Tuning In With
Steve Kremer, KN0F
An easy guide to shortwave listening
Who the heck is this guy?
A bit about my background....

- History
- Experience
- Amateur Radio
- Today and beyond
What Is Shortwave?

- What are the frequencies?
- What can I hear?
- Do I need a license?
- What equipment do I need?
- What time is it?
Frequencies

- Basically 1.8 MHz to 30 MHz
- Broadcast Bands
- Amateur Bands
- Utility Bands
- Military “No Bands”
Broadcast Bands

- International News
- Local News
- Propaganda
- Target Areas
- Target Languages
- Times To Listen & MUF
Broadcast Bands

- **120M** 2.300 – 2.500 MHz (Tropical)
- **90M** 3.200 – 3.400 MHz (Tropical)
- **60M** 4.750 – 5.060 MHz (Tropical)
- **49M** 5.950 – 6.200 MHz
- **41M** 7.100 – 7.600 MHz
- **31M** 9.200 – 9.900 MHz
Broadcast Bands

- 25M  11.600 – 12.200 MHz
- 22M  13.570 – 13.870 MHz
- 19M  15.100 – 15.800 MHz
- 16M  17.480 – 17.900 MHz
- 13M  21.450 – 21.850 MHz
- 11M  25.600 – 26.100 MHz
Some Stations You Can Hear

- 0000 UTC
  - China Radio Int’l – 6.020 MHZ
  - Radio Canada Int’l – 9.880 MHz
  - Radio Cairo – 6.270 MHz
  - WWCR – 5.070MHz
More Stations......

- 0100 UTC
  - BBC – 5.970 MHz
  - VO Vietnam – 6.175 MHz
  - Radio Havana – 6.00 & 6.05 MHz
  - WWRB (TN) – 5.050 MHz
And More Stations......

- **0200 & 0300 UTC**
  - Voice Of Russia – 7.250 MHz
  - Vatican Radio – 6.040 & 7.305 MHz
  - Voice Of Croatia – 3.985 & 7.375 MHz
  - CKZU (Vancouver) – 6.160 MHz
  - Radio Romania Int’l – 6.130 & 7.305 MHz
Early Morning – 6 to 9 AM CST

- Radio Australia
  - 9.590 & 11.945 MHz
- Radio New Zealand Int’l – 15.720 MHz
- Radio Ethiopia – 9.705 MHz
- Voice Of Korea (N) – 9.335 MHz
- KBS World Radio (S) – 9.650 MHz

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Utilities & Others

- Time Stations
- Digital Communications
- Military
- Aircraft & VOLMET
- Spy Numbers
- Clandestine
Try These Frequencies ......

- All USB
- Tune in and sit on them for a while, depending on MUF
- 6.762 MHz
- 8.846 MHz
- 11.175 MHz
- VOLMET – 6.604 & 10.051 MHZ (NY Radio)
Special Circumstance Listening

- Aircraft phone patches
- Ship-to-shore
- Hurricane season
Equipment

- Tabletop Receivers
- Portable Receivers
- Amateur Transceivers
- Antennas & Tuners
- Power Sources
- Miscellaneous Equipment
Finding Frequencies

- WRTH (World Radio TV Handbook)
- Monitoring Times
- Popular Communications
- MDXC (MN DX Club)
- Internet Sources
How To Find Me

- Steve Kremer, KN0F
- KN0F@arrl.net
- 146.760 & 444.100 Repeaters
- Telephone number on request