

SHUTTLE.TXT

SHUTTLE MISSION FREQUENCIES

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This is a list of frequencies that are used during a shuttle mission, I have found them from all sorts of various materials, including monitoring times, popular communication and jim thompson.

NASA SHUTTLE AIR-TO GROUND

3.850 mhz	Johnson Space Flight Center
3.860 mhz	Goddard Space Flight Center
7.185 mhz	Goddard Space Flight Center
14.280 mhz	Johnson SFC
14.295 mhz	Goddard SFC
21.370 mhz	Johnson SFC
21.395 mhz	Goddard SFC
28.600 mhz	Johnson SFC
28.645 mhz	Goddard SFC

USAF/NASA FREQUENCIES

4.510 MHZ	9.974 MHZ
4.760 MHZ	10.780 MHZ
4.855 MHZ	11.104 MHZ
4.992 MHZ	11.414 MHZ
5.350 MHZ	11.548 MHZ
5.810 MHZ	14.615 MHZ
6.727 MHZ	19.303 MHZ
6.740 MHZ	19.984 MHZ
8.993 MHZ	20.191 MHZ
9.315 MHZ	20.475 MHZ

HF USED AT KENNEDY SPACE CENTER

search/rescue

2.182 mhz 3.023 mhz 5.68 mhz 8.346 mhz 10.003 mhz 14.993 mhz 19.993 mhz

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VHF Sarsat 121.50 marine distress 156.0 military air distress 243.0

Kennedy operations

7.675 mhz 7.765 mhz 10.78 mhz 13.213 mhz 20.390 mhz

Ships

2.625 mhz 5.190 mhz 5.696 mhz 5.810 mhz 9.125 mhz 11.407 mhz

Aircraft

6.693 mhz 6.896 mhz 6.983 mhz 7.461 mhz 8.891 mhz 9.043 mhz 9.131 mhz
10.78 mhz 11.205 mhz 13.170 mhz 15.015 mhz 18.20 mhz

VHF FREQUENCIES AT KENNEDY

Operations

117.80 mhz 121.90 mhz 126.40 mhz 148.40 mhz 162.60 mhz 170.10 mhz 284.0

Aircraft

164.80 mhz

Ships

148.50 mhz 149.10 mhz 162.0 mhz

Shuttle

296.0 mhz primary 259.70 mhz secondary 296.8 mhz eva spacesuits 279.0 mhz

S band microwave in mhz

Shuttle to ground 2205.0 2217.5 2250.0 2287.5 mhz
Ground to Shuttle 2041.9 2201.4

Jim thompson had these up on hamnet

Nasa Aeronautical Frequencies vhf/uhf in mhz

KENNEDY SC	PATRICK AFB	EDWARDS AFB
117.8	118.4	116.4
121.7	121.7	120.7
126.2	125.1	121.8
126.3	126.2	126.1
284.0	128.7	127.8

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138.3	236.6
138.45	269.9
149.925	290.3
162.6120	318.1
273.5	390.1
335.8	
340.9	
348.4	
358.3	

Kennedy space center ground support VHF in mhz

148.480	163.510	170.350
149.170	163.560	171.150
162.610	165.190	171.260
163.460	170.150	173.560
163.480	170.170	173.680

NASA MALABAR (PALM BAY) HF NETWORKS IN KHZ

2405	DATA BUOYS	2622	SRB RECOVERY PRIMARY
2664	BACKUP MISSION AUDIO-CAPE/HOU	2678	ETR RANGE CONTROL
2716	NAVY HARBOR CNTL-PORT CANAV.	2764	SRB RECOVERY CHANNEL
3024	COAST GUARD SAR-PRIMARY	3187	SRB RECOVERY SHIPS CHANNEL
4376	PRIMARY RECOVERY ZONE SAR	4510	SRB RECOVERY SHIPS CHANNEL
4856	CAPE RADIO/LEADER	4992	CAPE RADIO/COAST GUARD SHIPS
5180	NASA TRACKING SHIPS	5187	NASA TRACKING SHIPS
5190	ETR PRIMARY NIGHT CHANNEL	5350	LAUNCH SUPPORT AIRCRAFT
5680	LAUNCH SUPPORT SHIPS	5810	ETR SECONDARY NIGHT CHANNEL
6720	SAR PRIMARY ATLANTIC	6896	CAPE RADIO
6837	CAPE RADIO	7412	SAR COMMS WITH BAHAMMAS
7461	CAPE RADIO/LAUNCH SUPPORT A/C	7525	NASA GROUND TRACKING NET
7676	LAUNCH SUPPORT AIRCRAFT	7765	SRB RECOVERY SHIPS
7919	DATA CHANNEL	7985	DATA CHANNEL
9022	LAUNCH SUPPORT AIRCRAFT	9043	LAUNCH SUPPORT AIRCRAFT
9132	LAUNCH SUPPORT AIRCRAFT	10305	SPACE MISSILE TACTICAL NET
10310	MALABAR TO ASCENSION IS-MUX	10780	ETR PRIMARY DAY CHANNEL
11104	LAUNCH SUPPORT SHIPS	11252	LAUNCH SUPPORT SHIPS
11407	SRB RECOVERY SHIPS	11414	CAPE RADIO
11548	CAPE RADIO	11621	SRB RECOVERY SHIPS
13227	LAUNCH SUPPORT AIRCRAFT	13237	DATA CHANNEL
13495	DATA CHANNEL	13600	MALABAR TO ASCENSION IS-MUX
13878	LAUNCH SUPPORT AIRCRAFT	14937	ASCENSION IS TO MALABAR-MUX
18009	LAUNCH SUPPORT SHIPS	19303	LAUNCH SUPPORT SHIPS

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19640	CAPE RADIO	19966	ASCENSION IS TO MALABAR-MUX
20186	LAUNCH TRACKING NET	20192	MALABAR TO ASCENSION IS MUX
20198	OCC SHUTTLE MISSION AUDIO	20390	ETR-SECONDARY DAY CHANNEL
22755	ASCENSION IS TO MALABAR-MUX	23413	CAPE RADIO
27065	NASA CB RADIOS		

By the way dont forget that nasa has transponders on f2 satellites on the clarke belt. For a more detailed list of information refer to monitoring times sept.88 issue. Or leave e-mail to me, and i'll look it up.

This file was brought to you by The Hotline BBS, we have an entire section on Scanner & Radio related topics, check out our Scanner SIG...

We also have a special SIG for UFO's, I have many files concerning this topic give us a call at The Hotline...

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