

| <b>Shortwave Frequency Guide (All frequencies shown in kHz)</b> |                      |  |                            |
|---|----------------------|--|----------------------------|
| <b>Frequencies</b>  | <b>Service</b>       |  | <b>Comments</b>            |
| 0535   1705   | AM Broadcast         |  | Standard North America AM  |
| 1705   1800   | Fixed Service        |  | Land/Mobile/Marine         |
| 1800   2000   | Amateur 160 Meters   |  |                            |
| 2000   2107   | Maritime Mobile      |  |                            |
| 2107   2170   | Fixed Service        |  | Land/Mobile/Marine         |
| 2170   2194   | Land Mobile Service  |  |                            |
| 2194   2300   | Fixed Service        |  |                            |
| 2300   2495   | Shortwave Broadcast  |  | 120 Meters                 |
| 2495   2505   | Time Standard        |  |                            |
| 2505   2850   | Fixed Service        |  | Land/Mobile/Marine         |
| 2850   3155   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 3155   3200   | Fixed Service        |  |                            |
| 3200   3400   | Shortwave Broadcast  |  | 90 Meters                  |
| 3400   3500   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 3500   4000   | Amateur 80/75 Meters |  |                            |
| 3900   4000   | Shortwave Broadcast  |  | 75 Meters, Not in Region 2 |
| 4000   4000   | Time Standard        |  |                            |
| 4000   4063   | Fixed Service        |  |                            |
| 4063   4438   | Maritime Mobile      |  | Ship/Shore                 |
| 4438   4650   | Fixed Service        |  |                            |
| 4650   4750   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 4750   5060   | Shortwave Broadcast  |  | 60 Meters                  |
| 5005   5450   | Fixed Service        |  |                            |
| 5450   5730   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 5730   5950   | Fixed Service        |  |                            |
| 5950   6200   | Shortwave Broadcast  |  | 49 Meters                  |
| 6200   6525   | Maritime Mobile      |  | Ship/Shore                 |
| 6525   6765   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 6765   7000   | Fixed Service        |  |                            |
| 7000   7300   | Amateur 40 Meters    |  |                            |
| 7100   7300   | Shortwave Broadcast  |  | 41 Meters, Not in Region 2 |
| 7300   8195   | Fixed Service        |  |                            |
| 8195   8815   | Maritime Mobile      |  | Ship/Shore                 |
| 8815   9040   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 9040   9500   | Fixed Service        |  |                            |
| 9500   9900   | Shortwave Broadcast  |  | 31 Meters                  |
| 9775   9995   | Fixed Service        |  |                            |
| 10005   10100   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 10100   10150   | Amateur 30 Meters    |  | CW/Data Only               |
| 10100   11175   | Fixed Service        |  |                            |
| 11175   11400   | Aeronautical Mobile  |  | Transoceanic Flights       |
| 11400   11650   | Fixed Service        |  |                            |
| 11650   12050   | Shortwave Broadcast  |  | 25 Meters                  |
| 12050   12330   | Fixed Service        |  |                            |

|       |       |                             |                             |
|-------|-------|-----------------------------|-----------------------------|
| 12330 | 13200 | Maritime Mobile             | Ship/Shore                  |
| 13200 | 13360 | Aeronautical Mobile         | Transoceanic Flights        |
| 13360 | 13600 | Fixed Service               |                             |
| 13600 | 13800 | Shortwave Broadcast         | New WARC Allocation         |
| 13800 | 14000 | Fixed Service               |                             |
| 14000 | 14350 | Amateur 20 Meters           |                             |
| 14350 | 14995 | Fixed Service               |                             |
| 15010 | 15100 | Aeronautical Mobile         | Transoceanic Flights        |
| 15100 | 15600 | Shortwave Broadcast         | 19 Meters                   |
| 15600 | 16460 | Fixed Service               |                             |
| 16460 | 17360 | Maritime Mobile             | Ship/Shore                  |
| 17360 | 17550 | Fixed Service               |                             |
| 17550 | 17900 | Shortwave Broadcast         | 16 Meters                   |
| 17900 | 18030 | Aeronautical Mobile         | Transoceanic Flights        |
| 18030 | 18780 | Fixed Service               |                             |
| 18068 | 18168 | Amateur 17 Meters           |                             |
| 18780 | 18900 | Maritime Mobile             | Ship/Shore                  |
| 18900 | 19680 | Fixed Service               |                             |
| 19680 | 19800 | Maritime Mobile             | Ship/Shore                  |
| 19800 | 21000 | Fixed Service               |                             |
| 21000 | 21450 | Amateur 15 Meters           |                             |
| 21450 | 21850 | Shortwave Broadcast         | 13 Meters                   |
| 21850 | 22000 | Aeronautical Mobile         |                             |
| 22000 | 22720 | Maritime Mobile             | Ship/Shore                  |
| 22720 | 23200 | Fixed Service               |                             |
| 23200 | 23350 | Aeronautical Mobile         |                             |
| 23350 | 24990 | Fixed Service               |                             |
| 24890 | 24990 | Amateur 12 Meters           | Shared with FixedService    |
| 25010 | 25330 | Petroleum Industry          |                             |
| 25330 | 25600 | Government Frequency        |                             |
| 25600 | 26100 | Shortwave Broadcast         | 11 Meters                   |
| 26100 | 26480 | Land Mobile Service         |                             |
| 26480 | 26950 | Government                  |                             |
| 26950 | 26960 | International Fixed Service |                             |
| 26960 | 27410 | Citizen's Band              | Channels start at 26965 kHz |
| 27410 | 27540 | Land Mobile Service         |                             |
| 27540 | 28000 | Government                  |                             |
| 28000 | 29700 | Amateur 10 Meters           |                             |
| 29700 | 29800 | Forestry Service            |                             |
| 29800 | 29890 | Fixed Service               |                             |
| 29890 | 29910 | Government                  |                             |
| 29910 | 30000 | Fixed Service               |                             |

## **K4ZAD's Shortwave Voice Utility Sampler**

2182 Marine Emergency Calling Channel  
2598 Canadian CG Marine Information Broadcasts  
2670 USCG Marine Information Broadcasts  
3413 Aero Weather | Shannon Ireland  
3485 Aero WX | New York, NY and Gander, Newfoundland  
4065 Inland River Towboats | WCM | Cincinnati  
4125 Marine Ship Calling  
4149 Marine Simplex Utility Channel 4B  
4372 US Navy  
4381 Great Lakes Ore Boats | WLC | Rogers City, MI | Ships on 4089  
4582 Civil Air Patrol | Emergency Channel  
4722 RAF Aero Weather | Continuous  
4725 US Air Force | Global High Frequency System  
4742 RAF | Architect  
5015 US Army Corps of Engineers | Net at 8:00 AM ET, M-F  
5211 Federal Emergency Management Agency | Primary Night Channel  
5505 Aero Weather | Shannon Ireland | Continuous  
5598 Air Traffic Control | North Atlantic | NY, Gander, Shanwick  
5616 Air Traffic Control | North Atlantic | Gander, Shanwick  
5680 Search & Rescue Channel | Worldwide  
5692 US Coast Guard | Chopper Ops.  
5696 US Coast Guard | Air Ops.  
5841 US Anti-Drug Agents  
6215 Marine Ship Calling / Utility Channel (Ch. 606)  
6230 Marine Simplex Utility Channel 6C  
6510 River Towboats | WCM | Cincinnati  
6577 Air Traffic Control | Caribbean | NY  
6604 Aero WX | New York, NY and Gander, Newfoundland  
6628 Air Traffic Control | North Atlantic | NY, Santa Maria  
6676 Aero WX | Sydney, Singapore, Bangkok, Bombay  
6679 Aero WX | Honolulu, Tokyo, Auckland, Hong Kong  
6697 US Navy  
6720 US Navy  
6738 US Air Force | Global High Frequency System  
6753 Canadian Military WX | Edmonton, Trenton, St. Johns  
6812 USAF | A prime frequency for Air Force One  
7527 US Anti-Drug Agents  
7535 US Navy Shanwick  
7635 CAP | Nationwide Freq (Command Net Weekdays at 1600 UTC)  
8125 FAA | Eastern Net (Wednesdays at 10:45 AM ET)  
8176 Sydney, Australia. Marine Radio | VIS | (early mornings)  
8213 River Towboats | WCM | Cincinnati  
8255 Marine Ship Calling (Ch. 821)

8297 Marine Simplex Utility Channel 8B  
8794 Great Lakes Ore Boats | WLC | Rogers City, MI | Ships on 8270  
8825 Air Traffic Control | North Atlantic | NY, Gander, Shanwick  
8828 Aero WX | Honolulu, Tokyo, Auckland, Hong Kong  
8846 Air Traffic Control | Caribbean | NY  
8864 Air Traffic Control | North Atlantic | Gander, Shanwick  
8867 Air Traffic Control | Pacific | Honolulu, Auckland, Sydney, Nandi  
8903 Air Traffic Control | Pacific & Africa  
8906 Air Traffic Control | North Atlantic | NY, Santa Maria  
8912 US Anti-Drug Agents  
8957 Aero Weather | Shannon Ireland | Continuous  
8967 US Air Force | Global High Frequency System  
8980 US Coast Guard | Chopper Ops.  
8984 US Coast Guard | Air Ops.  
8993 US Air Force | Global High Frequency System  
9023 Canadian Military & USAF NORAD  
9032 RAF | Architect  
10051Aero WX | New York, NY and Gander, Newfoundland  
10493Federal Emergency Management Agency | Primary Day Channel  
10780USAF | NASA Support | Cape Radio | Primary Day Channel  
11176US Air Force | Global High Frequency System  
11191US Navy | Air Operations | Hershey at Key West, FL  
11195US Coast Guard | Air Ops.  
11198US Coast Guard | Chopper Ops.  
11200RAF Aero Weather | Continuous  
11205US Navy  
11233Canadian Military  
11234RAF | Architect  
11255US Navy  
11267US Navy  
11279Air Traffic Control | North Atlantic | NY, Gander, Shanwick  
11282Air Traffic Control | Pacific | San Francisco, Honolulu  
11309Air Traffic Control | North Atlantic | NY, Santa Maria  
11384Air Traffic Control | Pacific | Honolulu, Tokyo, Hong Kong  
11387Aero WX | Sydney, Singapore, Bangkok, Bombay  
11396Air Traffic Control | Caribbean | NY  
11494US Anti-Drug Agents | Shore on 6516  
12290Marine Ship Calling Ch. (Ch. 1221) | Shore Stations on 13137  
12359Marine Simplex Utility Channel 12C (Skeds at 14:30 | 15:00 ET)  
13201US Air Force | Global High Frequency System  
13257Canadian Military  
13261Air Traffic Control | Pacific | Honolulu, Auckland, Sydney, Nandi  
13264Aero Weather | Shannon Ireland | Continuops  
13270Aero WX | New York, NY and Gander, Newfoundland  
13282Aero WX | Honolulu, Tokyo, Auckland, Hono Kong  
13288Air Traffic Control | Pacific | San Francisco, Honolulu

13297 Air Traffic Control | Caribbean | NY  
13300 Air Traffic Control | Pacific | Honolulu, Tokyo, Hong Kong  
13306 Air Traffic Control | North Atlantic | NY, Gander,  
13312 Anti-Drug Agents and FAA and Commercial Flight Tests  
13330 Air | Long Distance Operational Control | NY, Houston  
13354 Air Traffic Control | Pacific | San Francisco, Honolulu  
13457 FAA | Western Net (Wednesdays at 10:30 AM MT)  
(Skeds at 13:00 | 14:00 ET)  
15015 US Air Force | Global High Frequency System  
15867 US Anti-Drug Agents | Shore Stations on 8779  
16420 Marine Ship Calling Channel (Ch. 1621) | Shore Stations on 17302  
16534 Marine Simplex Utility Channel 16C  
17904 Air Traffic Control | Pacific | Honolulu, Tokyo, Hong Kong  
17946 Air Traffic Control | North Atlantic | NY, Gander, Shanwick  
17975 US Air Force | Global High Frequency System  
18009 US Navy  
22060 Marine Ship Calling Channel (Ch 2221) | Shore Stations on 22756  
22171 Marine Simplex Utility Channel 22E  
23287 US Navy

Utility Frequencies courtesy of Tom McKee, K4ZAD, from his book,  
*The Other Shortwave* (Key Research, PO Box 846G, Cary, NC 27512).