

CIVIL DEFENSE NATIONAL RADIO SYSTEM HF NETS

2.3210 FOXTROT 06 (SIMPLEX)
2.3610 FOXTROT 07 (SIMPLEX)
2.3750 FOXTROT 08 (SIMPLEX)
2.4460 FOXTROT 09 (SIMPLEX)
2.6590 FOXTROT 10 (SIMPLEX)
3.3420 FOXTROT 11 (SIMPLEX)
3.3800 FOXTROT 12 (SIMPLEX)
3.3890 FOXTROT 13 (SIMPLEX)
4.7810 FOXTROT 14 (SIMPLEX)
5.2120 FOXTROT 15 (SIMPLEX) (NIGHT EMERGENCY)
5.4030 FOXTROT 16 (SIMPLEX)
5.8220 FOXTROT 17 (SIMPLEX)
5.9620 FOXTROT 18 (SIMPLEX)
6.0500 FOXTROT 19 (SIMPLEX)
6.1070 FOXTROT 20 (SIMPLEX)
6.1090 FOXTROT 21 (SIMPLEX)
6.1520 FOXTROT 22 (SIMPLEX)
6.1770 FOXTROT 23 (SIMPLEX)
6.1800 FOXTROT 24 (SIMPLEX)
7.3490 FOXTROT 25 (SIMPLEX) (FIXED STATIONS)
9.4630 FOXTROT 26 (SIMPLEX)
10.1950 FOXTROT 27 (SIMPLEX)
10.4940 FOXTROT 28 (SIMPLEX) (DAY EMERGENCY)
10.5890 FOXTROT 29 (SIMPLEX)
11.7220 FOXTROT 30 (SIMPLEX)
11.8020 FOXTROT 31 (SIMPLEX)
11.9580 FOXTROT 32 (SIMPLEX)
12.0100 FOXTROT 33 (SIMPLEX)
12.2170 FOXTROT 34 (SIMPLEX)
14.4510 FOXTROT 35 (SIMPLEX) (FIXED STATIONS)
14.7770 FOXTROT 36 (SIMPLEX)
14.8370 FOXTROT 37 (SIMPLEX) (FIXED STATIONS)
14.8860 FOXTROT 38 (SIMPLEX)
14.9000 FOXTROT 39 (SIMPLEX)
14.9090 FOXTROT 40 (SIMPLEX)
16.2020 FOXTROT 41 (SIMPLEX)
16.4310 FOXTROT 42 (SIMPLEX)
17.5200 FOXTROT 43 (SIMPLEX)
17.6500 FOXTROT 44 (SIMPLEX) (EMERGENCY)
18.7450 FOXTROT 45 (SIMPLEX)
19.7580 FOXTROT 46 (SIMPLEX)
19.9700 FOXTROT 47 (SIMPLEX)
20.0280 FOXTROT 48 (SIMPLEX)

CIVIL DEFENSE NATIONAL RADIO SYSTEM VHF NETS

164.8625 NATIONAL ASSIGNMENT (SIMPLEX)
165.6625 NATIONAL ASSIGNMENT (SIMPLEX)

NATIONAL EMERGENCY TRAINING CENTER

163.1000 NATIONAL ASSIGNMENT (SIMPLEX)
166.2250 NATIONAL ASSIGNMENT (SIMPLEX)

168.3500 NATIONAL ASSIGNMENT (SIMPLEX)
169.6000 NATIONAL ASSIGNMENT (SIMPLEX)

FEDERAL EMERGENCY NET - PORTABLE REPEATERS

142.3750 CONTROL/MOBILE (REPEATER INPUT)
143.0000 REPEATER/MOBILE RELAY (REPEATER OUT)
142.2300 CONTROL/MOBILE (REPEATER INPUT)
142.9750 REPEATER/MOBILE RELAY (REPEATER OUT)
142.4250 CONTROL/MOBILE (REPEATER INPUT)
143.0000 REPEATER/MOBILE RELAY (REPEATER OUT)
142.9750 CONTROL/MOBILE (REPEATER INPUT)
143.0000 REPEATER/MOBILE RELAY (REPEATER OUT)
142.3500 CONTROL/MOBILE (REPEATER INPUT)
143.0000 REPEATER/MOBILE RELAY (REPEATER OUT)
166.6125 CONTROL/MOBILE (REPEATER INPUT)
168.4000 REPEATER/MOBILE RELAY (REPEATER OUT)
170.4250 CONTROL/MOBILE (REPEATER INPUT)
168.0750 REPEATER/MOBILE RELAY (REPEATER OUT)
170.4500 CONTROL/MOBILE (REPEATER INPUT)
168.1000 REPEATER/MOBILE RELAY (REPEATER OUT)
170.9750 CONTROL/MOBILE (REPEATER INPUT)
168.7000 REPEATER/MOBILE RELAY (REPEATER OUT)

NATIONAL EMERGENCY WARNING SYSTEM

173.1875 REGIONAL EOC NET 1 CONTROL/MOBILE (REPEATER INPUT)
167.9750 REGIONAL EOC NET 1 REPEATER/MOBILE RELAY (REPEATER OUT)
167.9750 REGIONAL EOC NET 2 (SIMPLEX)
169.8750 REGIONAL EOC NET 3 (SIMPLEX)
167.9250 REGIONAL EOC NET 4 (SIMPLEX)

COORDINATION

266.0500 FEMA/USAF COORDINATION
273.8000 FEMA/USAF COORDINATION
399.7500 FEMA/USAF COORDINATION
305.5500 FEMA/USAF COORDINATION
322.7500 FEMA/USAF COORDINATION
336.8000 FEMA/USAF COORDINATION
382.3500 FEMA/USAF COORDINATION
397.0500 FEMA/USAF COORDINATION

VHF CHANNELS REPORTED IN USE BY FEMA

27.6500 VHF (LOW)
27.8500 VHF (LOW)
27.9000 VHF (LOW)
138.2250 VHF
138.5750 VHF
139.1000 VHF
139.8250 VHF
139.4500 VHF
139.2250 VHF
139.9500 VHF
140.0250 VHF

140.9000 VHF
141.7250 VHF
141.8750 VHF
141.9500 VHF
142.0250 VHF
142.2300 VHF
142.3500 VHF
142.3750 VHF
142.4000 VHF
142.4250 VHF
142.9250 VHF
142.9500 VHF
142.9750 VHF
143.0000 VHF
143.0500 VHF
143.2500 VHF
143.6000 VHF
143.6250 VHF
163.1000 VHF
164.8625 VHF
165.6625 VHF
166.2250 VHF
167.9250 VHF
167.9750 VHF
168.3500 VHF
169.2500 VHF
169.6000 VHF
169.8750 VHF
170.2000 VHF
173.1875 VHF
409.1250 VHF

OPERATION SECURE NATIONWIDE HF NETS

2.3260 SIMPLEX
2.4110 SIMPLEX
2.4140 SIMPLEX
2.4190 SIMPLEX
2.4220 SIMPLEX
2.4390 SIMPLEX
2.4630 SIMPLEX
2.4660 SIMPLEX
2.4710 SIMPLEX
2.4740 SIMPLEX
2.4870 SIMPLEX
2.5110 SIMPLEX
2.5350 SIMPLEX
2.5690 SIMPLEX
2.5870 SIMPLEX
2.8010 SIMPLEX
2.8040 SIMPLEX
2.8120 SIMPLEX
5.1350 SIMPLEX
5.1400 SIMPLEX
5.1920 SIMPLEX

**5.1950 SIMPLEX
7.4770 SIMPLEX
7.4800 SIMPLEX
7.8020 SIMPLEX
7.8050 SIMPLEX
7.9320 SIMPLEX
7.9350 SIMPLEX**

Found on the net regarding FEMA communications Mobile capabilities...

**From: Jan.A.Tarsala
To: jplarc
Subject: FEMA Comm Van
Date: Friday, July 15, 1994 11:40AM
Priority: High**

Captain John Pinedo of the Pasadena Fire Department graciously led a presentation and tour yesterday evening of the non-military communications facilities brought in to the Rosemont Pavillion for the World Cup. These included the State of California Office of Emergency Services Ku-band VSAT trailer-mounted telephone terminal and the Federal Emergency Management Agency Multi Radio Vehicle. The Multi Radio Vehicle was particularly interesting as it contains:

Redundant 25 KVA diesel alternators

An environmental control system good for -25 C to +60 C

Three Harris RF 350K 500 W auto-tune 1.6 MHz to 29.999 MHz transceivers

A Motorola MCX-1000 VHF repeater with PL, DPL (digital PL), DES (Data Encryption Standard), and DVP (Digital Voice Protection)

A Motorola SPECTRA UHF repeater with PL, DPL, DES, and DVP

A Motorola SPECTRA 800 MHz/900 MHz repeater with PL, DPL, DES, and DVP capable of both conventional and trunked operation

Four Magnavox VRC-83 HF/VHF/UHF multi-mode military aircraft radios

A Magnavox URC-110 FLTSATCOM UHF terminal

Bandpass filters for all the above

A Ku-band video uplink currently on SBS 6 translator three Antennas, some field-erectable, for all the above

And about a zillion Motorola SABER 138 MHz band VHF handheld radios

The purpose of the Multi Radio Vehicle is to implement up to six bent-pipe repeaters simultaneously to allow government agencies with otherwise incompatible radios and frequencies to communicate in an absolutely transparent manner.

The FEMA representatives indicated that their greatest weakness was in not having MODAT (Motorla VHF/UHF mobile data terminal), packet, and HF SITOR (the commercial version of AMTOR) capability. All I saw inside was a Baudot RTTY

terminal for data communications.

While inside, I noted the following frequencies in use:

138.400 MHz carrier access RX & TX

138.575 MHz PL 118.8 Hz RX & TX

139.825 MHz carrier access RX & 148.575 MHz TX

139.950 MHz PL 118.8 MHz RX & TX

155.340 MHz carrier access RX & TX

the Ku-band video uplink and, of all things, 225.000 MHz AM.

This tractor-trailer truck is one of five dispersed nationwide. It has an 800 mile driving range before refueling, and it is and has been transported by C-5A Galaxy military cargo planes (it is too large for a C-141 Starlifter or a C-130 Hercules).

Your tax money is at work.

73,

de VRN

FEDERAL EMERGENCY MANAGEMENT AGENCY:

Foxtrot 06 2321.0 Regions 8, 9 & 10

Foxtrot 07 2361.0 Regions 6, 8, 9 & DOE

Foxtrot 08 2375.0 Region 4 & NRC

Foxtrot 09 2446.0 Regions 1, 3, 5, 9, 10, DOE & NRC

Foxtrot 10 2659.0 Regions 3, 4, 7, 8, 10, DOE & NRC

Foxtrot 11 3342.0 Regions 4, 5, 6, 7, 8 & NRC

Foxtrot 12 3380.0 Regions 5, 6, 8, 9, 10, DOE & NRC

Foxtrot 13 3390.0 Regions 5, 6, 7, 8, DOE & NRC

4603.0 Region 4 & DOE

Foxtrot 14 4781.0(4) Regions 5, 8, 9, 10 & NRC

5132.0

5137.0

5192.0

Foxtrot 15 5212.0(1) Night Pri., All Regions, DOE & NRC

5378.0 Region 4 & DOE

Foxtrot 16 5403.0 Regions 9 & 10

Foxtrot 17 5822.0 Regions 1 & 2

Foxtrot 18 5962.0 Regions 1 thru 6, 8 thru 10, DOE & NRC

Foxtrot 19 6050.0 Regions 3, 5, 8, 10, & NRC

Foxtrot 20 6107.0 Regions 3, 4, 6, 7, 8, 10 & NRC

Foxtrot 21 6109.0 All Regions, KAL22 & WAR42

Foxtrot 22 6152.0 Regions 3 thru 10 & NRC

Foxtrot 23 6177.0 Regions 6, 8, 10 & NRC

Foxtrot 24 6180.0

6809.0 Regions 9 & 10

Foxtrot 25 7349.0(2) Regions 1, 4, 5, 6, 8, 9, 10, DOE & NRC

7357.0

7428.0 Region 4 & DOE

7533.5

7799.0

7802.0

7930.5

7929.0

8101.0

8177.0

Foxtrot 26 9463.0 Regions 9 & 10
Foxtrot 27 10195.0
Foxtrot 28 10494.0(1) Day Pri., All Regions, DOE & NRC
Foxtrot 29 10589.0 Regions 8, 9 & 10
10793.0 Region 9
11000.0
11118.0
11407.0
Foxtrot 30 11722.0 Regions 1, 4, 6, 8 & NRC
Foxtrot 31 11802.0 Regions 3, 6, 8, 9, 10, DOE & NRC
Foxtrot 32 11958.0(2) Regions 5, 7, 8, 9 & NRC
Foxtrot 33 12010.0 Regions 9 & 10
Foxtrot 49 12129.0
Foxtrot 34 12217.0(2) Regions 5, 6, 8, 9, 10 & NRC
13211.0
13247.0
Foxtrot 35 14451.0 All Regions & NRC
Foxtrot 36 14777.0 All Regions & NRC
Foxtrot 37 14837.0 All Regions & NRC
Foxtrot 38 14886.0 All Regions & NRC
Foxtrot 39 14900.0 All Regions & NRC
Foxtrot 40 14909.0 All Regions & NRC
Foxtrot 41 16202.0 Regions 9 & 10
Foxtrot 42 16431.0 Regions 9 & 10
Foxtrot 43 17520.0 Regions 9 & 10
Foxtrot 44 17650.0(3) Regions 5, 8, 9, 10 & NRC
Foxtrot 45 18745.0 Regions 9 & 10
Foxtrot 46 19758.0 Regions 9 & 10
Foxtrot 47 19970.0 Regions 9 & 10
Foxtrot 48 20028.0 All Regions & NRC
Foxtrot 50 20063.0
20405.5 WGY903 & WGY983
21866.0
Foxtrot 61 21919.0 WGY908 & WGY912
23533.5
25423.5
27850.0 WGY903 & WGY983

NOTES: (1) Calling/Guard frequency, Primary
(2) Point-to-Point primary frequencies.
(3) Calling/Guard frequency, Secondary
(4) RTTY is 85 baud/75Hz.N.

Region Callsign Location

WGY900 Operations, Warning & Support Division,
FEMA Headquarters, 500 C St.,N.W., Washington, DC
AV: 851-3311

01 J.W. McCormick Post Office & Court House, 4th. Floor,
Boston, MA 20109
COMSTA: WGY901 MAYNARD, MA. AV: 881-1670, 893-1780, 881-1190
WGY921 Concord, NH.
WGY931 Montpelier, VT.
WGY941 Augusta, ME.

WGY951 Hartford, CT.
WGY961 Farmington, MA.
WGY971 Providence, RI.

02 26 Federal Plaza, New York, NY 10287
COMSTA: WGY902 NEW YORK CITY, NY.
WGY932 St. Thomas, V.I.
WGY942 Albany, NY.
WGY982 North Trenton, NJ.
WGY992 San Juan, P.R.

03 Curtis Bldg., 7th. Floor, Sixth & Walnut St., Philadelphia, PA 19106
COMSTA: WGY903 OLNEY, MD. (PRIMARY Net Control Station)
AV: 231-1590, 725-1620, 831-3750, 851-3323
WGY923 Harrisburg, PA.
WGY933 Pikesville, MD.
WGY943 Charleston, WV.
WGY953 Delaware City, DE.
WGY963 Richmond, VA.
WGY983 Washington, DC.
WGY993 HHS (Charlottesville, VA.)

04 1371 Peachtree St, N.E., Suite 700, Atlanta, GA 30309
COMSTA: WGY904 THOMASVILLE, GA. (3rd. Alternate N.C.S.)
AV: 434-1552, 434-1990/1994, 436-1853
WGY914 Balboa Heights, Canal Zone
WGY924 Nashville, TN.
WGY934 Columbia, SC.
WGY944 Atlanta, GA.
WGY954 Montgomery, AL.
WGY964 Jackson, MS.
WGY974 Tallahassee, FL.
WGY984 Raleigh, NC.
WGY994 Frankfurt, KY.

05 300 S. Walker St., 24th. Floor, Chicago, IL 60606
COMSTA: WGY905 BATTLE CREEK, MI. (4th. Alternate N.C.S.)
AV: 369-6001
WGY925 Madison, WI.
WGY945 Columbus, OH.
WGY935 St. Paul, MN.
WGY955 Springfield, IL.
WGY965 Indianapolis, IN.
WGY975 Lansing, MI.

06 Federal Regional Center, 800 N. Loop 2, Denton, TX 76201
COMSTA: WGY906 DENTON, TX. (2nd. Alternate N.C.S.)
AV: 962-9200
WGY926 Oklahoma, City, OK.
WGY936 Santa Fe, NM.
WGY946 Baton Rouge, LA.
WGY956 Austin, TX.
WGY966 Conway, AR.

07 Old Federal Office Building, 911 Walnut St., Kansas City, MO 64106
COMSTA: WGY907 KANSAS CITY, MO.

WGY947 Des Moines, IA.
WGY957 Lincoln, NE.
WGY977 Jefferson City, MO.
WGY997 Topeka, KS.

08 Denver Federal Center, Building 7, Denver, CO 80225
COMSTA: WGY908 DENVER, CO. (1st. Alternate N.C.S.)
AV: 887-1345/1590/1691/1692
WGY928 Pierre, SD.
WGY938 Cheyenne, WY.
WGY948 BismarK, SD.
WGY958 Helena, MT.
WGY968 Golden, CO.
WGY9)8 Salt Lake City, UT.

09 211 Main St., Room 220, Building 205, San Francisco, CA 94129
COMSTA: WGY909 SANTA ROSA, CA.
AV: 799-4263/4274/4300, 896-1840
WGY929 Carson City, NV.
WGY939 Sacramento, CA.
WGY949 Phoenix, AZ.
WGY959 Honolulu, HI.
NPN Agana NAS, Guam

10 Federal Regional Center, Bothell, WA 98011
COMSTA: WGY910 BOTHELL, WA.
AV: 728-1940, 891-1401/1542
WGY920 Boise, ID.
WGY930 Olympia, WA.
WGY940 Salem, OR.
WGY960 Soldotna, AK.
WGY970 Juneau, AK.
WGY980 Alcantra, AK.
WGY990 Moses Lake, WA.

WGY911 Telecommunications Management Div.; Washington, DC

WGY912 Special VIP Support Facility; Mt. Weather, VA.
AV: 380-4234/5011

WGY915 National Communications System; Arlington, VA.
(May use Ft. Myer or Warrenton/Remington facilities)

WGY919

WGY989 National Emergency Training Center,
Emmitsburg, MD.

DOE Installations on this Net: VIP Evacuation/Support Facilities:
KAL22 Savannah River Plant Ft. Meyer, VA. WAR21
KAL23 Oak Ridge, TN. Ft. Belvoir, VA. WAR22
KAL24 Washington, DC (Hdqr.) Hagerstown, MD. WAR30
KGO45 Rocky Flats, CO. Mt. Weather, VA. WAR42
KLJ87 Los Alamos, NM. Mercersburg, PA. WAR45
Ft. Richie, MD. WAR46
Boonesboro, MD WAR47

NOTES:

Each Monday, Thursday & Friday; WGY903 (NCS) to all regions,
10493.0, @1600Z

Additional:

1st. Tuesday in January, April, July, October: NCS by WGY903 @ 1600Z.

1st. Tuesday in February, May, August, November: NCS by WGY906 @ 1600Z.

1st. Tuesday in March, June, September, December: NCS by WGY904 @ 1600Z.

2nd. Tuesday in March, June, September, December: NCS by WGY905 @ 1600Z.

Every Wednesday; Open drill between all regional stations. During any
disaster or emergency, the affected state is the authority.

Stations WGY900-WGY919 are used by FEMA Offices & Regional headquarters.

Stations WGY920-WGY998 are staffed by State-level and local offices.

Contact: Gene Davis, Thomasville, GA., (912)226-1761, Ext. 207/343

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FEDERAL EMERGENCY MANAGEMENT AGENCY:

FEMA VHF & UHF FREQUENCIES:

27650.0

27850.0

27900.0

138.100

138.225 ** NATIONWIDE Primary Repeater; (Repeats. 141.875)

138.575

139.100

139.225

139.450

139.825

139.925

139.950

140.025

140.900

140.925

141.725 ** NATIONWIDE Primary Simplex

141.875 Repeater Input to 138.225

141.950

142.025

142.200

142.230 Repeater Input 142.975

142.300

142.350 Simplex; Repeater Input to 143.000

142.375 Simplex; Reg. 09, 10, Repeater Input to 143.000

142.400 Simplex; Reg. 04

142.425 Simplex; Repeater Input to 143.000

142.925 Simplex; Reg. 02, 03, 05

142.935

142.950

142.975 Simplex; Repeats 142.230; Repeater Input to 143.000
143.000 Simplex; Repeats 142.350
Repeats 142.375
Repeats 142.425
Repeats 142.975
143.050
143.225 Mobiles
143.250 Repeater Input to 139.250
143.600
143.625 Simplex; Reg. VI
152.425
153.225 Repeats 158.130
158.130 Repeater Input to 153.225
163.100 DOE Common, National Emergency Training Center
163.225
164.8625 Ch. 2, Simplex; National Radio System
Ch. 1, Repeats 165.6625; National Radio System
165.6625 Repeater Input to 164.8625,
Simplex; National Radio System, Emergency Training
166.225 National Emergency Training Center
166.6125 Repeater Input to 168.400
167.925 Simplex; Regional EOC Net 4
167.975 Simplex; Regional EOC Net 2,
Some DoD, DoE, NASA, NOAA, NRC Facilities;
Repeats 173.1875; Regional EOC Net 1
168.075 Repeats 170.425
168.100 Repeats 170.450
168.350 National Emergency Training Center
168.400 Repeats 166.6125
168.700 Repeats 170.975
169.250
169.600 National Emergency Training Center
169.875 Simplex; Regional EOC Net 3
170.200 Federal Disaster Net
170.425 Repeater Input to 168.075
170.450 Repeater Input to 168.100
170.975 Repeater Input to 168.700
173.1875 Repeater Input to 167.975
409.125
453.525

**** All regions, for use in actual disasters only**