



Radio Active Times, Issue 4, August 2025

The official newsletter of the Handiham Radio Club. Issue 4,
August 2025.

Welcome from the Editor

It is hard to believe that we are less than three weeks out from Radio Camp. This year at camp we will be using various HF radios with both indoor and outdoor antennas. We will run a 48-hour special operating event using the special call W0H. We will improve our ham radio skills through lectures with hands-on demos. We will hear all about the club's great growth at our annual hybrid meeting. We will hunt down some hidden radio foxes at a local park. Campers will have the opportunity to get or upgrade their licenses at our VE testing session. On top of all this, there will be some surprise activities to fill whatever free time we have. Sounds like many of us will need a vacation after our vacation at Radio Camp! I am so looking forward to tapping canes with my Handiham family in less than three weeks.

Mélanie Carriveau, KN4ZSY, Editor in Chief

Contributions Wanted

If you have something related to ham radio or technology that you want to share with the club, please submit it to our Editor in Chief, Mélanie Carriveau, KN4ZSY. There is no deadline for submissions, and the submission guidelines are quite flexible.

HRC Net Statistics, July 2025

By President Jerry Maccoux, W0UW, HRC Net Manager

July proved to be another record-breaking month. We used the services of 8 net control stations. Last year we picked up our main substitute NCS, Sabra Ewing, AI7UG, and during July we added our second substitute NCS, Daryl Stout, N5VLZ.

Our record monthly total for July was 571 checked-in stations, an average of 20.39 stations per net.

Check-ins by week, July 2025

Week	Check-ins	Average per net
Week 1 (5 nets)	119	19.83
Week 2	125	20.83
Week 3	115	19.16
Week 4	132	21.6
Week 5 (5 nets)	99	19.8

- The six-week total from July 1 through August 14, 2025, is 814 checked-in stations, an average of 20.9.
- Since January 2, 2025, the HRC net has logged 3,533 checked-in stations, an average of 18.40.
- Since March 24, 2025, we have logged 20 consecutive weeks with more than 100 checked-in stations.

In summary, not one of July's averages is lower than any of the previous months. July boasts 18 nets logging more than 20 checked-in stations, a record that no other month has come close to since I have been net manager.

Thank you, HRC members, for supporting your Handiham Radio Club daily net.

Be sure to drop in at 11:00 AM Central time, Monday through Friday, for our daily nets:

- EchoLink: HANDIHAM conference server, node 494492
- DMR: talkgroup TGIF, TG 3141
- AllStar: node 473670

Article 1: Famous Hams — Owen Garriott, W5LFL, Silent Key

Contributed by Mélanie Carriveau, KN4ZSY. Originally published on the NASA website, with updates and clarifications by Mélanie Carriveau, KN4ZSY.

Owen Garriott, PhD, former NASA astronaut.

Personal data

- Born November 22, 1930, in Enid, Oklahoma.
- Died April 15, 2019, aged 88, in Huntsville, Alabama.

Education

- Graduated from Enid High School in 1948.
- BS in electrical engineering, University of Oklahoma, 1953.
- MS and PhD in electrical engineering, Stanford University, 1957 and 1960.
- Completed the one-year US Air Force pilot training program (1966), qualifying as a jet pilot.

Organizations

- American Astronautical Society (Fellow)
- American Institute of Aeronautics and Astronautics (Associate Fellow)
- Institute of Electrical and Electronics Engineers
- American Geophysical Union
- American Association for the Advancement of Science
- Association of Space Explorers (Board of Directors)
- Astronaut Scholarship Foundation (Vice President and Vice Chairman)

Special honors

- National Science Foundation Fellowship, 1960–61
- Honorary Doctorate of Science, Phillips University, Enid, Oklahoma, 1973
- NASA Distinguished Service Medal, 1973
- Collier Trophy, 1973
- Fédération Aéronautique Internationale Komarov Diploma, 1973
- Goddard Memorial Trophy, 1977
- NASA Space Flight Medal, 1983
- Oklahoma Hall of Fame, 1980
- Oklahoma Air and Space Hall of Fame, 1980
- US Astronaut Hall of Fame, 1997
- Oklahoma Military Hall of Fame, 2000
- Enid Public Schools Hall of Fame, 2001

Experience

Garriott served as an electronics officer on active duty in the US Navy from 1953 to 1956. From 1961 through 1965 he was an assistant

professor, then associate professor, in the Department of Electrical Engineering at Stanford University. After earning his doctorate, he did research and led graduate studies in ionospheric physics, and wrote or co-wrote more than 45 scientific papers, chapters and one book, mainly in the physical sciences.

In 1965 he was one of the first six scientist-astronauts selected by NASA. His first space flight, aboard Skylab in 1973, set a new world duration record of about 60 days, more than double the previous record. Extensive studies were made of the sun, of Earth resources, and in life sciences relating to human adaptation to weightlessness. His second flight was aboard Spacelab-1 in 1983, a 10-day multidisciplinary international mission. Over 70 experiments in six disciplines were conducted, mainly to show that Spacelab was suitable for research in all these areas.

He was also an Extra Class amateur radio operator, call sign W5LFL. He operated the world's first amateur radio station in space, and on December 1, 1983, he made the first amateur radio contact from space using a Motorola 2-meter handheld radio. Ham radio has since become an important activity on dozens of shuttle flights, the Mir space station, and now the International Space Station, with scores of astronauts and cosmonauts taking part.

Between missions, he received a NASA fellowship for a year of study at Stanford (1975–76) and served as Deputy, Acting, and then Director of Science and Applications at Johnson Space Center (1974–75, 1976–78), where he was responsible for all physical sciences research at the center. From 1984 to 1986 he was Project Scientist in the Space Station Project Office, working closely with the outside scientific community and advising the project manager on the scientific suitability of the Space Station design.

After leaving NASA in June 1986, he consulted for aerospace companies and served on several NASA and National Research Council committees. From January 1988 until May 1993 he was Vice President

of Space Programs at Teledyne Brown Engineering. That division, which grew to over 1,000 people, provided payload integration for all Spacelab projects at Marshall Space Flight Center and had a substantial role in developing the US Laboratory for the International Space Station. He also gave time to charitable work in his home town, including the Enid Arts and Sciences Foundation, which he co-founded in 1992.

Later he became an adjunct professor in the Laboratory for Structural Biology at the University of Alabama in Huntsville, taking part in research on new microbes brought back from extreme environments such as very alkaline lakes and deep-sea hydrothermal vents. Hyperthermophiles were collected on several dives in Russian Mir submersibles to the Rainbow Vents, 2,300 meters deep near the Azores in the Atlantic Ocean. His other research included three trips to Antarctica, from which 20 meteorites were brought back for laboratory study.

Article 2: Accessible Handie-Talkies

By Jerry Maccoux, W0UH

How can I find an accessible HT? That is a question being bandied about these days. Hams live with many disabilities other than blindness, but within the limited scope of this article, I am going to deal with radios that help people who are visually impaired. This is a very introductory article, based on what I operate in my shack.

The first radio that comes to mind is the Kenwood TH-D75A, because of its extensive menu enhancements. The TM-V7A and the TH-D74 once reigned supreme: those radios gave the most menu information and allowed access to repeaters, dual-band operation and digital modes. The TH-D75A has very few holes in its menu, letting you preprogram memories as well as use VFO operation on the fly. It is a tri-bander and can receive a wide range of modes and frequencies. It is priced as a

premium radio. A TH-D74A should not be bought for more than half the cost of a TH-D75A.

The Wouxun radios give you about 75% access for about \$450 less than the Kenwood radios. Programming PL tones and offsets takes more time, and there are more holes in the menu speech. The KG-Q10H is a quad-bander that receives from 50 MHz to 470 MHz.

I use the Wouxun KG-Q10H because I am used to programming Wouxun radios. I program field frequencies before going out into the field, because I need to be relaxed when I program them. For example, programming a 123.0 PL tone requires knowing how far up from the bottom of the list the tone you want is located; the Kenwood HTs tell you when you have found the right PL tone. Some Wouxun radios let you key in the PL directly.

The Wouxun UV8D and UV8E, and the UV1D, UV2D and UV3D, are old standbys, and guides to programming them can be found on the internet. I have a KG-7D, a 2-meter and 6-meter dual-bander; programming it is much like programming the UV3D or UV8D.

The GD-77 project radios cost about \$90. You will get the best results by programming them with a computer. The software is tricky, but many functions are available in VFO mode: you can set PL, power and offset there. They are DMR radios, so you will need to program your code plugs from a Windows PC. Programming is somewhat tricky, but the project's programmers worked hard to make sure people using screen readers can program their transceivers.

I have used the inexpensive Baofeng UV-5R radios with some success. They don't stand up to my heavy use, but I once independently programmed a bag of these radios for a group of club members in just a couple of hours, using only the buttons on the front of the radio. Again, knowing where the menu functions are is helpful.

The Baofeng 777S radios let you program 16 UHF channels with a PC. Through your PC you can set the PL, offset, power level, narrow or wide FM, and squelch level. When you turn the selector knob, the radio speaks the channel number. They can be programmed independently with CHIRP and a USB programming cable, cover 430 to 480 MHz, and you can buy a bundle of them for under \$100.

There is more information out there on radios accessible to people with low vision. Knowledgeable club members and Google should be able to point you toward an accessible solution that will get you on the air.

Calendar of Upcoming Events

August 2025

- **August 1–31**, 0000–2359 UTC: San Max SP3RN SK 2025. 4A2MAX, San Max Celebration Team, Mexico. Frequencies: 7.175, 14.175, 21.275, 28.450 MHz.
- **August 20–26**, 0000–0000 UTC: International Dog Day 2025. K2D and K2D/x, Caryn Eve Murray, KD2GUT, Melville, New York. Frequencies: 7.045, 14.050, 21.030, 28.050 MHz. After August 1, chasers can see where K2D and its international partners are on the air at hamlog.online/idd and dogdayradio.org.
- **August 23**, 1330–2100 UTC: NS Savannah maiden voyage anniversary. K3S, Nuclear Ship Savannah Amateur Radio Club, Port of Baltimore, Maryland. Bands: 40, 20, 17, 15 and 10 meters.
- **August 23**, 1300–2200 UTC: Pokagon State Park Centennial Celebration. K9P, Land of Lakes Amateur Radio Club, Angola, Indiana. Frequencies: 7.180, 7.280, 14.240, 14.340 MHz.
- **August 23–27**, 1400–1800 UTC: Commemorating the 68th Annual International Airstream Rally and 62 years of the WBCCI ARC. W1A, Wally Byam Caravan Club International Amateur Radio Club, York, Pennsylvania. All bands and modes, as conditions allow.

- **August 23 – September 1**, 0000–2359 UTC: Buhl Farm Park Celebration. W3B, Mercer County Amateur Radio Club, Hermitage, Pennsylvania. Frequencies: 7.185, 7.074, 145.350 MHz.
- **August 24 – September 6**, 0000–2359 UTC: Auburn Cord Duesenberg Festival special event station. K9A, Auburn Amateur Radio Association, Auburn, Indiana. Frequencies: 7.180, 14.250, 28.360 MHz.
- **August 30 – September 1**, 1600–1600 UTC: Return to Paradise, 47th anniversary. K7RDG, Cochise Amateur Radio Association, Sierra Vista, Arizona. Frequencies: 3.890, 7.225, 14.070, 14.285 MHz; voice, FT8, FT4 and JS8.
- **August 31**, 0400–0800 UTC: 100th anniversary of the wreck of the USS Shenandoah airship. W8VP, Cambridge Amateur Radio Association, Ava, Ohio. Frequency: 7.230 MHz.

September 2025

- **September 1–10**, 0000–2359 UTC: 175th anniversary of California statehood, 1850–2025. K6S, Monterey DX Group, Monterey, California. Frequencies: 14.275, 21.275, 28.375, 7.275 MHz.
- **September 2–14**, 1400–2359 UTC: 80th anniversary of Victory over Japan Day. W2V, Radio Gastonia, Gastonia, North Carolina. Frequencies: 14.345, 21.345, 7.245, 18.145 MHz.
- **September 4–11**: Handiham Radio Camp, Bloomington, Minnesota.
- **September 5–7**, 2100–2100 UTC: Handiham Radio Camp 2025 special event. AB8WF, Handiham Radio Club, Handiham Radio Club of Minnesota and the Handiham Program, Minneapolis, Minnesota. Frequencies: 14.250, 7.200, 28.350, 14.050 MHz.
- **September 6–7**, 1200–2359 UTC: 70th anniversary of the Birmingham Zoo. W7O, N4GHP, Birmingham, Alabama. Frequencies: 7.290, 7.296, 14.296 MHz.

- **September 6–7**, 1400–2000 UTC: High Sky Wing of the Commemorative Air Force AIRSHO 2025. W5CAF, Midland Amateur Radio Club, Midland, Texas. Frequencies: 14.269, 7.269 MHz.
- **September 6–12**, 0000–2359 UTC: 9/11, We Do Remember. K4A, Alabama Contest Group, Cordova, Alabama. Frequencies: 7.040, 14.250 MHz.
- **September 6–11**, 0000–2359 UTC: Route 66 On the Air. W6H, Albuquerque DX Association, Rio Rancho, New Mexico. Frequencies: 3.866, 7.266, 14.033, 14.266 MHz.
- **September 6–14**, 0001–2359 UTC: Route 66 On the Air. W6JBT, Citrus Belt Amateur Radio Club, San Bernardino, California. Frequencies: 3.866, 7.266, 14.266, 28.466 MHz.
- **September 7**, 3:00 PM Central time: Handiham Radio Club hybrid meeting.
- **September 7**, 1100–1600 UTC: INTERCON, celebrating 65 years of service. N1N, the Intercontinental Amateur Traffic Net, Loris, South Carolina. Frequency: 14.300 MHz.
- **From September 10**, 0000–2359 UTC: Swedish Amateur Radio Society 100-year anniversary. SB100SSA and related calls (SC100SSA, SD100SSA, SE100SSA, SF100SSA, SH100SSA, SI100SSA, SM100SSA, 7S100SSA, 8S100SSA), Swedish Amateur Radio Society, Sollentuna, Sweden. See www.ssa.se for details.
- **September 13**, 1600–2300 UTC: Commemorating the USS Midway's commissioning in 1945. NI6IW, USS Midway Museum Ship, San Diego, California. Frequencies: 14.320, 7.250, 14.070 MHz.
- **September 13**, 1330–2100 UTC: Baltimore Defenders' Day. K3S, Nuclear Ship Savannah Amateur Radio Club, Port of Baltimore, Maryland. Bands: 40, 20, 17, 15 and 10 meters.
- **September 13**, 1500–2000 UTC: SS John W. Brown living history cruise. K8JWB, SS John W. Brown Radio Club, Baltimore, Maryland. Frequencies: 7.210, 14.230, 21.300, 28.320 MHz.

- **September 13**, 1400–1700 UTC: Celebrating Arthur Collins' birthday. W0CXX, Collins Amateur Radio Club, Cedar Rapids, Iowa. Frequency: 14.263 MHz.
- **September 13**, 1400–2000 UTC: Fred Harvey House Museum on the Air. KS0LV, Pilot Knob Amateur Radio Club, Leavenworth, Kansas. Frequencies: 14.303, 21.361, 28.355, 14.053 MHz.
- **September 17–24**, 0700–0700 UTC: US Constitution Day. W3C, Jeff Widen, Rancho Cucamonga, California. Frequencies: 7.275, 14.074, 14.250, 21.315 MHz.
- **September 19–21**, 0000–2359 UTC: National POW/MIA Recognition Day. K4MIA, PBSE, Loxahatchee, Florida. Frequencies: 7.195, 14.265, 18.150, 28.400 MHz.
- **September 20**, 1400–2200 UTC: Remembering the Freedom Trail, the Underground Railroad through Indiana. W9EFU, Clifty Amateur Radio Society, Madison, Indiana. Frequencies: 28.328, 14.314, 7.207 MHz.
- **September 20–21**, 1500–2000 UTC: SENARC 89-year anniversary. N0N, Southeast Nebraska Amateur Radio Club, Lincoln, Nebraska. Frequencies: 7.180, 14.230 MHz.
- **September 20**, 1400–2000 UTC: State Line Radio Club annual picnic. W3A, State Line Radio Club, Holtwood, Pennsylvania. Frequencies: 14.240, 21.280 MHz.
- **September 25–27**, 1300–2200 UTC: 18th Annual Triple Tree Fly-In. W4F, Spartanburg Amateur Radio Club, Woodruff, South Carolina. Frequency: 14.285 MHz.
- **September 27–28**, 1200–2300 UTC: Helene, One Year After. N4H, The Road Show Amateur Radio Club, Fairview, North Carolina. Frequency: 14.275 MHz.
- **September 27**, 1230–1930 UTC: Villa Rica Gold Rush. W4G, West Georgia Amateur Radio Society, Villa Rica, Georgia. 15, 20, 40 and 80 meters; CW, SSB and digital.

- **September 27**, 1400–2200 UTC: Volcano Days, oil and gas history. W8PAR, Parkersburg Amateur Radio Club, Parkersburg, West Virginia. CW 14.050 and 7.050 MHz; phone 14.250 and 7.200 MHz; FT8 on 20 and 40 meters.

Handiham Radio Club Board, August 2025

- President: Jerry Maccoux, W0UH
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- Treasurer and Handiham Program representative: Lucinda Moody, AB8WF
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To reach the club or any board member, please contact the Handiham Radio Club through the Handiham Program.

Published by the Handiham Radio Club. Read this and other issues online at <https://handiham.net/radio-active-times/>