HFGCS Quick Tune SDR List

Use the list below to quickly tune to the most used US Air Force High Frequency Global Communications System (HFGCS) frequencis as received directly by internet software defined radio (SDR) sites. Simply find the location you want and click on the frequency to open a receiver in a new browser tab. The best receiver locations appear to be near **Cape Cod, Massachusetts** and the **Pacific Northwest (Idaho, Montana, Utah)**. Sites below are selected by receiver performance and proximity to HFGCS transmitters. Frequencies **4724**, **6739**, **8992**, and **11175** are the primary and secondary ones used for EAM and SKYKING broadcasts, though there are times when the E6 TACAMO or E4 NAOC aircraft can be heard elsewhere. If there is a training exercise or real-world battle, hunt around other frequencies, such as **6697**, **8776**, or **11244**.

- KiwiSDR servers for HFGCS are now updated at 12 hour intervals!
- Visit the Skywavelinux SDR Map to find other receiving stations in your geographic area of interest.
- Click to download SDR for HFGCS List [PDF].
- Try the new lists for AM / mediumwave: KiwiSDR Canada, KiwiSDR Australia and New Zealand, and Mediumwave WebSDR.

KiwiSDR: 21st Century Radio for the People

A listener's handbook by and for KiwiSDR enthusiasts.

Some sites have taken to blocking frequencies with the "mask" function. If the SDR goes silent on 11175, for example, try another HFGCS frequency or use a different SDR site. If you are geo blocked from any SDR site, evade the blockage by deleting your browser cookies and using a VPN or SSH tunnel to connect from a different country. If you want some excellent links for popular AM / Mediumwave stations, see the KiwiSDR Canada, KiwiSDR Australia and New Zealand, and Mediumwave WebSDR lists.

First, select the frequency:

4724	6697	6739
8776	8992	11175
11244	13200	15016

Next, click on a location from which to listen:

New England

KiwiSDR, West Mountain, Dutchess County, NY, USA
KiwiSDR, Shrewsbury, Vermont, USA
KiwiSDR, East Falmouth, MA
KiwiSDR, Holland, MA
KiwiSDR, Holland, MA

Pacific Northwest

KiwiSDR, Fort Collins, Colorado
KiwiSDR, Whitmore, California
KiwiSDR, 20 km NW Fort Collins, Colorado
KiwiSDR, Adair Village, Oregon, USA
KiwiSDR, Stevensville, MT, USA

Hawaii

Western Europe

KiwiSDR, Brettnach, France
KiwiSDR, South East Germany (Bavaria) / Central Europe
KiwiSDR, Bad Bentheim , Germany
KiwiSDR, Marianske Lazne, Czech
KiwiSDR, Kampereiland, Netherlands

Southern Europe

KiwiSDR, Cavriglia (Arezzo), Italy
KiwiSDR, Italy
KiwiSDR, Ischia, Italy
KiwiSDR, CONVERSANO (BARI) - CENTRAL PUGLIA - ITALIA - ITALY ***O***

Middle East

KiwiSDR, Kuwait City
KiwiSDR, Kuwait City
KiwiSDR, Kuwait City

Japan

KiwiSDR, Dae_Gu City, South Korea
KiwiSDR, Shinhidaka Hokkaido, JAPAN
KiwiSDR, Mishima, Japan
KiwiSDR, Ito, Shizuoka Japan

Some WebSDRs are available for HFGCS monitoring:
Corrine, Utah, USA - 8992 kHz
Milford, Pennsylvania, USA - 8992 kHz
Washington, DC, USA - 8992 kHz
Univ of Twente, Netherlands - 8992 kHz
Univ of Twente, Netherlands - 11175 kHz
Silec, Poland - 11175 kHz

Look for doomsday planes on ADSBexchange

Tail Number Lookup:

- E-4B 75-0125
- E-4B 73-1676
- E-4B 73-1677
- E-4B 73-0787
- E-6B 162682
- E-6B 162782
- E-6B 163919
- E-6B 163920
- E-6B 164386
- E-6B 164387
- E-6B 164388
- E-6B 164404

E-6B 162783
E-6B 162784
E-6B 163918
E-6B 164407
E-6B 164410

Check Twitter for postings about E-6B or E-4B aircraft.

Since propagation conditions vary between different receiver sites and frequencies, try different combinations to find which ones work best for your desired stations. Most KiwiSDRs have rather high default gain settings, producing plenty of noise, which can be bothersome. To avoid listener fatigue, reduce the AGC threshold to a setting of about 80 dB. The KiwiSDR standard USB filter bandpass is good for HFGCS traffic; setting the top limit to 3.5 kHz is a match for the broader bandpasses on the network. Stations on the net operate with precise, dead-on tuning: less than 5 Hz above or below the published frequencies.

Please be a fair listener on these radio servers. Avoid excessive time or opening multiple SDR tabs from the same site at once, as site operators detect and block **users** or **frequencies** who draw excessive bandwidth.

If you find interesting action on the HFGCS frequencies, give some thought to making an audio recording or screen capture video to share on sites such as YouTube or Soundcloud