

2024

Free

Amateur Radio Special Events & Information Guide

PUGET SOUND
(AND SURROUNDING AREA)



K7LED

146.82 MHz & 224.12 MHz
info@mikeandkey.org
www.mikeandkey.org

Preparing For Public Service Communications

1. Dress in layers of clothing, in case the weather changes.
2. Bring your medication, sunscreen, sunglasses, water bottle, etc.
3. Bring extra batteries for your radio.
4. Report your arrival in advance on the talk-in frequency, so you can be directed to convenient parking.
5. Bring a pen and small note pad to jot down information.
6. Speaker mikes and headsets are very helpful. Don't use vox, as it can pick up crowd noise and tie up the frequency.
7. If you have an extra radio, bring it along in case another volunteer has none.
8. You're part of a team, Net Control will answer your questions.
9. Have fun and feel good about helping your community.

The Amateur's Code

The Radio Amateur is:

CONSIDERATE...never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE...with knowledge abreast of science, a well-built and efficient station and operation above reproach.

FRIENDLY...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED...radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC...station and skill always ready for service to country and community.

The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.

PACIFIC NW DX CONVENTION

AUG. 9TH-11TH, 2024
EVERETT WASHINGTON



Hosted by the
**WESTERN WASHINGTON
DX CLUB**

PACIFICNWDXCOnVENTION.COM



NETS IN THE PUGET SOUND REGION

| Day | Time | Freq | Rptr Call | Name / Group / Description | |
|-------|------|----------|-----------|---|---|
| Daily | 0700 | 441.825 | KE7GFZ | KBARA-hosted NW Regional/International Net | |
| | 0747 | 146.960 | WW7PSR | Puget Sound Boaters Net | |
| | 0830 | 3.865 | (HF SSB) | NW Maritime Boaters Net | |
| | 0900 | 146.860 | W7AVM | Island County ARC (also 147.22) (except SUN, at 1930) | |
| | 0900 | 146.960 | WW7PSR | PSRG Nine O'Clock Net (also at 2100) | |
| | 1100 | 145.490 | K7LWH | Lake Wash. Ham Club (also 53.17, 224.36, 441.075) | |
| | 1200 | 28.350 | (HF SSB) | Edmonds Woodway ARC 10 Meter Noon Get-together | |
| | 1200 | 146.960 | WW7PSR | Puget Sound Repeater Group (PSRG) Noon Net | |
| | 1930 | 146.820 | K7LED | Mike & Key Social Net (except WED: Technical Net) | |
| | 2100 | 146.960 | WW7PSR | PSRG Nine O'Clock Net (also at 0900) | |
| SUN | 1800 | 28.345 | (HF SSB) | Puget Sound Area Ten Meter Net | |
| | 1845 | 224.160 | W7ECG | Whatcom Emergency Communication Group | |
| | 1900 | 147.240 | K7SYE | Auburn Area Emergency Communications Team | |
| | 1900 | 441.875 | WC7T | Cascade Radio Club | |
| | 1900 | 440.250 | N7ERP | Eastside Fire & Rescue ARC (except major holidays) | |
| | 1900 | 145.390 | W7EOC | Grays Harbor Co. Aux. Emerg. Comm. (& BeachNet rpters.) | |
| | 1900 | 145.630 | (simplex) | Island County ARC Digital Training Net | |
| | 1900 | 146.720 | N7SK | Mason County Amateur Radio Club | |
| | 1900 | 224.120 | K7LED | Mike & Key ARC 220 Informal Net | |
| | 1900 | 442.000 | NE7MC | Northshore Emerg. Mgmt. Coalition (temporarily 443.725) | |
| | 1900 | 147.180 | WA7LAW | Snohomish County Hams Club | |
| | 1900 | 442.825 | W7ECG | Whatcom Emergency Communication Group | |
| | 1915 | 145.470 | K7CPR | District 3 ARES | |
| | 1915 | TG 31538 | (DMR) | Whatcom Emergency Comm. Group DMR Net | |
| | 1930 | 147.040 | WA7FW | Federal Way Amateur Radio Club | |
| | 1930 | 146.860 | W7AVM | Island County ARC (also 147.22) | |
| | 1930 | 145.490 | K7LWH | Kirkland Emergency Comm. Team (KECT) (also 441.075) | |
| | 1930 | 145.430 | KD7WDG | Kitsap County Emergency Communications Net | |
| | 1930 | TG 31771 | (DMR) | PNW DMR ARES/EMCOMM Check-in Net | |
| | 1930 | 443.325 | N9VW | Redmond ARES Team | |
| | 1930 | 443.500 | W7VMI | Vashon-Maury Island RC (except 1st SUN) | |
| | 1945 | 28.410 | (HF SSB) | Island County ARC HF Net | |
| | 2000 | 145.390 | W7EOC | Coastal YL Net (& BeachNet repeaters) | |
| | 2000 | 147.080 | WW7STR | King County ARES/RACES | |
| | 2000 | 28.375 | (HF SSB) | Radio Club of Tacoma 10-Meter SSB Social Net | |
| | MON | 0730 | 28.385 | (HF CW) | Stanwood-Camano 10 Meter CW Net (also WED) |
| | | 0800 | 28.385 | (HF SSB) | Stanwood-Camano 10 Meter SSB Net (also WED) |

NETS IN THE PUGET SOUND REGION

| Day | Time | Freq | Rptr Call | Name / Group / Description | |
|------|------|-----------------|-----------|---|---|
| MON | 0930 | 28.430 | (HF SSB) | Chief Seattle Chapter of Ten-Ten International | |
| | 1800 | 441.775 | W7PSE | North Bend ARES Team (& linked W7PSE repeaters) | |
| | 1830 | 441.800 | W7AW | West Seattle ARC (also 145.130 & 53.290) | |
| | 1845 | 147.320 | N7RHE | Communications Support Team for Puget Sound Fire | |
| | 1900 | 444.075 | KC7Z | Kitsap County ARC 70 cm Analog Net | |
| | 1900 | TG 311429 (DMR) | | Kitsap County ARC 70 cm DMR Net | |
| | 1900 | 146.960 | WW7PSR | Seattle Auxiliary Comm. Service (ACS) (also 52.87) | |
| | 1900 | 28.350 | (HF CW) | Stanwood-Camano Slow Speed CW Net (also WED) | |
| | 1915 | 21.049 | (HF CW) | Tacoma Area Net relaxed-pace social net (or 28.055) | |
| | 1930 | 145.170 | NM7E | North Mason Amateur Radio Emergency Service Club | |
| | 1930 | 146.960 | WW7PSR | Puget Sound Repeater Group (PSRG) (also 52.87) | |
| | 1930 | 442.825 | W7AUX | Shoreline ACS (City of Shoreline) | |
| | 1930 | 440.200 | K7YLM | Yelm Amateur Radio Group | |
| | 2000 | (rotates) | | Puget Sound Digital Hams Net (see website: psdhn.org) | |
| | 2000 | 147.570 | (simplex) | Stanwood-Camano ARES Net | |
| | 2010 | 147.360 | W7PIG | Stanwood-Camano Amateur Radio Club Net | |
| | 2030 | 144.150 | (VHF SSB) | Stanwood-Camano 2 Meter SSB Net (time approx.) | |
| | TUE | 0930 | 146.860 | W7AVM | Island County ARES (also 147.22, 441.425) |
| | | 1000 | 145.190 | N7GDE | Region 1 EmComm Net (then QSY 444.5, 53.09, 223.86) |
| | | 1230 | 441.775 | W7PSE | PSE ARES (also 441.7, 441.75 & other W7PSE rpters) |
| 1815 | | 224.180 | W7EAT | Pierce County ARES 220 Net | |
| 1900 | | 443.725 | WA7DEM | Edmonds Woodway Amateur Radio Club | |
| 1900 | | 147.160 | W7ZA | Grays Harbor Amateur Radio Club | |
| 1900 | | 146.620 | WW7RA | Greater Kingston Radio Club | |
| 1900 | | 146.660 | NC7G | Highline Amateur Radio Club | |
| 1900 | | 145.490 | K7LWH | Lake Wash. Ham Club (also 53.17, 224.36, 441.075) | |
| 1900 | | 147.340 | K6RFK | LDS ERC Net - Everett Area & South | |
| 1900 | | 145.370 | W7AAO | Pierce County ARES District Net | |
| 1900 | | 3.965 | (HF SSB) | PNW NVIS Net (or 3.97, 7.23, 7.25; always start on 80m) | |
| 1900 | | 441.400 | NT7H | Thurston County ARES (also 147.36 & 224.46) | |
| 1930 | | 444.475 | W7NPC | Bainbridge Amateur Hour Net (Bainbridge Island ARC) | |
| 1930 | | 147.260 | KF7NPL | Maple Valley ARES | |
| 1930 | | 28.450 | (HF SSB) | Mason County ARC (Sept. - June, maybe summer) | |
| 1930 | | 441.400 | NT7H | Olympia Amateur Radio Society (also 147.36 & 224.46) | |
| 1930 | | 147.280 | W7DK | Radio Club of Tacoma | |
| 1930 | | 444.125 | W7SKY | Sky Valley Amateur Radio Club (also 145.65) | |
| 2000 | | 147.260 | KF7NPL | Maple Valley Amateur Radio Club (146.54 simplex after) | |

NETS IN THE PUGET SOUND REGION

| Day | Time | Freq | Rptr Call | Name / Group / Description |
|-----|------|----------|-----------|---|
| TUE | 2000 | 146.920 | WA7DEM | Snohomish County ACS/ARES |
| WED | 0730 | 28.385 | (HF CW) | Stanwood-Camano 10 Meter CW Net (also MON) |
| | 0800 | 28.385 | (HF SSB) | Stanwood-Camano 10 Meter SSB Net (also MON) |
| | 0900 | 145.150 | W7JCR | Jefferson County Emergency Management Net |
| | 0930 | 440.725 | AA7MI | Marrowstone Island Emergency Prep. Net |
| | 1900 | 443.925 | W7FLY | Boeing Employees Am. Radio Operators North (BEARONS) |
| | 1900 | 444.525 | N7KGJ | Issaquah Citizen Corps (except 1st WED) |
| | 1900 | 145.430 | KD7WDG | Kitsap County ARC 2 Meter Net |
| | 1900 | 145.490 | K7LWH | Lake Wash. HC DIY/Repair Net (& 53.17, 224.36, 441.075) |
| | 1900 | TG 31771 | (DMR) | PNW Digital Gathering |
| | 1900 | 3.900 | (HF SSB) | San Juan County Amateur Radio Society (+/- if QRM) |
| | 1900 | 145.190 | N7GDE | Skagit County ARES |
| | 1900 | 444.575 | WA7LAW | Snohomish County Hams Club (C4FM Digital Fusion) |
| | 1900 | 28.350 | (HF CW) | Stanwood-Camano Slow Speed CW Net (also MON) |
| | 1945 | 28.330 | (HF SSB) | Kitsap County ARC 10 Meter Net |
| | 2000 | 146.700 | N7JN | San Juan County ARES (also 443.45, 224.48) |
| | 2000 | 144.150 | (VHF SSB) | Stanwood-Camano 2 Meter SSB Net |
| | 2000 | 147.080 | WW7STR | Western WA Amateur TV Society (also SAT) |
| THU | 1700 | 3.5565 | (HF CW) | NAQCC PNW QRS Net (slow CW; time varies up to 1900) |
| | 1830 | 147.600 | (simplex) | Bainbridge Island ARC (BARC) Simplex Net |
| | 1830 | 146.580 | (simplex) | Bellevue Comm. Supp. (2nd THU) (then QSY to KC7IYE) |
| | 1830 | 146.820 | K7LED | Mike & Key ARC Member & Visitor Check-in Net |
| | 1900 | 147.340 | K6RFK | Bothell Emergency Radio Communications |
| | 1900 | 146.760 | W7FEL | Clallam County ARC |
| | 1900 | 147.160 | W7MIR | Mercer Island Radio Operators (2nd Thursday only) |
| | 1900 | 443.600 | K7DFD | Renton Emergency Comm. Service (except 1st THU) |
| | 1900 | 441.825 | KE7GFZ | Snoqualmie Valley ARC (except 1st THU) |
| | 1930 | 147.340 | NM7R | Pacific County ARES Net (& BeachNet rpters.) |
| | 1930 | 443.550 | WW7MST | WWA Med. Svcs. (& 146.9, 444.825, 443.675, 440.550) |
| | 2000 | 441.100 | K7BEL | Bellevue Communications Support (except 2nd THU) |
| | 2000 | 28.430 | (HF SSB) | Chief Seattle Chapter of Ten-Ten International |
| FRI | 1900 | 145.490 | K7LWH | Lake Wash. Round Robin Net (& 53.17, 224.36, 441.075) |
| SAT | 0900 | 3.985 | (HF SSB) | WA State Emergency Net (+5/10 kHz if busy; alt. 7.245) |
| | 1000 | 5.3305 | (HF SSB) | Washington EOC-to-EOC Net (60 Meters, Ch. 1) |
| | 2000 | 146.550 | (simplex) | Double Nickel Net (Seattle area) |
| | 2000 | 147.080 | WW7STR | Western WA Amateur TV Society (also WED) |

WHY BE A HAM RADIO OPERATOR?

With the Internet, mobile devices, CB radio and the Family Radio Service, what's the point of the Amateur Radio Service?

Amateur radio has always been on the cutting edge of technology. Today, we use amateur satellites, digital modes, digipeaters, thousands of FM repeaters, Internet-linked repeaters, amateur TV and many other forms of communication. Many radios are now able to connect with your computer or mobile device for a control interface or other functions. Some radios even use a computer for part of the radio signal processing, allowing for improvements via software updates. Amateur radio is always growing along with modern technology, either inventing or adapting new technologies..

In times of disaster, amateur radio has been the last resort for reliable communications. During hurricanes Katrina & Rita, hundreds of Hams worked for weeks because commercial communications were destroyed, overloaded or incompatible. After the Shuttle Columbia disaster, hams were called out to search for debris. Using portable FM repeaters, hams were the only reliable form of communication. Today, ham radio is more vital, exciting and needed than ever.

HOW YOU CAN BECOME A HAM RADIO OPERATOR

All hobbies involve learning new skills. To operate on the amateur radio bands, you must first master the basics, pass a test and receive a license from the Federal Communications Commission. The amateur community is very active in helping people become new hams. Weekend classes and testing sessions are available in most areas. There are also self-study books and online programs. Think you can't do it? Even grade-school kids have passed the exam for the highest class license.



There is no longer any Morse code requirement for any license class. There are three levels of licenses with progressive privileges. The first level is Technician, which allows mostly local communications. If your interests take you further, you can earn a General or Extra class license for more privileges and world-wide communications.

Your local amateur radio club will help you get into a study course and mentor you in your new hobby. This book has a list of ham radio clubs and examination locations. Our Web page (www.mikeandkey.org) and the ARRL Web page (www.arrl.org) give more information on classes, test locations and ham radio in general. Come enjoy the expanding world of ham radio. The sky is **NOT** the limit!

SELECTED PUGET SOUND REPEATERS

| Output | Input | Tone | Call Sign | Location [Group] |
|---------|---------|-------|-----------|---|
| 29.680 | 29.580 | 110.9 | W7RNB | Lookout Mtn |
| 52.870 | 51.170 | 103.5 | WW7PSR | Seattle [Puget Sound Repeater Group] |
| 53.010 | 51.310 | 100.0 | K7NP | University Place [Univ. Place Repeater Group] |
| 53.170 | 51.470 | 103.5 | K7LWH | Kirkland [Lake Washington Ham Club] |
| 53.290 | 51.590 | 100.0 | W7AW | West Seattle [West Seattle ARC] |
| 53.430 | 51.730 | 100.0 | W7NPC | Bainbridge Island [Bainbridge Island ARC] |
| 145.150 | 144.550 | 103.5 | W7PSE | Olympia [Puget Sound Energy ARG] |
| 145.150 | 144.550 | 114.8 | W7JCR | Port Townsend [Jefferson Co. ARES/RACES] |
| 145.170 | 144.570 | 103.5 | NM7E | Belfair [N. Mason ARES] |
| 145.190 | 144.590 | 127.3 | N7GDE | Lyman Hill, Skagit Co. [RASC] |
| 145.330 | 144.730 | 179.9 | K7NWS | Tiger Mountain West [Boeing Employees ARS] |
| 145.370 | 144.770 | 136.5 | W7AAO | Grass Mtn. [Pierce Co. ARES/RACES] |
| 145.390 | 144.790 | 118.8 | W7EOC | Cosmopolis [BeachNet Repeater System] |
| 145.430 | 144.830 | 88.5 | KD7WDG | Silverdale [Kitsap Co. ARS] |
| 145.470 | 144.870 | 100.0 | K7CPR | Capitol Peak (Olympia) [Capitol Peak Rptr Assoc.] |
| 145.490 | 144.890 | 103.5 | K7LWH | Kirkland [Lake Washington Ham Club] |
| 146.620 | 146.020 | 103.5 | WW7RA | Gold Mtn [Western WA Repeater Association] |
| 146.660 | 146.060 | 103.5 | NC7G | SeaTac [Highline Amateur Radio Club] |
| 146.700 | 146.100 | 131.8 | N7JN | San Juan Island [San Juan County ARS] |
| 146.720 | 146.120 | 103.5 | N7SK | Shelton [Mason Co. ARC] |
| 146.760 | 146.160 | 100.0 | W7FEL | Port Angeles [Clallam Co. ARC] |
| 146.820 | 146.220 | 103.5 | K7LED | Tiger Mountain East [Mike & Key ARC] |
| 146.840 | 146.240 | DSTAR | WA7FW | Federal Way [Federal Way ARC] |
| 146.860 | 146.260 | 127.3 | W7AVM | Coupeville [Island County ARC] |
| 146.900 | 146.300 | 103.5 | WW7MST | Seattle [WWA Medical Services Team] |
| 146.920 | 146.320 | 123.0 | WA7DEM | Granite Falls [Snohomish Co. ACS/ARES] |
| 146.960 | 146.360 | 103.5 | WW7PSR | Seattle [Puget Sound Repeater Group] |
| 147.040 | 147.640 | 103.5 | WA7FW | Federal Way [Federal Way ARC] |
| 147.080 | 147.680 | 110.9 | WW7STR | Tiger Mtn East [Sea-Tac Repeater Association] |
| 147.160 | 147.760 | 88.5 | W7ZA | Aberdeen [Grays Harbor ARC] |
| 147.160 | 147.760 | 146.2 | W7MIR | Mercer Island [Mercer Island Radio Operators] |
| 147.180 | 147.780 | 103.5 | WA7LAW | Everett [Snohomish County Hams Club] |
| 147.220 | 147.820 | 127.3 | W7AVM | Clinton [Island County ARC] |
| 147.240 | 147.840 | 123.0 | K7SYE | Auburn [Auburn Valley Rptr Group] |
| 147.260 | 147.860 | 114.8 | W7DG | Longview [Lower Columbia ARA] |
| 147.260 | 147.860 | 103.5 | KF7NPL | Maple Valley [Maple Valley Emerg Rptr Assoc] |
| 147.280 | 147.880 | 103.5 | W7DK | Tacoma [Radio Club of Tacoma] |
| 147.320 | 147.920 | 103.5 | N7RHE | Kent [Comm. Support Team for Puget Sound Fire] |
| 147.340 | 147.940 | 118.8 | NM7R | South Bend [BeachNet Repeater System] |
| 147.340 | 147.940 | 100.0 | K6RFK | Woodinville |
| 147.360 | 147.960 | 127.3 | W7PIG | Camano Island [Stanwood-Camano ARC] |
| 147.360 | 147.960 | 103.5 | NT7H | Olympia [Olympia ARS] |
| 224.120 | 222.520 | 103.5 | K7LED | Tiger Mountain East [Mike & Key ARC] |
| 224.160 | 222.560 | 156.7 | W7ECG | Lookout Mtn [Whatcom ECG] |
| 224.180 | 222.580 | 103.5 | W7EAT | Graham [District 5 ARES] |
| 224.360 | 222.760 | 103.5 | K7LWH | Kirkland [Lake Washington Ham Club] |
| 224.420 | 222.820 | 88.5 | WA6PMX | Bainbridge Island |
| 224.460 | 222.860 | 103.5 | NT7H | Crawford Mtn [Olympia ARS] |
| 224.480 | 222.880 | 103.5 | N7JN | Mt Constitution [San Juan County ARS] |
| 224.680 | 223.080 | 103.5 | WW7MST | Seattle [WWA Medical Services Team] |
| 224.760 | 223.160 | 103.5 | WB7DOB | Baldi Mtn [German Shepherd Search Dog] |

SELECTED PUGET SOUND REPEATERS

| Output | Input | Tone | Call Sign | Location [Group] |
|----------|----------|-------|-----------|---|
| 440.150 | 445.150 | 103.5 | W7MIR | Mercer Island [Mercer Island Radio Operators] |
| 440.200 | 445.200 | 100.0 | K7YLM | Yelm |
| 440.250 | 445.250 | 123.0 | N7ERP | Cougar Mountain |
| 440.450 | 445.450 | 103.5 | WA6PMX | Bainbridge Island |
| 440.725 | 445.725 | 114.8 | AA7MI | Nordland [Marrowstone Island ARC] |
| 440.775 | 445.775 | DMR | WW7PSR | Seattle [Puget Sound Repeater Group] |
| 440.950 | 445.950 | 110.9 | K7DK | Buck Mountain |
| 441.075 | 446.075 | 103.5 | K7LWH | Kirkland [Lake Washington Ham Club] |
| 441.100 | 446.100 | 156.7 | K7BEL | Bellevue |
| 441.400 | 446.400 | 103.5 | NT7H | Crawford Mountain [Olympia ARS] |
| 441.425 | 446.425 | 110.9 | N7KN | Greenbank, Whidbey Island |
| 441.550 | 446.550 | 103.5 | KF7BJI | Cougar Mtn [Sea-Tac Repeater Association] |
| 441.700 | 446.700 | 103.5 | W7PSE | Baldi Mtn [Puget Sound Energy ARG] |
| 441.725 | 446.725 | 103.5 | W7PSE | Anacortes [Puget Sound Energy ARG] |
| 441.750 | 446.750 | 103.5 | W7PSE | Green Mtn [Puget Sound Energy ARG] |
| 441.775 | 446.775 | 103.5 | W7PSE | Rattlesnake Mtn [Puget Sound Energy ARG] |
| 441.800 | 446.800 | 141.3 | W7AW | West Seattle [West Seattle ARC] |
| 441.825 | 446.825 | 103.5 | KE7GFZ | Cougar Mtn |
| 441.875 | 446.875 | 103.5 | WC7T | Haystack Mtn (Sultan) |
| 442.000 | 447.000 | 141.3 | NE7MC | Kenmore [NEMCo] |
| 442.425 | 447.425 | 103.5 | W7PSE | Port Townsend [Puget Sound Energy ARG] |
| 442.825 | 447.825 | 156.7 | W7ECG | Ferndale [Whatcom Emergency Comm. Group] |
| 442.825 | 447.825 | 103.5 | W7AUX | Shoreline [Shoreline ACS] |
| 442.950 | 447.950 | 103.5 | WA7FW | Federal Way [Federal Way ARC] |
| 443.100 | 448.100 | 103.5 | WA7ST | SeaTac [Highline ARC] |
| 443.250 | 448.250 | 103.5 | KE7GFZ | Duval [Snoqualmie Valley ARC] |
| 443.325 | 448.325 | 103.5 | N9VW | Cougar Mountain |
| 443.450 | 448.450 | 131.8 | N7JN | San Juan Island [San Juan County ARS] |
| 443.500 | 448.500 | 103.5 | W7VMI | Vashon Island [Vashon-Maury Island RC] |
| 443.550 | 448.550 | 103.5 | WW7MST | Seattle [WWA Medical Services Team] |
| 443.600 | 448.600 | 103.5 | K7FDF | Renton [Renton Emergency Comm. Service] |
| 443.725 | 448.725 | 103.5 | WA7DEM | Mountlake Terrace [Snohomish Co. ACS/ARES] |
| 443.925 | 448.925 | 100.0 | W7FLY | Lynnwood [BEARONS] |
| 444.050 | 449.050 | 103.5 | K7SKW | Mt Constitution [Mt Baker ARC Rptr Group] |
| 444.075 | 449.075 | 103.5 | KC7Z | Bremerton [Kitsap County ARC] |
| 444.125 | 449.125 | 103.5 | W7SKY | Sultan [Sky Valley ARC] |
| 444.250 | 449.250 | 103.5 | W7PSE | Electron [Puget Sound Energy ARG] |
| 444.350 | 449.350 | 100.0 | K7OET | Cultus Mountain, Skagit County |
| 444.375 | 449.375 | 88.5 | AJ7JA | Seattle [Seattle Int'l. Japanese ARC] |
| 444.475 | 449.475 | 103.5 | W7NPC | Bainbridge Island [Bainbridge Island ARC] |
| 444.500 | 449.500 | 103.5 | WA7ZUS | Lyman Mtn |
| 444.525 | 449.525 | 103.5 | N7KGJ | Squak Mtn ["Fire Repeater"] |
| 444.550 | 449.550 | 141.3 | W7ACS | Columbia Center, Seattle |
| 444.575 | 449.575 | 103.5 | WA7LAW | Everett [Snohomish County Hams Club] |
| 444.900 | 449.900 | 131.8 | K6MBY | Sequim |
| 444.950 | 449.950 | 118.8 | N7UJK | Capitol Peak [BeachNet Repeater System] |
| 927.488 | 902.488 | 114.8 | N6MN | Blaine [5 County Emergency Comm Group] |
| 927.638 | 902.638 | 114.8 | W7AUX | Shoreline [Shoreline ACS] |
| 1251.650 | 1251.650 | | NR7SS | Everett [Snohomish Co. ACS/ARES] |
| 1290.100 | 1270.100 | | WA7FW | Federal Way [Federal Way ARC] |
| 1292.200 | 1272.200 | 103.5 | KB7CNN | Tiger Mountain East |

| Date/Time | City | Exam Location |
|----------------------------------|-------------|--|
| 2nd Tuesday 7pm | Tacoma | 1249 S Washington St |
| 2nd Saturday 11am | Shelton | Mason Co. DEM, 100 W Public Works Drive |
| 2nd Saturday 11:30am | Redmond | List at: ham.study/sessions/ae7td/inperson |
| 3rd Mon 7pm, odd # months | Stanwood | Cedarhome Baptist, 29000 68th Ave NW |
| 3rd Tues 6:30pm, even # months | Anacortes | Fire Station, 1016 13th St at Commercial |
| 3rd Wednesday 4:30pm | Olympia | Tugboat Annie's, 2100 West Bay Drive NW |
| 3rd Thursday 6:30pm (exc. Dec) | Everett | Snohomish Co. DEM, 720 80th St SW |
| 3rd Sat 12:30pm | Kent | Kent Senior Center, 600 E Smith St |
| 4th Sat 9am, odd # months | Poulsbo | Poulsbo Fire #71, 911 NE Liberty Rd |
| 4th Sat 10:30am (except Dec) | Snohomish | First Presbyterian, 1306 Lake View Ave |
| Various (multiple times monthly) | Online/Zoom | List at: ham.study/sessions/ae7td/online |

NOTE: Most exam sessions currently require advance reservation. Please make contact well ahead of scheduled session.

**For up-to-date information on license classes and exam opportunities, please see the Mike & Key web site.
www.mikeandkey.org/vesessions.php**

****ATTENTION****

Ham Radio Clubs & Entrepreneurs - Your Ad Could Be Here!

Are you looking for a place to advertise your club or business? A place where people will see and respond to your ad, where people will associate you in a positive way with things they love to do, and where you'll be visible for the greatest length of time for the least possible cost?

For over 20 years, the Mike & Key Amateur Radio Club has published its annual ***Amateur Radio Events and Information Guide***. This free publication starts distribution in March of each year. Now it is also distributed online via PDF download. You can be a part of it.

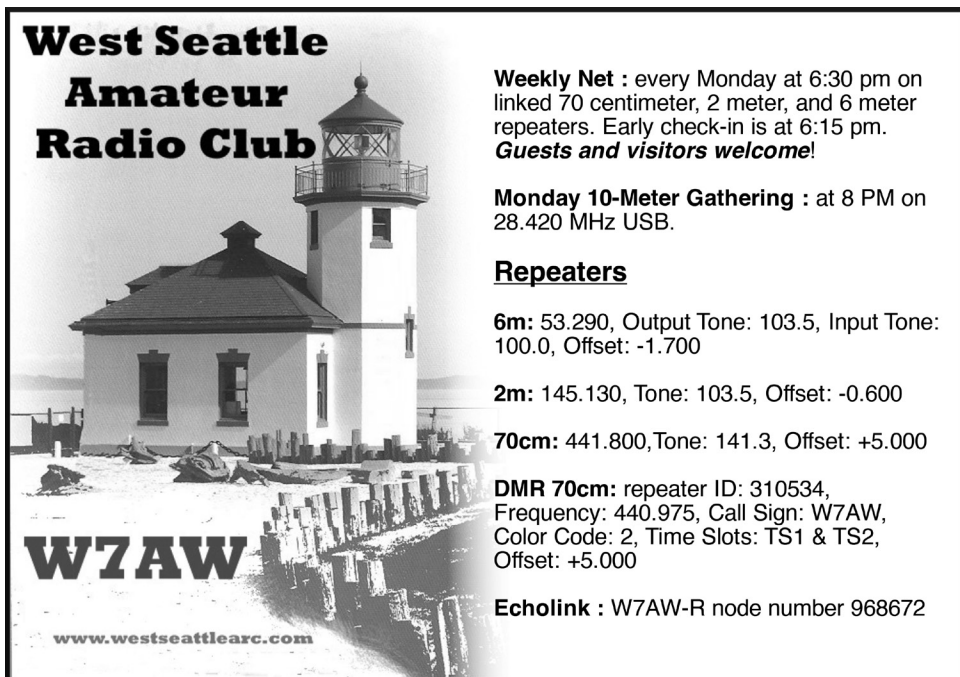
To be included in next years publication please contact the Mike & Key Public Service Committee. Or e-mail info@mikeandkey.org

RADIO EXAMS

| Contact | Call Sign | Phone | Email Address or Web Page |
|---------|-----------|--------------|---|
| John | AC7WW | 253-948-6297 | ac7ww@w7dk.org |
| Dave | N7HT | 253-363-1692 | dbbrooks@hotmail.com |
| David | AE7TD | 425-898-9721 | dwickert@hotmail.com w7pig@arrl.net |
| Robert | NX7Q | 360-202-9283 | nx7q@frontier.com |
| Klaus | AC7MG | 360-280-2428 | http://oars-ve.duckdns.org/ |
| Richard | W7RMH | 425-948-6740 | w7rmh1@gmail.com |
| Scott | AG7T | 425-788-0452 | https://ham.study/sessions/AG7T AG7T@arrl.net |
| Tim | AF7RV | 360-362-6161 | ve@kcarc.org |
| Randy | AJ7B | 425-239-8611 | Treasurer@wa7law.org |
| David | AE7TD | 425-898-9721 | dwickert@hotmail.com |

**Information on license classes and exams can also
be found at the ARRL.**

**www.arrl.org/find-an-amateur-radio-license-class
www.arrl.org/find-an-amateur-radio-license-exam-session**



**West Seattle
Amateur
Radio Club**

W7AW

www.westseattlearc.com

Weekly Net : every Monday at 6:30 pm on linked 70 centimeter, 2 meter, and 6 meter repeaters. Early check-in is at 6:15 pm.
Guests and visitors welcome!

Monday 10-Meter Gathering : at 8 PM on 28.420 MHz USB.

Repeater

6m: 53.290, Output Tone: 103.5, Input Tone: 100.0, Offset: -1.700

2m: 145.130, Tone: 103.5, Offset: -0.600

70cm: 441.800, Tone: 141.3, Offset: +5.000

DMR 70cm: repeater ID: 310534, Frequency: 440.975, Call Sign: W7AW, Color Code: 2, Time Slots: TS1 & TS2, Offset: +5.000

Echolink : W7AW-R node number 968672

| 2024 Public Service Events | | | | | | |
|----------------------------|-------------------------------------|------------------------------|---------|--------|--------------|------------------------|
| Date | Event Name | Location | Contact | Call | Phone | Email |
| Mar 1-3 | Special Olympics WA Winter Games | Wenatchee | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Mar 10 | Wild West Rally | SW WA - Brooklyn, Raymond | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Apr 20-21 | Olympus Road Rally | SW Washington | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Apr 21 | Walk MS - Seattle | Gasworks Park, Seattle | Dan | KC7UVK | 360-631-2613 | danggood55@gmail.com |
| Apr 21 | Whidbey Island Marathon | Oak Harbor | Bob | AF9W | 520-576-3087 | af9w@w7avm.org |
| Apr 27 | Walk MS - Everett | Port of Everett | Dan | KC7UVK | 360-631-2613 | danggood55@gmail.com |
| May 4 | ADA Tour de Cure Ride | Marymoor Park & Eastside | Mike | K7MHL | 206-605-7769 | mlaposa@msn.com |
| May 17-19 | Oregon Trail Road Rally | Portland - Columbia Gorge | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| May 18-19 | Capital City Marathon | Olympia | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Jun 1 | Flying Wheels Century Ride | Marymoor Park, Redmond | Alan | KD7KUS | 425-681-6754 | jones83alan@gmail.com |
| Jun 7-9 | Special Olympics WA Spring Games | Parkland & Federal Way | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Jun 9 | Big Backyard 5K Run | Marymoor Park, Redmond | Alan | KD7KUS | 425-681-6754 | jones83alan@gmail.com |
| Jun 22-23 "CQ Field Day" | | | | | | |
| Jun 22 | Seattle Marathon Summer Event | Seward Park, Seattle | Franz | N3HFS | 717-379-0892 | n3hfs@yahoo.com |
| Jul 4 | Amazon Seafair Summer Fourth | Gasworks Park & Lake Union | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Jul 4 | Bellevue Family 4th | Downtown Park, Bellevue | David | WA7DY | 425-445-2792 | wa7dy@arrl.net |
| Jul 6 | Rotary Auction, Woodward School | Bainbridge Island | Dana | KC7SDD | 206-842-9076 | Dana@thesalesgroup.com |
| Jul 19-20 | Cascade Crest 100 Trail Race | Easton | Bob | A17CS | 303-264-9566 | ai7cs@protonmail.com |
| Jul 20 | Gravel Unravel Why-Not-Chee Bk Ride | Wynoochee Lake, Olympic Pen. | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Jul 21 | Seafair Triathlon | Seward Park | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |

| | | | | | | |
|-----------|---------------------------------------|-----------------------------|--------|--------|--------------|-------------------------------------|
| Jul 25 | RAMROD Bike Ride | Enumclaw - Mt. Rainier | Matt | AE7MK | 509-860-8233 | matthew@kozmafamilly.net |
| Jul 27 | Fat Salmon Swim | Madison Park, Lk Washington | Franz | N3HFS | 717-379-0892 | n3hfs@yahoo.com |
| Jul 27 | Seafair Torchlight Parade (EMGWA) | Downtown Seattle | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Jul 27 | Seafair Torchlight Parade (Marshals) | Downtown Seattle | Gene | N7QLT | | hamsignup@seafairparademarshals.org |
| Aug 2-4 | Seafair Weekend Festival | Genesee Park, Seattle | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Aug 3 | Lake Tye Triathlon | Monroe | Erik | K7QOG | 206-979-7847 | erik.robins@gmail.com |
| Aug 9-13 | Bigfoot 200 & 40M/20M Trail Runs | Mt. St. Helens - Randle | Robert | KD7WNV | 206-799-8244 | kd7wnv@arrl.net |
| Aug 10 | Obliteride (Fred Hutch bike ride) | Seattle & mid-Puget Sound | Korryn | | 509-531-2835 | oblivolunteer@fredhutch.org |
| Aug 17 | Tour de Whidbey | Coupeville | Bob | AF9W | 520-576-3087 | af9w@w7avm.org |
| Aug 24-25 | Ride Seattle-Vancouver & Party (RSVP) | U. Washington - Bellingham | Alan | KD7KUS | 425-681-6754 | jones83alan@gmail.com |
| Sep 7-8 | Bike MS - Deception Pass Classic | Mount Vernon | Dan | KC7UVK | 360-631-2613 | danggood55@gmail.com |
| Sep 13-15 | Plain 100 Trail Run | Plain, WA | Scott | N7SS | 425-330-5439 | n7ss@arrl.net |
| Sep 21-22 | Teaway Country 100 Trail Race | Salmon La Sac | Bob | A17CS | 303-264-9566 | ai7cs@protonmail.com |
| Sep 28 | ALA Reach The Beach Bike Ride | Olympia - Westport | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Oct 5 | Tour de Forest Rally | Montesano | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Nov 15-17 | Special Olympics WA Fall Games | Tri-Cities | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Nov 22-23 | Scout Night Hike | Camp Thunderbird, Olympia | Bruce | WA7BAM | 360-259-9300 | mont7881@yahoo.com |
| Dec 1 | Seattle Marathon | Seattle Center | Franz | N3HFS | 717-379-0892 | n3hfs@yahoo.com |
| Dec 8 | Seafair Holiday Cruise | Seattle | Lisa | W7LKT | 253-666-8340 | arc-admin@wa7emg.org |
| Feb 23 | (2025) Chilly Hilly Bike Ride | Bainbridge Island | Dana | KC7SDD | 206-842-9076 | Dana@thesalesgroup.com |

All information is believed to be correct as of press time. For up-to-date information please see the Mike & Key Website. www.mikeandkey.org

2024 NW HAMFESTS

| Date | Event and Location |
|----------------|--|
| Feb 17 | Salem Hamfair - Polk County Fairgrounds, Rickreall, OR |
| Mar 9 | Mike & Key ARC Electronics Show & Swap Meet - Puyallup, WA |
| Mar 17 | CVRS Antique Radio Swap Meet - Charles Rummel Park, Burnaby, BC |
| Apr 12-14 | International DX Convention - Visalia Convention Center, Visalia, CA |
| Apr 13 | N7YRC Tailgate Swapmeet - Yakima Valley Emerg Mgmt, Union Gap, WA |
| Apr 20 | Kamiah Hamfest - American Legion Hall, 618 Main St, Kamiah, ID |
| Apr 21 | Comox Ham Swap & Flea Mkt – Comm. Hall, 1245 Fenwick Rd, Merville, BC |
| May 4 | Maple Ridge ARC Swap Meet – 12460 Harris Rd, Pitt Meadows, BC |
| May 4 | Star Ham Radio Swapmeet - Star, ID |
| May 4 | Spout Springs Repeater Association Swapmeet - 9:00 AM |
| May 11 | Stanwood-Camano ARC Hamfest - Stanwood Middle School, Stanwood, WA |
| May 11 | SWIARC 2024 Spring HamFest - Peace Valley Charter School, Boise, ID |
| May 31 - Jun 2 | SEA-PAC Hamfest & ARRL NW Divison Convention - Seaside, OR |
| Jun 7-9 | Wenatchee Hamfest - Apple City ARC - Dryden Gun Club, Dryden, WA |
| Jun 8 | Inland Empire VHF Radio Amateurs - Plante's Ferry Spts Complex, Spokane |
| Jun 10 | Port Ludlow ARC Annual Tailgater Swap Meet - Port Ludlow, WA |
| Jul 11-15 | Salmoncon (PNW QRP Group outing) - Valley Camp, North Bend, WA |
| Jul 13 | Coos County Radio Club Hamfest - 87450 Batson Ln, Bandon, OR |
| Jul 19-21 | Glacier Waterton Intl Peace Park Hamfest - Glacier Meadow RV Park, MT |
| Jul 20 | Chehalis Valley ARS Tailgate Swap Meet - SW WA Fairgrounds, Chehalis |
| Aug 3 | ARRL Idaho State Convention - Franks Field, 2130 N Myer Rd, Post Falls, ID |
| Aug 9-11 | Pacific Northwest DX Convention - Delta Hotel by Marriott, Everett |
| Aug 17 | Mini-Cassia ARC Tailgate Swapmeet - Minedoka Co. Fairgrounds, Rupert, ID |
| Aug 18 ? | Antique Radio & Vintage Electronics Market - Shoreline CC, Shoreline, WA |
| Sep / Oct ? | High Desert Ham Fest - Deschutes County Fairgrounds, Redmond, OR |
| Sep 13-15 | NW-APRS/Digital Summer Gathering - Valley Camp, North Bend, WA |
| Oct ? | Walla Walla Valley ARC Annual Tailgate Swapmeet |
| Oct 3-5 | Pacific NW VHF Conference & Microwave Update - Vancouver, WA |
| Oct 12 ? | Kitsap County Hamfest - Bremerton, WA |
| Oct 13 ? | ComFest Swap Meet - Tsawwassen, BC |
| Oct 18-20 | Jamboree On The Air (JOTA) |
| Oct 18-20 | PACIFICON: ARRL Pacific Division Ham Radio Convention - San Ramon, CA |
| Oct 19 ? | Swaptoberfest (Mid Valley ARES) - Polk County Fairgrounds, Rickreall, OR |
| Feb 15, 2025 ? | 2025 Salem Hamfair - Polk County Fairgrounds, Rickreall, OR |
| Mar 8, 2025 | 2025 Mike & Key ARC Electronics Show & Swap Meet - Puyallup, WA |

Listings sourced from PNW Hamfair webpage at <http://www.n7cfo.com/amradio/hf/hf.htm>

& CONFERENCES

Website or Contact

www.w7sra.com

www.mikeandkey.org/flea.php

<https://canadianvintageradio.com/contact/>

www.dxconvention.org

kc7vqr@arrl.net

www.3riversarc.club

www.comoxvalleyamateurradio.ca/swap-meet

mrarc.net/swap-meet

www.starhamradio.com

Confluent Nonprofit Makerspace, 285 Williams Blvd, Richland, WA

www.scarcwa.org/ham_fest.shtm

www.dosomethingradio.com

www.seapac.org/

www.applecityarc.com/events

www.n7cfo.com/amradio/hf/IEVHF.pdf

www.n7pl.org/

sites.google.com/site/pnwqrpgroup/salmoncon

www.coosradioclub.net

www.gwhamfest.org

www.cvars.org

<https://k7id.org>

pacificwdxconvention.com

www.minicassia.club

www.pugetsoundantiqueradio.com

www.hidarg.org (contact: kf7max@arrl.net)

<https://wa7vc.org/summergathering>

W7DP Clubhouse, 1504 Justice Ave, College Place, WA

www.pnwvhfs.org & www.microwaveupdate.org

<https://kcarc.org/hamfest/>

https://deltaamateurradio.com/wp/?page_id=94

www.arrl.org/jamboree-on-the-air-jota

www.pacificon.org

www.swaptoberfest.net

www.w7sra.com

www.mikeandkey.org/flea.php

Listings sourced from PNW Hamfair webpage at <http://www.n7cfo.com/amradio/hf/hf.htm>

FIELD DAY

Field Day has the highest participation of any US amateur radio event. It means different things to different hams: an emergency communication exercise, a contest, a campout, a time for experimentation, or just a chance to get together with friends. It is one of the most anticipated events of the year. The mere mention of the event starts seasoned amateurs thinking towards the gathering of hams facing fun challenges, as well as a chance to polish up skills needed in the event of an emergency.

Regardless of the shelter, all will need the necessary wires and/or antenna arrays needed to make as many contacts as possible during the event's 24-hour period. Of course, all of the necessities for sustenance are a must for a well-stocked operation. There will probably even be sleeping bags and some sort of heat to make the long night of operation more tolerable.



For the non-ham friend or family member, this outing presents a time of fun, exploration of the surrounding areas, or just a great time to relax, reading, doing crafts, or sitting by a campfire.

We encourage the curious to come to Ft. Flagler State Park and experience the Mike & Key Club's Field Day operation. If you are energetic, come out on Friday to participate in setup and an evening potluck. Make your reservations at Fort Flagler, or become a member the Club in order to participate in our group camp at the Wagon Wheel. In the group camp you can use an RV, tent, canopy, or even the back of your vehicle. So be there Saturday morning when the fun begins with **"CQ Field Day, from K7LED"**.



Field Day 2024 is June 22-23. Come out and join us!

EMERGENCY

| Area | Organization Name |
|----------------------------|---|
| CLALLAM COUNTY | Clallam County ARES/RACES (CCARES) |
| GRAYS HARBOR COUNTY | Grays Harbor Auxiliary Emergency Communications |
| ISLAND COUNTY | Island County Amateur Radio Club (ARES-RACES) |
| Camano Island | Camano Preparedness Group |
| JEFFERSON COUNTY | Jefferson County VECOM/ARES/RACES |
| KING COUNTY | King County ARES/RACES |
| Auburn | Auburn Area Emergency Communications Team (AAECT) |
| Bellevue | Bellevue Communications Support |
| Bothell | Bothell Emergency Radio Communications |
| Eastside (various cities) | Eastside Fire Corps (serving Eastside Fire & Rescue) |
| Federal Way | Federal Way ARC Emergency Communications Response Team (ECRT) |
| Issaquah | Issaquah Citizen Corps |
| Kenmore & Lake Forest Park | Northshore Emergency Management Coalition (NEMCo) RACES |
| Kent | Communications Support Team for Puget Sound Fire |
| Kirkland | Kirkland Emergency Communications Team (KECT) |
| Maple Valley | Maple Valley ARES |
| Mercer Island | Mercer Island Radio Operators |
| North Bend | North Bend ARES Team |
| Redmond | Redmond ARES |
| Renton | Renton Emergency Communications Service |
| SeaTac | SeaTac Amateur Radio (STAR) |
| Seattle | Seattle Auxiliary Communications Service |
| Shoreline | Shoreline Auxiliary Communications Service |
| Tukwila | Tukwila Emergency Communication Team (TECTeam) |
| Vashon Island | Vashon-Maury Island Radio Club (VMIRC) - ARES |
| KITSAP COUNTY | Kitsap Auxiliary Radio Service (KARS) |
| MASON COUNTY | Mason County ARES |
| | Mason County Communications Support Team (CST) |
| | North Mason Amateur Radio Emergency Service Club |
| PIERCE COUNTY | Pierce County ARES/RACES |
| SKAGIT COUNTY | Skagit County ARES/RACES |
| | Skagit Amateur Radio Emergency Communications Club |
| SNOHOMISH COUNTY | Snohomish County ACS/ARES |
| Everett | Everett Auxiliary Communications Service |
| THURSTON COUNTY | Thurston County ARES |
| WHATCOM COUNTY | Whatcom County ARES |
| | Whatcom Emergency Communications Group |
| Blaine | Blaine Auxiliary Communications Service |
| Chuckanut | Chuckanut Auxiliary Communications Service |
| Ferndale | Ferndale Auxiliary Communications Service |
| WWA SECTION | ARRL WWA Section |
| | Communications Academy (archives) |
| | Western WA Medical Services Communications Team |
| WASHINGTON STATEWIDE | Washington State Amateur Emergency Communications |
| | State of Washington Emergency Management Division |
| | American Red Cross |
| NATIONAL | Amateur Radio Emergency Service (ARES) |
| | Radio Amateur Civil Emergency Service (RACES) |

PREPAREDNESS

Website / Email

clallamares.org (email: monkeyr3@yahoo.com)

www.graysharbor.us/departments/emergency_management/volunteers1.php

www.w7avm.org/Public-Service

www.camanopreparednessgroup.org

<https://jeffersoncountyaes.wordpress.com/> (email: ah6ez01@gmail.com)

www.aresofkingcounty.org

www.auburnwa.gov/city_hall/emergency_preparedness/volunteer

<https://bellevuewa.gov/city-government/departments/fire> ¶

↳ /emergency-management/classes-and-volunteering

www.bothellwa.gov/1715/Ham-Radio-Team

eastsidefirecorps.org (also: www.eastsidefire-rescue.org)

www.fwarc.org/ECRT

issaquahcitizencorps.org

www.northshoreemc.com/nemco-races

pugetsoundfire.org/emergency-management/communications-support-team-ham-radio

www.kirklandwa.gov/Government/Departments/Fire-Department ¶

↳ /Office-of-Emergency-Management/Get-Involved/KECT

www.kc7key.org/ares

miro.cmivolunteers.org

www.facebook.com/profile.php?id=100066502736836

redmond-ares.org

www.rentonecs.net (email: membership@rentonecs.net)

www.facebook.com/profile.php?id=100069751105606 (email: K7JGM@ARRL.net)

seattleacs.org (email: join@seattleacs.org)

www.facebook.com/shorelineacs (email: Shorelineacs@gmail.com)

www.TukwilaRadioClub.org

www.w7vmi.org/doku.php?id=emergencyprep

www.kitsapdem.com/programs/kars/

mc-arc.org/service/ares/

<https://masoncountywa.gov/forms/dem/communications-unit.pdf>

nmaresc.wordpress.com/ares/

piercecounyaes.net (email: DEC@piercecounyaes.net)

<https://rasconline.net/ares/>

<https://sarecc.org/>

www.wa7dem.info

email: jfludden@hotmail.com

www.wa7oly.org

www.facebook.com/whatcomares

<https://wecg.org/wordpress/>

www.ci.blaine.wa.us/230/Auxiliary-Communications-Service

roadrunner110.wixsite.com/chuckanutacs

www.facebook.com/ferndaleacs (email: FerndaleACS@cityofferndale.org)

www.wwa.arrlnwdiv.org (also: www.arrl.org/Groups/view/western-washington)

commacademy.org

www.wv7mst.org

www.wastateares.org

mil.wa.gov/emergency-management-division

www.redcross.org/local/washington

www.arrl.org/ares

www.qsl.net/races

| Club Name | Meeting Location |
|--------------------------------------|--|
| BEARONS (Boeing Empl. North Society) | Boeing Rec Center, 6400 36th Ave W, Everett |
| Boeing Employees ARS (BEARS) | Museum of Flight, 9404 E Marginal Way S, Seattle |
| Cascade Radio Club | PUD Auditorium, 2320 California Ave, Everett |
| Chehalis Valley ARS | 1209 Scheuber Road North, Centralia |
| Clallam County ARC | Fire Department, 5th & Laurel St., Port Angeles |
| Edmonds Woodway ARC | Senior Center, 23000 Lakeview Drive, Mountlake Terrace |
| Federal Way ARC | FW PS Support Svcs Ctr, 1211 S 332nd St, Federal Way |
| Grays Harbor Amateur Radio Group | [virtual only - see website] |
| Greater Kingston Radio Club | Tech Room, Village Green, Kingston |
| Highline ARC | Burien Fire Station 28, 900 SW 146th St, Burien |
| Island County ARC | Island Co. Commissioner's Hearing Room, Coupeville |
| Issaquah ARC | Issaquah Eagles Club #3054, 175 Front St N, Issaquah |
| Jefferson County ARC | Cape George Fire Hall, 3850 Cape George Rd, Pt Townsend |
| Kitsap County ARC | |
| Lake Washington Ham Club | [virtual only - see website] |
| Maple Valley ARC | Fire Station 81, 22225 SE 231st St, Maple Valley |
| Mason County ARC | Mason County DEM, 100 W Public Works Dr, Shelton |
| MicroHams | Redmond (see website) |
| Mike & Key ARC | Salvation Army Center, 720 S Tobin St, Renton |
| Mount Baker ARC | Church Road Fire Station, 6081 Church Rd, Ferndale |
| North Mason ARES Club | N Mason Tmbrlnd Library, 23081 NE State Rte 3, Belfair |
| Olympia ARS (OARS) | Tugboat Annie's, 2100 West Bay Drive NW, Olympia |
| Pacific County ARC | Hunter's Inn Restaurant, 1060 SR-4, Naselle |
| Pacific NW QRP Group | Bob's Burgers & Brew, 1611 SE Everett Mall Way, Everett |
| Pacific NW VHF Society | Poodle Dog Restaurant, 1522 54th Ave E, Fife, WA |
| Puget Sound Antique Radio Assoc. | Cedar Valley Grange, 20526 52nd Ave W, Lynnwood |
| Puget Sound Repeater Group | |
| Radio Amateurs of Skagit County | Skagit PUD, 1415 Freeway Drive, Mount Vernon |
| Radio Club of Redmond | Lk Wash Schl District Res Ctr, 16250 NE 74th St, Redmond |
| Radio Club of Tacoma | Clubhouse, 1249 South Washington Street, Tacoma |
| San Juan County ARS | [virtual only - see website] |
| Skagit Am. Radio Emerg. Comm. Club | Salvation Army, 3001 R Ave, Suite 100, Anacortes |
| Sky Valley Amateur Radio Club | Monroe YMCA, 14033 Fryelands Blvd, Monroe |
| SnoCoHams | Buzz Inn Steakhouse, 5200 172nd St NE, Arlington |
| Snohomish County Hams Club | First Presbyterian Church, 1306 Lake View Ave, Snohomish |
| Snoqualmie Valley ARC | Duvall Fire Station #66, 15600 First Ave NE, Duvall |
| Stanwood-Camano ARC | Stanwood / Camano Is. [varies by month - see website] |
| Vashon-Maury Island Radio Club | Sporties Eatery, 17611 Vashon Highway, Vashon Island |
| W. Wash. Amateur TV Society | |
| West Seattle ARC | Salvation Army White Center, 9050 16th Ave SW, Seattle |
| West Sound ARC | [see website] |
| Western Washington DX Club | [virtual only - see website] |
| Yelm Amateur Radio Group | Emanuel Lutheran Church, 206 3rd St SE, Yelm |

CONTACTS

| When | Web Page |
|--|---|
| 3rd Saturday 10am | https://w7flybearons.org |
| 1st Saturday 8:30am (except Jul-Aug) | https://sites.google.com/site/k7nwsbears |
| 3rd Wednesday 7pm (except Dec) | www.cascaderadioclub.org |
| 1st Wednesday 7pm | www.cvars.org |
| 2nd Wednesday 7pm | www.olyham.net |
| 2nd Thursday 7pm | edwaynet.com |
| 2nd Thursday 7pm | www.fwarc.org |
| 1st Thursday 7pm | www.gharc.net/ |
| 1st Thursday 7pm | https://groups.io/g/gkrc |
| 4th Saturday 10am (except June) | www.highlinearc.org |
| 4th Saturday 9:30am (except Jun, Nov, Dec) | www.w7avm.org |
| 1st Wednesday 7pm | www.w7bi.com |
| 1st Wednesday 7:30pm | w7jcr.wordpress.com |
| 3rd Saturday | www.kcarc.org |
| 2nd Saturday 9:30am | www.lakewashingtonhamclub.org |
| 4th Saturday 10am (exc. Jul-Aug, Nov-Dec) | www.kc7key.org |
| 2nd Saturday 9am | www.mc-arc.org |
| | www.microhams.com |
| 3rd Saturday 10am | www.mikeandkey.org |
| 2nd Tuesday 7pm | https://mbarc.groups.io/g/main/ |
| 4th Thursday 7pm (may vary) | nmaresc.wordpress.com |
| 3rd Wednesday 7pm | www.olyham.org |
| 2nd Saturday 9am | www.qsl.net/w7rdr |
| Last Wednesday, 6:30pm | https://sites.google.com/site/pnwqrpgroup/ |
| [see website] | www.pnwvhfs.org |
| 3rd Sunday 11:30 am (2nd Sun Jun & Dec) | www.pugetsoundantiqueradio.com |
| | www.psrq.org |
| 2nd Friday 7pm | https://rasconline.net/ |
| 3rd Saturday 8am (exc. 2nd Sat Sep) | http://radioredmond.com |
| 2nd Wednesday 7pm | www.w7dk.org |
| 2nd Friday, 11:30am | https://sjcars.wordpress.com/ |
| 1st Monday, 6pm | https://sarecc.org/ |
| 3rd Saturday 9am | www.w7sky.org |
| 2nd Saturday 9am | www.snocohams.net |
| 4th Saturday 9am (exc. Jun & Dec) | www.wa7law.com |
| 1st Thursday 6:30pm | www.snovarc.org |
| 3rd Thursday 7pm | www.scarcwa.org |
| Saturdays 9am (weekly breakfast) | www.w7vmi.org |
| | www.qsl.net/ww7ats |
| 3rd Saturday 9:30am | w7aw.org |
| [see website] | www.n7ig.org |
| 2nd Tuesday 6:30pm | www.wwdx.org |
| 1st & 3rd Saturdays 9:30am | yelmamateurradiogroup.org |

YAGI URBAN BEAM

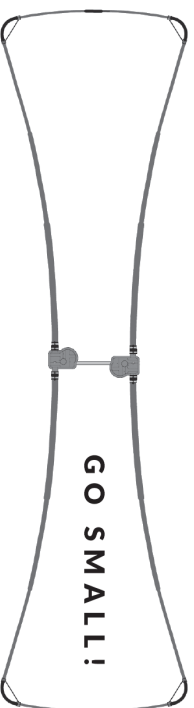


SMALL FOOTPRINT BIG DELIVERY

The UrbanBeam is excellent for use in high density population areas or properties with small lot sizes, where a full-sized Yagi may not be an option. The distinctive shape and small footprint (15.5 sq ft turning radius) of the UrbanBeam helps make neighbors and spouses happier, while still delivering the exceptional results you would expect of a SteppIR Yagi. The UrbanBeam is a high-performance, two element Yagi on 20m-6m and folded dipole on 40-30m. With features such as 180 degree direction change, bi-directional mode and full element retraction for stormy weather. You can enjoy all the features of a SteppIR Yagi while chasing low-sunspot-cycle DX or rag-chewing with your friends!



www.steppir.com 425-453-1910



73-Ham lingo for Best Regards.

APRS-Automated Positioning and Reporting System.

ARC/ARS/ARA-Amateur Radio Club/Society/Association.

ARES-Amateur Radio Emergency Service.

ARRL-The American Radio Relay League. The Amateur's representative and promotional organization.

ATV-Amateur Television (fast scan) A method of exchanging moving pictures over radio waves.

Direction Finding (DF-ing)-A competitive ham radio activity in which ham radio operators track down a transmitted signal.

CW-Continuous Wave, another name for Morse code telegraphy.

DX-Distant contact or rare foreign country.

EME- Earth-Moon-Earth Communication (Moonbounce).

Elmer-An amateur who enjoys helping new hams get started on a one-to-one basis.

Field Day-A popular Amateur Radio activity during which hams set up radio stations outdoors and away from electrical service to simulate the aftermath of a disaster. Field Day takes place the fourth full weekend in June.

HF (High Frequencies)-Radio frequencies from 3 to 30 MHz.

MARS-Military Affiliate Radio System.

MFSK-an easy-to-use chat mode for real-time amateur contacts, nets and bulletin transmissions. It performs well on long-path fading conditions and in the presence of interference.

Net-An on-the-air meeting at a particular time, day, and radio frequency.

OSCAR-Orbiting Satellite Carrying Amateur Radio.

Packet Radio-A system of digital communications whereby information is broken into short bursts.

Public Service-Activities that Hams perform to benefit their communities.

PSK31-"Phase Shift Keying, 31 Baud" a form of modulation that offers a new and higher level of performance in conversational communications.

Q Signals-International abbreviations, such as "QRP", used mainly by CW operators to shorten communications.

QRP-Low power operation.

RACES-Radio Amateur Civil Emergency Services.

Repeater-A two-way radio set that listens on one frequency, then re-transmits what it hears on another.

RTTY-Radio Teletype.

SSTV-Slow Scan TV. A method of exchanging still pictures over radio waves.

Traffic Net-An on the air meeting of amateurs for the purpose of relaying written messages.

Transceiver-A radio transmitter and receiver in one unit.

UHF (Ultra High Frequencies)-Radio frequencies from 300 to 3000 MHz.

VE (Volunteer Examiner)-An amateur who volunteers to conduct amateur radio examinations.

VHF (Very High Frequencies)-Radio frequencies from 30 to 300 MHz.

The Mike & Key Amateur Radio Club

Invites you to our regularly scheduled club meeting on the third Saturday of each month at 10 am.

See website for current location

The Mike & Key Amateur Radio Club, a 501(c)(3) organization, is a full-service amateur radio club, not a repeater club. We appreciate our members' full participation in our committees, events, and club meetings.

To show your support for this publication and our repeater, visit our Electronic Swap Meet. It's every March at the Puyallup Fairgrounds

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