Marine Weather Broadcasts from the USCG and aviation weather – at the end

USCG Radiofax

USCG HF SITOR (NBDP)

USCG HF Voice

National Weather Service Marine Products via U.S. Coast Guard HF Voice

Also see Commercial Maritime Coast Stations and Weather Nets

The U.S. Coast Guard broadcasts National Weather Service high seas forecasts and storm warnings from six high seas communication stations. These broadcasts are prepared cooperatively by the Ocean Prediction Center , National Hurricane Center, Honolulu Forecast Office. Offshore and coastal forecasts are available in areas such as Alaska. See table below for station locations and schedules. Transmission range is dependent upon operating frequency, time of day and atmospheric conditions and can vary from only short distances to several thousand miles. Best reception can be achieved by proper selection of frequency and an adequate antenna system.

U.S. Coast Guard HF voice broadcasts are performed in the upper sideband mode using a synthesized voice known as "Iron Mike." This voice is very distinctive and serves as in aid in identifying and copying these weather broadcasts. Click here to listen to a typical USCG HF voice broadcast by "Iron Mike".

Visit the U.S. Coast Guard Maritime Telecommunications Information webpage for further information on U.S. Coast Guard telecommunications.

A Listing of NWS Marine Products Broadcast via U.S. Coast Guard HF Voice is available.

For a complete listing of NWS marine text products (with links) visit the Marine Text Forecasts And Products Listing webpage.

Refer to NGA Publication 117, which is updated through the Notice to Mariners, for the latest official listing of U.S. Coast Guard broadcast schedules. The British Admiralty List of Radio Signals , is an excellent reference source for weather broadcast information.

All NWS marine forecasts rely heavily on the Voluntary Observing Ship (VOS) program for obtaining meteorological observations.

National Weather Service Products Recommended for Broadcast by the US Coast Guard

Chesapeake (NMN) HF Voice Broadcast Schedule						
4426, 6501, 8764 kHz (USB)	0330Z[1]	0515Z[2]	0930Z[1]			
6501, 8764, 13089 kHz (USB)			1115Z[2]	1530Z[1]	2130Z[1]	2315Z[2]
8764, 13089, 17314 kHz (USB)				1715Z[2]		

[1] Offshore Forecasts, hurricane information

[2] High seas Forecast, hurricane information

Broadcast of hurricane and other weather broadcasts from this station may on occasion be preempted, as the frequencies are shared with other USCG stations.

New Orleans (NMG) HF Voice Broadcast Schedule								
4316, 8502, 12788 kHz (USB)	0330Z[1]	0515Z[2]	0930Z[1]	1115Z[2]	1530Z[1]	1715Z[2]	2130Z[1]	2315Z[2]

[1] Offshore Forecasts, hurricane information

[2] Highseas Forecast, hurricane information

Broadcast of hurricane and other weather broadcasts from this station may on occasion be preempted, as the transmitters are shared with the radiofax broadcast.

Pt. Reyes (NMC) HF Voice Broadcast Schedule				
4426, 8764, 13089 kHz (USB)	0430Z	1030Z		
8764, 13089, 17314 kHz (USB)			1630Z	2230Z
Broadcast of hurricane and other weather broadcasts from this station may on occasion be preempted, as the frequencies are shared with other USCG stations, and the transmitters are shared with the radiofax broadcast.				

Kodiak (NOJ) HF Voice Broadcast Schedule		
6501 kHz (USB)	0203Z	1645Z

Honolulu (NMO) HF Voice Broadcast Schedule				
6501, 8764 kHz (USB)		0600Z	1200Z	
8764, 13089 kHz (USB)	0005Z			1800Z

Guam (NRV) HF Voice Broadcast Schedule				
6501 kHz (USB)		0930Z	1530Z	
13089 kHz (USB)	0330Z			2130Z

HF voice broadcasts may be terminated if longer than the available broadcast period. This will most likely occur during the hurricane season when supplementary advisories are broadcast in addition to the routine forecasts.

Carrier frequencies shown. HF voice broadcasts use a synthesized voice "Iron Mike".

ITU channel numbers as follows:
4426(#424), 6501(#601), 8764(#816), 13089(#1205), 17314(#1625)

Note that stations share common frequencies.

National Weather Service Products Recommended for Broadcast by the US Coast Guard

Link to weather and the mariner page: https://www.offshoreblue.com/wx/wx-radio.php

WORLDWIDE

Volmet Broadcasts

HF Aeronautical Stations

Station List Compiled by William Hepburn

2023-01-13

ENROUTE AVIATION WEATHER BROADCASTS

VOLMET METEOROLOGICAL INFORMATION FOR AIRCRAFT IN FLIGHT

Class : Aeronautical Broadcast (Scheduled). Mode : 3 kHz USB Voice. Band : SW (SHOR

Content : Oceanic or remote area TAFOR (terminal forecasts), METAR (aviation weather re

Click here for details of each station's broadcast contents.

H + = minutes past the hour. Cont = Continuous.

INTERNATIONAL

NATIONAL

AERONAUTICAL FIXED BROADCAST

Note : Aero Fixed broadcasts are not intended for aircraft, but for other fixed land stations.

2850 - 23350 kHz (2.85 - 23.35 MHz).

All broadcasts are in English (EE) unless otherwise noted by an entry in the Lang column :

FF = French

FF/EE = French & English

PP = Portuguese

RR = Russian

RR/EE = Russian & English

SS = Spanish

Frequency	Bc	H +	Call Sign	Geo	Station	Lang	Latitude	Longitude
3 MHz								

2.863	10 , 40	JIA	JPN	TOKYO		35 44 00	139 51 00
	15 , 45	VRK	HKG	HONG KONG		22 12 54	114 14 58
	25 , 55	KVM-70	HWA	HONOLULU		21 19 23	-157 59 36
2.869	00 , 30	UBB-2	RUS	SIVKAR	RR	61 38 17	50 31 49
	10 , 40	UNNN	SEO	NOVOSIBIRSK	RR	55 00 16	82 33 44
	15 , 45	RQCI	RUS	SAMARA	RR	53 11 00	49 46 00
2.881	01 , 15	LWB	ARG	EZEIZA	SS	-34 49 59	-58 31 55
2.899	XX , 30	LWL	ARG	COMODORO RIVADAVIA	SS	-45 47 29	-67 28 46
2.941	25 , 55	RLAP	RUS	ROSTOV	RR	47 15 12	39 49 02
2.956	15 , 45	EPD	IRN	TEHRAN		35 41 00	51 16 00
	20 , 50	EQP	IRN	SHIRAZ		29 32 00	52 35 00
	25 , 55	TCB	TUR	ISTANBUL		40 58 00	28 50 00
2.965	05 , 35	AWC	IND	KOLKATA		22 38 00	88 27 00
	10 , 40	HSD	THA	BANGKOK		13 44 00	100 30 00
	15 , 45	ARA	PAK	KARACHI		25 54 00	67 09 00
	25 , 55	AWB	IND	MUMBAI		19 05 15	72 51 09
2.971	20 , 50	LVR	ARG	RESISTENCIA	SS	-27 27 51	-59 04 14

3.5 MHz

3.413	Cont	EIP	IRL	SHANNON		52 44 40	-8 55 37
3.434	25 , 45	LVE	ARG	CORDOBA	SS	-31 18 33	-64 13 34
3.450	Cont	---	SEO	KHANTY-MANSIYSK	RR/EE	61 00 00	69 00 00
3.458	00 , 30	3UW-33	CHN	GUANGZHOU		23 11 00	113 16 00
	15 , 45	BSQ	CHN	BEIJING		40 03 00	116 32 00
3.485	00 , 30	WSY-70	USA	NEW YORK		39 45 03	-74 23 27
	20 , 50	VFG	CAN	GANDER		48 58 05	-54 40 26

4.7 MHz

4.657	XX , 30	LWL	ARG	COMODORO RIVADAVIA	SS	-45 47 29	-67 28 46
4.663	10 , 40	RDFG	UZB	TASHKENT		41 17 00	69 10 00
	20 , 50	RFFQ	UKR	KIEV		50 27 00	30 13 00
	25 , 55	RFNV	RUS	MOSCOW		55 45 00	37 18 00
4.675	20 , 50	LVR	ARG	RESISTENCIA	SS	-27 27 51	-59 04 14
4.742	XX , 35	MTS	FLK	VIPER		-51 50 14	-58 28 14
	15 ,	GFW	CYP	CYPRUS		34 34 35	32 57 42

5.6 MHz

5.450	Cont	MKL	GBR	MILITARY ONE		50 28 58	-5 00 00

5.475	25 , 45	LVE	ARG	CORDOBA	SS	-31 18 33	-64 13 34
5.499	25 , 50	5ST-92	MDG	ANTANANARIVO		-18 49 00	47 28 00
5.505	Cont	EIP	IRL	SHANNON		52 44 40	-8 55 37
5.589	15 , 45	EPD	IRN	TEHRAN		35 41 00	51 16 00
	20 , 50	EQP	IRN	SHIRAZ		29 32 00	52 35 00
	25 , 55	TCB	TUR	ISTANBUL		40 58 00	28 50 00
5.601	01 , 15	LWB	ARG	EZEIZA	SS	-34 49 59	-58 31 55
5.650	Cont	---	SEO	KHANTY-MANSIYSK	RR/EE	61 00 00	69 00 00
5.673	00 , 30	3UW-33	CHN	GUANGZHOU		23 11 00	113 16 00
	15 , 45	BSQ	CHN	BEIJING		40 03 00	116 32 00

6.6 MHz

6.604	00 , 30	WSY-70	USA	NEW YORK		39 45 03	-74 23 27
	20 , 50	VFG	CAN	GANDER		48 58 05	-54 40 26
6.617	XX , 35	UHD	RUS	PETERBURG	RR	59 46 50	30 14 54
	25 , 55	RLAP	RUS	ROSTOV	RR	47 15 12	39 49 02
6.676	00 , 30	VKA-930	AUS	AUSTRALIAN		-23 47 48	133 52 28
	05 , 35	AWC	IND	KOLKATA		22 38 00	88 27 00
	10 , 40	HSD	THA	BANGKOK		13 44 00	100 30 00
	15 , 45	ARA	PAK	KARACHI		25 54 00	67 09 00
	20 , 50	9VA-40	SNG	SINGAPORE		1 20 11	103 41 10
	25 , 55	AWB	IND	MUMBAI		19 05 15	72 51 09
6.679	10 , 40	JIA	JPN	TOKYO		35 44 00	139 51 00
	15 , 45	VRK	HKG	HONG KONG		22 12 54	114 14 58
	20 , 50	ZKAK	NZL	AUCKLAND		-37 01 00	174 48 42
	25 , 55	KVM-70	HWA	HONOLULU		21 19 23	-157 59 36
6.693	10 , 40	UNNN	SEO	NOVOSIBIRSK	RR	55 00 16	82 33 44
	15 , 45	RQCI	RUS	SAMARA	RR	53 11 00	49 46 00
6.754	10 ,	CHR	CAN	TRENTON		44 01 56	-77 33 02
6.884	?	D2U-21	AGL	LUANDA	PP	-8 47 00	13 15 00

9 MHz

8.070	15 ,	CPB-22	BOL	LA PAZ	SS	-16 30 00	-68 08 00
8.825	XX , 30	LWL	ARG	COMODORO RIVADAVIA	SS	-45 47 29	-67 28 46
8.828	10 , 40	JIA	JPN	TOKYO		35 44 00	139 51 00
	15 , 45	VRK	HKG	HONG KONG		22 12 54	114 14 58
	20 , 50	ZKAK	NZL	AUCKLAND		-37 01 00	174 48 42
	25 , 55	KVM-70	HWA	HONOLULU		21 19 23	-157 59 36
8.849	00 , 30	3UW-33	CHN	GUANGZHOU		23 11 00	113 16 00

	15 , 45	BSQ	CHN	BEIJING		40 03 00	116 32 00
8.888	00 , 30	UBB-2	RUS	SIVKAR	RR	61 38 17	50 31 49
	10 , 40	UNNN	SEO	NOVOSIBIRSK	RR	55 00 16	82 33 44
	15 , 45	RQCI	RUS	SAMARA	RR	53 11 00	49 46 00
8.900	20 , 50	LVR	ARG	RESISTENCIA	SS	-27 27 51	-59 04 14
8.906	25 , 45	LVE	ARG	CORDOBA	SS	-31 18 33	-64 13 34
8.939	XX , 35	UTD	RUS	PETERBURG	RR	59 48 00	30 16 00
	25 , 55	RLAP	RUS	ROSTOV	RR	47 15 12	39 49 02
8.945	15 , 45	EPD	IRN	TEHRAN		35 41 00	51 16 00
	20 , 50	EQP	IRN	SHIRAZ		29 32 00	52 35 00
	25 , 55	TCB	TUR	ISTANBUL		40 58 00	28 50 00
8.957	Cont	EIP	IRL	SHANNON		52 44 40	-8 55 37

10 MHz

10.051	00 , 30	WSY-70	USA	NEW YORK		39 45 03	-74 23 27
	20 , 50	VFG	CAN	GANDER		48 58 05	-54 40 26
10.057	15 , 40	TNL	COG	BRAZZAVILLE	FF/EE	-4 13 59	15 15 42
	25 , 50	5ST-93	MDG	ANTANANARIVO		-18 49 00	47 28 00
10.090	10 , 40	RDFG	UZB	TASHKENT		41 17 00	69 10 00
	20 , 50	RFFQ	UKR	KIEV		50 27 00	30 13 00
	25 , 55	RFNV	RUS	MOSCOW		55 45 00	37 18 00

11.3 MHz

11.247	XX , 35	MTS	FLK	VIPER		-51 50 14	-58 28 14
11.253	Cont	MKL	GBR	MILITARY ONE		50 28 58	-5 00 00
11.297	25 , 55	RLAP	RUS	ROSTOV	RR	47 15 12	39 49 02
11.318	00 , 30	UBB-2	RUS	SIVKAR	RR	61 38 17	50 31 49
	10 , 40	UNNN	SEO	NOVOSIBIRSK	RR	55 00 16	82 33 44
	15 , 45	RQCI	RUS	SAMARA	RR	53 11 00	49 46 00
11.369	01 , 15	LWB	ARG	EZEIZA	SS	-34 49 59	-58 31 55
11.387	00 , 30	VKA-931	AUS	AUSTRALIAN		-23 47 47	133 52 28
	05 , 35	AWC	IND	KOLKATA		22 38 00	88 27 00
	10 , 40	HSD	THA	BANGKOK		13 44 00	100 30 00
	15 , 45	ARA	PAK	KARACHI		25 54 00	67 09 00
	20 , 50	9VA-43	SNG	SINGAPORE		1 20 11	103 41 10
	25 , 55	AWB	IND	MUMBAI		19 05 15	72 51 09

13.3 MHz

13.264	Cont	EIP	IRL	SHANNON		52 44 40	-8 55 37
13.270	00 , 30	WSY-70	USA	NEW YORK		39 45 03	-74 23 27

	20 , 50	VFG	CAN	GANDER	48 58 05	-54 40 26
13.279	10 , 40	RDFG	UZB	TASHKENT	41 17 00	69 10 00
	20 , 50	RFFQ	UKR	KIEV	50 27 00	30 13 00
	25 , 55	RFNV	RUS	MOSCOW	55 45 00	37 18 00
13.282	10 , 40	JIA	JPN	TOKYO	35 44 00	139 51 00
	15 , 45	VRK	HKG	HONG KONG	22 12 54	114 14 58
	20 , 50	ZKAK	NZL	AUCKLAND	-37 01 00	174 48 42
	25 , 55	KVM-70	HWA	HONOLULU	21 19 23	-157 59 36
13.285	00 , 30	3UW-33	CHN	GUANGZHOU	23 11 00	113 16 00
	15 , 45	BSQ	CHN	BEIJING	40 03 00	116 32 00

15 MHz

15.034	10 ,	CHR	CAN	TRENTON	44 01 56	-77 33 02

18 MHz

NONE

Enroute Flight Advisory Service

This service may be used to access enroute information as requested. This service is sometimes called Flight Watch. EFAS provides weather advisories that are specific to the flight, route and cruising altitude. EFAS is probably one of the best services for weather information as it’s current and reliable.

A pilot may contact an EFAS specialist from 6 a.m. to 10 p.m. and the common EFAS frequency, 122.0 MHz, is accessible by aircraft flying between 5,000 feet and 17,500 feet.