

WORLD NAVTEX DATABASE FOR DXERS

(SORTED BY FREQUENCY & NAVAREA ORDER)

Version 16.0

Last updated 2nd of September 2020

Compiled by Alan Gale, G4TMV

This Database is divided into six separate sections.

Section One:	Local language NAVTEX Stations on 424 & 486 kHz
Section Two:	NAVTEX Stations on 490 kHz
Section Three:	NAVTEX Stations on 518 kHz
Section Four:	NAVTEX Stations on 4209.5 kHz
Section Five:	Key to Abbreviations used
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- NOTE #1:** The Country Identifiers used in this list are taken from the **NDB List Country Code List** (available from the NDB List Info page: <https://www.ndblist.info/ndbinfo/countrylist.pdf>)
- NOTE #2:** This list is aimed only at radio enthusiasts, and it goes without saying that it should not be used for navigational purposes since the data cannot be confirmed as being 100% accurate and up to date. Any updates and corrections would be much appreciated.
- NOTE #3:** NAVTEX enthusiasts may be interested in joining the **NAVTEX DX Group**, which can be found at: <https://groups.io/g/navtexdx/>
- NOTE #4:** I highly recommend the '**NAVTEXview**' program by **Tobias Taufer (T2)**, which uses the data from this file, you can download a copy from the **NDB List Datamodes** page which can be found at: <https://www.ndblist.info/datamodes.htm>
- NOTE #5:** Lat /Long details are 'rounded up' to a **DD:MM** format and should not be used for navigation purposes.
- NOTE #6:** Separate publications showing Stations '**Sorted by Frequency & Navarea**' and '**HF NBDP**' are now available.

Updates and corrections for this list can be sent to: <**navtexupdates** at **ndblist.info**> (replace the 'at' with @)

SECTION ONE: LOCAL NAVTEX SERVICES

424 kHz - JAPANESE LANGUAGE:

kHz:	Call:	Station Name:	Slot:	Rxx:	COU:	Country:	Latitude:	Longitude:	LOC:	Range nm:	Transmission Times - All UTC:	Area:	Lang:	Status:
424.0	JNB	Naha	[G]	\$11G	JPN	Japan	26° 05' N - 127° 40' E		PL36ub	400	0000, 0400, 0800, 1200, 1600, 2000	XI	JJ	active
424.0	JNR	Moji	[H]	\$11H	JPN	Japan	34° 01' N - 130° 56' E		PM54la	400	0017, 0417, 0817, 1217, 1617, 2017	XI	JJ	active
424.0	JGC	Yokohama	[I]	\$11I	JPN	Japan	35° 14' N - 139° 55' E		PM95wf	400	0034, 0434, 0834, 1234, 1634, 2034	XI	JJ	active
424.0	JNL	Otaru	[J]	\$11J	JPN	Japan	43° 19' N - 140° 27' E		QN03fh	400	0051, 0451, 0851, 1251, 1651, 2051	XI	JJ	active
424.0	JNX	Kushiro	[K]	\$11K	JPN	Japan	42° 57' N - 144° 36' E		QN22hw	400	0108, 0508, 0908, 1308, 1708, 2108	XI	JJ	active

486 kHz - CHINESE LANGUAGE:

kHz:	Call:	Station Name:	Slot:	Rxx:	COU:	Country:	Latitude:	Longitude:	LOC:	Range nm:	Transmission Times - All in UTC:	Area:	Lang:	Status:
486.0	XSI	Sanya	[A]	\$11A	CHN	China	18° 17' N - 109° 21' E		OK48qg	250	0000, 0400, 0800, 1200, 1600, 2000	XI	CC	active
486.0	XSQ	Guangzhou	[B]	\$11B	CHN	China	23° 09' N - 113° 31' E		OL63sd	250	0010, 0410, 0810, 1210, 1610, 2010	XI	CC	active
486.0	XSL	Fuzhou	[C]	\$11C	CHN	China	26° 00' N - 119° 26' E		OL96ra	250	0020, 0420, 0820, 1220, 1620, 2020	XI	CC	active
486.0	XSJ	Zhanjiang	[D]	\$11D	CHN	China	21° 09' N - 110° 21' E		OL51ed	250	0030, 0430, 0830, 1230, 1630, 2030	XI	CC	active
486.0	XSG	Shanghai	[E]	\$11E	CHN	China	31° 07' N - 121° 33' E		PM01sc	250	0040, 0440, 0840, 1240, 1640, 2040	XI	CC	active
486.0	XSZ	Dalian	[F]	\$11F	CHN	China	38° 51' N - 121° 31' E		PM08su	250	0050, 0450, 0850, 1250, 1650, 2050	XI	CC	active
486.0	XSV	Tianjin	[S]	\$11S	CHN	China	39° 02' N - 117° 26' E		OM89ra	250	0300, 0700, 1100, 1500, 1900, 2300	XI	CC	active

Note: the Japanese service is already operational and has been for some years now, but the current status of the new Chinese 'Local' Language service on 486 kHz is still a bit uncertain. It is thought that the seven stations listed are now operational, and that the Transmission Times shown above are correct, but without any listener confirmations as yet we can't verify that the Time Slots shown are correct, or the slot letters are accurate. If anyone has any further information regarding the status of these stations, I would be pleased to hear from you.

ABBREVIATIONS FOR LANGUAGES USED BY THE LOCAL SERVICES:

Language:	ABB:
Chinese	CC
Japanese	JJ

SECTION TWO:

490 kHz NAVTEX SERVICE - NATIONAL LANGUAGES:

kHz:	Call:	Station Name:	Slot:	Rxx:	COU:	Country:	Latitude:	Longitude:	LOC:	Range	Transmission Times - All UTC:	Area:	Lang:	Status:
										nm:				
490.0	EJM	Malin Head Coast Guard	[A]	\$01A	IRL	Ireland	55° 22' N - 07° 21' W	IO65hi	400	0000, 0400, 0800, 1200, 1600, 2000	I	EE	active	
490.0	OST	Oostende	[B]	\$01B	BEL	Belgium	51° 11' N - 02° 48' E	JO11je	150	0010, 0410, 0810, 1210, 1610, 2010	I	DD	active	
490.0	GPK	Portpatrick	[C]	\$01C	SCT	Scotland	54° 51' N - 05° 07' W	IO74ku	270	0020, 0420, 0820, 1220, 1620, 2020	I	EE	active	
490.0	TFA	Saudanes	[E]	\$01E	ISL	Iceland	66° 11' N - 18° 57' W	IP06me	450	0040, 0440, 0840, 1240, 1640, 2040	I	IS	active	
490.0	GNI	Niton	[I]	\$01I	ENG	England	50° 35' N - 01° 15' W	IO90jo	270	0120, 0520, 0920, 1320, 1720, 2120	I	EE	active	
490.0	TFA	Grindavik	[K]	\$01K	ISL	Iceland	63° 47' N - 22° 31' W	HP83rs	450	0140, 0540, 0940, 1340, 1740, 2140	I	IS	active	
490.0	DDH49	Pinneberg	[L]	\$01L	DEU	Germany	53° 43' N - 09° 55' E	JO43wr	250-400	0150, 0550, 0950, 1350, 1850, 2150	I	GG	active	
490.0	GNI	Niton (N. France)	[T]	\$01T	ENG	England	50° 35' N - 01° 15' W	IO90jo	270	0310, 0710, 1110, 1510, 1910, 2310	I	FF	active	
490.0	GCC	Cullercoats	[U]	\$01U	ENG	England	55° 04' N - 01° 28' W	IO95gb	270	0320, 0720, 1120, 1520, 1920, 2320	I	EE	active	
+++++														
490.0	EAL	Las Palmas	[A]	\$02A	CNR	Canary Isles	28° 26' N - 16° 20' W	IL18tk	400	0000, 0400, 0800, 1200, 1600, 2000	II	SS	active	
490.0	FRC	CROSS Corsen	[E]	\$02E	FRA	France	48° 24' N - 05° 03' W	IN78lj	300	0040, 0440, 0840, 1240, 1640, 2040	II	FF	active	
490.0	CTV-251	Penalva (CENCOMAR)	[G]	\$02G	POR	Portugal	38° 36' N - 09° 02' W	IM58lo	300	0100, 0500, 0900, 1300, 1700, 2100	II	PP	active	
490.0	CTH	Sao Miguel (CENCOMARACORES)	[J]	\$02J	AZR	Azores	37° 48' N - 25° 33' W	HM77ft	300	0130, 0530, 0930, 1330, 1730, 2130	II	PP	active	
490.0	5OW	Lagos	[L]	\$02L	NIG	Nigeria	06° 26' N - 03° 18' E	JJ16pk	200-260	0150, 0550, 0950, 1350, 1750, 2150	II	??	planned	
490.0	6VA	Dakar	[M]	\$02M	SEN	Senegal	14° 46' N - 17° 20' W	IK14hs	250	0200, 0600, 1000, 1400, 1800, 2200	II	FF	inactive	
490.0	CTQ	Porto Santo (CENCOMAMADEIRA)	[M]	\$02M	MDR	Madeira	33° 06' N - 16° 30' W	IM13sc	300	0200, 0600, 1000, 1400, 1800, 2200	II	PP	active	
490.0	CNP	Casablanca	[M]	\$02M	MRC	Morocco	33° 36' N - 07° 38' W	IM63eo	180	0200, 0600, 1000, 1400, 1800, 2200	II	EE	planned	
490.0		Oron	[O]	\$02O	NIG	Nigeria	04° 48' N - 08° 15' E	JJ44dt	250	0220, 0620, 1020, 1420, 1820, 2220	II	??	planned	
490.0	D4A	São Vicente Radio	[P]	\$02P	CPV	Cape Verde	16° 51' N - 25° 00' W	HK76mu	250	0230, 0630, 1030, 1430, 1830, 2230	II	PP	active	
490.0	EAC	Tarifa	[T]	\$02T	ESP	Spain	36° 02' N - 05° 33' W	IM76fa	400	0310, 0710, 1110, 1510, 1910, 2310	II	SS	active	
490.0	EAR	Coruna	[W]	\$02W	ESP	Spain	43° 22' N - 08° 27' W	IN53si	400	0340, 0740, 1140, 1540, 1940, 2340	II	SS	active	
+++++														
490.0	TAF	Samsun	[A]	\$03A	TUR	Turkey	41° 17' N - 36° 20' E	KN81eg	300	0000, 0400, 0800, 1200, 1600, 2000	III	TT	active	
490.0	TAH	Istanbul	[B]	\$03B	TUR	Turkey	41° 04' N - 28° 57' E	KN41lb	300	0010, 0410, 0810, 1210, 1610, 2010	III	TT	active	
490.0	TAN	Izmir	[C]	\$03C	TUR	Turkey	38° 17' N - 26° 16' E	KM38dg	300	0020, 0420, 0820, 1220, 1620, 2020	III	TT	active	
490.0	TAL	Antalya	[D]	\$03D	TUR	Turkey	36° 53' N - 30° 42' E	KM56iv	300	0030, 0430, 0830, 1230, 1630, 2030	III	TT	active	
490.0	IQM	Mondolfo	[E]	\$03E	ITA	Italy	43° 45' N - 13° 08' E	JN63ns	320	0040, 0440, 0840, 1240, 1640, 2040	III	IT	active	
490.0		Hvar	[F]	\$03F	HRV	Croatia	43° 10' N - 16° 25' E	JN83fe		0050, 0450, 0850, 1250, 1650, 2050	III	SC	active	
490.0	4LR	Poti	[G]	\$03G	GEO	Georgia	42° 08' N - 41° 40' E	LN02td	350	0100, 0500, 0900, 1300, 1700, 2100	III	GE	active	
490.0	ICH	La Maddelana	[I]	\$03I	SAR	Sardinia	41° 13' N - 09° 23' E	JN41qf	320	0120, 0520, 0920, 1320, 1720, 2120	III	IT	active	
490.0		Fereydoon Kenar	[J]	\$03J	IRN	Iran	36° 42' N - 52° 33' E	LM66gq	250	0130, 0530, 0930, 1330, 1730, 2130	III	PE	active	
490.0	7TA	Ain Taya Radio	[K]	\$03K	ALG	Algeria	36° 48' N - 03° 15' E	JM16pt	250	0140, 0540, 0940, 1340, 1740, 2140	III	FF	active	
490.0	YQI	Constanta	[L]	\$03L	ROU	Romania	44° 06' N - 28° 37' E	KN44hc	250	0150, 0550, 0950, 1350, 1850, 2150	III	RO	active	
490.0	EAV	Valencia (Cabo de la Nao)	[M]	\$03M	ESP	Spain	38° 43' N - 00° 11' E	JM08cr	220	0200, 0600, 1000, 1400, 1800, 2200	III	SS	active	
490.0	UBJ	Baku (Chilov)	[M]	\$03M	AZE	Azerbaijan	40° 19' N - 50° 36' E	LN50hh	200	0200, 0600, 1000, 1400, 1800, 2200	III	AZ	active	
490.0	IGS	Piombino	[N]	\$03N	ITA	Italy	42° 55' N - 10° 32' E	JN52gv	320	0210, 0610, 1010, 1410, 1810, 2210	III	IT	active	
490.0	UWT	Taganrog	[O]	\$03O	RUS	Russia	47° 14' N - 38° 56' E	KN97lf		0220, 0620, 1020, 1420, 1820, 2220	III	EE	testing	
490.0	SVK	Kerkyra	[P]	\$03P	GRC	Greece	39° 36' N - 19° 53' E	JM99wo	400	0230, 0630, 1030, 1430, 1830, 2230	III	GK	active	
490.0	SVH	Irákleio (Crete)	[Q]	\$03Q	GRC	Greece	35° 19' N - 25° 46' E	KM25vh	280-400	0240, 0640, 1040, 1440, 1840, 2240	III	GK	active	
490.0	SVL	Limnos	[R]	\$03R	GRC	Greece	39° 54' N - 25° 11' E	KM29ov	400	0250, 0650, 1050, 1450, 1850, 2250	III	GK	active	
490.0	FRL	CROSS La Garde	[S]	\$03S	FRA	France	43° 06' N - 05° 59' E	JN23xc	250	0300, 0700, 1100, 1500, 1900, 2300	III	FF	active	
490.0	UKW	Berdiansk	[U]	\$03U	UKR	Ukraine	46° 38' N - 36° 45' E	KN86jp	120	0320, 0720, 1120, 1520, 1920, 2320	III	EE	active	

490.0	ICI	Sellia Marina	[W]	\$03W	ITA	Italy	38° 52' N - 16° 43' E	JM88iu	320	0340, 0740, 1140, 1540, 1940, 2340	III	IT	active
490.0	UTT	Odesa	[X]	\$03X	UKR	Ukraine	46° 22' N - 30° 44' E	KN56ii	280	0350, 0750, 1150, 1550, 1950, 2350	III	EE	active
490.0		Kibris Turk Radio	[X]	\$03X	CYP	Northern Cyprus	Heard with irregular broadcasts in other slots, not IMO authorised			III	TT	active	
490.0	3VX	Kelibia			TUN	Tunisia	Tests will be made using slot [A]			III	??	planned	

490.0	VCK	Moise CG, QC (VCG)	[D]	\$04D	CAN	Canada	50° 11' N - 66° 07' W	FO60we	300	0030, 0430, 0830, 1230, 1630, 2030	IV	FF	active
490.0	VCO	Port Caledonia CG, NS	[J]	\$04J	CAN	Canada	46° 11' N - 59° 54' W	GN06be	300	0130, 0530, 0930, 1330, 1730, 2130	IV	FF	active
490.0	HJW	Santa Marta	[K]	\$04K	CLM	Colombia	11° 03' N - 74° 13' W	FK21vb	300	0140, 0540, 0940, 1340, 1740, 2140	IV	SS	active
490.0	VFF	Iqaluit CG, NU (May-Dec only)	[S]	\$04S	CAN	Canada	63° 44' N - 68° 33' W	FP53rr	150	0300, 0700, 1100, 1500, 1900, 2300	IV	FF	active
490.0	VAR-9	Chebogue CG, NB (VAR)	[V]	\$04V	CAN	Canada	43° 45' N - 66° 07' W	FN63ws	300	0335, 0735, 1135, 1535, 1935, 2335	IV	FF	active

490.0	CWM27	La Paloma	[A]	\$06A	URG	Uruguay	34° 40' S - 54° 09' W	GF25wi	280	0000, 0400, 0800, 1200, 1600, 2000	VI	SS	inactive
490.0	L3K	Ushuaia	[A]	\$06A	ARG	Argentina	54° 48' S - 68° 18' W	FD55ue	280	0000, 0400, 0800, 1200, 1600, 2000	VI	SS	active
490.0	L3D	Río Gallegos	[B]	\$06B	ARG	Argentina	51° 37' S - 69° 13' W	FD58jj	280	0010, 0410, 0810, 1210, 1610, 2010	VI	SS	active
490.0	L2W	Comodoro Rivadavia	[C]	\$06C	ARG	Argentina	45° 51' S - 67° 25' W	FE64gd	280	0020, 0420, 0820, 1220, 1620, 2020	VI	SS	active
490.0	L2I	Bahia Blanca	[D]	\$06D	ARG	Argentina	38° 43' S - 62° 06' W	FF81wg	280	0030, 0430, 0830, 1230, 1630, 2030	VI	SS	active
490.0	L2P	Mar del Plata	[E]	\$06E	ARG	Argentina	38° 03' S - 57° 32' W	GF11fw	280	0040, 0440, 0840, 1240, 1640, 2040	VI	SS	active
490.0	L2B	Buenos Aires	[F]	\$06F	ARG	Argentina	34° 36' S - 58° 22' W	GF05tj	280	0050, 0450, 0850, 1250, 1650, 2050	VI	SS	active

490.0		Porto Novo (Tamil Nadu)	[E]	\$08E	IND	India	11° 30' N - 79° 46' E	MK91vm	250	0040, 0440, 0840, 1240, 1640, 2040	VIII	??	planned
490.0		Vakalpudi (Andhra Pradesh)	[G]	\$08G	IND	India	17° 00' N - 82° 17' E	NK17da	250	0100, 0500, 0900, 1300, 1700, 2100	VIII	??	planned
490.0		Balasure (Orissa)	[I]	\$08I	IND	India	21° 29' N - 86° 55' E	NL31ll	250	0120, 0520, 0920, 1320, 1720, 2120	VIII	??	planned
490.0	VWP	Keating Point (Andaman)	[K]	\$08K	IND	India	09° 15' N - 92° 46' E	NJ69jg	250	0140, 0540, 0940, 1340, 1740, 2140	VIII	??	planned
490.0	S7Q	Mahé	[M]	\$08M	SEY	Seychelles	04° 39' S - 55° 28' E	LI75ri	250	0200, 0600, 1000, 1400, 1800, 2200	VIII	CR	active
490.0		Veraval (Gujarat)	[P]	\$08P	IND	India	20° 54' N - 70° 23' E	ML50ev	250	0230, 0630, 1030, 1430, 1830, 2230	VIII	??	planned
490.0	VUU	Vengrula (Maharashtra)	[R]	\$08R	IND	India	15° 51' N - 73° 37' E	MK65tu	250	0250, 0650, 1050, 1450, 1850, 2250	VIII	??	planned
490.0		Muttam Point (Tamil Nadu)	[T]	\$08T	IND	India	08° 07' N - 77° 19' E	MJ88pc	250	0310, 0710, 1110, 1510, 1910, 2310	VIII	??	planned

490.0	EQM	Bushehr	[D]	\$09D	IRN	Iran	28° 59' N - 50° 50' E	LL58kx	300	0030, 0430, 0830, 1230, 1630, 2030	IX	PE	active
490.0	A4M	Wattayah/Muscat	[F]	\$09F	OMA	Oman	23° 36' N - 58° 30' E	LL93go	270	0050, 0450, 0850, 1250, 1650, 2050	IX	AA	planned
490.0	EQI	Bandar-e-Shahid Rajai	[I]	\$09I	IRN	Iran	27° 07' N - 56° 04' E	LL87ac	300	0120, 0520, 0920, 1320, 1720, 2120	IX	PE	active
490.0	A4A21	Salalah	[V]	\$09V	OMA	Oman	17° 01' N - 54° 16' E	LK77da	400	0330, 0730, 1130, 1530, 1930, 2330	IX	AA	planned
490.0		Um Qasr	[W]	\$09W	IRQ	Iraq	30° 02' N - 47° 57' E	LM30xa	200	0340, 0740, 1140, 1540, 1940, 2340	IX	EE	active

490.0	HMZ	Pyongyang	[A]	\$11A	KRE	North Korea	38° 55' N - 125° 43' E	PM28uv	200	0000, 0400, 0800, 1200, 1600, 2000	XI	KO	active
490.0	HMH	Hamhung	[B]	\$11B	KRE	North Korea	39° 50' N - 127° 41' E	PM39uu	200	0010, 0410, 0810, 1210, 1610, 2010	XI	KO	active
490.0	XVT	Da Nang	[F]	\$11F	VTN	Vietnam	16° 03' N - 108° 12' E	OK46cb	400	0050, 0450, 0850, 1250, 1650, 2050	XI	VV	active
490.0		Puerto Princesa	[I]	\$11I	PHL	Philippines	09° 44' N - 118° 44' E	OJ99ir	320	0120, 0520, 0920, 1320, 1720, 2120	XI	??	planned
490.0	HL	Chukpyon	[J]	\$11J	KOR	South Korea	37° 03' N - 129° 26' E	PM47rb	200	0130, 0530, 0930, 1330, 1730, 2130	XI	KO	active
490.0	HL	Pyonsan (Byeonsan)	[K]	\$11K	KOR	South Korea	35° 36' N - 126° 29' E	PM35fo	200	0140, 0540, 0940, 1340, 1740, 2140	XI	KO	active
490.0		Hai Phong	[M]	\$11M	VTN	Vietnam	20° 51' N - 106° 41' E	OL30iu	400	0200, 0600, 1000, 1400, 1800, 2200	XI	VV	active
490.0		Lintou	[V]	\$11V	TWN	Taiwan	23° 33' N - 119° 38' E	OL93tn	350	0330, 0730, 1130, 1530, 1930, 2330	XI	CC	active
490.0	XVR	Vung Tau	[V]	\$11V	VTN	Vietnam	10° 23' N - 107° 08' E	OK30nj	400	0330, 0730, 1130, 1530, 1930, 2330	XI	VV	active
490.0	XSY	Yenliaoken	[X]	\$11X	TWN	Taiwan	23° 54' N - 121° 36' E	PL03tv	350	0350, 0750, 1150, 1550, 1950, 2350	XI	CC	active

490.0	HCY	Ayora	[A]	\$12A	GAL	Galapagos	00° 45' S - 90° 19' W	EI49ug	250-400	0000, 0400, 0800, 1200, 1600, 2000	XII	SS	active
490.0		Buenaventura	[C]	\$12C	CLM	Colombia	03° 54' N - 77° 03' W	FJ13lv	300	0020, 0420, 0820, 1220, 1620, 2020	XII	SS	active
490.0	CBA	Antofagasta	[G]	\$15G	CHL	Chile	23° 30' S - 70° 25' W	FG46sm	400	0100, 0500, 0900, 1300, 1700, 2100	XV	SS	active
490.0	CBV	Valparaíso (Playa Ancha)	[H]	\$15H	CHL	Chile	33° 05' S - 71° 37' W	FF46ev	300	0110, 0510, 0910, 1310, 1710, 2110	XV	SS	active
490.0	CBT	Talcahuano	[I]	\$15I	CHL	Chile	36° 41' S - 73° 07' W	FF33kh	400	0120, 0520, 0920, 1320, 1720, 2120	XV	SS	active
490.0	CBP	Puerto Montt	[J]	\$15J	CHL	Chile	41° 29' S - 72° 57' W	FE38mm	400	0130, 0530, 0930, 1330, 1730, 2130	XV	SS	active
490.0	CBM	Punta Arenas (Magallenes)	[K]	\$15K	CHL	Chile	53° 10' S - 70° 54' W	FD46nu	400	0140, 0540, 0940, 1340, 1740, 2140	XV	SS	active
490.0	CBY	Isla de Pascua	[L]	\$15L	PAQ	Easter Island	27° 09' S - 109° 25' W	DG52gu	400	0150, 0550, 0950, 1350, 1750, 2150	XV	SS	inactive

SECTION THREE:

518 kHz NAVTEX SERVICE - INTERNATIONAL LANGUAGES:

kHz:	Call:	Location:	Slot:	Rxx:	COU:	Country:	Latitude:	Longitude:	LOC:	Range	Transmission Times - All in UTC:	Area:	Lang:	Status:
										nm:				
518.0	FRC	CROSS Corsen	[A]	\$01A	FRA	France	48° 28' N - 05° 03' W		IN78II	300	0000, 0400, 0800, 1200, 1600, 2000	I	EE	active
518.0	OXJ	Tórshavn	[D]	\$01D	FRO	Faroes	62° 01' N - 06° 48' W		IP62oa	250	0030, 0430, 0830, 1230, 1630, 2030	I	EE	active
518.0	GNI	Niton	[E]	\$01E	ENG	England	50° 35' N - 01° 15' W		IO90jo	270	0040, 0440, 0840, 1240, 1640, 2040	I	EE	active
518.0	ESA	Tallinn	[F]	\$01F	EST	Estonia	59° 30' N - 24° 30' E		KO29gm	250	0050, 0450, 0850, 1250, 1650, 2040	I	EE	active
518.0	GCC	Cullercoats	[G]	\$01G	ENG	England	55° 04' N - 01° 28' W		IO95gb	270	0100, 0500, 0900, 1300, 1700, 2100	I	EE	active
518.0	SDJ	Bjuröklubb	[H]	\$01H	SWE	Sweden	64° 28' N - 21° 36' E		KP04tl	300	0110, 0510, 0910, 1310, 1710, 2110	I	EE	active
518.0	SDJ	Grimeton	[I]	\$01I	SWE	Sweden	57° 06' N - 12° 23' E		JO67ec	300	0120, 0520, 0920, 1320, 1720, 2120	I	EE	active
518.0	SDJ	Gislövshammar	[J]	\$01J	SWE	Sweden	55° 29' N - 14° 19' E		JO75dl	300	0130, 0530, 0930, 1330, 1730, 2130	I	EE	active
518.0	GNI	Niton (N. France)	[K]	\$01K	ENG	England	50° 35' N - 01° 15' W		IO93jo	270	0140, 0540, 0940, 1340, 1740, 2140	I	EE	active
518.0	LGQ	Rogaland Radio (Vigre site)	[L]	\$01L	NOR	Norway	58° 39' N - 05° 36' E		JO28tp	450	0150, 0550, 0950, 1350, 1750, 2150	I	EE	active
518.0	LGT	Jeløya	[M]	\$01M	NOR	Norway	59° 26' N - 10° 35' E		JO59hk	450	0200, 0600, 1000, 1400, 1800, 2200	I	EE	active
518.0	LFO	Orlandet Radio (Grande site) (#1)	[N]	\$01N	NOR	Norway	63° 40' N - 09° 33' E		JP43sp	450	0210, 0610, 1010, 1410, 1810, 2210	I	EE	active
518.0	GPK	Portpatrick	[O]	\$01O	SCT	Scotland	54° 51' N - 05° 07' W		IO74ku	270	0220, 0620, 1020, 1420, 1820, 2220	I	EE	active
518.0	PBK	Netherlands Coastguard	[P]	\$01P	HOL	Netherlands	52° 55' N - 04° 14' E		JO22cv	250	0230, 0630, 1030, 1430, 1830, 2230	I	EE	active
518.0	EJM	Malin Head Coast Guard	[Q]	\$01Q	IRL	Ireland	55° 22' N - 07° 21' W		IO65hi	400	0240, 0640, 1040, 1440, 1840, 2240	I	EE	active
518.0	TFA	Saudanes	[R]	\$01R	ISL	Iceland	66° 11' N - 18° 57' E		IP06me	450	0250, 0650, 1050, 1450, 1850, 2250	I	EE	active
518.0	DDH51	Pinneberg	[S]	\$01S	DEU	Germany	53° 43' N - 09° 55' E		JO43wr	250-400	0300, 0700, 1100, 1500, 1900, 2300	I	EE	active
518.0	OST	Oostende	[T]	\$01T	BEL	Belgium	51° 11' N - 02° 48' E		JO11je	150	0310, 0710, 1110, 1510, 1910, 2310	I	EE	active
518.0	OST	Oostende (Thames)	[V]	\$01V	BEL	Belgium	51° 11' N - 02° 48' E		JO11je	150	0330, 0730, 1130, 1530, 1930, 2330	I	EE	active
518.0	EJK	Valentia Coast Guard	[W]	\$01W	IRL	Ireland	51° 56' N - 10° 21' W		IO41tw	400	0340, 0740, 1140, 1540, 1940, 2340	I	EE	active
518.0	TFA	Grindavik	[X]	\$01X	ISL	Iceland	63° 47' N - 22° 31' W		HP83rs	450	0350, 0750, 1150, 1550, 1950, 2350	I	EE	active

NOTE # 1: NAVTEX station operated from Rogaland Radio/LGQ

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518.0	FRC	CROSS Corsen	[A]	\$02A	FRA	France	48° 28' N - 05° 03' W		IL18tk	300	0000, 0400, 0800, 1200, 1600, 2000	II	EE	active
518.0	6VA	Dakar	[C]	\$02C	SEN	Senegal	14° 46' N - 17° 20' W		IK14hs	250	0020, 0420, 0820, 1220, 1620, 2020	II	EE	inactive
518.0	EAR	Coruna	[D]	\$02D	ESP	Spain	43° 22' N - 08° 27' W		IN53si	400	0030, 0430, 0830, 1230, 1630, 2030	II	EE	active
518.0	CTH	Sao Miguel (CENCOMARACORES)	[F]	\$02F	AZR	Azores	37° 48' N - 25° 33' W		HM77ft	300	0050, 0450, 0850, 1250, 1650, 2050	II	EE	active
518.0	EAC	Tarifa	[G]	\$02G	ESP	Spain	36° 02' N - 05° 33' W		IM76fa	400	0100, 0500, 0900, 1300, 1700, 2100	II	EE	active
518.0		Oron	[H]	\$02H	NIG	Nigeria	04° 48' N - 08° 15' E		JJ44dt	250	0110, 0510, 0910, 1310, 1710, 2110	II	EE	planned
518.0	EAL	Las Palmas	[I]	\$02I	CNR	Canary Isles	28° 26' N - 16° 20' W		IL18tk	400	0120, 0520, 0920, 1320, 1720, 2120	II	EE	active
518.0	CNP	Casablanca	[M]	\$02M	MRC	Morocco	33° 36' N - 07° 38' W		IM63eo	180	0200, 0600, 1000, 1400, 1800, 2200	II	EE	planned
518.0	CTQ	Porto Santo (CENCOMAMADEIRA)	[P]	\$02P	MDR	Madeira	33° 06' N - 16° 30' W		IM13sc	300	0230, 0630, 1030, 1430, 1830, 2230	II	EE	active
518.0	CTV-251	Penalva (CENCOMAR)	[R]	\$02R	POR	Portugal	38° 36' N - 09° 02' W		IM58lo	300	0250, 0650, 1050, 1450, 1850, 2250	II	EE	active
518.0	50W	Lagos	[S]	\$02S	NIG	Nigeria	06° 26' N - 03° 18' E		JJ16pk	200-260	0300, 0700, 1100, 1500, 1900, 2300	II	EE	planned
518.0	D4A	São Vicente Radio	[U]	\$02U	CPV	Cape Verde	16° 51' N - 25° 00' W		HK76mu	250	0320, 0720, 1120, 1520, 1920, 2320	II	EE	active
518.0	TJC	Douala			CME	Cameroon						II	EE	planned
518.0	5TA	Nouadhibou			MTN	Mauritania						II	EE	planned
518.0		Bonny			NIG	Nigeria						II	EE	planned
518.0	TUA	Abidjan Radio			CTI	Ivory Coast	05° 19' N - 04° 01' W		KJ85xh			II	EE	planned

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518.0	UFN	Novorossiysk	[A]	\$03A	RUS	Russia	44° 36' N - 37° 58' E		KN84xo	300	0000, 0400, 0800, 1200, 1600, 2000	III	EE	active
518.0	7TA	Ain Taya Radio	[B]	\$03B	ALG	Algeria	36° 48' N - 03° 15' E		JM16pp	200	0010, 0410, 0810, 1210, 1610, 2010	III	EE	active
518.0	UTT	Odesa	[C]	\$03C	UKR	Ukraine	46° 29' N - 30° 44' E		KN56il	280	0020, 0420, 0820, 1220, 1620, 2020	III	EE	active

518.0	TAH	Istanbul	[D]	\$03D	TUR	Turkey	41° 04' N - 28° 57' E	KN41lb	300	0030, 0430, 0830, 1230, 1630, 2030	III	EE	active
518.0	TAF	Samsun	[E]	\$03E	TUR	Turkey	41° 17' N - 36° 20' E	KN81eg	300	0040, 0440, 0840, 1240, 1640, 2040	III	EE	active
518.0	TAL	Antalya	[F]	\$03F	TUR	Turkey	36° 53' N - 30° 42' E	KM56lv	300	0050, 0450, 0850, 1250, 1650, 2050	III	EE	active
518.0	UKW	Berdiansk	[G]	\$03G	UKR	Ukraine	46° 38' N - 36° 45' E	KN86jp	250	0100, 0500, 0900, 1300, 1700, 2100	III	EE	active
518.0		Fereydoon Kenar	[G]	\$03G	IRN	Iran	36° 42' N - 52° 33' E	LM66gq	250	0100, 0500, 0900, 1300, 1700, 2100	III	EE	active
518.0	SVH	Iráklio (Crete)	[H]	\$03H	GRC	Greece	35° 19' N - 25° 45' E	KM25vh	280-400	0110, 0510, 0910, 1310, 1710, 2110	III	EE	active
518.0	TAN	Izmir	[I]	\$03I	TUR	Turkey	38° 17' N - 26° 16' E	KM38dg	300	0120, 0520, 0920, 1320, 1720, 2120	III	EE	active
518.0	LZW	Varna	[J]	\$03J	BUL	Bulgaria	43° 04' N - 27° 46' E	KN33vb	350	0130, 0530, 0930, 1330, 1730, 2130	III	EE	active
518.0	SVK	Kerkyra	[K]	\$03K	GRC	Greece	39° 36' N - 19° 53' E	JM99wo	400	0140, 0540, 0940, 1340, 1740, 2140	III	EE	active
518.0	SVL	Limnos	[L]	\$03L	GRC	Greece	39° 54' N - 25° 11' E	KM29ov	400	0150, 0550, 0950, 1350, 1750, 2150	III	EE	active
518.0	5BA	Cyprus	[M]	\$03M	CYP	Cyprus	35° 03' N - 33° 17' E	KM65pb	220	0200, 0600, 1000, 1400, 1800, 2200	III	EE	active
518.0	SUH	Alexandria	[N]	\$03N	EGY	Egypt	31° 12' N - 29° 52' E	KM41we	350	0210, 0610, 1010, 1410, 1810, 2210	III	EE	active
518.0	9HD	Malta	[O]	\$03O	MLT	Malta	35° 51' N - 14° 29' E	JM75fu	400	0220, 0620, 1020, 1420, 1820, 2220	III	EE	active
518.0	4XO	Haifa	[P]	\$03P	ISR	Israel	32° 49' N - 35° 00' E	KM72mt	200	0230, 0630, 1030, 1430, 1830, 2230	III	EE	active
518.0	9AS	Split	[Q]	\$03Q	HRV	Croatia	43° 30' N - 16° 29' E	JN83fm	150	0240, 0640, 1040, 1440, 1840, 2240	III	EE	active
518.0	ICH	La Maddalena	[R]	\$03R	SAR	Sardinia	41° 13' N - 09° 23' E	JN41qf	320	0250, 0650, 1050, 1450, 1850, 2250	III	EE	active
518.0	UBJ	Baku (Chilov)	[R]	\$03R	AZE	Azerbaijan	40° 19' N - 50° 36' E	LN50hh	200	0250, 0650, 1050, 1450, 1850, 2250	III	EE	active
518.0		Surt	[S]	\$03S	LBY	Libya	31° 14' N - 16° 17' E	JM81df	320	0300, 0700, 1100, 1500, 1900, 2300	III	EE	planned
518.0	3VL	Kelibia (broadcasts via Malta \$03O)	[T]	\$03T	TUN	Tunisia	36° 48' N - 11° 02' E	JM56mt	270	0310, 0710, 1110, 1510, 1910, 2310	III	EE	via Malta
518.0	IQM	Mondolfo	[U]	\$03U	ITA	Italy	43° 44' N - 13° 08' E	JN63ns	320	0320, 0720, 1120, 1520, 1920, 2320	III	EE	active
518.0	ICI	Sellia Marina	[V]	\$03V	ITA	Italy	38° 52' N - 16° 43' E	JM88iu	320	0330, 0730, 1130, 1530, 1930, 2330	III	EE	active
518.0	FRL	CROSS La Garde	[W]	\$03W	FRA	France	43° 06' N - 05° 59' E	JN23xc	250	0340, 0740, 1140, 1540, 1940, 2340	III	EE	active
518.0	UJB	Astrakhan	[W]	\$03W	RUS	Russia (Caspian)	45° 47' N - 47° 33' E	LN35ss	250	0340, 0740, 1140, 1540, 1940, 2340	III	EE	active
518.0	EAV	Valencia (Cabo de la Nao)	[X]	\$03X	ESP	Spain	38° 43' N - 00° 11' E	JM08cr	300	0350, 0750, 1150, 1550, 1950, 2350	III	EE	active

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518.0	NMA	Miami, FL	[A]	\$04A	USA	United States	25° 37' N - 80° 23' W	EL95to	240	0000, 0400, 0800, 1200, 1600, 2000	IV	EE	active
518.0	ZBR	Bermuda Harbour	[B]	\$04B	BER	Bermuda	32° 21' N - 64° 39' W	FM72qi	280	0010, 0410, 0810, 1210, 1610, 2010	IV	EE	active
518.0	VCK	Moise CG, QC (VCG)	[C]	\$04C	CAN	Canada	50° 11' N - 66° 07' W	FO60we	300	0020, 0420, 0820, 1220, 1620, 2020	IV	EE	active
518.0	HJW	Santa Marta	[C]	\$04C	CLM	Colombia	11° 03' N - 74° 13' W	FK21vb	300	0020, 0420, 0820, 1220, 1620, 2020	IV	EE	active
518.0	NME	Charleston, SC	[E]	\$04E	USA	United States	32° 08' N - 79° 57' W	FM02ad	200	0040, 0440, 0840, 1240, 1640, 2040	IV	EE	active
518.0	NMF	Boston, MA	[F]	\$04F	USA	United States	41° 43' N - 70° 30' W	FN41sr	200	0050, 0450, 0850, 1250, 1650, 2050	IV	EE	active
518.0	NMG	New Orleans, LA	[G]	\$04G	USA	United States	29° 53' N - 89° 55' W	EL59av	200	0100, 0500, 0900, 1300, 1700, 2100	IV	EE	active
518.0	XMJ329	Ferndale CG, ON (VBR)	[H]	\$04H	CAN	Canada	45° 42' N - 75° 31' W	FN25fq	300	0110, 0510, 0910, 1310, 1710, 2110	IV	EE	active
518.0	PJC	Curacao	[H]	\$04H	ATN	Netherland Antilles	12° 10' N - 68° 52' W	FK52ne	250	0110, 0510, 0910, 1310, 1710, 2110	IV	EE	active
518.0	OXF	Simiutaq (Cape Farewell area)	[M]	\$04M	GRL	Greenland	60° 41' N - 46° 35' W	GP60qq	300	0200, 0600, 1000, 1400, 1800, 2200	IV	EE	active
518.0	NMN	CAMSLANT Portsmouth, VA	[N]	\$04N	USA	United States	36° 43' N - 76° 00' W	FM26ar	280	0210, 0610, 1010, 1410, 1810, 2210	IV	EE	active
518.0	VON	Robin Hood Bay CG, NL	[O]	\$04O	CAN	Canada	47° 37' N - 52° 40' W	GN37qo	300	0220, 0620, 1020, 1420, 1820, 2220	IV	EE	active
518.0	XLJ895	Pass Lake CG, ON (VBA)	[P]	\$04P	CAN	Canada	48° 34' N - 88° 39' W	EN58qn	300	0230, 0630, 1030, 1430, 1830, 2230	IV	EE	active
518.0	VCO	Port Caledonia CG, NS	[Q]	\$04Q	CAN	Canada	46° 11' N - 59° 54' W	GN06be	300	0240, 0640, 1040, 1440, 1840, 2240	IV	EE	active
518.0	NMR	Isabella - San Juan, PR	[R]	\$04R	PTR	Puerto Rico	18° 28' N - 67° 04' W	FK68ll	200	0250, 0650, 1050, 1450, 1850, 2250	IV	EE	active
518.0	VFF	Iqaluit CG, NU (May-Dec only)	[T]	\$04T	CAN	Canada	63° 44' N - 68° 33' W	FP53rr	150	0310, 0710, 1110, 1510, 1910, 2310	IV	EE	active
518.0	VAR-9	Chebogue CG, NB (VAR)	[U]	\$04U	CAN	Canada	45° 14' N - 65° 59' W	FN63ws	300	0320, 0720, 1120, 1520, 1920, 2320	IV	EE	active
518.0	OXI	Nuuk (Kook Island)	[W]	\$04W	GRL	Greenland	64° 04' N - 52° 02' W	GP34xb	400	0340, 0740, 1140, 1540, 1940, 2340	IV	EE	active
518.0	VOK	Cartwright CG, NL	[X]	\$04X	CAN	Canada	53° 42' N - 57° 01' W	GO13lq	300	0350, 0750, 1150, 1550, 1950, 2350	IV	EE	active
518.0	XFU	Veracruz			MEX	Mexico	19° 09' N - 96° 07' W	EK19wd	250		IV	EE	planned
518.0	XFC	Cozumel			MEX	Mexico	20° 16' N - 86° 44' W	EL60pg	250		IV	EE	planned
518.0	YVG	La Guaira			VEN	Venezuela					IV		planned

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518.0	PWZ	Rio de Janeiro			BRA	Brazil					V		planned
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518.0	CWM27	La Paloma	[A]	\$06A	URG	Uruguay	34° 40' S - 54° 09' W	GF25wi	280	0000, 0400, 0800, 1200, 1600, 2000	VI	EE	inactive	
518.0	L6I	Rosairo	[G]	\$06G	ARG	Argentina	32° 57' S - 60° 40' W	FF97qb	280	0100, 0500, 0900, 1300, 1700, 2100	VI	SS	inactive	
518.0	L3K	Ushuaia	[M]	\$06M	ARG	Argentina	54° 48' S - 68° 18' W	FD55ue	280	0200, 0600, 1000, 1400, 1800, 2200	VI	EE	active	
518.0	L3D	Río Gallegos	[N]	\$06N	ARG	Argentina	51° 37' S - 69° 13' W	FD58jj	280	0210, 0610, 1010, 1410, 1810, 2210	VI	EE	active	
518.0	L2W	Comodoro Rivadavia	[O]	\$06O	ARG	Argentina	45° 51' S - 67° 25' W	FE64gd	280	0220, 0620, 1020, 1410, 1810, 2210	VI	EE	active	
518.0	L2I	Bahia Blanca	[P]	\$06P	ARG	Argentina	38° 43' S - 62° 06' W	FF81wg	280	0230, 0630, 1030, 1430, 1830, 2230	VI	EE	active	
518.0	L2P	Mar del Plata	[Q]	\$06Q	ARG	Argentina	38° 03' S - 57° 32' W	GF11fw	280	0240, 0640, 1040, 1440, 1840, 2240	VI	EE	active	
518.0	L2B	Buenos Aires	[R]	\$06R	ARG	Argentina	34° 36' S - 58° 22' W	GF05tj	280	0250, 0650, 1050, 1450, 1850, 2250	VI	EE	active	
518.0	L6I	Rosairo	[S]	\$06S	ARG	Argentina	32° 57' S - 60° 40' W	FF97qb	280	0300, 0700, 1100, 1500, 1900, 2000	VI	EE	inactive	
518.0	CWM	Montivideo			URG	Uruguay	34° 52' S - 56° 19' W	GF15ud			VI	EE	planned	
518.0	CWM23	Colonia			URG	Uruguay					VI	EE	planned	
518.0	CWM30	Punta del Este			URG	Uruguay	34° 58' S - 54° 57' W	GF25ma			VI	EE	planned	
518.0	CWM31	Salto			URG	Uruguay					VI	EE	planned	
518.0	CWM32	Laguna del Sauce			URG	Uruguay					VI	EE	planned	
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518.0	V5W	Walvis Bay	[B]	\$07B	NMB	Namibia	23° 03' S - 14° 37' E	JG76hw	380	0010, 0410, 0810, 1210, 1610, 2010	VII	EE	inactive	
518.0	ZSC	Cape Town	[C]	\$07C	AFS	South Africa	33° 41' S - 18° 43' E	JF96ih	500	0020, 0420, 0820, 1220, 1620, 2020	VII	EE	active	
518.0	ZSQ	Port Elizabeth	[I]	\$07I	AFS	South Africa	34° 02' S - 25° 33' E	KF25sx	500	0120, 0520, 0920, 1320, 1720, 2120	VII	EE	active	
518.0	ZSD	Durban	[O]	\$07O	AFS	South Africa	29° 48' S - 30° 49' E	KG50je	250	0220, 0620, 1020, 1420, 1820, 2220	VII	EE	active	
518.0	ZSM	Cape Columbine	[U]	\$07U	AFS	South Africa	32° 49' S - 17° 51' E	JF87we	250	0320, 0720, 1120, 1520, 1920, 2320	VII	EE	active	
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518.0	3BM	Mauritius Radio (Cassis)	[C]	\$08C	MAU	Mauritius	20° 10' S - 57° 28' E	LG89rt	400	0020, 0420, 0820, 1220, 1620, 2020	VIII	EE	active	
518.0		Veraval (Gujarat)	[H]	\$08H	IND	India	20° 54' N - 70° 23' E	ML50ev	250	0110, 0510, 0910, 1310, 1710, 2110	VIII	EE	active	
518.0	VUU	Vengrula (Maharashtra)	[J]	\$08J	IND	India	15° 51' N - 73° 37' E	MK65tu	250	0130, 0530, 0930, 1330, 1730, 2130	VIII	EE	active	
518.0		Muttam Point (Tamil Nadu)	[L]	\$08L	IND	India	08° 07' N - 77° 19' E	MJ88pc	250	0150, 0550, 0950, 1350, 1750, 2150	VIII	EE	active	
518.0		Porto Novo (Tamil Nadu)	[O]	\$08O	IND	India	11° 30' N - 79° 46' E	MK91vm	250	0220, 0620, 1020, 1410, 1810, 2210	VIII	EE	active	
518.0		Vakalpudi (Andhra Pradesh)	[Q]	\$08Q	IND	India	17° 00' N - 82° 17' E	NK17da	250	0240, 0640, 1040, 1440, 1840, 2240	VIII	EE	active	
518.0		Balasore (Orissa)	[S]	\$08S	IND	India	21° 29' N - 86° 55' E	NL31ll	250	0300, 0700, 1100, 1500, 1900, 2300	VIII	EE	active	
518.0	S7Q	Mahé	[T]	\$08T	SEY	Seychelles	04° 39' S - 55° 28' E	LI75ri	250	0310, 0710, 1110, 1510, 1910, 2310	VIII	EE	active	
518.0	VWP	Keating Point (Andaman)	[V]	\$08V	IND	India	09° 15' N - 92° 46' E	NJ69jg	250	0330, 0730, 1130, 1530, 1930, 2330	VIII	EE	active	
518.0	SHA	Dar es Salaam			TZA	Tanzania	06° 45' S - 39° 20' E	KI93qq			VIII	EE	planned	
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518.0	EQM	Bushehr	[A]	\$09A	IRN	Iran	28° 58' N - 50° 50' E	LL58kx	300	0000, 0400, 0800, 1200, 1600, 2000	IX	EE	active	
518.0	A9M	Hamala	[B]	\$09B	BHR	Bahrain	26° 09' N - 50° 28' E	LL56fd	300	0010, 0410, 0810, 1210, 1610, 2010	IX	EE	active	
518.0	A4A21	Salalah	[D]	\$09D	OMA	Oman	17° 01' N - 54° 16' E	LK77da	400	0030, 0430, 0830, 1230, 1630, 2030	IX	EE	planned	
518.0	EQI	Bandar-e-Shahid Rajai	[F]	\$09F	IRN	Iran	27° 08' N - 57° 04' E	LL87ac	300	0050, 0450, 0850, 1250, 1650, 2050	IX	EE	active	
518.0	HZG	Dammam	[G]	\$09G	ARS	Saudi Arabia	26° 26' N - 50° 06' E	LL56bk	390	0100, 0500, 0900, 1300, 1700, 2100	IX	EE	inactive	
518.0	HZH	Jeddah	[H]	\$09H	ARS	Saudi Arabia	21° 23' N - 39° 11' E	KL91oj	390	0110, 0510, 0910, 1310, 1710, 2110	IX	EE	inactive	
518.0	A4M	Wattayah/Muscat	[M]	\$09M	OMA	Oman	23° 36' N - 58° 30' E	LL93go	270	0200, 0600, 1000, 1400, 1800, 2200	IX	EE	active	
518.0	ASK	Karachi	[P]	\$09P	PAK	Pakistan	24° 51' N - 67° 03' E	ML34mu	400	0230, 0630, 1030, 1430, 1830, 2230	IX	EE	active	
518.0	SUK	Kosseir (Al Qusayr)	[V]	\$09V	EGY	Egypt	26° 06' N - 34° 17' E	KL76dc	350	0330, 0730, 1130, 1530, 1930, 2330	IX	EE	active	
518.0	SUZ	Ismailia (al Ismailiyah)	[X]	\$09X	EGY	Egypt	30° 28' N - 32° 22' E	KM60el	400	0350, 0750, 1150, 1550, 1950, 2350	IX	EE	active	
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518.0	PNK	Jayapura	[A]	\$11A	INS	Indonesia	02° 31' S - 140° 43' E	QI07il	300	0000, 0400, 0800, 1200, 1600, 2000	XI	EE	active	

518.0	PKE	Ambon	[B]	\$11B	INS	Indonesia	03° 42' S - 128° 12' E	PI46ch	300	0010, 0410, 0810, 1210, 1610, 2010	XI	EE	active
518.0	9VG	Singapore	[C]	\$11C	SNG	Singapore	01° 20' N - 103° 42' E	OJ11uh	400	0020, 0420, 0820, 1220, 1620, 2020	XI	EE	active
518.0	PKF	Makassar	[D]	\$11D	INS	Indonesia	05° 06' S - 119° 26' E	QI94rv	300	0030, 0430, 0830, 1230, 1630, 2030	XI	EE	active
518.0	HMZ	Pyongyang	[D]	\$11D	KRE	North Korea	38° 55' N - 125° 43' E	PM28uv	200	0030, 0430, 0830, 1230, 1630, 2030	XI	EE	active
518.0	PKX	Jakarta	[E]	\$11E	INS	Indonesia	06° 07' S - 106° 52' E	OI33kv	300	0040, 0440, 0840, 1240, 1640, 2040	XI	EE	active
518.0	HMH	Hamhung	[E]	\$11E	KRE	North Korea	39° 50' N - 127° 41' E	PM39uu	200	0030, 0430, 0830, 1230, 1630, 2030	XI	EE	active
518.0	HSA	Bangkok (Nonthaburi)	[F]	\$11F	THA	Thailand	13° 01' N - 100° 01' E	OK03aa	200	0050, 0450, 0850, 1250, 1650, 2050	XI	EE	active
518.0	JNB	Naha	[G]	\$11G	JPN	Japan	26° 09' N - 127° 46' E	PL36vd	400	0100, 0500, 0900, 1300, 1700, 2100	XI	EE	active
518.0	JNR	Moji	[H]	\$11H	JPN	Japan	33° 52' N - 130° 36' E	PM53hu	400	0110, 0510, 0910, 1310, 1710, 2110	XI	EE	active
518.0	DVS	Puerto Princesa	[I]	\$11I	PHL	Philippines	09° 44' N - 121° 03' E	OJ99ir	320	0120, 0520, 0920, 1320, 1720, 2120	XI	EE	active
518.0	JGC	Yokohama	[I]	\$11I	JPN	Japan	35° 14' N - 139° 55' E	PM95wf	400	0120, 0520, 0920, 1320, 1720, 2120	XI	EE	active
518.0	DZS	Manila	[J]	\$11J	PHL	Philippines	14° 30' N - 121° 04' E	PK04mm	320	0130, 0530, 0930, 1330, 1730, 2130	XI	EE	active
518.0	JNL	Otaru	[J]	\$11J	JPN	Japan	43° 12' N - 141° 00' E	QN03me	400	0130, 0530, 0930, 1330, 1730, 2130	XI	EE	active
518.0	XVT	Da Nang	[K]	\$11K	VTN	Vietnam	16° 04' N - 108° 13' E	OK46cb	400	0140, 0540, 0940, 1340, 1740, 2140	XI	EE	active
518.0	JNX	Kushiro	[K]	\$11K	JPN	Japan	42° 59' N - 144° 23' E	QN22ex	400	0140, 0540, 0940, 1340, 1740, 2140	XI	EE	active
518.0	VRX	Hong Kong	[L]	\$11L	CHN	China	22° 13' N - 114° 15' E	OL72df	250	0150, 0550, 0950, 1350, 1750, 2150	XI	EE	active
518.0	XSI	Sanya	[M]	\$11M	CHN	China	18° 17' N - 109° 21' E	OK48qg	250	0200, 0600, 1000, 1400, 1800, 2200	XI	EE	active
518.0	XSQ	Guangzhou	[N]	\$11N	CHN	China	23° 09' N - 113° 31' E	OL63sd	250	0210, 0610, 1010, 1410, 1810, 2210	XI	EE	active
518.0	XSL	Fuzhou	[O]	\$11O	CHN	China	26° 00' N - 119° 26' E	OL96ra	250	0220, 0620, 1020, 1420, 1820, 2220	XI	EE	active
518.0	XSX	Chi-Lung (Keelung)	[P]	\$11P	TWN	Taiwan	25° 08' N - 121° 45' E	PL05vd	350	0630, 1430, 2230	XI	EE	active
518.0	XSW	Linyuan	[P]	\$11P	TWN	Taiwan	22° 29' N - 120° 25' E	PL02fl	350	0230, 1030, 1830	XI	EE	active
518.0	XSG	Shanghai	[Q]	\$11Q	CHN	China	31° 07' N - 121° 33' E	PM01sc	250	0240, 0640, 1040, 1440, 1840, 2240	XI	EE	active
518.0	XSZ	Dalian	[R]	\$11R	CHN	China	38° 51' N - 121° 31' E	PM08su	250	0250, 0650, 1050, 1450, 1850, 2250	XI	EE	active
518.0		Davao	[R]	\$11R	PHL	Philippines	07° 04' N - 125° 36' E	PJ27tb	320	0250, 0650, 1040, 1440, 1840, 2240	XI	EE	active
518.0	9WH21	Sandakan	[S]	\$11S	MLA	Malaysia	05° 54' N - 118° 00' E	OJ95av	350	0300, 0700, 1000, 1500, 1900, 2300	XI	EE	active
518.0	XSV	Tianjin	[S]	\$11S	CHN	China	39° 02' N - 117° 26' E	OM89ra	250	0300, 0700, 1100, 1500, 1900, 2300	XI	EE	active
518.0	9WW21	Miri (Sarawak)	[T]	\$11T	MLA	Malaysia	04° 26' N - 114° 01' E	OJ74ak	350	0310, 0710, 1110, 1510, 1910, 2310	XI	EE	active
518.0	9MG	Penang	[U]	\$11U	MLA	Malaysia	05° 25' N - 100° 24' E	OJ05ek	350	0320, 0720, 1120, 1520, 1920, 2320	XI	EE	active
518.0	NRV	Guam	[V]	\$11V	GUM	Guam	13° 29' N - 144° 50' E	QK23kl	100	0330, 0730, 1130, 1530, 1930, 2330	XI	EE	active
518.0	HL	Chukpyon	[V]	\$11V	KOR	South Korea	37° 03' N - 129° 26' E	PM47rb	200	0330, 0730, 1130, 1530, 1930, 2330	XI	EE	active
518.0	HL	Pyonsan (Byeonsan)	[W]	\$11W	KOR	South Korea	35° 36' N - 126° 29' E	PM35fo	200	0340, 0740, 1140, 1540, 1940, 2140	XI	KO	active
518.0	XVS	Ho Chi Minh	[X]	\$11X	VTN	Vietnam	10° 23' N - 107° 08' E	OK30nj	400	0350, 0750, 1150, 1550, 1950, 2350	XI	EE	active

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518.0	NMC	San Francisco (Point Reyes)	[C]	\$12C	USA	United States	37° 55' N - 122° 43' W	CM87pv	350	0020, 0420, 0820, 1220, 1620, 2020	XII	EE	active
518.0	VAJ	Digby Island (Prince Rupert MCTS)	[D]	\$12D	CAN	Canada	54° 18' N - 130° 25' W	CO44th	300	0030, 0430, 0830, 1230, 1630, 2030	XII	EE	active
518.0	XLK835	Amphitrite Pt (Prince Rupert MCTS)	[H]	\$12H	CAN	Canada	48° 56' N - 125° 32' W	CN78fw	300	0110, 0510, 0910, 1310, 1710, 2110	XII	EE	active
518.0	NOJ	Kodiak (east of)	[J]	\$12J	ALS	Alaska	57° 46' N - 152° 34' W	BO37rs	200	0130, 0530, 0930, 1330, 1730, 2130	XII	EE	active
518.0	HCY	Ayora	[L]	\$12L	GAL	Galapagos	00° 45' S - 90° 19' W	EI49ug	250-400	0150, 0550, 0950, 1350, 1750, 2150	XII	EE	active
518.0	HCG	Guayaquil	[M]	\$12M	EQA	Ecuador	02° 17' S - 79° 52' W	FI07br		0200, 0600, 1000, 1400, 1800, 2200	XII	EE	active
518.0	NMO	Honolulu, HI	[O]	\$12O	HWA	Hawaii	21° 22' N - 158° 09' W	BL01wi	350	0220, 0620, 1020, 1420, 1820, 2220	XII	EE	active
518.0		Buenaventura	[O]	\$12O	CLM	Colombia	03° 54' N - 77° 03' W	FJ13lv	300	0220, 0620, 1020, 1420, 1820, 2220	XII	EE	active
518.0	NMQ	Long Beach, CA (Cambria)	[Q]	\$12Q	USA	United States	35° 31' N - 121° 03' W	CM95lm	350	0240, 0640, 1040, 1440, 1840, 2240	XII	EE	active
518.0	NMW	Astoria, OR	[W]	\$12W	USA	United States	46° 12' N - 123° 57' W	CN86ae	216	0340, 0740, 1140, 1540, 1940, 2340	XII	EE	active
518.0	NOJ	Kodiak (west of)	[X]	\$12X	ALS	Alaska	57° 46' N - 152° 34' W	BO37rs	200	0350, 0750, 1150, 1550, 1950, 2350	XII	EE	active
518.0	XFK	La Paz			MEX	Mexico	24° 08' N - 110° 17' W	DL44ud	250		XII	EE	planned
518.0	XFM	Manzanilo			MEX	Mexico	19° 05' N - 104° 18' W	DK79ub	250		XII	EE	planned
518.0	XFQ	Salina Cruz			MEX	Mexico	16° 09' N - 095° 12' W	EK26jd	250		XII	EE	planned

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518.0	UIK	Vladivostok	[A]	\$13A	RSE	Russia	43° 23' N - 131° 54' E	PN53wj	280	0000, 0400, 0800, 1200, 1600, 2000	XIII	EE	active
518.0	UFO	Kholmsk	[B]	\$13B	RSE	Russia	47° 02' N - 142° 03' E	QN17aa	300	0010, 0410, 0810, 1210, 1610, 2010	XIII	EE	active

518.0	UBA2	Petropavlovsk	[C]	\$13C	RSE	Russia	53° 15' N - 158° 25' E	QO93eg	280	0020, 0420, 0820, 1220, 1620, 2020	XIII	EE	active
518.0	UIB	Magadan	[D]	\$13D	RSE	Russia	59° 41' N - 150° 09' E	QO59bg	120	0030, 0430, 0830, 1230, 1630, 2030	XIII	EE	active
518.0	UCV2	Okhotsk	[G]	\$13G	RSE	Russia	59° 22' N - 143° 12' E	QO19oi	300	0100, 0500, 0900, 1300, 1700, 2100	XIII	EE	active
+++++													
518.0	CBA	Antofagasta	[A]	\$15A	CHL	Chile	23° 30' S - 70° 25' W	FG46sm	400	0000, 0400, 0800, 1200, 1600, 2000	XV	EE	active
518.0	CBV	Valparaíso (Playa Ancha)	[B]	\$15B	CHL	Chile	33° 05' S - 71° 37' W	FF46ev	300	0010, 0410, 0810, 1210, 1610, 2010	XV	EE	active
518.0	CBT	Talcahuano	[C]	\$15C	CHL	Chile	36° 41' S - 73° 07' W	FF33kh	400	0020, 0420, 0820, 1220, 1620, 2020	XV	EE	active
518.0	CBP	Puerto Montt	[D]	\$15D	CHL	Chile	41° 29' S - 72° 57' W	FE38mm	400	0030, 0430, 0830, 1230, 1630, 2030	XV	EE	active
518.0	CBM	Punta Arenas (Magallenes)	[E]	\$15E	CHL	Chile	53° 10' S - 70° 54' W	FD46nu	400	0040, 0440, 0840, 1240, 1640, 2040	XV	EE	active
518.0	CBY	Isla de Pascua	[F]	\$15F	PAQ	Easter Island	27° 09' S - 109° 25' W	DG52gu	400	0050, 0450, 0850, 1250, 1650, 2050	XV	EE	inactive
+++++													
518.0	OBY2	Paita	[S]	\$16S	PRU	Peru	05° 06' S - 81° 07' W	EI94kv	400	0300, 0700, 1100, 1500, 1900, 2300	XVI	EE/SS	active
518.0	OBC3	Callao	[U]	\$16U	PRU	Peru	12° 04' S - 77° 09' W	FH17kw	400	0320, 0720, 1120, 1520, 1920, 2320	XVI	EE/SS	active
518.0	OBF4	Mollendo	[W]	\$16W	PRU	Peru	17° 00' S - 72° 02' W	FH33xa	400	0340, 0740, 1140, 1540, 1940, 2340	XVI	EE/SS	active
+++++													
518.0	NOJ	Kodiak	[X]	\$17X	ALS	Alaska	57° 46' N - 152° 34' W	BO37rs	200	0340, 0740, 1140, 1540, 1940, 2340	XVII	EE	planned
+++++													
518.0	OYN	Upernavik (Disko Island)	[I]	\$18I	GRL	Greenland	72° 47' N - 56° 12' W	GQ12vs	300	0120, 0520, 0920, 1320, 1720, 2120	XVIII	EE	on trial
+++++													
518.0	LGS	Svalbard Radio (#3)	[A]	\$19A	SVB	Svalbard	78° 02' N - 13° 40' E	JQ68ta	450	0000, 0400, 0800, 1200, 1600, 2000	XIX	EE	active
518.0	LGP	Bodø Radio	[B]	\$19B	NOR	Norway	67° 16' N - 14° 23' E	JP77eg	450	0010, 0410, 0810, 1210, 1610, 2010	XIX	EE	active
518.0	LGV	Vardø Radio (#3)	[C]	\$19C	NOR	Norway	70° 22' N - 31° 06' E	KQ50ni	450	0020, 0420, 0820, 1220, 1620, 2020	XIX	EE	active
+++++													
518.0	UHS	Murmansk	[K]	\$20K	RUS	Russia	68° 46' N - 32° 58' E	KP68ls	300	0140, 0540, 0940, 1340, 1740, 2140	XX	EE	active
518.0	UGE	Arkhangelsk	[L]	\$20L	RUS	Russia	64° 51' N - 40° 17' E	LP04du	300	0150, 0550, 0950, 1350, 1750, 2150	XX	EE	active
518.0		Sabetta	[M]	\$20M	RSE	Russia	71° 17' N - 72° 01' E	MQ61ag	250	0200, 0600, 1000, 1400, 1800, 2200	XX	EE	active
518.0		Mys Sterlegova	[N]	\$20N	RSE	Russia	75° 24' N - 88° 46' E	NQ45jj	300	0210, 0610, 1010, 1410, 1810, 2210	XX	EE	planned
518.0		Ostrova Andreja	[O]	\$20O	RSE	Russia	76° 44' N - 110° 27' E	OQ56fr	300	0220, 0620, 1020, 1420, 1820, 2220	XX	EE	planned
518.0		Ostrov Bol'soj Begiev	[P]	\$20P	RSE	Russia	74° 32' N - 112° 02' E	OQ64am	300	0230, 0630, 1030, 1430, 1830, 2230	XX	EE	planned
518.0	UBB8	Anderma			RSE	Russia	69° 44' N - 61° 41' E	MP09ur	300		XX	EE	planned
+++++													
518.0	UCT2	Beringovskiy	[E]	\$21E	RSE	Russia	63° 03' N - 179° 20' E	RP93qb	250	0040, 0440, 0840, 1240, 1640, 2040	XXI	EE	planned
518.0	UCZ	Provideniya	[F]	\$21F	RSE	Russia	64° 40' N - 173° 10' E	RP64nq	250	0050, 0450, 0850, 1250, 1650, 2050	XXI	EE	planned
518.0	UAL	Tiksi (1 st July to 30 th October)	[Q]	\$21Q	RSE	Russia	71° 38' N - 128° 50' E	PQ41kp	300	0240, 0640, 1040, 1440, 1840, 2240	XXI	EE	active

SECTION FOUR: 4209.5 kHz NAVTEX SERVICE - NATIONAL LANGUAGES:

kHz:	Call:	Station Name:	Slot:	Rxx:	COU:	Country:	Latitude:	Longitude:	LOC:	Range nm:	Transmission Times - All in UTC:	Area:	Lang:	Status:	
4209.5		Abidjan Radio			CTI	Ivory Coast	05° 19' N - 04° 01' W		IJ75xh			II	??	planned	
+++++															
4209.5	TAH	Istanbul	[M]	\$03M	TUR	Turkey	41° 04' N - 28° 57' E		KN41lb	400	0200, 0600, 1000, 1400, 1800, 2200	III	TT	active	
4209.5	SVH	Irakleio	[S]	\$03S	GRC	Greece	35° 19' N - 25° 45' E		KM25vh	280-400	0300, 0700, 1100, 1500, 1900, 2300	III	GK	active	
+++++															
4209.5		Veracruz			MEX	Mexico	19° 09' N - 96° 07' W		EK19wd	250		IV	SS	planned	
4209.5		Cozumel			MEX	Mexico	20° 16' N - 86° 44' W		EL60pg	250		IV	SS	planned	
4209.5		New Orleans	[G]	\$04G	USA	United States				250	0100, 0500, 0900, 1300, 1700, 2100	IV	EE	planned	
+++++															
4209.5	SUZ	Ismailia (al Ismailiyah)	[X]	\$09X	EGY	Egypt	30° 28' N - 32° 22' E		KM60el	400	0750, 1150		IX	EE	active
+++++															
4209.5	XVN	Nha Trang	[C]	\$11C	VTN	Vietnam	12° 15' N - 109° 12' E		OK42og	500	0020, 0420, 0820, 1220, 1620, 2020	XI	EE/VV	active	
4209.5	XSQ	Guangzhou	[G]	\$11G	CHN	China	23° 10' N - 113° 30' E		OL63se	500	0100, 0500, 0900, 1300, 1700, 2100	XI	CC	on trial	
4209.5	XVG	Hai Phong	[M]	\$11M	VTN	Vietnam	20° 50' N - 106° 41' E		OL30it	400	0200, 0600, 1000, 1400, 1800, 2200	XI	EE/VV	active	
4209.5	XSX	Chi-lung (Keelung)	[P]	\$11P	TWN	Taiwan	25° 08' N - 121° 45' E		PL05vd	540	0230, 1030, 1830	XI	EE	unknown	
4209.5		Linyuan	[P]	\$11P	TWN	Taiwan	22° 29' N - 120° 25' E		PL02fl	540	0630, 1430, 2230	XI	EE	unknown	
4209.5	XSG	Shanghai	[Q]	\$11Q	CHN	China	31° 07' N - 121° 32' E		PM01sc	500	0240, 0640, 1014, 1440, 1840, 2240	XI	CC	active	
4209.5		Tianjin	[S]	\$11S	CHN	China	39° 02' N - 117° 27' E		OM89ra	500	0300, 0700, 1100, 1500, 1900, 2300	XI	EE	active	
4209.5	XSX	Chi-lung (Keelung)	[V]	\$11V	TWN	Taiwan	25° 08' N - 121° 45' E		PL05vd	540	0330, 0730, 1130, 1530, 1930, 2330	XI	CC	unknown	
4209.5		Linyuan	[X]	\$11X	TWN	Taiwan	22° 29' N - 120° 25' E		PL02fl	540	0350, 0750, 1150, 1550, 1950, 2350	XI	CC	unknown	
+++++															
4209.5		La Paz			MEX	Mexico	24° 08' N - 110° 17' W		DL44ud	250		XII	SS	planned	
4209.5		Manzanillo			MEX	Mexico	19° 05' N - 104° 18' W		DK79ub	250		XII	SS	planned	
4209.5		Salina Cruz			MEX	Mexico	16° 09' N - 95° 12' W		EK265jd	250		XII	SS	planned	
+++++															
4209.5	LGS	Svalbard (some tests here)	[G]	\$22G	SVB	Svalbard	78° 02' N - 13° 40' E		EQ28ja	450	0100, 0500, 0900, 1300, 1700, 2100	XIX	NO	inactive	

NOTES: Svalbard is now using HF NBDP to cover the Arctic areas, so it is likely that their tests were just 'one-offs' to check the range on 4 MHz. The Mexican, US and Ivory Coast services are shown as 'planned' in most official lists, but as yet I haven't been able to find any time scale for when these new stations are likely to come on air, or even if they ever will do.

SECTION FIVE:

KEY TO ABBREVIATIONS USED:

Language:	ABB:
Arabic	AA
Azerbaijani	AZ
Chinese	CC
Creole	CR
Dutch	DD
English	EE
French	FF
Georgian	GE
German	GG
Greek	GK
Hindi	HIN
Icelandic	IS
Japanese	JJ
Italian	IT
Korean	KO
Norwegian	NO
Persian	PE
Portuguese	PP
Romanian	RO
Russian	RR
Serbo-Croat	SC
Spanish	SS
Turkish	TT
Unknown	??
Urdu	UR
Vietnamese	VV

Abbreviation:	Meaning:
24H	= 24 Hour
bd	= Baud
COU	= NDB List Country Code is used
F1B	= SITOR Mode B
FEC	= Forward Error Correction
HF	= High Frequency
Lang.	= Language
MET	= Meteorological
MSI	= Maritime Safety Information
n/a	= Not Applicable
NBDP	= Narrow Band Direct Printing
Nm	= Nautical Miles
QSL	= QSL – Q Code for Verification of Reception
RTTY	= Radio Teletype
SITOR	= Simplex Teletype Over Radio
SNR	= Signal to Noise Ratio
WWNWS	= World Wide Navigational Warning Service

SECTION SIX: CREDITS & SOURCES:

My thanks to all the following for their much appreciated assistance:

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Admiralty List of Radio Signals, Volume 5

Alan @ hfmonitor.co.uk

Bob Blodge, Isle of Wight

Brian Keyte, G3SIA, England

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Chuck Rippel, USA

David Atkins, Scotland

David Onley, The Netherlands/Australia

Dick Palmer, USA

Dirk Claessens, Belgium

Douglas Pingel, England

Frank Schuettig, Bali

GMDSS Circular

Guido Schotmans, Belgium

Hans-Jürgen Karius, Germany

Henrik Thiel Nielsen, Denmark

Holger Lucas, Germany

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Jarda, OK2STO, Czech Republic

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Lennart Deimert, Sweden

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Patrick Robic, Austria

Peter Conway, England

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Richard Reese

Steve (Steve's Den), England

Steve Whitt, England

Tjaerand S. Bauge, Norway (R.I.P.)

Tobias Taufer (T2), Germany

US Coast Guard Navcen

Vincent Lecler, France

WMO website

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