[N.I.]					
XIII	Russian Federation	Main	Vladivostok	007250010	43 07N 131 55E	55	Operational	SD	24 hrs	MRCC Vladivostok	
		Monitor	Nakhodka		42 51N 132 51E	45					
			Tumannaya (Posiet)		42 34N 131 11E	70					
		Main	Magadan	00234416	59 33N 150 43E	19	Planned[2000]				MRSC Petropavlovsk-Kamchatskiy
		Main	Murmansk	002734420	68 58N 33 01E	18					MRCC Murmansk
		Main	Arkhangelsk	002734414	64 32N 40 32E	25.6					MRSC Arkhangelsk
		Main	Vanino		49 05N 140 20E	25	Under Trial				MRSC Kholmok
		Main	Yuzhno-Sakhalinsk	002733733	-	-					
		Monitor	Korsakov		46 45N 142 27E	42					
					Nevelsk		46 38N 141 51E	40			
Main	Kholmok		47 03N 142 03E	30	Planned[2000]				MRSC Petropavlovsk-Kamchatskiy		
Main	Petropavlovsk-Kamchatskiy		52 59N 158 39E	30							
XIV	NONE										
XV	Chile	Main	Arica	007250010	18 29S 70 19W	60	Operational	SD	24 hrs	MRCC Iquique	
		Main	Iquique	007250020	20 21S 70 25W	90					
		Main	Tocopilla	007250030	22 06S 70 12W	18	Planned				
		Main	Mejillones	007250040	23 06S 70 13W	18					
		Main	Antofagasta	007250050	23 40S 70 25W	60	Operational				

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated			
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70				
		Main	Taltal	007250060	25 24S 70 29W	18	Planned			MRCC Valparaiso			
		Main	Chanaral	007250070	26 21S 70 38W	18							
		Main	Caldera	007250080	27 04S 70 42W	18							
		Main	Huasco	007250090	28 28S 71 15W	18							
		Main	Isla de Pascua	007250100	27 11S 109 25W	60	Operational						
		Main	Coquimbo	007250110	29 56S 71 13W	70							
		Main	Los Vilos	007250120	31 45S 71 31W	18	Planned						
		Main	Quintero	007250125	32 46S 71 31W	18	Operational						
		Main	Juan Fernandez	007250130	33 37S 78 50W	18	Planned						
		Main	Valparaiso	007251860	33 01S 71 39W	80	Operational				PS		
		Main	San Antonio	007250140	33 34S 71 37W	40					SD		
		Main	Constitucion	007250150	35 20S 72 35W	18	Planned						MRCC Talcahuano
		Main	Talcahuano	007250170	36 42S 73 06W	40	Operational						
		Main	Coronel	007250180	37 01S 73 09W	18	Planned						
		Main	Lebu	007250190	37 38S 73 40W	18							
		Main	Isla Mocha	007250200	38 23S 73 53W	18							
		Main	Corral	007250210	39 53S 73 25W	18							
		Main	Valdivia	007250220	39 48S 73 15W	15							
		Main	Puerto Montt	007250230	41 29S 72 57W	40		Operational					
		Main	Corona	007250235	41 47S 73 53W	30	Planned			MRCC Puerto Montt			
		Main	Ancud	007250240	41 25S 73 50W	15							
		Main	Castro	007250250	42 29S 73 46W	15							
		Main	Chaiten	007250260	42 55S 72 43W	18							
		Main	Quellon	007250270	43 07S 73 38W	15							
		Main	Melinka	007250280	43 54S 73 45W	15							
		Main	Isla Guafo	007250290	43 34S 74 50W	40							
		Main	Puerto Aguirre	007250294	45 10S 73 32W	18							
		Main	Chacabuco	007250298	45 28S 73 49W	18							

NAV/MET Area	Country	VHF DSC Coast Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of Operation]	Purpose (PC/SD/PS)	Watch hours on CH70	
		Main	Aysen	007250300	45 24S 72 42W	15	Operational			MRCC Punta Arenas
		Main	Raper	007250310	46 49S 75 37W	30	Planned			
		Main	San Pedro	007250320	47 43S 74 53W	25				
		Main	Puerto Eden	007250330	49 08S 74 26W	10				
		Main	Puerto Natales	007250340	51 45S 72 32W	15				
		Main	Evangelistas	007250350	52 24S 75 06W	30				
		Main	Fairway	007250360	52 44S 73 47W	25				
		Main	Bahia Felix	007250370	52 58S 74 04W	22				
		Main	Punta Arenas	007250380	53 09S 70 57W	75	Operational			
		Main	Punta Delgada	007250390	52 28S 69 33W	18	Planned			
		Main	Dungenes	007250400	52 24S 68 26W	22				
		Main	Espiritu Santo	007250410	52 40S 68 37W	30				
		Main	Puerto Williams	007250420	54 56S 67 37W	15				
		Main	Wollaston	007250430	55 37S 68 18W	25				
		Main	Cabo de Homos	007250435	55 58S 57 13W	25				
		Main	Diego Ramirez	007250440	56 31S 68 43W	35				
		Main	Bahia Fildes (Antarctica)	007250450	62 13S 58 49W	20				
		Main	Base A.Prat (Antarctica)	007250460	62 29S 59 38W	20				
Main	Bahia Paraiso	007250470	64 49S 62 51W	20						
XVI	Peru	Main	Paita	007600121	05 05S 81 07W	40	Operational	SD	24 hrs	MRSC Paita
		Main	Callao	007600125	12 03S 77 09W	40		SD	24 hrs	MRCC Callao
		Main	Mollendo	007600129	17 01S 72 01W	40	Planned[12.1999]	SD	24 hrs	MRSC Mollendo

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PC = Public correspondence  
SD = Safety and Distress  
PS = Public correspondence & 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 Station								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	
I	Belgium	Main	Oostende Radio	002050480	51 11N 02 48E	115	Operational	PS	24 hrs	Oostende
	Denmark	Main	Blaavand Radio	002192000	55 33N 08 06E	153	Operational	PS	24 hrs	SOK, Aarhus
		Monitor	Skagen		57 44N 10 34E	148				MRCC Torshavan
		Main	Torshavn Radio(Færoes)	002311000	62 00N 06 47W	225				
	Estonia	Main	Tallinn*	002760100	59 24N 24 40E	150	Operational	SD	24 hrs	MRCC Tallinn
		Main	Kuressaare*	002760120	58 15N 22 29E	150				
		Main	Kärdla*	002760130	59 00N 22 45E	150				
		Main	Narva-Joesuu*	002760160	59 28N 28 02E	150				
		Monitor	Undva	002761000	58 29N 21 59E	150				
	Finland	Main	Turku	002300230	-	-	Operational	SD	24 hrs	MRCC Turku
		Monitor	CRS Sondby RX		60 16N 25 51E	185				MRSC Helsinki 002302000
			Helsinki TX		60 09N 25 09E	185				MRCC Turku 002301000
			Mariehamn TX		60 07N 19 57E	185				
			Mariehamn RX		63 18N 21 10E	185				
			Hailuoto		65 02N 24 32E	185				MRSC Vaasa 002303000
			Raippaluoto TX		63 19N 21 08E	185				
			Raippaluoto RX		63 18N 21 10E	185				
	France	Main	Ouessant(transmission)	002275300	48 28N 05 03W	300	Operational	SD	24 hrs	MRCC Corsen
		Main	Corsen (reception)		48 24N 04 24W					
	Greenland (Denmark)	Main	Aasiaat	003313000	69 15N 53 31W	280	Operational	SD	24 hrs	MRCC Grønnedal
		Monitor	Upernavik		72 47N 56 10W	280				
Sisimiut			66 55N 53 40W	270						
Main		Nuuk	003312000	64 04N 52 01W	250					
Monitor		Paamiut	62 00N 49 43W	230						
Main		Qaqortoq	003311000	60 41N 46 36W	220					
Monitor		Ikerasassuaq		60 04N 43 10W	220					
Main	Ammassilik	003314000	65 36N 37 38W	280						
* Main MF stations in Estonia is reserved.										
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Amendment/June 2000										

NAV/MET Area	Country	MF DSC Coast Station					Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	RCC Associated
		Type	Name	MMSI	Position	Range (NM)				
Iceland	Main	Reykjavik Radio	002510100	64 05N 21 51W	216	Operational	N.I.	N.I.	MRCC Keflavik	
	Main	Isafjordur Radio	N.I.	66 05N 23 02W	227					
	Main	Siglufjordur Radio	N.I.	66 11N 18 57W	216					
	Main	Neskaupstadur Radio	N.I.	65 09N 13 42W	194					
	Main	Hornafjordur Radio	N.I.	64 15N 15 13W	194					
	Main	Vestmannaear Radio	N.I.	63 26N 20 16W	194					
Ireland	Main	Malin Head Radio	002500100	55 21N 07 20W	150	Operational	SD	24 hrs	MRCC Shannon Airport	
	Main	Valentia Radio	002500200	51 55N 10 20W	150					
Latvia	Main	Riga Rescue Radio	002750100	56 58N 24 05E	150	Operational	SD	24 hrs	MRCC Riga	
Netherlands	Main	Netherlands CoastGuard(Tx)	002442000	52 06N 04 15E	240	Operational	SD	24 hrs	Coast Guard Centre IJmuiden	
	Monitor	Appingedam (Rx)		53 20N 06 51E	150					
		Hook of Holland (Rx)		51 59N 04 06E	150					
Norway	Main	Tjome Radio	002570100	59 26N 10 37E	200	Operational	PS	24 hrs	RCC Stavanger	
	Main	Farsund Radio	002570200	58 04N 06 45E	200					
	Main	Rogaland Radio	002570300	58 39N 05 36E	200					
	Main	Bergen Radio	002570400	60 42N 04 52E	200					
	Main	Floro Radio	002570500	61 35N 05 00E	200					
	Main	Ørlandet Radio	002570600	63 41N 09 36E	200					
	Monitor	Aalesund		62 28N 06 12E	200					
	Main	Bodø Radio	002570700	67 16N 14 23E	200				RCC Stavanger/Bodø	
	Monitor	Sandnessjøen		66 01N 12 37E	200					
		Andenes		69 18N 16 04E	200					
		Jan Mayen		70 57N 08 40W	200					
	Main	Bjørnøya	002570800	74 31N 19 01E	200				RCC Bodø	
		Vardø Radio		70 22N 31 06E	200					
		Monitor		Tromsø	69 39N 18 57E					200
	Hammerfest		0 40N 23 40E	200						
Main	Berlevaag	002570900	70 52N 29 04E	200						
	Svalbard Radio		78 02N 13 40E	200						
Poland	Main	Witowo-Radio	002610210	54 33N 16 32E	N.I.	Operational	PS	N.I.	Polratok-Gdynia Polratok-Swinoujscie	

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz	
		Main	Szczecin Radio		53 28N 14 35E	150	Planned[N.I.]				
		Monitor	Barzowice (TX only)		54 32N 16 32E	150					
			Szczecin/Zelechowo (TX only)		53 28N 14 34E	150					
			Miedzzydroje a-Grzywacz (RX only)		N.I.	N.I.					
			Jaroslawiec (RX only)		N.I.	N.I.					
			Trzeszczyn (RX only)		N.I.	N.I.					
	Russian Federation	Main	Kaliningrad		54 42N 20 30E	150	Planned [2000]	SD	24 hrs	MRSC Kaliningrad	
		Main	St-Petersburg	002733700	59 34N 30 13E	120				MRCC St-Petersburg	
	Sweden	Main	Göteborg	002653000	57 28N 11 56E	210	Operational	SD	24 hrs	MRCC Göteborg	
		Main/Monitor	Stockholm	002652000	59 16N 18 42E	210		PS			
		Monitor	Bjuröklubb	002653000	64 28N 21 36E	250		SD			
	Hoburg (RX only)			56 56N 18 13E	210						
	United Kingdom	Main	Aberdeen	002320004	57 38N 02 14W	150	Operational	SD	24 hrs	Aberdeen MRCC	
		Main	Tyne-Tees	002320006	55 20N 00 34W	150				Tyne/Tees MRSC	
		Main	Humber Head	002320007	54 17N 00 05W	150				Humber MRSC	
		Main	Stornoway	002320024	58 13N 06 20W	150				Stornoway MRSC	
		Main	Holyhead	002320018	53 18N 04 38W	150				Holyhead MRSC	
		Main	Falmouth	002320014	50 08N 05 02W	150				Falmouth MRCC	
		Main	Tiree	002320022	56 31N 06 48W	150				Clyde MRCC	
		Main	Milford Haven	002320017	51 41N 05 10W	150				Milford Haven MRSC	
		Main	Lerwick	002320001	60 09N 01 09W	150				Shetland MRSC	
	II	Benin	Main	Cotonou Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
		Cape Verde	Main	Sao Vicente Radio		N.I.	100	Planned[1996]	N.I.	N.I.	
		Cameroon	Main	Douala Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
		Congo	Main	Pointe Noire Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
		Côte D'ivoire	Main	Abidjan Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz
	Democratic Republic of the Congo	Main	Banana Radio		N.I.	N.I.	Planned[N.I.]	PS	N.I.	
	France	Main	Ouessant(transmission)	002275300	48 28N 05 03W	300	Operational	SD	24 hrs	MRCC Corsen
			Corsen (reception)		48 24N 04 24W					
	Ghana	Main	Tema Radio		05 37N 00 00W	100	Planned[N.I.]	N.I.	N.I.	Harbour Master's Office, Accra
	Guinea	Main	Kamsar Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Guinea Bissau	Main	Bissau Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Liberia	Main	Monrovia Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Mauritania	Main	Nouadhibou Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Portugal	Main	MRCC Lisboa	002630100	38 41N 09 19W	200	Planned[N.I.]	SD	24 hrs	MRCC Lisboa RCC Lisboa
		Monitor	Apulia Radio	002630200	41 28N 08 45W	200				
			Sagres Radio	002630400	37 00N 08 56W	200				
		Main	MRCC Delgada	002040100	37 44N 25 40W	200				MRCC Delgada RCC Lages
		Monitor	Horta Radio	002040200	38 38N 28 32W	200				
			Delgada Radio	002040300	37 44N 25 40W	200				
		Main	MRSC Funchal	002550100	32 38N 16 54W	200				MRSC Funchal
		Monitor	Porto Santo Radio	002550200	33 04N 16 21W	200				RCC Lisboa
	Senegal	Main	Dakar Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Sierra Leone	Main	Wilberfree Hill Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Spain	Main	Bilbao	002240996	43 21N 03 02W	150	Operational	SD	24 hrs	
		Main	Gijon	002240997	43 34N 05 42W	150				
		Main	Las Palmas	002240995	28 08N 15 25W	150				
		Main	Tenerife	002241007	28 29N 16 14W	150				
		Main	Finisterre	001640973	43 48N 08 59W	150				
		Main	Tarifa	002240994	36 01N 05 35W	150				
III	Bulgaria	Main	Varna Radio	002070810	43 04N 27 46E	200	Operational	PS	24 hrs	MRCC Varna
	Cyprus	Main	Cyprus Radio	002091000	35 07N 33 20E	200	Operational	PS	24 hrs	RCC Lamaca RCC Episkopt



NAV/MET Area	Country	MF DSC Coast Station							RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	
Egypt	Main	Alexandria Radio	006221111	31 11N 29 51E	350	TBD	SD	24 hrs	RCC Cairo
	Main	Port Said Radio	006221113	31 19N 32 18E	350			18 hrs (0600-0000)	
France	Main	Porquolles (transmission)	002275400	42 59N 06 12E	250	Operational	SD	24 hrs	MRCC La Garde
	Main	La Garde (reception)		43 06N 05 59E					
Greece	Main	Limnos Radio <sup>(1)</sup>		39 52N 25 04E	200	Planned[End 2000]	PS	24 hrs	Piraeus Joint RCC 37 58N 23 40E
	Main	Iraklion Radio <sup>(1)</sup>		35 20N 25 07E	200				
	Main	Kerkyra Radio <sup>(1)</sup>		39 37N 19 55E	200				
	Main	Piraeus Joint RCC <sup>(2)</sup>	237673000 237673100	37 58N 23 40E	130	Operational	SD		
	Main	Kerkyra <sup>(2)</sup>	237673190	39 38N 19 55E	130				
	Main	Patra <sup>(2)</sup>	237673140	38 14N 21 44E	130				
	Main	Pylos <sup>(2)</sup>	237673230	36 54N 21 41E	130				
	Main	Iraklion <sup>(2)</sup>	237673180	35 20N 25 08E	130				
	Main	Rodos <sup>(2)</sup>	237673150	36 27N 28 14E	130				
	Main	Thessaloniki <sup>(2)</sup>	237673210	40 38N 22 56E	130				
	Main	Mytilini <sup>(2)</sup>	237673220	39 06N 26 35E	130				
Main	Aspropyrgos Radio <sup>(2)</sup>	002391000	38 02N 23 35E	130					
Italy	Main	Roma	002470001			Planned [N.I.]	PS	24 hrs	
	Monitor	Trieste (M.Radio)		45 36N 13 46E	150				MRSC Trieste
		Ancona (F.Mirto)		43 36N 13 28E	150				MRSC Ancona
		Cagliari (M Rosso)		39 13N 09 14E	150				MRSC Cagliari
		Civitavecchia		42 01N 11 49E	150				MRSC Roma
		Genova (Castellaccio)		44 25N 08 56E	150				MRSC Genova
	Main	Palermo	002470002						

(1) Greece intends to establish A2 Sea area by these three stations. However, at the moment and until, at least, the establishment of the A2 Sea area, just for reasons of additional safety only but without this to be considered as an establishment of an A2 Sea area, Hellenic Coast Guard keeps 24 hour watch on MF DSC distress frequency (2187.5 kHz), using its own stations, indicated by the footnote (2).

(2) DSC MF stations, owned by Hellenic Coast Guard

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz
		Monitor	Palermo (P.Raisi)		38 11N 13 06E	150				MRSC Palermo
			Mazara delVallo		37 39N 12 36E	150				MRSC Catania
			Augusta		37 14N 15 14E	150				
			Monteparano		40 26N 17 25E	150				
Malta	Monitor	Malta Radio		35 49N 14 32E	320	Planned[1998]	SD or PS	24 hrs		
Romania	Main	Constanta	002640570	44 07N 28 35E	100	Operational	PS	24 hrs	Constanta Hr. Master	
Russian Federation	Main	Novorossiysk	002734411	44 36N 37 58E	173	Operational	SD	24 hrs	MRCC Novorossiysk	
	Monitor	Taganrog		47 14N 38 56E	70					
		Temriuk		45 19N 37 13E	70					
Spain	Main	Barcelona	002240994	41 16N 01 54E	150	Operational	SD	24 hrs		
	Main	Valencia	008241002	39 27N 00 20W	150					Planned[1996]
	Main	Cabo de La Nao	002401005	38 43N 00 09E	150					
	Main	Almeria	001241001	34 50N 08 25W	150					Tarifa
Turkey	Main	Antalya	002713000	35 53N 30 42E	146	Planned[12.1998]	PS	24 hrs	Ankara	
	Main	Canakkale	002714000	40 08N 26 24E	146					
	Main	Iskenderun	002715000	36 37N 36 07E	146					
	Main	Istanbul	002711000	40 59N 28 49E	146	Operational				
	Main	Izmir	002716000	38 21N 26 35E	146	Planned[12.1998]				
	Main	Mersin	002717000	36 49N 34 36E	146					
	Main	Samsun	002712000	41 17N 36 20E	146					
	Main	Trabzon	002718000	41 00N 39 43E	146					
	Main	Zonguldak	002719000	41 27N 31 48E	146					
IV	Bermuda(UK)	Main	Bermuda Harbour Radio	003100001	32 23N 64 41W	200	Operational	SD	24hrs	RCC Bermuda
	Canada	TBD								
	Greenland (Denmark)	Main	Aasiaat	003313000	69 15N 53 31W	280	Operational	SD	24hrs	MRCC Grønødal

NAV/MET Area	Country	MF DSC Coast Station					Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	RCC Associated
		Type	Name	MMSI	Position	Range (NM)				
		Monitor	Upemavik		72 47N 56 10W	280				
			Sisimiut		66 55N 53 40W	270				
		Main	Nuuk	003312000	64 04N 52 01W	250				
		Monitor	Paamiut		62 00N 49 43W	230				
		Main	Qaqortoq	003311000	60 41N 46 36W	220				
		Monitor	Ikerasassuaq		60 04N 43 10W	220				
		Main	Ammassilik	003314000	65 36N 37 38W	280				
Jamaica	N.I.					Planned[N.I.]				
Mexico	Main	Tampico	003450110	22 13N 97 51W	150	Operational	PS	24 hrs	Zona Naval	
	Monitor	Veracruz	003450310	19 09N 96 07W	150	Planned[30.03.2000]				
		Cd. Del Carmen	003450710	18 08N 92 07W	150	Planned[30.04.2000]				
		Progreso	003450910	20 54N 90 12W	150	Planned[30.05.2000]				
		Cozumel	003451110	20 25N 86 46W	150	Planned[30.11.2000]				
United States	Main	Woods Hole	003669902	41 31N 70 40W		Planned[2000]	SD	24 hrs	Boston	
	Monitor	Brant Point		41 18N 70 05W						
	Main	Cape May	003669903	38 57N 74 53W					Portsmouth	
	Main	Cape Hatteras	003669906	35 14N 75 32W					Miami	
	Main	Charleston	003669907	32 47N 79 57W						
	Monitor	Sullivans Island		32 46N 79 50W					New Orleans	
	Main	New Orleans	003669908	29 53N 89 57W						
	Monitor	Grand Isle		29 15N 89 58W						
	Main	Mobile	003669914	30 39N 88 03W						
	Monitor	Santa Rosa		30 19N 87 15W						
	Main	Galveston	003669915	29 20N 94 46W						
	Monitor	Freeport		28 56N 95 18W						

NAV/MET Area	Country	MF DSC Coast Station						RCC Associated																											
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]		Purpose (PC/SD/PS)	Watch hours on 2187.5kHz																									
		Main	Corpus Christi	003669916	27 48N 97 24W																														
		Monitor	Port Isabel		26 04N 97 10W																														
		Main	St. Petersburg	003669917	27 46N 82 38W																														
		Monitor	Venice		27 06N 82 22W																														
			Chokoloskee		25 50N 81 23W																														
			Mullet Key	27 38N 82 44W																															
		Main	Key West	003669918	24 33N 81 48W																														
		Monitor	Marathon		24 42N 81 05W																														
		Main	Miami	003669919	25 54N 80 16W																														
		Monitor	Islamorada		27 57N 80 37W																														
					Ft. Pierce													27 26N 80 20W																	
		Main	Fort Macon	003669920	34 41N 76 41W																														
		Main	Southwest	003669921	44 17N 68 19W																														
		Main	Mayport	003669925	30 23N 81 19W																														
		Main	Boston	003669927	42 22N 71 03W																														
		Main	South Portland	003669928	43 39N 70 15W																														
		Main	Sandy Hook	003669929	40 28N 74 01W																														
		Main	New York	003669930	40 41N 74 01W																														
		Main	New Haven	003669931	41 16N 72 54W																														
		Main	Chincoteague	003669932	37 56N 75 23W																														
		Main	Hampton Roads	003669933	36 53N 76 21W																														
		Main	Portland	003669934	43 40N 70 15W																														
		Main	Moriches	003669936	40 47N 72 45W																														
		Monitor	Shinnecock		40 51N 72 30W																														
Main	Boston	003669991	41 39N 70 30W	Operational																															

NAV/MET Area	Country	MF DSC Coast Station								RCC Associated																																		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz																																			
		Main	Portsmouth	003669995	36 44N 76 01W		Planned[2000]			Portsmouth																																		
		Main	Miami	003669997	25 37N 80 23W					Miami																																		
		Main	San Juan	003669992	18 28N 66 07W					San Juan																																		
		Main	New Orleans	003669998	29 53N 89 57W					New Orleans																																		
	Venezuela		N.I.				Planned[1999]																																					
V	Uruguay	Main	Montevideo Radio		34 52S 56 19W	N.I.	Planned[N.I.]	N.I.	N.I.	Port of Montevideo																																		
		Main	La Paloma Radio		34 39S 54 08W	N.I.																																						
VI	Argentina	Main	Argentina Radio	007010111	34 36S 58 28W	200	Operational	PS	24 hrs	Buenos Aires																																		
		Main	Buenos Aires Radio	007010001	34 27S 58 37W	150	Planned[N.I.]	N.I.		24 hrs	Puerto Belgrano																																	
		Main	Recalada Río de la Plata Radio	007010002	35 10S 56 19W	150	Operational	SD	24 hrs			Puerto Belgrano																																
		Main	Mar del Plata Radio	007010221	38 03S 57 32W	150							Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano																												
		Main	Bahía Blanca Radio	007010005	38 43S 62 06W	150	Planned[N.I.]	N.I.									24 hrs	Puerto Belgrano																										
		Main	Patagones Radio	007010006	40 48S 62 59W	150													Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano																						
		Main	Rawson Radio	007010007	43 20S 65 03W	150																	Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano																		
		Main	Comodoro Rivadavia Radio	007010008	45 51S 67 25W	150																					Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano														
		Main	Puerto Deseado Radio	007010009	47 46S 65 54W	150																									Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano										
		Main	Río Gallegos Radio	007010010	51 37S 69 03W	150																													Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano						
		Main	Ushuaia Radio	007010011	54 48S 68 18W	150																																	Planned[N.I.]	N.I.	24 hrs	Puerto Belgrano		
		Main	I.Orcadas Radio	N.I.	60 45S 44 44W	150																																					Planned[N.I.]	N.I.
VII	Angola	Main	Luanda Radio		N.I.	N.I.				Planned[N.I.]	N.I.																																	
	Comoros	Main	Moroni Radio		N.I.	N.I.			Planned[N.I.]	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.																																						

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz
	Mozambique	Main	Maputo Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	South Africa		N.I.		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
VIII	Kenya	Main	Mombasa Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Mauritius	Main	Cassis	006452700	20 10S 57 28E	150	Operational	SD	24 hrs	
	Myanmar	TBD								
	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.	
IX	Djibouti	Main	Djibouti Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
	Egypt	Main	Kosseir Radio	006221112	26 07N 34 17E	350	TBD	SD	18 hrs (0600-0000)	RCC Cairo
	Jordan	Main	Aqaba Radio	004381234	29 33N 34 59E	350	Planned[N.I.]	PS	24 hrs	
	Oman	Main	Muscat Radio		23 36N 58 30E	100	Planned[N.I.]	PS	N.I.	HQ Royal Air Force of Sultanate of Oman
	Saudi Arabia	Main	Damman Radio		26 26N 50 06E	N.I.	Planned[N.I.]	N.I.	N.I.	
		Main	Jeddah Radio		21 23N 39 10E	N.I.				
	Sudan	Main	Port Sudan Radio		N.I.	N.I.	Planned[N.I.]	N.I.	N.I.	
United Arab Emirates	N.I.	N.I.		N.I.	N.I.	Planned[End 1995]	N.I.	N.I.		
X	Australia**	Main	Perth Radio	005030331	31 48S 115 53E	100	Operational	SD	24 hrs	RCC Australia
		Main	Brisbane Radio	005030330	27 04S 153 03E	100	Operational	SD	24 hrs	
XI	China	Main	Basuo Radio	004123600	19 06N 108 37E	100	Planned[End 1995]	PS	24 hrs	Basuo HSA
		Main	Beihai Radio	004123400	21 29N 109 04E	100				Beihai HSA
		Main	Dalian Radio	004121300	38 50N 121 31E	100				Liaoning MRCC
		Main	Fuzhou Radio	004122600	26 01N 119 18E	100				Fujian MRCC
		Main	Guangzhou Radio	004123100	23 08N 113 29E	100				Guangdong MRCC
		Main	Lianyungang Radio	004122300	34 42N 119 18E	100				Lianyungang MRCC
		Main	Ningbo Radio	004122400	30 01N 121 30E	100				Ningbo HSA
		Main	Qingdao Radio	004122200	36 10N 120 28E	100				Qingdao MRSC

NAV/MET Area	Country	MF DSC Coast Station						RCC Associated		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]		Purpose (PC/SD/PS)	Watch hours on 2187.5kHz
		Main	Sanya Radio	004123700	18 14N 109 30E	100				Sanya HSA
		Main	Shantou Radio	004123200	23 21N 116 40E	100				Shantou MRSC
		Main	Tianjin Radio	004121100	39 03N 117 25E	100				Tianjin MRCC
		Main	Xiamen Radio	004122700	24 35N 118 06E	100				Xiamen MRSC
		Main	Wenzhou Radio	004122500	28 02N 120 39E	100				Wenzhou HSA
		Main	Yantai Radio	004121400	37 32N 121 22E	100				Yantai MRSC
		Main	Zhanjiang Radio	004123300	21 09N 110 21E	100				Zhanjiang RSC
	Guam (United States)	Main	Guam	003669994	13 29N 144 50E		Planned[2000]	SD	24 hrs	Honolulu
	Indonesia	N.I.	Ambon		03 41S 128 10E	N.I.	Planned[N.I.]	PS	N.I.	MRSC Ambon
		N.I.	Atapupu		09 01S 124 51E	N.I.				MRSC Kupan
		N.I.	Balikpapan		01 16S 116 48E	N.I.				MRSC Balikpapan
		N.I.	Banabungi		05 30S 122 50E	N.I.				MRSC Ujungpandang
		N.I.	Banjarmasin		03 20S 114 35E	N.I.				MRSC Banjarmasin
		N.I.	Batu Ampar		01 09N 104 04E	N.I.				MRSC Tanjungpinang
		N.I.	Bawean		05 51N 112 39E	N.I.				MRCC Surabaya
		N.I.	Belawan		03 43N 98 40E	N.I.				MRSC Medan
		N.I.	Bengkulu		03 55N 102 16E	N.I.				MRSC Palembang
		N.I.	Benoa		08 44S 115 12E	N.I.				MRSC Denpasar
		N.I.	Biak		01 11S 136 05E	N.I.				MRCC Biak
		N.I.	Bima		08 27S 118 43E	N.I.				MRSC Denpasar
		N.I.	Bintuni		02 07S 133 30E	N.I.				MRSC Sorong
		N.I.	Bitung		01 26N 125 10E	N.I.				MRSC Manado
		N.I.	Celukan Bawang		08 11S 114 49E	N.I.				MRSC Palembang
		N.I.	Cigading		06 30S 105 57E	N.I.				MRCC Jakarta
N.I.	Cilacap		07 45S 109 02E	N.I.						

NAV/MET Area	Country	MF DSC Coast Station					Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	RCC Associated
		Type	Name	MMSI	Position	Range (NM)				
		N.I.	Cirebon		06 45S 108 33E	N.I.	Planned[N.I.]	PS	N.I.	
		N.I.	Dabo Singkep		00 30S 104 34E	N.I.				MRSC Pekanbaru
		N.I.	Dilli		08 33S 125 34E	N.I.				MRSC Kupang
		N.I.	Donggala		00 39S 119 44E	N.I.				MRSC Menado
		N.I.	Dumai		01 41N 101 27E	N.I.				MRSC Pekanbaru
		N.I.	Ende		08 50S 121 38E	N.I.				MRSC Kupang
		N.I.	Fak-Fak		01 57S 131 17E	N.I.				MRSC Sorong
		N.I.	GN. Sitoli		01 19N 97 36E	N.I.				MRSC Medan
		N.I.	Gorontalo		00 29N 123 03E	N.I.				MRSC Menado
		N.I.	Gresik		01 09S 112 39E	N.I.				MRCC Surabaya
		N.I.	Jakarta		06 07S 106 51E	N.I.				MRCC Jakarta
		N.I.	Jambi		01 01S 104 08E	N.I.				MRSC Padang
		N.I.	Jayapura		02 30S 140 43E	N.I.				MRSC Jayapura
		N.I.	Kaimana		03 40S 135 45E	N.I.				MRSC Sorong
		N.I.	Kalabahi		08 03S 124 30E	N.I.				MRSC Denpasar
		N.I.	Kalianget		07 04S 113 58E	N.I.				MRCC Surabaya
		N.I.	Kendari		03 55S 122 25E	N.I.				MRCC Ujungpandang
		N.I.	Kupang		10 09S 123 34E	N.I.				MRSC Kupang
		N.I.	Lahewa		01 24N 97 09E	N.I.				MRCC Ujungpandang
		N.I.	Larantuka		08 20S 122 59E	N.I.				MRSC Kupang
		N.I.	Lembar		08 43S 116 04E	N.I.				MRSC Denpasar
		N.I.	Luwuk		00 56S 122 47E	N.I.				MRSC Menado
		N.I.	Makassar		05 06S 119 25E	N.I.				MRCC Ujungpandang
		N.I.	Manokwari		00 48S 134 00E	N.I.				MRSC Biak
		N.I.	Masalembo		05 34S 114 27E	N.I.				MRCC Ujungpandang



NAV/MET Area	Country	MF DSC Coast Station						RCC Associated		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]		Purpose (PC/SD/PS)	Watch hours on 2187.5kHz
		N.I.	Maumere		08 59S 122 13E	N.I.	Planned[N.I.]	PS	N.I.	MRSC Kupang
		N.I.	Menado		01 20N 129 50E	N.I.				MRSC Menado
		N.I.	Meneng		08 07S 114 23E	N.I.				MRCC Surabaya
		N.I.	Merauke		08 28S 110 23E	N.I.				MRSC Merauke
		N.I.	Padang Bai		08 32S 115 30E	N.I.				MRSC Padang
		N.I.	Palembang		02 50S 104 46E	N.I.				MRSC Palembang
		N.I.	Panarukan		07 14S 113 56E	N.I.				MRCC Surabaya
		N.I.	Pangkal Balam		02 10S 106 07E	N.I.				MRSC Tanjungpinang
		N.I.	Panjang		05 28S 105 19E	N.I.				MRSC Palembang
		N.I.	Parigi		00 48S 120 09E	N.I.				MRSC Menado
		N.I.	Pontiaanak		00 01S 109 18E	N.I.				MRSC Pontianak
		N.I.	Poso		01 22S 120 45E	N.I.				MRSC Menado
		N.I.	Probolinggo		07 23S 113 13E	N.I.				MRCC Surabaya
		N.I.	Pulang Pisau		02 45S 114 15E	N.I.				MRSC Tanjungpinang
		N.I.	Pulau Sambu		01 09S 103 53E	N.I.				
		N.I.	Rengat		00 28S 102 41E	N.I.				
		N.I.	Sabang		05 54N 95 21E	N.I.				MRSC Medan
		N.I.	Samarinda		00 30S 117 09E	N.I.				MRSC Balikpapan
		N.I.	Sampit		02 33S 112 57E	N.I.				MRSC Banjarmasin
		N.I.	Sanana		02 03S 125 59E	N.I.				MRSC Ambon
		N.I.	Selat Panjang		01 01N 102 43E	N.I.				MRSC Tanjungpinang
		N.I.	Semarang		06 56N 110 25E	N.I.				MRCC Surabaya
		N.I.	Serui		01 53S 136 14E	N.I.				MRCC Biak
		N.I.	Siau		02 44N 125 23E	N.I.				MRSC Menado
		N.I.	Sibolga		01 44N 98 46E	N.I.	MRSC Medan			

NAV/MET Area	Country	MF DSC Coast Station						Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	RCC Associated
		Type	Name	MMSI	Position	Range (NM)					
		N.I.	Sintete		01 10N 109 04E	N.I.				MRSC Pontianak	
		N.I.	Sorong		00 53S 131 00E	N.I.				MRSC Sorong	
		N.I.	Sunda Kelapa		N.I.	N.I.				MRCC Jakarta	
		N.I.	Surabaya		07 12S 112 44E	N.I.				MRCC Surabaya	
		N.I.	Tahuna		03 36N 125 30E	N.I.				MRSC Menado	
		N.I.	Tarakan		03 17N 117 35E	N.I.				MRSC Balikpapan	
		N.I.	Tegal		06 51S 109 08E	N.I.				MRCC Jakarta	
		N.I.	Teluk Bayur		01 00S 100 21E	N.I.				MRSC Padang	
		N.I.	Teluk Dalam		00 35N 97 49E	N.I.				MRSC Padang	
		N.I.	Tembilahan		00 19S 103 09E	N.I.				MRSC Tanjungpinang	
		N.I.	Ternate		00 47N 127 22E	N.I.				MRSC Ambon	
		N.I.	TG BL Karimun		00 56N 103 26E	N.I.				MRSC Tanjungpinang	
		N.I.	TG. Pinang		00 55N 104 26E	N.I.				MRSC Tanjungpinang	
		N.I.	TG. Uban		01 03N 104 13E	N.I.				MRSC Tanjungpinang	
		N.I.	Toli-Toli		01 03N 120 48E	N.I.				MRSC Menado	
		N.I.	Tual		05 20S 132 40E	N.I.				MRSC Ambon	
		N.I.	Olee Lheue		05 34S 95 17E	N.I.				MRSC Menado	
		N.I.	Waingapu		09 40S 120 15E	N.I.				MRSC Kupang	
	Japan	Main	Otaru Sea Patrol Radio	004310101	-	-	Operational	SD	24 hrs	Otaru RCC	
Monitor		Shakotan	43 20N 140 32E		150						
		Hakodateyama	41 45N 140 43E		150						
Main		Kushiro Sea Patrol Radio	004310102	-	-						
Monitor		Tokotan		43 00N 144 53E	150						
		Souyamisaki		45 31N 141 56E	150						
			Nemuro		43 21N 145 35E	100					

NAV/MET Area	Country	MF DSC Coast Station					Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	RCC Associated
		Type	Name	MMSI	Position	Range (NM)				
			Monbetsu		44 21N 143 22E	150				
		Main	Shiogama Sea Patrol Radio	004310201	-	-				Shiogama RCC
		Monitor	Komagamine	004310201	38 18N 141 32E	150				
			Same		40 29N 141 37E	150				
			Kamaishi		39 16N 141 54E	150				
			Nyudozaki		40 00N 139 42E	150				
		Main	Yokohama Sea Patrol Radio	004310301	-	-				Yokohama RCC
		Monitor	Chikura	004310301	34 56N 139 56E	150				
			Choshi		35 44N 140 52E	150				
			Shimoda		34 40N 138 57E	150				
		Main	Nagoya Sea Patrol Radio	004310401	-	-				Nagoya RCC
		Monitor	Asamagatake	004310401	34 27N 136 49E	150				
		Main	Tanabe Sea Patrol Radio	004310502	33 43N 135 24E	150				Kobe RCC
		Main	Kochi Sea Patrol Radio	004310503	-	-				
		Monitor	Tosayama	004310503	33 36N 133 32E	150				
		Main	Kobe Sea Patrol Radio	004310501	-	-				
		Monitor	Senzan	004310501	34 22N 134 50E	60				
		Main	Hiroshima Sea Patrol Radio	004310601	-	-				Hiroshima RCC
		Monitor	Noro	004310601	34 15N 132 40E	60				
		Main	Moji Sea Patrol Radio	004310701	-	-				Kitakyushu RCC
		Monitor	Yukawayama	004310701	33 52N 130 33E	150				
			Wakayama		33 11N 131 44E	60				
			Mokkoku		34 08N 129 12E	150				
		Main	Sasebo Sea Patrol Radio	004310702	-	-				
		Monitor	Ishimoriyama	004310702	33 14N 129 44E	150				

NAV/MET Area	Country	MF DSC Coast Station						RCC Associated			
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]		Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	
		Main	Maizuru Sea Patrol Radio	004310801	-	-				Maizuru RCC	
		Monitor	Sorayama		35 33N 135 25E	150					
			Nawa		35 31N 133 32E	150					
		Main	Niigata Sea Patrol Radio	004310901	-	-				Niigata RCC	
		Monitor	Nekogatake		37 28N 137 08E	150					
			Shidaihana		38 00N 139 17E	150					
		Main	Kagoshima Sea Patrol Radio	004311001	-	-					Kagoshima RCC
		Monitor	Yoko-o		31 19N 130 49E	150					
			Aburatsu		31 35N 131 25E	150					
			Naze		28 23N 129 30E	100					
		Main	Naha Sea Patrol Radio	004311101	26 09N 127 46E	150				Naha RCC	
		Main	Ishigaki Sea Patrol Radio	004311102	-	-					
		Monitor	Miyara		24 21N 124 12E	150					
Malaysia	Monitor	Kuantan		04 06N 103 23E	300	Planned[1999]	PS	24 hrs	MRCC Port Klang		
		Kuching		01 49N 109 46E	300						
		Kota Kinabalu		05 57N 116 02E	300						
		Sandakan		05 40N 118 07E	300	Planned[2001]					
		Penang		05 23N 100 19E	300						
Philippines	Main	Manila		14 35N 120 57E	150	Planned[1999]	SD	24 hrs	Manila and 12 stations		
	Monitor	Batangas		13 45N 121 03E							
		Iloilo		10 42N 122 35E							
		San Fernando		16 36N 120 18E							
		Aparri		18 22N 121 38E							
		Legaspi		13 09N 123 44E							
		San Jose		12 20N 121 05E							
		Davao		07 08N 125 40E							
		Puerto Princesa		09 44N 118 44E							
		Surigao		09 47N 125 30E							

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated		
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz	
			Cebu		10 16N 123 53E						
			Zamboanga		06 59N 122 01E						
			Gen. Santos		06 05N 125 09E						
	Korea, Republic of	Main	Inchon National Maritime Police Agency	004401001	37 45N 126 36E	120	Operational	SD	24 hrs	Inchon RCC	
		Main	Busan National Maritime Police Agency		35 07N 129 05E	120	Planned[10.1997]			Busan RCC	
		Main	Donghae National Maritime Police Agency	004401002	37 31N 129 07E	120	Operational			Donghae RCC	
		Main	Mokpo National Maritime Police Agency		34 47N 126 24E	120	Planned[10.1997]			Mokpo RCC	
		Main	Cheju National Maritime Police Agency		33 31N 126 32E	120				Cheju RCC	
	Singapore	Main	Singapore Port Operations Control	005630002	01 16N 103 51E	200	Operational	SD	24 hrs	Singapore Port Operations Control Centre	
	Thailand	Main	Bangkok Radio	005671000	13 23N 100 38E	162	Planned[1999]	PS	24 hrs	Bangkok RCC	
		Main	Songkhla Radio	NI	07 10N 100 37E	162	Planned			Sub RCC Songkhla	
	Vietnam	Main	Ho Chi Minh-Ville Radio	005741994	10 47N 106 40E	100	Operational	PS	24 hrs	Saigon port Authority	
		Main	Haiphong Radio	005741997	20 44N 106 44E	100				Haiphong port Authority	
		Main	Danang Radio	005741998	16 05N 108 13E	100	Planned[N.I.]			Danang port Authority	
		Main	Nhatrang Radio	005742001	12 15N 109 12E	100	Nhatrang port Authority				
		Main	Vungtau Radio	005742004	10 19N 107 04E	100	Vungtau port Authority				
	Associate Member of IMO Hong Kong, China	Main	Hong Kong Maritime Rescue Radio, Cape D'aguilar	004773500	22 12N 114 15E	200	Operational	SD	24 hrs	Hong Kong MRCC	
		Main	Mt. Butler		22 16N 114 12E	200					
	XII	Canada	TBD								
		Mexico	Main	Mazatlan	003450810	23 12N 106 26W	150	Operational	PS	24 hrr	Zona Naval
			Monitor	Acapulco	003451810	16 51N 099 54W	150	Planned[30.03.2000]			
Ensenada				003450210	31 25N 116 37W	150	Planned[30.06.2000]				
Manzanillo				003451410	18 15N 104 13W	150	Planned[30.07.2000]				
La Paz				003450410	24 04N 110 20W	150	Planned[30.08.2000]				
Guaymas				003450610	27 58N 110 50W	150	Planned[30.04.2000]				
Guaymas		003452010	16 16N 095 11W	150	Planned[30.10.2000]						
United States		Main	Port Angeles	003669904	48 08N 123 24W		Planned[2000]	SD	24 hrs	Seattle	
		Monitor	Quillayute		47 54N 124 38W						

NAV/MET Area	Country	MF DSC Coast Station						Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Watch hours on 2187.5kHz	RCC Associated			
		Type	Name	MMSI	Position	Range (NM)								
		Main	Honolulu	003669905	21 18N 157 52W						Honolulu			
		Monitor	Lualuai		21 16N 158 09W									
		Main	Humboldt Bay	003669909	40 46N 124 03W						Alameda			
		Monitor	Point Arena		38 57N 123 44W									
		Main	Monterey	003669910	36 40N 121 55W									
		Monitor	Point Pinos		36 38N 121 56W									
		Main	North Bend	003669911	43 25N 124 14W							Seattle		
		Monitor	Cape Arago		43 20N 124 22W									
		Main	Long Beach	003669912	33 47N 118 13W							Alameda		
		Monitor	Point Conception		34 27N 120 28W									
		Main	San Diego	003669913	32 44N 117 10W									
		Monitor	San Clemente		32 53N 118 27W									
		Main	Juneau	003669922	58 18N 134 25W								Juneau	
		Monitor	Lena Point		58 23N 134 45W									
		Monitor	Yakutat		59 33N 139 44W									
		Main	Ketchikan	003669923	55 54N 131 50W									
		Monitor	Pt. Higgins		55 54N 131 50W									
		Main	Valdez	003669924	61 08N 145 21W									
		Monitor	Cape Hinchinbrook		60 14N 146 38W									
		Monitor	Cape Yakataga		60 04N 142 25W									
		Main	San Francisco	003669926	37 38N 122 23W									Alameda
		Main	Astoria	003669935	46 12N 123 57W									Seattle
		Monitor	Ft. Stevens		46 12N 123 57W									
Main	San Francisco	003669990	37 56N 122 44W		Alameda									
Main	Kodiak	003669899	57 46N 152 34W		Juneau									
Main	Honolulu	003669993	21 26N 158 09W		Honolulu									
XIII	Russian Federation	Main	Vladivostok (Cape of Kamenskiy)	002734412	42 45N 133 02E	1503	Operational	SD	24 hrs	MRCC Vladivostok				
		Main	Vanino		49 05N 140 20E	150	Planned[2000]			MRSC Kholmok				
		Main	Nevelsk		46 38N 141 51E	150				MRSC Petropavlovsk-Kamachatskiy				
		Main	Petropavlovsk-Kamachatskiy		53 00N 158 40E	150								
		Main	Magadan		59 40N 151 01E	150								

radius 150nm from 42 45N 133 02E starting with Korian coast to 42 33N 136 25E, then straightforward to Cape of Olarovskiy.

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz
		Main	Arkhangelsk	002734414	64 21N 40 37E	150				MRSC Arkhangelsk
		Main	Murmansk	002734420	68 52N 33 05E	1704	Operational	PS		MRCC Murmansk
XIV	Fiji	Main	Suva	005201100	18 08S 17 83E	200	Operational	SD	24 hrs	RCC Wellington RCC Funafuti RCC Nadi Nat. Surv. Centre-Samoa Mar. Div.-Tarawa RCC Canberra
XV	Chile	Main	Arica	007250010	18 29S 70 19W	180	Operational	SD	24 hrs	MRCC Iquique
		Main	Iquique	007250020	20 21S 70 25W	180				
		Main	Antofagasta	007250050	23 40S 70 25W	180	Planned			MRCC Valparaiso
		Main	Caldera	007250080	27 04S 70 42W	180				
		Main	Isla de Pascua	007250100	27 11S 109 25W	180	Operational			
		Main	Coquimbo	007250110	29 56S 71 13W	180	Planned			
		Main	Juan Fernandez	007250130	33 37S 78 50W	180				
		Main	Valparaiso	007251860	33 01S 71 39W	250	Operational	PS		
		Main	San Antonio	007250140	33 34S 71 37W	180		SD		
		Main	Talcahuano	007250170	36 42S 73 06W	180	Planned			MRCC Talcahuano
		Main	Valdivia	007250220	39 48S 73 15W	120				
		Main	Puerto Montt	007250230	41 47S 73 53W	180				MRCC Puerto Montt
		Main	Castro	007250250	42 29S 73 46W	120				
		Main	Isla Guafo	007250290	43 34S 74 50W	180	Operational			
		Main	Aysen	007250300	45 24S 72 42W	80				
		Main	Raper	007250310	46 49S 75 37W	180	Planned			MRCC Punta Arenas
		Main	San Pedro	007250320	47 43S 74 53W	180				
		Main	Puerto Eden	007250330	49 38S 74 26W	80				
		Main	Puerto Natales	007250340	51 45S 72 32W	120				
		Main	Evangelistas	007250350	52 24S 75 06W	180				
Main	Bahia Felix	007250370	52 58S 74 04W	120						
Main	Punta Arenas	007250380	53 10S 70 54W	180	Operational					
Main	Punta Delgada	007250390	52 28S 69 33W	120						
Main	Dungenes	007250400	52 24S 68 26W	180	Planned					
Main	Puerto Williams	007250420	54 56S 67 37W	120						

4 Except the area beneath latitude 69N.

NAV/MET Area	Country	MF DSC Coast Station							RCC Associated	
		Type	Name	MMSI	Position	Range (NM)	Status of implementation [Date of operation]	Purpose (PC/SD/PS)		Watch hours on 2187.5kHz
		Main	Wollaston	007250430	55 37S 68 18W	180				
		Main	Diego Ramirez	007250440	56 31S 68 43W	180				
		Main	Bahia Fildes(Antarctica)	007250450	62 13S 58 49W	180				
		Main	Base A.Prat(Antarctica)	007250460	62 29S 59 32W	180				
XVI	Peru	Main	Paita	007600121	05 05S 81 07W	200	Operational	SD	24 hrs	Paita
		Main	Callao	007600125	12 03S 77 09W	200				Callao
		Main	Mollendo	007500129	17 01S 72 01W	200	Planned[12.1997]	Mollendo		

\*\* Australia has not declared A2 areas formally, however it maintains the watchkeeping on MF DSC at coast stations mentioned.

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## ANNEX 4

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

NAV/MET Area	Country	HF DSC Coast Station							RCC Associated
		Name	MMSI	Position	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Frequency Band*	Watch hours	
I	Denmark	Lyngby Radio	002191000	55 50N 11 25E	Operational	SD	4,6,8,12,16 MHz	24 hrs	SOK, Aarhus
	Iceland	Reykjavik Radio		64 05N 21 51W	Planned[N.I.]	N.I.	4,6,8,12,16 MHz	N.I.	
	Poland	Szczecin Radio		53 28N 14 35E	Planned[N.I.]	N.I.	8,12,16 MHz	24 hrs	Polratok Gdynia Polratok Swinoujscie
II	Cape Verde	Sao Vicente Radio		N.I.	Planned[N.I.]	N.I.	N.I.	N.I.	
	Congo	Pointe Noire Radio		N.I.	Planned[N.I.]	N.I.	N.I.	N.I.	
	Côte Divoire	Abidjan Radio		N.I.	Planned[N.I.]	N.I.	N.I.	N.I.	
	Ghana	Tema Radio		05 37N 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 44N 25 40W	Planned[N.I.]	SD	4,6,8 MHz	24 hrs	MRCC Delgada RCC Lages
		Horta Radio	002040200	38 38N 28 32W					
	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	Gijon	002240997	43 34N 05 42W	Operational	SD	N.I.	24 hrs	
Finisterre		002240993	42 42N 03 59W						
Las Palmas		002240995	22 29N 15 25W						
III	Cyprus	Cyprus Radio	002091000	35 03N 33 17E	Operational	PS	4,8,16 MHz	24 hrs	RCC Larnaca RCC Episkopi
	Egypt	Alex. Radio	006221111	31 12N 29 52E	TBD	SD		24 hrs	RCC Cairo
		Port Said Radio	006221113	31 19N 32 18E				18 hrs (0600-0000)	
	Greece	Athinai Radio		37 36N 21 29E(Tx) 37 59N 21 18E(Rx)	Planned [End 2000]	PS	4,6,8,12,16 MHz	24 hrs	Piraeus Joint RCC 37 58N 23 40E
Piraeus Joint RCC <sup>(1)</sup>		237673000 237673100	37 58N 23 40E	Operational	SD				
(1)	At the moment and until, at least, the HF installation of the Athinai Radio becomes fully operational, and just for reasons of additional safety only, Hellenic Coast Guard keeps 24 hours watch on all HF DSC frequencies, using Piraeus Joint RCC station.								

NAV/MET Area	Country	HF DSC Coast Station							RCC Associated
		Name	MMSI	Position	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Frequency Band*	Watch hours	
		Aspropyrgos Radio <sup>(1)</sup>	002391000	38 02N 23 35E					
	Italy	TBD							
	Malta	Malta Radio		35 49N 14 32E	Planned[1998]	PC			
	Spain	Barcelona	002240991	41 20N 02 09E	Operational	SD		24 hrs	
	Turkey	Istanbul	002711000	40 59N 28 49E	Operational	PS	4,6,8,12,16 MHz	24 hrs	Ankara
IV	Canada	Iqaluit	003160023	63 44N 68 33W	Planned [2.1999]	PS	4,6,8,12,16 MHz	24 hrs	RCC Trenton
		Resolute (Remote Receive only)		74 45N 94 58W					
	Mexico	XDA	003450010	19 46N 98 42W	Planned [30.03.2000]	PS	4,6,8,12,16 MHz	24 hrs	Sria. De Marina Edo. Mayor Tel: 624-63-76,Fax624-63-65
	United States	Boston	003669991	41 42N 70 30W	Operational	SD	4,6,8,12,16 MHz	24 hrs	Boston
		Portsmouth	003669996	36 44N 76 01W					Portsmouth
		Miami	003669997	25 37N 80 23W					Miami
		San Juan	003669992	18 28N 66 07W	Planned[9.1997]				San Juan
New Orleans		003669994	29 53N 89 57W	Operational	New Orleans				
V	Uruguay	Montevideo		N.I.	Planned[N.I.]	N.I.	N.I.	N.I.	Montevideo
VI	Argentina	Argentina Radio	007010111	34 36S 58 28W	Operational	PS	4,6,8,12,16 MHz	24 hrs	RCC Buenos Aires
		Mar del Plata	007010003	38 03S 57 15W	Planned[N.I.]	N.I.		N.I.	Puerto Belgrano
		Rio Gallegos	007010010	51 37S 65 03W	Planned[N.I.]	N.I.	4,6,8,12,16 MHz	N.I.	Ushuaia
VII	Angola	Luanda Radio		N.I.	Planned[N.I.]	N.I.	N.I.		
	Mauritius	Mauritius Radio		N.I.	Planned[N.I.]	N.I.	N.I.		
	Mozambique	Maputo Radio		N.I.	Planned[N.I.]	N.I.	N.I.		
	South Africa	Cape Town Radio	006010001	33 40S 18 43N	Operational	SD	4,6,8,12,16 MHz	24 hrs	MRCC Cape Town

NAV/MET Area	Country	HF DSC Coast Station							RCC Associated	
		Name	MMSI	Position	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Frequency Band*	Watch hours		
VIII	India	Bombay Radio		N.I.	Planned[N.I.]	N.I.	4,6,8,12,16 MHz	N.I.	Bombay	
		Madras Radio							Cochin	
	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.			
IX	Egypt	Kosseir Radio	006221112	26 07N 34 17E	TBD	SD		18 hrs (0600-0000)	RCC Cairo	
	Jordan	Aqaba Radio		29 33N 34 59E	Planned[N.I.]	PS	4,8,12,16 MHz	N.I.		
	Oman	Muscat Radio			23 36N 58 30E	Planned[N.I.]	PS	4 MHz	0400-0500 UTC 1500-1700 UTC	HQ Royal Air Force of Sultanate of Oman
								8 MHz	0500-0700 UTC 1300-1500 UTC	
								12 MHz	0700-0900 UTC 1100-1300 UTC	
								16 MHz	0900-1100 UTC	
	Saudi Arabia	Damman Radio		26 26N 50 06E	Planned[N.I.]	N.I.	4,6,8,12,16MHz	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[End of 1995]	N.I.	4,6,8,12,16MHz	N.I.			
X	Australia	Perth Radio	005030331	31 48S 115 53E	Operational	SD	4,6,8,12,16MHz	24 hrs	RCC Australia	
		Brisbane	005030330	27 04S 153 03E						
XI	China	Shanghai Radio	004122100	31 06N 121 32E	Planned[End 1998]	PS	4,6,8,12,16 MHz	24 hrs	Shanghai MRCC	
	Indonesia	Ambon		N.I.	Planned[N.I.]	PS	N.I.	N.I.	RCC III	
		Balikpapan							RCC II	
		Bahjarmasin							RCC II	
		Belawan							RCC I	
		Bitung							RCC III	
		Dumai							RCC I	

NAV/MET Area	Country	HF DSC Coast Station						RCC Associated	
		Name	MMSI	Position	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Frequency Band*		Watch hours
		Jakarta							RCC I
		Jayapura							RCC IV
		Kupang							RCC III
		Makassar							RCC III
		Semarang							RCC II
		Sorong							RCC IV
		Surabaya							RCC II
		Japan	Tokyo Sea Patrol Radio						004310001
Philippines	Manila			Planned [1999]	SD	4,6,8,12,16 MHz	24 hrs	Manila	
Korea, Republic of	Inchon National Maritime Police Agency	004401001	37 45N 126 36E	Operational	PS	4,6 MHz	24 hrs	Inchon RCC	
	Busan National Maritime Police Agency		35 07N 129 05E	Planned[10.1997]				Busan RCC	
	Donghae National Maritime Police Agency	004401002	37 31N 129 07E	Operational				Donghae RCC	
	Mokpo National Maritime Police Agency		34 47N 126 24E	Planned[10.1997]				Mokpo RCC	
	Cheju National Maritime Police Agency		33 31N 126 32E	Planned[10.1997]				Cheju RCC	
Thailand	Bangkok Radio	005671000	13 23N 100 38E	Planned[1999]	PS	6,8 MHz	24 hrs	Bangkok RCC	
Vietnam	Ho Chi Minh Ville Radio	005741994	10 47N 106 40E	Operational	PS	6 MHz	24 hrs	Saigon Port Authority	
	Haiphong Radio	005741997	20 44N 106 44E			8 MHz		Haiphong Port Authority	
	Danang Radio	005741998	16 05N 108 13E	Planned[N.I.]		4 MHz		Danang Port Authority	

NAV/MET Area	Country	HF DSC Coast Station							RCC Associated
		Name	MMSI	Position	Status of implementation [Date of operation]	Purpose (PC/SD/PS)	Frequency Band*	Watch hours	
	Associate Member of IMO Hong Kong, China	Hong Kong Maritime Rescue Radio	004773500	22 12N 114 15E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Hong Kong MRCC
XII	United States	San Francisco	003669990	37 56N 122 44E	Operational	SD	4,6,8,12,16 MHz	24 hrs	Alameda
		Kodiak	003669899	57 46N 152 34E					
		Honolulu	003669993	21 26N 158 09E					
	Mexico	XDA	003450010	19 46N 98 42W	Planned[30.03.2000]	PS	4,6,8,12,16 MHz	24 hrs	Sria. De Marina Edo. Mayor Tel: 624-63-76,Fax624-63-65
XIII	NONE								
XIV	Fiji	RCC Suva	005201100	18 08S 178 26E	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		N.I.	Planned[1996]	SD	4,6,8,12,16 MHz	24 hrs.	Lower hutt
XV	Chile	Antofagasta	007250050	23 40S 70 25W	Operational	SD	4 MHz	24 hrs	MRCC Iquique
		Isla de Pascua	007250100	27 11S 109 25W			4 MHz		MRCC Valparaiso
		Valparaiso	007251860	33 01S 71 39W		PS	4,6,8,12,16 MHz		
		Talcahuano	007250170	36 42S 73 06W		SD	4 MHz		MRCC Talcahuano
		Puerto Montt	007250230	41 47S 73 53W			4 MHz		MRCC Puerto Montt
		Punta Arenas	007250400	53 10S 70 54W			4, 8 MHz		MRCC Punta Arenas
XVI	NONE								

\* The following frequencies are allocated for HF DSC distress and safety communication by the Radio Regulations.(Article N38)

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

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

## ANNEX 5

## LIST OF INMARSAT COAST EARTH STATIONS

NAV/MET Area	Country	Location	Ocean area	Service provided(Status of implementation[Date of operation])				RCC Associated
				INMARSAT-A	INMARSAT-B	INMARSAT-C	INMARSAT-E	
I	Denmark	Blavand	AOR-E			Operational		Aarhus
	Germany	Raisting	AOR-E	Operational	Operational	Operational	Operational	MRCC Bremen
			IOR	Operational	Operational	Operational	Operational	
			AOR-W	Operational	Operational			
			POR	Operational	Operational			
	Netherlands	Station 12 (Burum)	IOR	Operational	Operational	Operational		Coast Guard Centre Ijmuiden
			AOR-E	Operational	Operational	Operational		
			AOR-W	Operational	Operational	Operational		
			POR <sup>(1)</sup>	Operational				
	Norway	Eik	IOR	Operational	Operational	Operational		RCC Stavanger
			AOR-E	Operational	Operational	Operational		
			AOR-W	Operational	Operational	Operational		
	Poland	Psary	IOR	Operational				Gdynia
			AOR-E	Operational				
	United Kingdom	Goonhilly	AOR-E	Operational	Operational	Operational	Operational	Falmouth
			AOR-W	Operational	Operational	Operational	Operational	
IOR			Operational	Operational	Operational			
POR			Operational	Operational	Operational			
II	France	Pleumeur-Bodou	AOR-E	Operational			MRCC Etel	
			AOR-W	Operational				
			POR	Operational				
			IOR	Operational				
		Aussaguel	AOR-E		Operational	Operational		
(1)	Through Yamaguchi CES (Japan).							

NAV/MET Area	Country	Location	Ocean area	Service provided(Status of implementation[Date of operation])				RCC Associated
				INMARSAT-A	INMARSAT-B	INMARSAT-C	INMARSAT-E	
				IOR	Operational	Operational		
	Portugal	Sintra	AOR-E			Operational		MRCC Lisbon
III	Greece	Thermopylae	IOR	Operational	Operational	Operational		Piraeus Joint RCC
			AOR-E	Operational	Operational	Operational		
	Italy	Fucino	AOR-E	Operational	Operational	Operational		MRCC Roma
			IOR	Operational	Operational	Operational		
	Turkey	Ata	IOR	Operational		Operational		
			AOR-E	Operational		Operational		
Ukraine	Odessa	IOR	Operational					
		AOR-E	Operational					
IV	Canada	Laurentides	AOR-E		Operational			Halifax
			AOR-W		Operational			
	United States	Southbury	AOR-E	Operational	Operational	Operational		Portsmouth
			AOR-W	Operational	Operational	Operational		
		Staten Island	AOR-E	Operational				
V	Brazil	Tangua	AOR-E	Operational		Operational		Salvamar-Su Este ; Rio de Janeiro
VI	NONE							
VII	NONE							
VIII	India	Arvi	IOR	Operational	Operational	Operational		
IX	Egypt	Maadi	AOR-E	Operational				RCC Cairo
	Iran	Boumehen	IOR	Operational		Operational		
	Kuwait	Umm-Al-Aish	AOR-E	Operation Discontinued				
	Pakistan	TBD	IOR	TBD	TBD	TBD	TBD	TBD
	Saudi Arabia	Jeddah	IOR	Operational				Jeddah
	Unite Arab Emirates	Towi Al Sawan	IOR		Operational			
X	Australia	Perth	POR	Operational	Operational	Operational	Operational	RCC Australia



NAV/MET Area	Country	Location	Ocean area	Service provided(Status of implementation[Date of operation])				RCC Associated
				INMARSAT-A	INMARSAT-B	INMARSAT-C	INMARSAT-E	
				IOR	Operational	Operational	Operational	
XI	China	Beijing	POR	Operational	Planned[1997]	Operational		China MRCC
			IOR	Operational	Planned[1997]	Operational		
	Indonesia	Jatiluhur	IOR		Operational			
	Japan	Yamaguchi	POR	Operational	Operational	Operational		Otaru MRCC Shiogama MRCC Yokohama MRCC Nagoya MRCC Kobe MRCC Hiroshima MRCC Kitakyushu MRCC Maizuru MRCC Niigata MRCC Kagoshima MRCC Naha MRCC
			IOR	Operational	Operational	Operational		
	Malaysia	Kuantan	IOR	Operational	Operational			MRCC Port Klang
	Republic of Korea	Kumsan	POR	Operational		Operational		Inchon MRCC
			IOR	Operational		Operational		
	Singapore	Sentosa	POR	Operational	Operational	Operational		Singapore Port Operations Control Centre
			IOR	Operational	Operational	Operational		
	Thailand	Planned [TBD]						
	<u>Associate Member of IMO</u> Hong Kong, China	Cape D'Aguilar	POR	Operational	Operational			MRCC Hong Kong
IOR			Operational	Operational				
XII	United States	Santa Paula	POR	Operational	Operational	Operational		Alameda
		Niles Canyon	POR	Operational			Operational	
			AOR-W	Operational			Operational	Portsmouth
XIII	Russian Federation	Nakhodka	POR	Operational				Vladivostok
XIV	None							
XV	None							
XVI	None							

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## ANNEX 6

## LIST OF RESCUE CO-ORDINATION CENTRES USING SHIP EARTH STATIONS

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation [Date of implementation]	
		Name	Position	ID	Type	Ocean Region Accessed		
I	Estonia	Tallinn	N.I.	N.I.	Inmarsat-C	N.I.	Planned	
	Germany	MRCC Bremen	53 04N 08 48E	492621021	Inmarsat-C	AOR-E	Operational	
	Ireland	Eiln	N.I.	N.I.	N.I.	N.I.	Planned[N.I.]	
	Finland	RCC Turku	60 26N 22 14E		Inmarsat-B	AOR-E	Planned[1996]	
	Latvia	MRCC Riga	Riga	1420154	Inmarsat-A	AOR-E	Operational	
	Sweden	MRCC Goteborg	57 28N 11 56E	Voice 326590010	Inmarsat-B	AOR-E, AOR-W, IOR	Operational	
				Fax 326590011				
				data 326590012				
			HSD391011650					
			Tlx 326590013					
			426590010	Inmarsat-C	AOR-E, AOR-W, IOR			
United Kingdom	MRCC Falmouth	Falmouth	1441532	Inmarsat-A	AOR-E	Operational		
			423200159	Inmarsat-C	AOR-W			
			423200158	Inmarsat-C	AOR-E			
II	Portugal	MRCC Lisbon	Lisbon	N.I.	N.I.	N.I.	Planned[N.I.]	
III	Bulgaria	Varna	N.I.	N.I.	N.I.	N.I.	Planned[N.I.]	
	Croatia	Split	43 30N 16 28E	N.I.	N.I.	N.I.	Planned[N.I.]	
	Estonia	Tallinn	N.I.	N.I.	N.I.	N.I.	Planned[N.I.]	
	Greece	Piraeus Joint RCC	37 58N 23 40E	1133207	Inmarsat-A	AOR-E/ IOR	Operational	
				423767310	Inmarsat-C	AOR-E/ IOR		
	Italy			TBD				
	Israel	Isres-1	N.I.	N.I.	N.I.	N.I.	N.I.	Planned[N.I.]
		Isres-2	N.I.	N.I.	N.I.	N.I.	N.I.	Planned[N.I.]
Turkey	Ankara	N.I.	N.I.	N.I.	N.I.	N.I.	Planned[1998]	
IV	Bermuda (United Kingdom)	RCC Bermuda	32 23N 64 41W	431010110	Inmarsat-C	AOR-E	Operational	
	France	MRCC Fort de France	14 36N 61 04W	422799024	Inmarsat-C	AOR-E, AOR-W	Operational	
	Jamaica	Jamaica Defence Force Coast Guard	17 58N 76 47W		Inmarsat-A	AOR-E	Planned [12. 2000]	
JDFCG Discovery Bay		18 26N 77 25W		Inmarsat-C				

NAV/MET Area	Country	RCC		SES DETAIL			Status of implementation [Date of implementation]
		Name	Position	ID	Type	Ocean Region Accessed	
		JDFCG Pedro Cay	17 03N 77 46W		Inmarsat-C		
V	NONE						
VI	Argentina	MRCC Puerto Belgrano	38 53S 62 06E	497222227	Inmarsat-C	AOR-E, AOR-W	Operational
VII	NONE						
VIII	NONE						
IX	Egypt	Suez Canal Authority	Ismailia Radio	1622570	Inmarsat-A	AOR-E	Operational
X	Australia	RCC Australia	35 15S 149 05E	450300458	Inmarsat-C	POR	Operational
XI	China	Beijing	N.I.	N.I.	N.I.	N.I.	Operational
	Japan	TBD	N.I.	N.I.	N.I.	N.I.	Planned [N.I.]
	Philippines	Manila	N.I.	N.I.	Inmarsat-B	POR	Planned [1999]
	<u>Associate Member of IMO</u> Hong Kong, China	Hong Kong MRCC	Hong Kong	447735010	Inmarsat-C	POR	Operational
XII	NONE						
XIII	NONE						
XIV	NONE						
XV	NONE						
XVI	NONE						

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## 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 [Date of operation]
I	Belgium	Oostende	51 11N 02 48E	150	M	0200,0600,1000,1400,1800,2200	English	Operational (Dover Strait broadcast for UK)
				55	T	0310,0710,1110,1510,1910,2310		Operational
	Denmark (Greenland-East Coast)	Reykjavik	64 05N 21 51W	550	X	0350,0750,1150,1550,1950,2350	English	On trial
	Estonia	Tallinn	59 30N 24 30E	250	U	0030,0430,0830,1230,1630,2030	English	Operational
	Iceland	Reykjavik Radio	64 05N 21 51W	550	R	0250,0650,1050,1450,1850,2250	English	Operational
	Ireland	Valencia	51 27N 09 49W	400	W	0340,0740,1140,1540,1940,2340	English	Operational
		Malin Head	55 22N 07 21W	400	Q	0240,0640,1040,1440,1840,2240		
	France	Niton	50 35N 01 18W	270	K	0140,0540,0940,1340,1740,2140	English	Operational
	Netherlands	Netherlands Coast Guard	52 06N 04 15E	110	P	0230,0630,1030,1430,1830,2230	English	Operational
	Norway	Bodo Radio	67 16N 14 23E	450	B	0010,0410,0810,1210,1610,2010	English	Operational
		Rogaland Radio	58 48N 05 34E	450	L	0150,0550,0950,1350,1750,2150		
		Vardoe Radio	70 22N 31 06E	450	V	0330,0730,1130,1530,1930,2330		
		Svalbard Radio	78 04N 13 38E	450	A	0000,0400,0800,1200,1600,2000		
		Ølandet	63 40N 09 33E	450	N	0210,0610,1010,1410,1810,2210		
	Sweden	Stockholm Radio/ Bjuröklubb	64 28N 21 36E	300	H	0110,0510,0910,1310,1710,2110	English	Operational
		Stockholm Radio/ Gislövshammar	55 29N 14 19E	300	J	0130,0530,0930,1330,1730,2130		
		Grimeton	57 06N 12 23E	300	D	0030,0430,0830,1230,1630,2030		
United Kingdom	Cullercoats	55 02N 01 26W	270	G	0100,0500,0900,1300,1700,2100	English	Operational	
	Portpatrick	54 51N 05 07W	270	O	0220,0620,1020,1420,1820,2220			
	Niton	50 35N 01 18W	270	S	0300,0700,1100,1500,1900,2300			
II	Cameroon	Douala	N.I.	N.I.	Not yet allocated		N.I.	Planned[N.I.]
	Cape Verde	Sao Vicente Radio	N.I.	N.I.	Not yet allocated		N.I.	Planned[N.I.]
	France	Cross Corsen	48 28N 05 03E	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 36N 07 38W	180	M	0200,0600,1000,1400,1800,2200	English	Planned[N.I.]
	Portugal	Horta Radio	38 32N 28 38W	640	F	0050,0450,0850,1250,1650,2050	English	Operational
		Monsanto Radio	38 44N 09 11W	530	R	0250,0650,1050,1450,1850,2250		

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
		Madeira (Porto Santo)	N.I.	N.I.	P	0230,0630,1030,1430,1830,2230		Planned
	Spain	Coruña	43 21N 08 27W	400	D	0030,0430,0830,1230,1630,2030	English & Spanish (trial)	Operational
		Tarifa	36 01N 05 34W	400	G	0100,0500,0900,1300,1700,2100		
		Las Palmas	28 10N 15 25W	400	I	0120,0520,0920,1320,1720,2120		
III	Bulgaria	Varna	43 04N 27 46E	350	J	0130,0530(weather forecast), 0930, 1330,1730(weather forecast), 2130	English	Operational
	Croatia	Split (Hvar Is)	43 30N 16 29E	85	Q	0240,0640,1040,1440,1840,2240	English	Operational
	Cyprus	Cypradio	35 03N 33 17E	200	M	0200,0600,1000,1400,1800,2200	English	Operational
	Egypt	Alexandria	31 12N 29 52E	350	N	0210,0610,1010,1410,1810,2210	English	
	France	Cross La Garde	43 06N 05 59E	250	W	0340,0740,1340,1540,1940,2340	English	Operational
	Greece	Iraklion	35 20N 25 07E	280	H	0110,0510,0910,1310,1710,2110	English & Greek	Operational
		Kerkyra	39 37N 19 55E	280	K	0140,0540,0940,1340,1740,2140		
		Limnos	39 52N 25 04E	280	L	0150,0550,0950,1350,1750,2150		
	Israel	Haifa	32 49N 35 00E	200	P	0020,0420,0820,1220,1620,2020	English	Operational
	Italy	Roma	41 37N 12 29E	320	R	0250,0650,1050,1450,1850,2250	English & Italian	Planned[N.I.]
		Augusta	37 14N 15 14E	320	S	0300,0700,1100,1500,1900,2300		
		Cagliari	39 13N 09 14E	320	T	0310,0710,1110,1510,1910,2310		
		Trieste	45 40N 13 46E	320	U	0320,0720,1120,1520,1920,2320		
	Malta	Malta	35 49N 14 32E	400	O	0220,0620,1020,1420,1820,2220	English	Operational
	Russian Federation	Novorossiysk	44 42N 37 44E	300	A	0300,0700,1100,1500,1900, 2300	English	Operational
	Spain	Cabo de la Nao	38 43N 00 09E	300	X	0350,0750,1150,1550,1950,2350	English & Spanish	Operational
	Turkey	Istanbul	41 04N 28 57E	300	D	0030,0430,0830,1230,1630,2030	English	Operational
		Samsun	41 17N 36 20E	300	E	0040,0440,0840,1240,1640,2040		
		Antalya	36 53N 30 42E	300	F	0050,0450,0850,1250,1650,2050		
		Izmir	38 22N 26 36E	300	I	0120,0520,0920,1320,1720,2120		
Ukraine	Mariupol	47 06N 37 33E	280	B	0100,0500(weather forecast), 0900(ice report), 1300, 1700 (weather forecast), 2100	English	Operational	
	Odessa	46 29N 30 44E	280	C	0230,0630,1030(weather forecast), 1430, 1830(weather forecast, ice report), 2230			
IV	Bermuda (UK)	Bermuda	32 23N 64 41W	280	B	0010,0410,0810,1210,1610,2010	English	Operational
	Canada	Riviere-au-Renard	50 11N 66 07W	300	C	0020,0420,0820,1220,1620,2020	English	Operational
					D	0035,0435,0835,1235,1635,2035		
		Wiarion	44 20N 81 10W	300	H	0110,0510,0910,1310,1710,2110		

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
		St. Johns	47 30N 52 40W	300	O	0220,0620,1020,1420,1820,2220		
		Thunder Bay	48 25N 89 20W	300	P	0230,0630,1030,1430,1830,2230		
		Sydney, Nova Scotia	46 10N 60 00W	300	Q	0240,0640,1040,1440,1840,2240		
					J	0255,0655,1055,1455,1855,2255		
		Yarmouth	43 45N 66 10W	300	U	0320,0720,1120,1520,1920,2320		
					V	0335,0735,1135,1535,1935,2335		
	Labrador	53 42N 57 01W	300	X	0350,0750,1150,1550,1950,2350			
	Iqaluit	63 43N 68 33W	N.I.	T	0310,0710,1110,1510,1910,2310	Trial (Summer only)		
	Curaçao (Netherlands)	Curaçao	12 10N 68 52W	400	H	0110,0510,0910,1310,1710,2110	English	Operational
	Denmark (Greenland-West Coast)	Kook Island (Nuuk)	64 04N 52 01W	400	W	0340,0740,1140,1540,1940,2340	English	Trial
	Mexico	Veracruz	19 09N 96 07W	250	N.I.		English	Planned [N.I.]
		Cozumel	20 16N 86 44W	250				Planned [N.I.]
	United States	Miami	25 37N 80 23W	240	A	0000,0400,0800,1200,1600,2000	English	Operational
		Boston	41 43N 70 30W	200	F	0445,0845,1245,1645,2045,0045		
		New Orleans	29 53N 89 57W	200	G	0300,0700,1100,1500,1900,2300		
Portsmouth		36 43N 76 00W	280	N	0130,0530,0930,1330,1730,2130			
Isabella		18 28N 67 04W	200	R	0200,0600,1000,1400,1800,2200			
Savannah		32 08N 81 42W	200	E	0040,0440,0840,1240,1640,2040			
Venezuela	N.I.						Planned [1999]	
V	NONE							
VI	Argentina	Ushaia	54 48S 68 18W	280	M	0200, 1000, 18000600, 1400, 2200	SpanishEnglish	Operational
		Rio Gallegos	51 37S 65 03W	280	N	0210, 1010, 18100610, 1410, 2210	SpanishEnglish	
		Comodoro Rivadavia	45 51S 67 25W	280	O	0220, 1020, 18200620, 1420, 2220	SpanishEnglish	
		Bahia Blanca	38 43S 62 06W	280	P	0230, 1030,18300630, 1430, 2230	SpanishEnglish	
		Mar del Plata	38 03S 57 32 W	280	Q	0240, 1040, 18400640, 1440, 2240	SpanishEnglish	
		Buenos Aires	34 36S 58 22W	560	R	0250, 1050, 18500650, 1450, 2250	SpanishEnglish	
	Uruguay	La Paloma	34 40N 54 09W	280	F	0050,0450,0850,1250,1650,2050	English & Spanish	Planned
VII	Namibia	Walvis Bay	23 03S 14 37E	378	B	0010,0410,0810,1210,1610,2010	English	Operational
	South Africa	Cape Town	33 40S 18 43E	500	C	0020,0420,0820,1220,1620,2020	English	Operational
		Port Elizabeth	34 02S 25 33E	500	I	0120,0520,0920,1320,1720,2120		
		Durban	30 00S 31 30E	500	O	0220,0620,1020,1420,1820,2220		

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
VIII	India	Bombay	19 05N 72 50E	N.I.	G	0100,0500,0900,1300,1700,2100	English	Operational
		Madras	13 08N 80 10E	N.I.	P	0230,0630,1030,1430,1830,2230		Planned
		Andaman Islands(Port Blair)	NI	NI	NI	NI		
	Mauritius	Mauritius Radio, Cassis	20 10S 57 28 E	400	C	0020,0420,0820,1220,1620,2020	English	Operational
IX	Bahrain	Hamala	26 09N 50 28E	300	B	0010,0410,0810,1210,1610,2010	English	Operational
	Egypt	Serapeum (Ismailia)	30 28N 32 22E	200	X	0350,0750,1150,1550,1950,2350	English	Operational
		Kosseir	26 06N 34 17E	400	L	0330,0730,1130,1530,1930,2330		
	Iran	Bushehr	28 59N 50 50E	300	A	0000,0400,0800,1200,1600,2000	English	Operational
		Bandar Abbas	27 07N 56 04E	300	F	0050,0450,0850,1250,1650,2050		
	Saudi Arabia	Jeddah	21 23N 39 10E	390	H	0705,1305,1905	English	Operational
	Oman	Muscat	23 36N 58 30E	270	M	0200,0600,1000,1400,1800,2200	English	Operational
Pakistan	Karachi	24 51 N 67 03E	400	P	0230,0630,1030,1430,1830,2230	English	Operational	
X	NONE <sup>(1)</sup>							
XI	China	Sanya	18 14N 109 30E	250	M	0200,0600,1000,1400,2200	English & Chinese	Operational
		Guangzhou	23 08N 113 32E	250	N	0210,0610,1010,1410,2210		
		Fuzhou	26 01N 119 18E	250	O	0220,0620,1020,1420,2220		
		Shanghai	31 08N 121 33E	250	Q	0240,0640,1040,1440,2240		
		Dalian	38 52N 121 31E	250	R	0250,0650,1050,1450,2250		
	Indonesia	Jayapura	02 31S 140 43E	300	A	0000,0400,0800,1200,1600,2000	English	Operational
		Ambon	03 42S 128 12E	300	B	0010,0410,0810,1210,1610,2010		
		Makassar	05 06S 119 26E	300	D	0030,0430,0830,1230,1830,2030		
		Jakarta	06 06S 106 54E	300	E	0040,0440,0840,1240,1640,2040		
	Japan	Otaru	43 19N 140 27E	400	J	0130,0530,0930,1330,1730,2130	English	Operational
		Kushiro	42 57N 144 36E	400	K	0140,0540,0940,1340,1740,2140		
		Yokohama	35 14N 139 55E	400	I	0120,0520,0920,1320,1720,2120		
		Moji	34 01N 130 56E	400	H	0110,0510,0910,1310,1710,2110		
		Naha	26 05N 127 40E	400	G	0100,0500,0900,1300,1700,2100		
Malaysia	Penang	05 26N 100 24E	350	U	0320,0720,1120,1520,1920,2320	English	Operational	
	Miri	04 28N 114 01E	350	T	0310,0710,1110,1510,1910,2310			
	Sandakan	05 54N 118 00E	350	S	0300,0700,1100,1500,1900,2300			

(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 [Date of operation]
	Philippines	Manila	14 35N 121 03E	320	J	0130,0530,0930,1330,1730,2130	English	Planned [1999]
		Puerto Princesa	09 44N 118 43E	320	I	0120,0520,0920,1320,1720,2120		
		Davao	07 04N 125 36E	320	K	0140,0540,0940,1340,1740,2140		
	Korea, Republic of	Chukpyon	37 03N 129 26E	200	V	0330,0730,1130,1530,1930,2330	English	Operational
		Pyonsan	35 36N 126 29E	200	W	0340,0740,1340,1540,1940,2340		
	Singapore	Singapore	01 25N 103 52E	400	C	0020,0420,0820,1220,1620,2020	English	Operational
	Thailand	Bangkok Radio	13 43N 100 34E	200	F	0050,0450,0850,1250	English	Operational
	United States	Guam	13 29N 144 50E	100	V	0100,0500,0900,1300,1700,2100	English	Operational
	Vietnam	Ho Chi Minh City	10 47N 106 40E	400	X	0350,0750,1150,1550,1950,2350	English	Operational
		Haiphong	20 44N 106 44E	400	W	0230,0630,1030,1430,1830,2230		
Danang		16 05N 108 13E		P	0340,0740,1140,1540,1940,2340			
Associate Member of IMO Hong Kong, China	Hong Kong	22 13N 114 15E	N.I.	L	0150,0550,0950,1350,1750,2150	English	Operational	
XII	Canada	Prince Rupert	54 20N 130 20W	300	D	0030,0430,0830,1230,1630,2030	English	Operational
		Tofino	48 55N 125 35W	300	H	0110,0510,0910,1310,1710,2110		
	Mexico	La Paz	24 08N 110 17W	250	N.I.		English	Planned[N.I.]
		Manzanillo	19 05N 104 18W	250				
		Salina Cruz	16 09N 095 12W	250				
	United States	San Francisco	37 55N 122 44W	350	C	0400,0800,1200,1600,2000,2400	English	Operational
		Kodiak	57 46N 152 34W	200	J	0300,0700,1100,1500,1900,2300		
		Honolulu	21 22N 158 09W	350	O	0040,0440,0840,1240,1640,2040		
		Cambria	35 31N 121 03W	350	Q	0445,0845,1245,1645,2045,0045		
		Astoria	46 10N 123 49W	216	W	0130,0530,0930,1330,1730,2130		
Adak		51 54N 176 39W	-	X				
XIII	Russian Federation	Kholmsk	47 02N 142 03E	300	B	0010,0410,0810,1210,1610,2010	English	Operational
		Murmansk	68 46N 032 58E	300	C	0020,0420,0820,1220,1620,2020		
		Arkhangelsk	64 33N 040 32E	300	F	0050,0450,0850,1250,1650,2050		
		Petropavlovsk - Kamchatskiy	53 00N 158 40E	300	C	0020,0420,0820,1220,1620,2020		
		Yanrangay	NI	NI	NI	NI		Planned
		Tuksi						
		Dickson						
		Anderma						
	Caspian Sea	Astrakhan	46 18N 047 58E	250	W	0340,0740,1140,1540,1940,2340	Planned [2000]	

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
XIV	NONE							
XV	Chile	Antofagasta	23 40S 70 25W	300	A	0400,1200,2000	English	Operational
					H	0000,0800,1600	Spanish	
		Valparaiso	32 48S 71 29W	300	B	0410,1210,2010	English	
					I	0010,0810,1610	Spanish	
		Talcahuano	36 42S 73 06W	300	C	0420,1220,2020	English	
					J	0020,0820,1620	Spanish	
		Puerto Montt	41 30S 72 58W	300	D	0430,1230,2030	English	
					K	0030,0830,1630	Spanish	
		Punta Arenas	53 09S 70 58W	300	E	0440,1240,2040	English	
L	0040,0840,1640				Spanish			
Isla de Pascua	27 09S 109 25W	300	F	0450,1250,2050	English			
			G	0050,0850,1650	Spanish			
XVI	Peru	Paita	05 05S 81 07W	200	S	0300,0700,1100,1500,1900,2300	English & Spanish	Operational
		Callao	12 03S 77 09W	200	U	0320,0720,1120,1520,1920,2320		
		Mollendo	17 01S 72 01W	200	W	0340,0740,1140,1540,1940,2340		Trial [Aug 2000]

### 490 kHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
I	Iceland	Reykjavik Radio	64 05N 21 51W	550	R	0318,0718,1118,1518,1918,2318	Icelandic	Operational
	United Kingdom	Cullercoats	55 02N 01 26W	N.I.	U	0320,0720,1120,1520,1920,2320	English	Planned
		Portpatrick	54 51N 05 07W		C	0020,0420,0820,1220,1620,2020		
		Niton	50 35N 01 18W		I	0120,0520,0920,1320,1720,2120		
II	France	CROSS Corsen	N.I.	N.I.	E	0040,0440,0840,1240,1640,2040	French	Planned [2000]
	Portugal	Monsanto	38 44N 09 11W	530	G	0100,0500,0900,1300,1700,2100	Portuguese	Planned
		Horta	38 32N 28 38W	640	J	0130,0530,0900,1330,1730,2130		
		Madeira (Porto Santo)	N.I.	N.I.	M	0200,0600,1000,1400,1800,2200		
III	France	CROSS La Garde	N.I.	N.I.	S	0300,0700,1100,1500,1900,2300	French	Planned [2000]
XI	Japan	Otaru	43 19N 140 27E	400	J	0051,0451,0851,1251,1651,2051	Japanese <sup>(1)</sup>	Operational
		Kushiro	42 57N 144 36E	400	K	0108,0508,0908,1308,1708,2108		

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

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
		Yokohama	35 14N 139 55E	400	I	0034,0434,0834,1234,1634,2034		
		Moji	34 01N 130 56E	400	H	0017,0417,0817,1217,1617,2017		
		Naha	26 05N 127 40E	400	G	0000,0400,0800,1200,1600,2000		
	Korea, Republic of	Chukpyon	37 03N 129 26E	200	J	0130,0530,09.30,1330,1730,2130	Korean	Operational
		Pyonsan	35 36N 126 29E	200	K	0140,0540,0940,1340,1740,2140		
	Vietnam	Haiphong	20 44N 106 44E	400	W	0230,0630,1030,1430,1830,2230	Vietnamese	Operational

#### 4 MHz NAVTEX

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range(NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
III, IX	Egypt	Serapeum(Ismailia)	30 28N 32 22E	N.I.	X	0750, 1150	English	Operational
IV	Mexico	Veracruz	19 09N 96 07W	250		N.I.	Spanish	Planned[N.I.]
		Cozumel	20 16N 86 44W	250				
V	Brazil	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	Planned[Aug.1993]
XI	Vietnam	Haiphong	20 44N 106 44E	N.I.	W	0230,0630,1030,1430,1830,2230	English	Operational
XII	Mexico	La Paz	24 08N 110 17W	250		N.I.	Spanish	Planned[N.I.]
		Manzanillo	19 05N 104 18W	250				
		Salina Cruz	16 09N 095 12W	250				

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

## ANNEX 8

## THE INTERNATIONAL SAFETYNET SERVICE

NAV/MET Area	Type of MSI	Country	CES	Ocean area	Area covered	Broadcast schedule (UTC)	Status of implementation [Date of operation]
I	NAV	United Kingdom*	Goonhilly	AOR-E		1730 + as appropriate	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	Station 12	AOR-E/W & IOR		As occasion demands	Planned[N.I.]
II	NAV	France*	Aussaguel	AOR-E	AREA II	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*	Goonhilly	AOR-E		1200, 2400 + on receipt	Operational
	MET	Greece**	Thermopylae	IOR	AREA III	0930, 2130	Operational
	SAR	Greece	Thermopylae	AOR-E & IOR	Greek SAR region	As occasion demands	Operational
IV	NAV	United States*	Southbury	AOR-W		1000, 2200	Operational
	MET	United States**	Southbury	AOR-W		0430, 1030, 1630, 2230	Operational
	SAR	United States	Southbury	AOR-W		As occasion demands	Operational
V	NAV	Brazil*	Tangua	AOR-E		0400, 1230	Operational
	MET	Brazil**	Tangua	AOR-E		0130, 0730, 1330, 1930	Operational
	SAR	Brazil	Tangua	AOR-E		As occasion demands	Operational
VI	NAV	Argentina*	Southbury	AOR-W	AREA VI	0200, 1400	Operational
	MET	Argentina**	Southbury	AOR-W	AREA VI	0230, 1730	Operational
	SAR	Argentina	Southbury	AOR-W	AREA VI	As occasion demands	Operational

NAV/MET Area	Type of MSI	Country	CES	Ocean area	Area covered	Broadcast schedule (UTC)	Status of implementation [Date of operation]
VII	NAV	South Africa*	Station 12	AOR-E/IOR		0940, 1940	Operational
		Mayotte (France)	Aussaguel	IOR		0330, 1530	Operational
		Kerguelen (France)	Aussaguel	IOR		0140, 1340	Operational
	MET	South Africa**	Goonhilly/Perth	AOR-E/IOR		0940, 1940	Operational
	SAR	South Africa	Goonhilly/Perth	AOR-E/IOR		As occasion demands	Operational
VIII	NAV	India*	Arvi	IOR	NAVAREA VIII	1000	Under trial [1997]
		La Reunion (France)	Aussaguel	IOR		0040, 1240	Operational
	MET	India**	Arvi	IOR	North of equator in AREA VIII	0900, 1800	Operational
		Mauritius	Perth	IOR	South of equator in AREA VIII	0830, 1630	Operational
	SAR	India	Arvi	IOR		N.I.	Planned [1997]
IX	NAV	Pakistan	Perth	IOR	NAVAREA IX	0800	Operational
	MET	Pakistan**	Perth	IOR		0500, 1700	Planned[N.I.]
		Australia (Saudi Arabia)	Perth	IOR		0845	Interim service <sup>(1)</sup>
	SAR	Pakistan	Perth	IOR	Pakistan SAR Region	As occasion demands	Operational
X	NAV	Australia*	Perth	IOR/POR		0700, 1900 + on receipt	Operational
	MET	Australia**	Perth	IOR	Western and Casey West. See figure 8-1	1030, 2330	Operational
				POR	All areas except Casey West. See figure 8-1	0550, 1100, 1850, 2300	Operational
	SAR	Australia	Perth	IOR/POR		As occasion demands	Operational
	COASTAL WARNINGS <sup>(1)</sup>	Australia	Perth	IOR/POR	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

(1) Interim service will be provided until the issuing Member nominated by WMO is able to provide a full service.

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

NAV/MET Area	Type of MSI	Country	CES	Ocean area	Area covered	Broadcast schedule (UTC)	Status of implementation [Date of operation]
	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
	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
	SAR	Malaysia	Singapore	POR/IOR		As occasion demands	Operational
	SAR/NAV/MET	Singapore	Singapore	POR/IOR		As occasion demands	Operational
		<u>Associate Member of IMO</u> Hong Kong	Perth	POR/IOR		As occasion demands	Operational
XII	NAV	United States*	Santa Paula/ Southbury	POR/AOR-W		1030, 2230	Operational
	MET	United States**	Santa Paula/ Southbury	POR/AOR-W		0545, 1145, 1745, 2345	Operational
	SAR	United States	Santa Paula/ Southbury	POR/AOR-W	U.S.SAR Region	As occasion demands	Operational
XIII	NAV	Russian Federation*	Perth	POR	All area in AREAXIII	0930, 2130	Interim Operation
		Japan	Perth	POR	South of 60°N in AREA XIII	0930, 2130	Operational
	MET	Russian Federation**	Perth	POR	North of 60°N in AREA XIII	0930, 2130	Interim Operation
		Japan	Perth	POR	South of 60°N in AREA XIII	0230, 0830, 1430, 2030	Operational <sup>(3)</sup>
XIV	NAV	New Zealand*	Perth	POR	Area covered by (20°S 160°E) (20°S 120°W) (55°S 160°E) (55°S 120°W)	On receipt + every 12 hrs.	Operational
	MET	New Zealand**	Perth	POR		0930, 2130 0100, 1300 (NZ coast only) 0330, 1530 (warnings only)	Operational
	SAR	New Zealand	Perth	POR		As occasion demands	Operational
		Tonga	TBD	TBD		As occasion demands	Planned[N.I.]
XV	NAV	Chile*	Southbury	AOR-W	AREA XV	0210, 1410, 2210	Operational
	MET	Chile**	Southbury	AOR-W	AREA XV	1845	Operational

(3) Same service to METAREA XI.

NAV/MET Area	Type of MSI	Country	CES	Ocean area	Area covered	Broadcast schedule (UTC)	Status of implementation [Date of operation]
	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



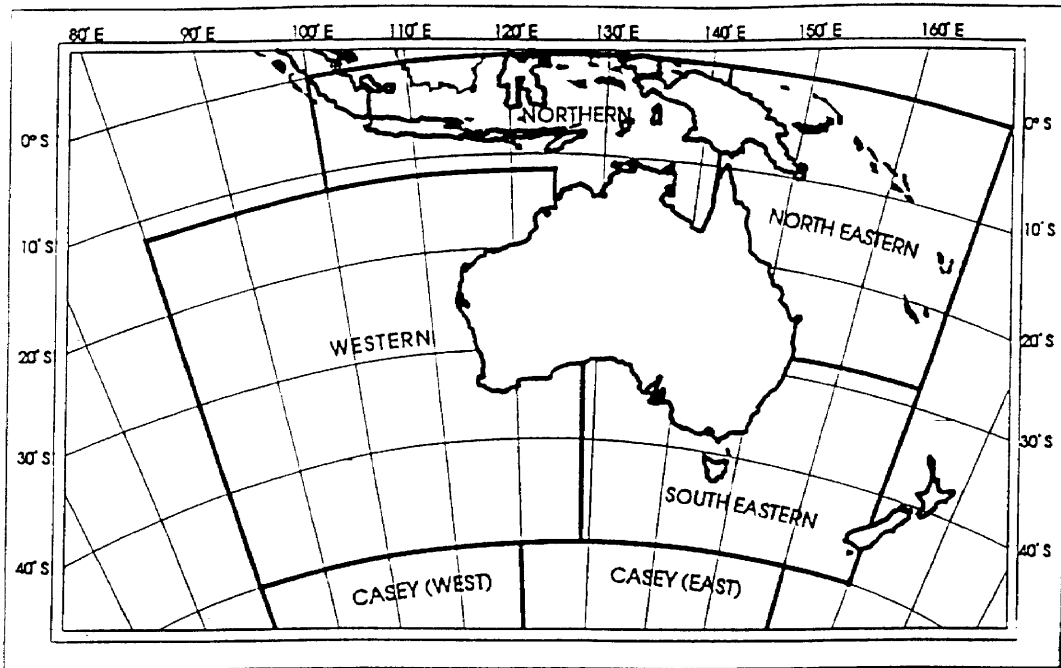


Figure 8-1 Areas for weather forecasts in Australia

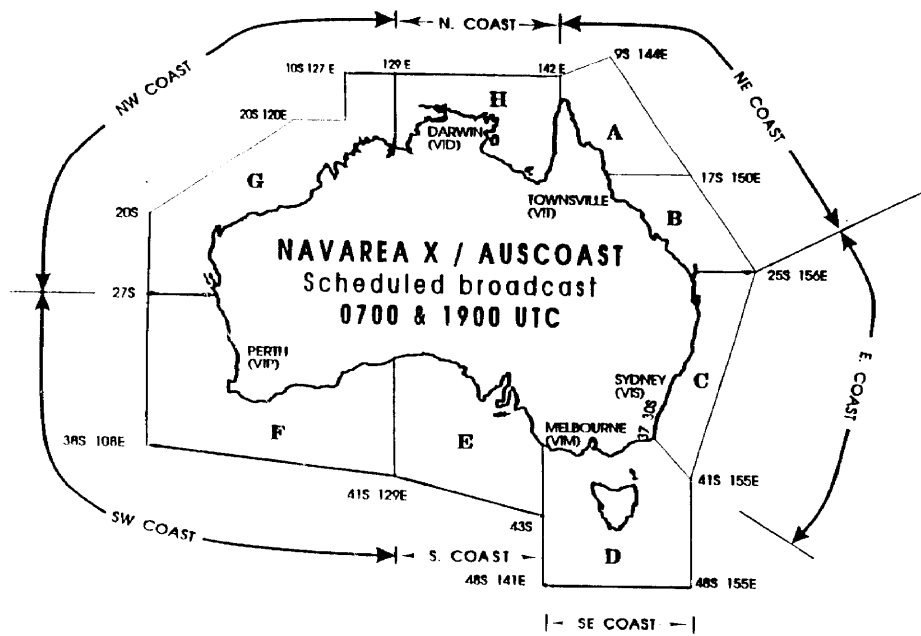


Figure 8-2 Areas for coastal navigational warnings on SafetyNET in Australia  
 (Pacific Ocean Region satellite)  
 (Indian & Pacific Ocean Region Satellite)

## APPENDICES

### TABLE OF INTERNATIONALLY CO-ORDINATED 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.

## ANNEX 9

## HF NBDP MARITIME SAFETY INFORMATION BROADCAST SERVICE

Country	NBDP Coast Station	Position	Frequency Band *	Schedule (UTC)	Status of implementation [Date of operation]
Argentina	Comodoro Rivadavia PNA Radio	45 51S 67 25W	4 MHz	0530, 2300	Operational
			8 MHz	0530, 1300, 1830, 2300	
			12 MHz	0530, 1300, 1830, 2300	
			19 MHz	1300, 1830	
Egypt	Alexandria	31 12N 29 52E	8 MHz	TBD	TBD
	Serapeum	30 28N 32 22E	4 MHz		Planned[1.2.1999]
			6 MHz		
			8 MHz		
Greece	TBD			Planned[N.I.]	
Indonesia	TBD			Planned[N.I.]	
Iran	Abbas	27 12N 57 17E	4 MHz	0730, 1430	Operational
			8 MHz	0330, 0530, 1230	Operational
			12 MHz	0830, 1030	Operational
Italy	TBD			Planned[N.I.]	
Peru	Paita	05 05S 81 07W	4,6,8,12,16,19,22,26MHz	N.I.	Operational
	Callao	12 03S 77 07W			
	Mollendo	17 01S 72 01W			Planned [12.1999]
South Africa	Cape Town	33 40S 18 43E	4 MHz(4214 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
			8 MHz(8428.5 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
			12 MHz(12601 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
			16 MHz(16816 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
United States	Boston	41 39N 70 33W	6 MHz	0030, 0140	Operational
			8 MHz	0030, 0140, 1218, 1630	Operational

(1) These are national frequencies, not frequencies allocated by the Radio Regulations(Article N38) for HF NBDP.

Country	NBDP Coast Station	Position	Frequency Band *	Schedule (UTC)	Status of implementation [Date of operation]
			12 MHz	0030, 0140, 1220, 1630	Operational
			16 MHz	1218, 1630	Operational
	Guam	13 29N 144 50E	12 MHz	0230, 0500, 0900, 1500, 1900, 2310	Operational
			16 MHz	0230, 0500, 0900, 1500, 1900, 2315	Operational
			22 MHz	0230, 0500, 0900, 1500, 1900, 2315	Operational
	Honolulu	21 26N 158 09W	8 MHz	0130, 0330, 0430, 0630, 0730, 1330, 1730, 2030, 2230	Operational
			12 MHz	0130, 0330, 0430, 0630, 0730, 1330, 1730, 2030, 2230	Operational
			22 MHz	0130, 1730, 2230	Operational
	San Francisco	37 56N 122 44W	8 MHz	0000, 1800	Operational
			16 MHz	0000, 1800	Operational

\* The following frequencies are allocated for NBDP MSI broadcast by the Radio Regulations(Article N38) ;

4 MHz = 4210 kHz

6 MHz = 6314 kHz

8 MHz = 8416.5 kHz

12 MHz = 12579 kHz

16 MHz = 16806.5 kHz

19 MHz = 19680.5 kHz

22 MHz = 22376 kHz

26 MHz = 26100.5 kHz

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## ANNEX 10

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

Ground Segment Operator	M C C			LEOLUT		RCC ASSOCIATED
	Location	Designator	Status of implementation [Date of operation]	Location	Status of implementation [Date of operation]	
Algeria	Algiers	ALMCC	Operational	Ouargla	Operational	RCC Algiers
Australia	Canberra	AUMCC	Operational	Albany	Operational	RCC Australia
				Bundaberg	Operational	
Brazil	Brasilia-DF	BRMCC - primary	Operational	Brasilia-DF	Combined LEO/GEOLUT to be commissioned	Salvamar/Salvaero
	São José dos Campos - SP	BRMCC - back-up	Operational	Recife-PE	Operational	
				Manaus-AM	Operational	
Canada	Trenton	CMCC	Operational	Churchill	Operational	
				Edmonton	Operational	
				Goose Bay	Operational	
Chile	Santiago	CHMCC	Operational	Santiago	Operational	MRCC Chile
				Punta Arenas	Operational	
China	Beijing	CNMCC	Operational	Beijing (Dual LEOLUT system)	Operational	
France	Toulouse	FMCC	Operational	Toulouse (Dual LEOLUT system)	Operational	MRCC Etel MRCC La Garde
Greece	TBD	GRMCC	Planned [2001]	TBD	Planned [2001]	
India	Bangalore	INMCC	Operational	Bangalore	Operational	
				Lucknow	Operational	
Indonesia	Jakarta	IDMCC	Operational	Ambon	Commissioned, not 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

Ground Segment Operator	M C C			LEOLUT		RCC ASSOCIATED
	Location	Designator	Status of implementation [Date of operation]	Location	Status of implementation [Date of operation]	
Japan	Tokyo	JAMCC	Operational	Yokohama (Dual LEOLUT system)→	Operational	Otaru MRCC Shiogama MRCC Yokohama MRCC Nagoya MRCC Kobe MRCC Hiroshima MRCC Kitakyushu MRCC Maizuru MRCC Niigata MRCC Kagoshima MRCC Naha MRCC
Korea, Republic of	Taejon	KOMCC	Operational	Taejon (Dual LEOLUT system)→	Operational	Inchon MRCC Kimpo RCC
New Zealand	Canberra (Australia)	AUMCC	Operational	Wellington	Operational	RCC Lower Hutt
Norway	Bodoe	NMCC	Operational	Tromsø	Operational	RCC Bodoe RCC Stavanger
Pakistan	Lahore	PAMCC	Under development	Lahore	Operational	CAA Lahore MSA Karachi
Peru	Callao	PEMCC	Operational	Callao	Operational	Callao
Russian Federation	Moscow	CMC	Operational	Arkhangelsk	Operational	
				Moscow	Operational	
				Nakhodka	Operational	
				Novosibirsk	Commissioned, not operational	
Saudi Arabia	Jeddah	SAMCC	Commissioned, subject of association with the Cospas-Sarsat Programme	Jeddah	Commissioned, subject of association with the Cospas-Sarsat Programme	
Singapore	Singapore	SIMCC	Operational	Singapore (Dual LEOLUT system)→	Operational	Singapore Port Operations Control Centre
South Africa	Cape Town	ZSMCC	Commissioning is in progress	Cape Town	Commissioned, subject of association with the Cospas-Sarsat Programme	
Spain	Maspalomas	SPMCC	Operational	Maspalomas	Operational	RCC Madrid RCC Baleares RCC Canarias (part of RCC Cape Town)
Thailand	TBD					
United Kingdom	Kinloss	UKMCC	Operational	Combe Martin	Operational	MRCC Falmouth ARCC Kinloss

Ground Segment Operator	M C C			LEOLUT		RCC ASSOCIATED
	Location	Designator	Status of implementation [Date of operation]	Location	Status of implementation [Date of operation]	
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 Elmendorf AFB ; Anchorage, AK Langley AFB ; Langley, VA CG Pacific ; Alamada, CA
				California (Dual LEOLUT system)→	Operational	
				Hawaii (Dual LEOLUT system)→	Operational	
				Texas (Dual LEOLUT system)→	Operational	
				Guam (Dual LEOLUT system)→	Operational	
				Puerto Rico (Dual LEOLUT system)→	Operational	
<u>Associate Member of IMO</u> Hong Kong, China	Hong Kong	HKMCC	Operational	Hong Kong (Dual LEOLUT system)→	Operational	MRCC Hong Kong

Note: LEOSAR low Earth orbit SAR satellite system.

**LIST OF COSPAS-SARSAT GEOLUTs (LOCAL USER TERMINALS IN GEOSAR SYSTEM)**

Ground Segment Operator	Location	Status of implementation	Comments
Brazil	Brasilia	Functional (a) (b)	Data not distributed internationally
Canada	Trenton (1) Trenton (2)	Functional (b) Functional (b)	
Chile	Santiago	Functional (b)	
India	Bangalore	Functional (b)	
New Zealand	Wellington	Operational	
Spain	Maspalomas	Functional (b)	
United Kingdom	Combe Martin	Operational	

Notes: GEOSAR geostationary SAR satellite system.

- (a) Combined LEO/GEOLUT operates part-time as a GEOLUT and part-time as a LEOLUT.
- (b) Functional GEOLUTs have not been commissioned, however, alert data are used operationally.

\* \* \*



○ = Used  
X = Not used

**ANNEX 12**  
**SATELLITE EPIRB REGISTRATION INFORMATION**

Country [MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
	406MHz	L-BAND	Serial No	MMSI	Call Sign		
Argentina [701]	○	○	○	○	○	National Maritime, Fluvial and Lacustre SAR Agency, <u>Address:</u> Base Naval Puerto Belgrano(CP8111), Buenos Aires, República Argentina <u>Phone:</u> +54(0)-0932-8-7140 +54(0)-0932-8-7150 +54(1)-317-2038 <u>Fax:</u> +54(0)-0932-8-7153	Dairy
Australia [503]	○	○	○	○	○	Manager Operations, Australian Search and Rescue (Aus SAR) <u>Address:</u> G.P.O.Box 2181, Canberra, Act 2601, Australia <u>Phone:</u> +61-2-6230-6811 <u>Fax:</u> +61-2-6230-6868 <u>Telex:</u> +71-62349 <u>AFN:</u> YSARYCYX <u>Internet:</u> rrcaus@amsa.gov.au	Whenever new numbers are received, but it is audited annually.
Bahamas [308]	○	○	X	○	X	HM Coastguard <u>Address:</u> Pendennis Point, Falmouth, U.K. <u>Phone:</u> +44-1326-317575 <u>Fax:</u> +44-1326-318342 <u>Telex:</u> 45560 (FALMCG G)	Continuous
Belgium [205]	○	○	X	○	X	IBPT (Institut belge des Services Postaux et des Telecommunications) <u>Address:</u> Sterrenkundelaan No.14, P.O.Box 21, B-1210 BRUXELLES <u>Phone:</u> +32-2-226-8856 <u>Telex:</u> +32-2-226-8802  (Monday to Friday 0600-1500 UTC)	Daily
Bermuda(UK) [310]	○	X	X	○	X	Department of Telecommunications <u>Address:</u> Golinsky Building, 60 Reid Street Hamilton HM1R, P.O. Box HM101 HAMILTON HMAX, Bermuda <u>Phone:</u> +1-441-292-4595 <u>Fax:</u> +1-441-295-1462	As required
Brazil [710]	○	X	X	○	X	Diretoria de Eletronica e Protecao Vo <u>Address:</u> DEPV, Aeroporto Santos Dumont-5° andar Rio de Janeiro, Brazil <u>Phone:</u> +55-21-2125-240 2122-065 <u>Fax:</u> +55-21-2125-233	
Bulgaria [207]	○	X.	○	X	○	State Shipping Inspectorate <u>Address:</u> 5n Primorski Boulevard, 9000Varna, Bulgaria <u>Phone:</u> +359-52-603113 <u>Fax:</u> +359-52-602317 <u>Telex:</u> 67-77460	Every 3 months
Canada [316]	○	X	○	X	X	Department of Communications Canadian Coast Guard <u>Address:</u> 9th Floor, Canada Building, 344 Slater Street, Ottawa, Ontario, K1A 0N7, Canada <u>Phone:</u> +1-613-990 3124 <u>Fax:</u> +1-613-996 8902	Daily with 365 day annual review
Chile [725]	○	X	X	○	X	Direccion General del Territorio Maritimo y de Marina Mercante (D.G.T.M y MM) <u>Phone:</u> +56-32-208283 +56-32-208284 <u>Fax:</u> +56-32-208042	

Country [MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database		Frequency of updating database	
	406MHz	L-BAND	Serial No	MMSI	Call Sign				
							<u>Address:</u> Errazuñz 537, Valparaiso, Chile	<u>Telex:</u> +56-32-208296 34 230602 DGTM CL 34 330607 ANGEL CK	
China [412]	○	N.I.	N.I.	○	N.I.	China Maritime Search and Rescue Centre <u>Address:</u> 11 Jianguomennei Ave., Beijing, 100736, China	<u>Phone:</u> +86-10-65292221 +86-10-65292218 <u>Fax:</u> +86-10-65292245 <u>Telex:</u> 222258 CMSAR CN	As required	
Colombia [730]	○	N.I.	N.I.	N.I.	N.I.	Departamento Administrativo de Aeronautica Civil <u>Address:</u> Bogota, Colombia	<u>Phone:</u> +57-1-4139598 +57-1-4139638 <u>Fax:</u> +57-1-4138091 <u>Telex:</u> 35-44844 35-44620		
Costa Rica [321]	○	N.I.	N.I.	N.I.	N.I.	Central America Search and Rescue Point of Contact	<u>Fax:</u> +55-21-2200515 <u>Telex:</u> 3912137113		
Croatia [238]	○	X	X	○	X	Harbour Master's Office (Open 24 hours a day) <u>Address:</u> 51000 Rijeka, Senjsko pristanište 3, Croatia	<u>Phone:</u> +385-51-214-031 51-212-474 <u>Fax:</u> +385-51-212-696 51-211-660	Every 10 days	
Cyprus [209] [210] [212]	○	X	X	○	X	Department of Merchant Shipping P.O.Box 6193, CY3305 LIMASSOL/CYPRUS ----- RCC LARNACA CY6650 LARNACA/CYPRUS ----- Cyprus Radio P.O.Box 4929, CY1396 NICOSIA/Cyprus	<u>Phone:</u> +357-5-848100 <u>Fax:</u> +357-5-848200 <u>Telex:</u> 605 2004MERSHIPCY ----- <u>Phone:</u> +357-4-630723 <u>Fax:</u> +357-4-643254 <u>Telex:</u> 605 4158 RCCCY CY ----- <u>Phone:</u> +357-2-702286 <u>Fax:</u> +357-2-702392 <u>Telex:</u> 6057888 CYPRADIO CY	On a regulary basis once a year and Occasionally	
Denmark [219]	○	N.I.	N.I.	N.I.	N.I.	RCC Karup <u>Address:</u> Flyvertaktisk Kommando RCC Karup, Koelvraa DK-7470 Karup J, Denmark	<u>Phone:</u> +45-99624950 ext.5631 <u>Fax:</u> +45-99624954 <u>Telex:</u> 66160(Rescue DK) <u>AFTN:</u> EKMCYCYX		
Ecuador [735]	○	N.I.	N.I.	N.I.	N.I.	Fuerza Aerea Ecuatoriana	<u>Phone:</u> +593-2-570622 <u>Telex:</u> 3648(SUDBAC ED) <u>AFTN:</u> SEGUZQZX		
Egypt [622]	○	X	X	○	X	Ports & Lighthouses <u>Address:</u> Serapum – Ismailia ----- SAR	<u>Phone:</u> 2064 322299 <u>Fax:</u> 2064 334869 ----- <u>Phone:</u> 202 4184537 <u>Fax:</u> 202 4184531		

Country	[MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		406MHz	L-BAND	Serial No	MMSI	Call Sign		
El Salvador	[359]	○	N.I.	N.I.	N.I.	N.I.	Central America Search and Rescue Point of Contact <u>Fax:</u> +55-21-2200515 <u>Telex:</u> 3912137113	
Estonia	[276]	○	○	○	○	X	MRCC Tallinn <u>Address:</u> Susta 15, 11712, Tallinn, Estonia <u>Phone:</u> +372-639-9500 692-2222 <u>Fax:</u> +372-639-9501 <u>Telex:</u> (537) 173341 PIIR EE mvk@mewal.pv.ee	Continuous
Færoe Islands(Denmark)	[231]	○	N.I.	N.I.	N.I.	N.I.	RCC Karup <u>Address:</u> Flyvertaktisk Kommando RCC Karup, Koelvraa DK-7470 Karup J, Denmark <u>Phone:</u> +45-99624950 ext.5631 <u>Fax:</u> +45-99624954 <u>Telex:</u> 66160(Rescue DK) <u>AFTN:</u> EKMCYCYX	
Fiji	[520]	○	N.I.	○	○	○	<u>Phone:</u> <u>Fax:</u>	
Finland	[230]	○	○	X	○	X	MRCC Helsinki <u>Address:</u> P.O. Box 150, FIN-00161, Helsinki, Finland <u>Phone:</u> +358-0-667766 <u>Fax:</u> +358-0-631670 <u>Telex:</u> 57-124777 (SLMJK FIN)	Once a week
France	[227] [228]	○	○	N.I.	○	X	MRCC Etel (EPIRBs) Centre Regional Operationnel de Surveillance et de Sauvetage BP 48, 56410 Etel France ----- FMCC/DGAC (ELTs, PLBs) <u>Phone:</u> +33- 29-755-3535 <u>Fax:</u> +33- 29-755-4934 <u>Telex:</u> 950519 <u>AFTN:</u> LFIEYYYY ----- <u>Phone:</u> +33- 56-125-4382 <u>Fax:</u> +33- 56-127-4878 <u>Telex:</u> 530800 NCSAR A <u>AFTN:</u> LFIAZSZX	
Germany	[211] [218]	○	○	X	○	X	MRCC Bremen <u>Phone:</u> +49-42153 6870 <u>Fax:</u> 68714 <u>Telex:</u> 244754 or 246466 (mrccd) <u>AFTN:</u> EDDWYYYY <u>attn:</u> MRCC Bremen	Daily
Greece	[237] [239]	○	○	X	○	X	RCC Piraeus <u>Address:</u> 150 Gr.Lampraki St., GR-185 18 Piraeus, Greece <u>Phone:</u> +30-1-4112500 (emergency) 4220772(emergency) 4191369 4191126 4191325 <u>Fax:</u> +30-1-4115798 4191561 4117801 4224417 4132398	

Country [MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
	406MHz	L-BAND	Serial No	MMSI	Call Sign		
						<p>4220466  <u>Telex:</u> +601-211588 RCC GR  211254 RCCGR  212239 YEN GR  212273 YEN GR  213594 YEN GR</p> <p><u>AFTN:</u> LGGGYCYX  <u>Inmarsat</u>  A 1133207 RCCG  <u>Inmarsat</u>  C 423767310 RCCG  (AOR-E/IOR)</p>	
Greenland(Denmark) [331]	○	N.I.	N.I.	N.I.	N.I.	<p>RCC Karup  <u>Address:</u>  Flyvertaktisk Kommando  RCC Karup, Koelvraa  DK-7470 Karup J, Denmark</p> <p><u>Phone:</u> +45-99624950  ext.5631  <u>Fax:</u> +45-99624954  <u>Telex:</u> 66160(Rescue DK)  <u>AFTN:</u> EKMCYCYX</p>	
Iceland [251]	○	X	X	○	X	<p>Post- and Telecom Administration  Smidjuvegur 68-70  IS-200 Kopavogur  Iceland</p> <p><u>Phone:</u> +354-510 1500  <u>Fax:</u> +354-510 1509</p>	
India [419]	○	N.I.	N.I.	N.I.	N.I.	<p>Satellite Communications Programmes,  Department of Space  <u>Address:</u>  ISRO Headquarters, Antariksh Bhaven,  New B.E.L. Road,  Bangalore-560 094, India</p> <p><u>Phone:</u> +91-80-334273  334474  <u>Fax:</u> +91-80-334229  <u>Telex:</u> 81-8452499</p>	
Indonesia [525]	○	N.I.	N.I.	N.I.	N.I.	<p>BASARNAS, National SAR Agency  <u>Address:</u>  Bandara Soekarno-Hata  Building 628, Jakarta, Indonesia</p> <p><u>Phone:</u> +62-21-5501512  <u>Fax:</u> +62-21-5501513  <u>Telex:</u> 73-45937</p>	
Ireland [250]	○	N.I.	N.I.	N.I.	N.I.	<p>Shannon MRCC</p> <p><u>Phone:</u> +353-61-61219  <u>Telex:</u> +353-61-61969  <u>AFTN:</u> 26262 (MRCC EI)  EINNYCYX</p>	
Italy [247]	○	N.I.	○	○	○	<p>ITMCC  <u>Address:</u>  Via D'Annunzio, 7 Bari Palese, Italy</p> <p><u>Phone:</u> +39-80-5316250  <u>Fax:</u> +39-80-5316254  <u>Telex:</u> 811375  <u>AFTN:</u> CIBD252X  <u>e-mail:</u> ITMCC@PANGANET.IT</p>	Weekly
Jamaica [339]	○	○	N.I.	○	N.I.	<p>Port and Telecommunications Departments  <u>Address:</u>  South Camp Road, Kingston, Jamaica</p> <p><u>Phone:</u> 876-922-9430  <u>Fax:</u> 876-922-9449  <u>Telex:</u> 2133 POTELSKN JA  <u>e-mail:</u> JAMPOST@wtjam.net</p>	Upon receipt of new activation
Japan	○	X	X	○	X	<p>Japan Mission Control Centre (JAMCC),  Japanese Coast Guard</p> <p><u>Phone:</u> +81-3-3591-9000  <u>Fax:</u> +81-3-3591-9000</p>	Once a month

Country	[MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
		406MHz	L-BAND	Serial No	MMSI	Call Sign		
	[431]						Address: Kaio Hoan Cho 2-1-3 Kasumigaseki, Chiyoda-ku, Tokyo, 100-8989 Japan  <u>Telex:</u> 2225193(JMSAHQJ) <u>AFTN:</u> RJAAYKYX	
Latvia	[275]	○	X	○	○	X	Maritime Administration of Latvia <u>Address:</u> Andrejsala 4, Riga, Latvia LV-1045  <u>Phone:</u> +371-7320100 <u>Fax:</u> +371-7320100 <u>Telex:</u> 161396 MRCC LV <u>Inmarsat</u> <u>A</u> 871 1420154	Regularly
Liberia	[636]	○	○	X	○	○	Liberian International Ship & Corporate Registry, LLC  <u>Address:</u> 8619 Westwood Center Drive, Vienna, Virginia 22182, USA  <u>Phone:</u> +1-703-790-3434 (working hours) +1-703-508-3019 (after hours) +1-703-790-5655 <u>Fax:</u> UK 940498535 <u>Telex:</u>	Continuously
Lithuania	[277]	○	N.I.	N.I.	N.I.	N.I.	State Radio Frequency Service <u>Address:</u> 27 Algerdo Street Vilnius 2006, Lithuania  <u>Phone:</u> +370-226-1177 <u>Fax:</u> +370-226-1524 <u>Telex:</u> 261111 VRDT SU	
Madagascar	[647]	○	N.I.	N.I.	N.I.	N.I.	RCC Antananarivo Centre de Coordination Recherches et Sauvetage P.O.Box 46, Antananarivo, Ivato 105 Madagascar  <u>Phone:</u> +221-2022-44410 <u>Telex:</u> 22286 ASEMAD MG	
Malaysia	[533]	○	X	○	○	○	MRCC Port Klang Marine Department Malaysia Safety of Navigation Division  P.O. Box 12, 42007 Port Klang, Malaysia  <u>Phone:</u> +60-3-3670530 3686616 <u>Fax:</u> +60-3-3671334 3685020 <u>e-mail:</u> kpgr@marine.gov.my	On receipt of registration form
Malta	[248] [249] [256]	○	○	X	○	X	Wireless Telegraphy Dept.,  <u>Address:</u> Evans Building, Merchants Street, Valletta CMR 02 Malta  <u>Phone:</u> +356-25993624 +356-247224-8 <u>Fax:</u> +356-232728 +356-233695 <u>Telex:</u> 0 406-1471 (MODMLT MW)	Continuously
Marshall Islands	[538]	○	○	X	○	○	International Registries, Inc  <u>Address:</u> 11495 Commerce Park Drive, Reston, Virginia 20191, USA  <u>Phone:</u> +1-703-620-4880 (working hours) +1-703-620-4766 (after hours) +1-703-476-8522 <u>Fax:</u> 248403 <u>Telex:</u>	Continuously
Mauritius	[645]	○	○	X	○	X	Not available	
Mexico		X			X		En Telecom Eje Central Lazaro Cardenas  <u>Phone:</u>	

Country	[MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database	
		406MHz	L-BAND	Serial No	MMSI	Call Sign			
	[345]		○	N.I.		N.I.	567 Torre Central De Telecomunicaciones Piso 6 Ala Sur, Col. Narvarte C.P. 03020, Deleg. Benito Juarez, Mexico, D.F.	<u>Fax:</u> 629-12-36 519-15-55	Daily
Netherlands	[244] [245] [246]	○	X	X	○	X	Ministry of Transport <u>Address:</u> P.O.Box 450, 9700 AL Groningen, Van Sweientenlaan 27, The Netherlands	<u>Phone:</u> +31-50-222111 <u>Fax:</u> +31-50-135645 <u>Telex:</u> 77154	Daily
New Zealand	[512]	○	N.I.	N.I.	N.I.	N.I.	Civil Aviation Authority <u>Address:</u> 1, Market Grove, P.O. Box 31441 Lower Hutt, New Zealand	<u>Phone:</u> +64-4-5600400 <u>Fax:</u> +64-4-5665030	
Nicaragua	[350]	○	N.I.	N.I.	N.I.	N.I.	Central America Search and Rescue Point of Contact	<u>Fax:</u> +55-21-2200515 <u>Telex:</u> 3912137113	
Norway	[257] [258] [259]	○	X	X	○	X	Teledirektoratet / TTI <u>Address:</u> P.O.Box 6701 ST Olavs PL, N-0130, Oslo, Norway ----- [For 24 hours contact] RCC Bodoe  RCC Stavanger	<u>Phone:</u> +47-2-2777519 <u>Fax:</u> 2488990 +47-2-2201136 <u>Telex:</u> 11206 (TINSP N) ----- <u>Phone:</u> +47-755-21267 <u>Fax:</u> +47-755-24200 <u>Telex:</u> 64302  <u>Phone:</u> +47-51-51-7000 <u>Fax:</u> +47-51-65-2334 <u>Telex:</u> 33163	
Pakistan	[463]	○	N.I.	N.I.	N.I.	N.I.	Satellite Communication Division SPARC <u>Address:</u> P.O. Box 8402, Karachi 75270, Pakistn	<u>Phone:</u> +92-21-471001-5 7730312 <u>Fax:</u> +92-21-466902 <u>Telex:</u> 82-25720(SPACE PK)	
Peru	[760]	○	X	○	X	X	Centro de Control de Misiones del Peru <u>Address:</u> Calle Constitucion 130, Callao1 Peru	<u>Phone:</u> +51-1-4200355 4200766 4292458 4291735 <u>Fax:</u> +51-1-4202020 4200766 <u>Telex:</u> 26043(PE DICAPI) <u>Internet:</u> postmast@pemcc.mil.pe	Daily
Philippines	[548]	○	N.I.	N.I.	N.I.	N.I.	Manila RCC <u>Address:</u> Pasay City, Metro Manila, Philippines	<u>Phone:</u> +63-2-8323013 <u>Fax:</u> +63-2-8331577	
Poland		N.I.	N.I.	N.I.	N.I.	N.I.	Civil Aviation Department Ministry of Transport and Maritime	<u>Phone:</u> +48-2- 2244-195 <u>Fax:</u> +48-2- 2296-378	

Country [MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database	
	406MHz	L-BAND	Serial No	MMSI	Call Sign			
						Economy Address: Ul. T. Chalubinskiego 4 00-928 Warsaw, Poland	<u>Telex:</u> 63-816651	
Portugal [204] [255] [263]	○	○	X	○	X	Direcção-Geral de Portos, Navegação e Transportes Marítimos Address: Edifício Vasco da Gama, Cais Alcantara Mar 1350 Liaboa, Portugal ----- [For 24 hours contact] MRCC Lisboa Address: Reduto Gomes Freire, 2780 Oeiras	<u>Phone:</u> +351-1-3913529 <u>Fax:</u> +351-1-3979794 ----- <u>Fax:</u> +351-1-441-6159 <u>Telex:</u> 404-60747P	Daily
Korea, Republic of [440]	○	○	X	○	X	Korean Mission Control Centre (KOMCC) Address: 1-105, Buksung-Dong, Jung-Gu, Inchon, 400-201 Republic of Korea	<u>Phone:</u> +82-42-861-2330 <u>Fax:</u> +82-42-861-2331 <u>Telex:</u> K 45502	
Romania [264]	○	X	X	○	X	Constanta Harbour Master Address: Incinta Port 8700 Constanta, Romania	<u>Phone:</u> +40-41-616431 617545 619100 (ext.1609 or 1232) <u>Fax:</u> +40-41-616431 617545 <u>Telex:</u> 14209 CPT	Every 3 months
Russian Federation [273]	○	○	○	○	X	Morsviazputnik Address: 14/19 Novoslobodskaya St. Building 7 Moscow 103030, Russia	<u>Phone:</u> +7-095-9671860 9671862 <u>Fax:</u> +7-095-9671855 9671830 <u>Telex:</u> 64-411197 A MMF SU	Daily
Singapore [563] [564]	○	○	X	○	○	Maritime and Port Authority of Singapore Address: Port Master's Department, 7B Keppel Rd #19-07/09, Tanjong Pagar Complex, Singapore 089055 Singapore	<u>Phone:</u> +65-3252-582 453 <u>Fax:</u> 454 <u>e-mail:</u> pocc@mpa.gov.sg	Weekly
South Africa [601]	○	X	○	○	○	MRCC Cape Town Address: Private Bag X8, Tokai, 7966 Cape Town, South Africa	<u>Phone:</u> +27-21-787-2222 <u>Fax:</u> +27-21-787-2337 <u>Telex:</u> 95-527722	
Spain [224]	○	X	X	○	○	Area de Inspeccion Radiomaritima Direccion General de la Marina Mercante Address: Calle Ruiz de Alarcon, 1	<u>Phone:</u> +34-1-580-1463 580-1456 <u>Fax:</u> 580-1400 +34-1-580-1432	

Country	[MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database		Frequency of updating database
		406MHz	L-BAND	Serial No	MMSI	Call Sign			
							280/1 Madrid, Spain	580-1514	
Suriname	[765]	○	N.I.	N.I.	N.I.	N.I.	Department of Civil Aviation P.O.Box 1981, Zorg en Hoop, Paramaribo-South, Surinam	<u>Phone:</u> +597-497914 <u>Telex:</u> +597-498898 <u>AFTN:</u> 148(CIVPBM SN) SMPBYAYX	
Sweden	[265]	○	○	○	○	○	<u>Address:</u> Box 5158, SE-426-05 Vastra Frolunda, Sweden	<u>Phone:</u> +46-31 699080 <u>Fax:</u> +46-31 648010 <u>Telex:</u> +54 201 80 MRCC-Gbg S <u>AFTN:</u> ESORYCYX <u>e-mail:</u> mrccegbg@sjofartsverket.se	Daily
Switzerland	[269]	○	X	○	○	○	Schweizerisches Seeschiffahrtsamt <u>Address:</u> Elisabethenstrasse 31, CH-4010 Basel Switzerland	<u>Phone:</u> +41-61-287-1444 <u>Fax:</u> +41-61-287-1570	
Thailand	[567]	○	X	X	○	○	RCC Bangkok	<u>Phone:</u> +66-2 2860506 <u>Telex:</u> 2855450 <u>Fax:</u> 2860594 22720 BKK RCC TH <u>AFTN:</u> +66 2 22862913 2873186 VTBAYCYX	
Turkey	[271]	○	○	X	X	X	Undersecretariat for Maritime Affairs <u>Address:</u> Anit Cd.N:8 Tandogan/ANKARA, Turkey	<u>Phone:</u> +90-312-231 0105 232 4783 232 3849 / 2620 <u>Telex:</u> +90-312-212 0823	Monthly
Ukraine	[272]	○	N.I.	N.I.	N.I.	N.I.	Cospas Mission Centre (CMC) <u>Address:</u> 1/4 Rozhdestvenka St. Moscow 103759, Russia	<u>Phone:</u> +7-095-9261374 <u>Fax:</u> +7-095-9269375 <u>Telex:</u> 411469A or 411469B (COPA SU)	
United Arab Emirates	[470]	○	N.I.	N.I.	N.I.	N.I.	Emirates RCC	<u>Phone:</u> +971-2-757388 <u>Telex:</u> 22475(ADIAAS EM) <u>AFTN:</u> OMAAYC	
United Kingdom	[232]	○	○	○	X	X	EPIRB Registry Maritime and Coastguard Agency <u>Address:</u> MRCC Falmouth, Pendennis Point, Castle Drive, Falmouth TR11 4WZ, U.K.	<u>Phone:</u> +44-1326-211569 <u>Fax:</u> +44-1326-319264 <u>Telex:</u> 45560	Daily
United States	[366] [367] [368]	○	X	○	X	X	NOAA/NESDIS <u>Address:</u> Federal Office Building 4, Room 0158, Code: E/SP3, Washington, D.C.20233, USA	<u>Phone:</u> +1-301-457-5428 <u>Fax:</u> +1-301-457-5406 <u>Telex:</u> 230-7400649	Daily



Country [MID]	Type used		406MHz EPIRB coding methods			Agency maintaining 406 MHz EPIRB registration database	Frequency of updating database
	406MHz	L-BAND	Serial No	MMSI	Call Sign		
Vanuatu [576]	○	X	X	○	X	Vanuatu Maritime Services <u>Address:</u> 90 Washington - 22nd Floor, New York NY 10006, USA	<u>Phone:</u> +1-212-4259600 <u>Fax:</u> +1-212-4259652 <u>Telex:</u> 229346 Van Mar Svcs
Venezuela [775]	○	N.I.	N.I.	N.I.	N.I.	RCC Maiquetia	<u>Phone:</u> +58-31-27601(RCC) +58-31-22372(RCC) +58-31-28751(RCC) +58-31-26620(SAR) +58-31-25385(SAR) +58-31-26409(SAR) +58-2-5092264 +58-2-5092210 (AeroCivil) <u>Fax:</u> +58-31-23269(RCC) +58-2-5744035 (Aero.Civil) <u>Telex:</u> 28022(MICACVC) 24626(MICTAVC) <u>AFTN:</u> SVSCYFYX
<u>Associate Member of IMO</u> Hong Kong, China [477]	○	X	○	○	○	SAR Section, Marine Department <u>Address:</u> P.O. Box 4155, Hong Kong	<u>Phone:</u> +852-5433558 <u>Fax:</u> +852-5417714 <u>Telex:</u> 802-82952 MRCC HX

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## ANNEX 13

LIST OF 24 HOUR POINTS OF CONTACT  
FOR 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*
Argentina [701]	National Maritime, Fluvial and Lacustre SAR Agency, <u>Address:</u> Base Naval Puerto Belgrano(CP8111), Buenos Aires, Republica Argentina	<u>Phone:</u> +54(0)-0932-8-7140 +54(0)-0932-8-7150 +54(1)-317-2038 <u>Fax:</u> +54(0)-0932-8-7153	Dairy Monthly
Australia [503]	Manager Operations, Australian Search and Rescue (Aus SAR) <u>Address:</u> G.P.O.Box 2181, Canberra, Act 2601, Australia	<u>Phone:</u> +61-2-6230-6811 <u>Fax:</u> +61-2-6230-6868 <u>Telex:</u> +71-62349 <u>AFTN:</u> YSARYCYX <u>Internet:</u> rrcaus@amsa.gov.au	When new numbers are issued Quarterly
Bahamas [N.I.]	HM Coastguard <u>Address:</u> Pendennis Point, Falmouth, TR11 4WZ, United Kingdom	<u>Phone:</u> +44-1326-317575 <u>Fax:</u> +44-1326-318342 <u>Telex:</u> 45560(FALMCG G)	Continuous Continuous
Belgium [205]	Radio Maritime Service <u>Address:</u> Perronstraat 6, 8400, Oostendo	<u>Phone:</u> +32-59-706 565 <u>Fax:</u> +32-59-701 339 <u>Telex:</u> 46 81257	Monthly
Bermuda (United Kingdom) [310]	RCC Bermuda <u>Address:</u> 9 Ft George Hill, St.George's GE01 Bermuda	<u>Phone:</u> +1-441-297-1010 <u>Fax:</u> +1-441-297-1530 <u>Telex:</u> 3208 RCC BA <u>Internet:</u> rccbda@ibl.bm	As required
Brazil [710]	MRCC Brazil <u>Address:</u> Comando de Operacoes Navais Praca Barao de Ladario, s/n Ed. Alte. Tamandare, 6, andar Centro, Rio de Janeiro - RJ	<u>Phone:</u> +55-21-216-6056 <u>Fax:</u> +55-21-216-6038 <u>Telex:</u> 21-35231	
Canada [316]	Industry Canada(Attention: Mark Hanrahan) [OPEN 0800-1630 hrs.] <u>Address:</u> Journal Tower North, 300 Slatore Street, Ottawa, Ont. Canada, K1A 0C8	<u>Phone:</u> +1-613-998 3431	As required Annually (Denise Duchesne phone: +1-613- 991 9421)
Chile [725]	MRCC Chile <u>Address:</u> Servicio de Busqueda y Rescate Maritim (SERBREM), Errazuriz 537, Valparaiso, Chile	<u>Phone:</u> +56-32-208237 <u>Fax:</u> +56-32-208262 <u>Telex:</u> 034-330607 <u>Internet:</u> mrccchile@directemar.cl	
China [412]	China Maritime Search and Rescue Centre <u>Address:</u> 11 Jianguomennei Ave., Beijing, 100736, China	<u>Phone:</u> +86-10-65292221 +86-10-65292218 <u>Fax:</u> +86-10-65292245 <u>Telex:</u> 222258 CMSAR CN	As required
Croatia	Harbour Master's Office	<u>Phone:</u> +385-51-214-031	

Country [MID]	24 hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
[238]	<u>Address:</u> 51000 Rijeka, Senjsko pristanište 3, Croatia	<u>Fax:</u> 51-212-474 +385-51-212-696 51-211-660	Every 10 days	N.I.
Denmark [219]	MRCC Aarhus	<u>Phone:</u> +45-86123099 ext.5103 <u>Fax:</u> +45-86181140 <u>Telex:</u> 64485		
Estonia [276]	Estonian National Communication Board Adala 4D 10614 Tallinn, Estonia (open 6:00-15:00, Mon-Friday)	<u>Phone:</u> +372-693-1183 <u>Fax:</u> + 1155 <u>e-mail:</u> postbox@sa.ee	Every week	Every month
Færoe Islands(Denmark) [231]	Thorshaven Radio	<u>Phone:</u> +45-29812965 <u>Telex:</u> 81200		
Fiji [520]		<u>Phone:</u> <u>Telex:</u>		
Finland [230]	MRCC Turku <u>Address:</u> PL 16, 20101 Turku Finland	<u>Phone:</u> +358-21-2815803 <u>Fax:</u> +358-21-2500950 <u>Telex:</u> 62249 SMMVE PT		Twice a year
France [227]	MRCC Etel, <u>Address:</u> Chateau de la Garenne, Avenue Louis Bougo,56410 Etel, France	<u>Phone:</u> +33-2 97 55 3535 <u>Fax:</u> +33-2 97 55 4934 <u>Telex:</u> 950519		
Germany [211] [218]	Deutsche Gesellschaft zur Rettung Schiffbrüchiger MRCC Bremen <u>Address:</u> Postfach 10 63 40, 28063 Bremen, Germany	<u>Phone:</u> +49-421-53-6870 <u>Fax:</u> +49-421-53-68714 <u>Telex:</u> 244754 or 246466 (mrccd) <u>AFTN:</u> EDDWYYXX <u>attn:</u> MRCC BREMEN	Daily	Once a month
Greece [237] [239]	Hellenic ministry of merchant marine/Piraeus Joint RCC <u>Address:</u> 150 Gr.Lampraki St., GR-185 18 Piraeus, Greece	<u>Phone:</u> +30-1-4112500 (emergency) 4220772 (emergency) 4191369 4191126 4191325 <u>Fax:</u> +30-1-4115798 4191561 4117801 4224417 4132398 4220466 <u>Telex:</u> +601-211588 RCC GR 211254 RCCGR 212239 YEN GR 212273 YEN GR 213594 YEN GR <u>AFTN:</u> LGGGYCYX <u>Inmarsat A</u> 1133207 RCCG <u>Inmarsat C</u> 423767310 RCCG (AOR-E/IOR)		

Country [MID]	24 hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Greenland (Denmark) [331]	RCC Sondrestrom	<u>Phone:</u> +45-29911201 <u>Fax:</u> +45-29911020 <u>Telex:</u> 90839		
Iceland [251]	MRCC Reykjavik	<u>Phone:</u> +354-113099 <u>Fax:</u> +354-1610240 <u>Telex:</u> 2048		
Italy [247]	Ministero dei Trasporti e della Navigazione Comando Generale delle Capitanerie di Porto - IMRCC <u>Address:</u> Via dell'Arte, No.16, 00144, Roma/EUR, Italy	<u>Phone:</u> +39-6 5924145 5923569 <u>Fax:</u> +39-6 5922737 59084793 <u>Telex:</u> +39-43-611172 614103 <u>e-mail:</u> COGECAP3@FLASHNET.IT	Real time	
Jamaica [339]	Port and Telecommunications Departments <u>Address:</u> South Camp Road, Kingston, Jamaica	<u>Phone:</u> 876-922-9430 <u>Fax:</u> 876-922-9449 <u>Telex:</u> 2133 POTELESKN JA <u>e-mail:</u> JAMPOST@wtjam.net	Upon receipt of new activation	
Japan [431]	Information System Management Division, Japanese Coast Guard <u>Address:</u> Kaiho Hoan Cho, 2-1-3 Kasumigaseki, Chiyoda-ku, Tokyo, 100-8989 Japan	<u>Phone:</u> +81-3-3591-9000 <u>Fax:</u> +81-3-3591-9000 <u>Telex:</u> 2225193(JMSAHQJ) <u>AFTN:</u> RJAAKYX	Once a month	Once in three months
Latvia [275]	Maritime Administration of Latvia <u>Address:</u> PO Box-10, Andrejsala 4, Riga, Latvia LV-1045	<u>Phone:</u> +371-2-323103 <u>Fax:</u> +371-9-320100 +371-9-343772 <u>Telex:</u> 161396 MRCC LV	Regularly	Regularly
Liberia [636]	Liberian International Ship & Corporate Registry, LLC <u>Address:</u> 8619 Westwood Center Drive, Vienna, Virginia 22182, USA	<u>Phone:</u> +1-703-790-3434 (working hours) +1-703-508-3019 (after hours) <u>Fax:</u> +1-703-790-5655 <u>Telex:</u> UK 940498535	Continuously	Monthly
Malaysia [533]	Jabatan Telekomunikasi Malaysia Kementerian Tenaga, Telekom dan Multimedia Wisma Damansara, Jalan Semantan, 50668 Kuala Lumpur, Malaysia	<u>Phone:</u> +60-3-2575100 <u>Fax:</u> +60-3-2530508 <u>Telex:</u> GENTEL MA 28020 <u>e-mail:</u> jtmhq@tm.net.my	On issue of MMSI	Annually
Malta [248] [249] [256]	Wireless Telegraphy Dept., <u>Address:</u> Evans Building, Merchants Street, Valletta CMR 02 Malta	<u>Phone:</u> +356-25993624 +356-247224-8 +356-232728 +356-233695 <u>Fax:</u> 0406-1471 <u>Telex:</u> (MODMLT MW)	Continuously	Periodically

Country [MID]	24 hour point of contact (Agency maintaining national database for MMSI-number)	Frequency of updating MMSI database		
		National database	ITU database*	
Marshall Islands [538]	International Registries, Inc <u>Address:</u> 11495 Commerce Park Drive, Reston, Virginia 20191, USA	<u>Phone:</u> +1-703-620-4880 (working hours) +1-703-620-4766 (after hours) <u>Fax:</u> +1-703-476-8522 <u>Telex:</u> 248403	Continuously	Monthly
Mauritius [2700]	Mauritius Telecommunications Authority <u>Address:</u> Blendax House, 6 <sup>th</sup> Floor, Dumas Street, Port Louise, Mauritius	<u>Phone:</u> +230 212 9252 <u>Fax:</u> +230 211 2871		
Mexico [N.I.]	N.I. <u>Address:</u>	<u>Phone:</u> 629-1236 <u>Fax:</u> 519-1855 <u>Telex:</u> 1771266	Daily	Monthly
Netherlands [244] [245] [246]	Netherlands Coast Guard Centre/RCC IJmuiden <u>Address:</u> P.O.Box 303, 1970, AH IJmuiden, Netherlands	<u>Phone:</u> +31-255034344 <u>Fax:</u> +31-255023496 <u>Telex:</u> 71088(KUSTW-NL)	Daily	Once a month
Norway [257] [258] [259]	RCC Stavanger <u>Address:</u> RCC Southern Norway, Sikrings Bygget, 4050 Sola, Norway	<u>Phone:</u> +47-51646061 +47-51517000 <u>Fax:</u> +47-51652334 <u>Telex:</u> 33163 (RCCSN)		
Portugal [204] [255] [263]	MRCC Lisboa <u>Address:</u> Reduto Gomes Freire, 2780 Oeiras	<u>Phone:</u> +351-1-441-6581 <u>Fax:</u> +351-1-441-6159 <u>Telex:</u> 404-60747 P	Daily	Quarterly
Korea, Republic of [440]	Korea National Maritime Police Agency <u>Address:</u> 1-105 Buksung-Dong, Jung-Gu, Inchon, Korea 400-201	<u>Phone:</u> +82-32-883-0461 <u>Fax:</u> +82-32-881-9595		
Romania [264]	Constanta Harbour Master <u>Address:</u> Incinta Port 8700 Constanta, Romania	<u>Phone:</u> +40-41-616431 617545 619100 (ext.1609 or 1232) <u>Fax:</u> +40-41-616431 617545 <u>Telex:</u> 14209 CPT	Every 3 Months	
Singapore [563] [564]	Singapore Radio <u>Address:</u> Yokbrs, 380, YIO CHU KANG Road, A03-00 Singapore 805942, Singapore	<u>Phone:</u> +65-1800 4816231 <u>Fax:</u> 4818050 <u>Telex:</u> 34842 <u>e-mail:</u> pocc@mpa.gov.sg	Weekly	Monthly
Spain [224]	MRCC Madrid	<u>Phone:</u> +34-15801465 <u>Fax:</u> +34-15219510 <u>Telex:</u> 41210		

Country [MID]	24 hour point of contact (Agency maintaining national database for MMSI-number)		Frequency of updating MMSI database	
			National database	ITU database*
Sweden [265]	<u>Address:</u> Box 5158, SE-426-05 Vastra Frolunda, Sweden	<u>Phone:</u> +46-31 699080 <u>Fax:</u> +46-31 648010 <u>Telex:</u> +54 201 80 MRCC-Gbg S <u>AFTN:</u> ESORYCYX <u>e-mail:</u> mrccgbg@sjofartsverket.se	Daily	Monthly
Turkey [271]	Undersecretariat for Maritime Affairs <u>Address:</u> Anit Cd.N:8 Tando_an/ANKARA, Turkey	<u>Phone:</u> +90-312-231 0105 232 4783 232 3849 / 2620 <u>Fax:</u> +90-312-212 0823	Daily	Monthly
United Kingdom [232] [233]	MRCC Falmouth <u>Address:</u> HM Coastguard, Pendennis Point, Falmouth, TR11 4WZ, United Kingdom	<u>Phone:</u> +44-1326-317575 <u>Fax:</u> +44-1326-318342 <u>Telex:</u> 45560(FALMCG G)	Daily	Monthly
United States [303] [366] [367] [368]	Federal Communications Commission <u>Address:</u> 445 12 <sup>th</sup> Street NW, Washington, DC 20554	<u>Phone:</u> +1-202-632-6975 <u>Fax:</u> +1-202-418-2813	Daily	Monthly
Associate Member of IMO Hong Kong, China [477]	Hong Kong Maritime Rescue Co-ordination Centre <u>Address:</u> G.P.O.4155, Hong Kong	<u>Phone:</u> +852-2545-4645 <u>Fax:</u> +852-2541-7714 <u>Telex:</u> 82952(MRCC HX) <u>AFTN:</u> VHHHYKYX		

★ 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-amil: S=helpdesk;A=arcom;P=itu;C=ch  
FAX: +41-22-730-5337 Internet e-mail: helpdesk@itu.ch