

# 2023

Free

## Amateur Radio Special Events & Information Guide

### PUGET SOUND (AND SURROUNDING AREA)



## K7LED

146.82 MHz & 224.12 MHz  
[info@mikeandkey.org](mailto:info@mikeandkey.org)  
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# 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.

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# 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	28.330	(HF SSB)	Kitsap Auxiliary Radio Service HF Net (alt. 28.335)
	1900	147.240	K7SYE	Auburn Area Emergency Communications Team
	1900	441.875	WC7T	Cascade Radio Club
	1900	440.250	N7ERP	Eastside Fire & Rescue ARC
	1900	145.390	W7EOC	Grays Harbor Co. Aux. Emerg. Comm. (& BeachNet rpters.)
	1900	145.630	(simplex)	Island County ARC Packet & Peer-to-Peer Winlink
	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
	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 Auxil. RS (also 224.42, 442.2, 440.45, 444.475)
	1930	146.720	N7SK	Mason County Amateur Radio Club
	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 (1st SUN 28.385 MHz SSB)
	1945	28.410	(HF SSB)	Island County ARC HF Net
	2000	145.390	W7EOC	Coastal YL Net (& BeachNet repeaters)
	2000	145.150	W7JCR	Jefferson County ARC Elmers Net
	2000	147.080	WW7STR	King County ARES/RACES
	2000	28.375	(HF SSB)	Radio Club of Tacoma 10-Meter SSB Social Net

# NETS IN THE PUGET SOUND REGION

Day	Time	Freq	Rptr Call	Name / Group / Description
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)
	0930	28.430	(HF SSB)	Chief Seattle Chapter of Ten-Ten International
	1800	441.775	W7PSE	North Bend ARES Team (& linked PSE ARES 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	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	28.055	(HF CW)	Tacoma Area Net relaxed-pace social net (or 21.049)
	1915	147.280	W7DK	Tacoma CERT Radio Team (1st Monday)
	1915	147.470	(simplex)	Tacoma CERT Radio Team (except 1st Monday)
	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	147.260	W7DG	Cowlitz County Auxiliary Communications Service
	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 (and other linked rpters - see pseares.com)
	1900	443.725	WA7DEM	Edmonds Woodway Amateur Radio Club
	1900	147.160	W7ZA	Grays Harbor Amateur Radio Club
	1900	440.950	K7DK	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	441.400	NT7H	Thurston County ARES/RACES (also 147.36 & 224.46)
	1930	444.475	W7NPC	Bainbridge Amateur Hour Net (Bainbridge Island ARC)
	1930	147.140	WB7DOB	Maple Valley ARES & CERT
	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
	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 ARES/RACES (formal net)
	0930	440.725	AA7MI	Marrowstone Island Emergency Prep. Net
	1800	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)
	2000	144.150	(VHF SSB)	Stanwood-Camano 2 Meter SSB Net
	2000	147.080	WW7STR	Western WA Amateur TV Society (also SAT)
	2030	TG 311429	(DMR)	Kitsap County ARC 70 cm DMR Net
THU	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 Check-in Net
	1900	147.340	K6RFK	Bothell Emergency Radio Communications
	1900	147.160	W7MIR	Mercer Island Radio Operators (2nd Thursday only)
	1900	3.5565	(HF CW)	NAQCC PNW QRS (slow CW) 80 Meter Net (PNW80)
	1900	443.600	K7FDF	Renton Emergency Comm. Service (except 1st THU)
	1900	441.825	KE7GFZ	Snoq. Valley ARC Rookie Round Table (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	KC7IYE	Bellevue Communications Support (except 2nd THU)
	2000	28.430	(HF SSB)	Chief Seattle Chapter of Ten-Ten International
	2000	441.825	KE7GFZ	Snoqualmie Valley ARC (except 1st THU)
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](http://www.mikeandkey.org)) and the ARRL Web page ([www.arrl.org](http://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]
146.660	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]
146.740	146.140	103.5	K7SKW	Mt Constitution [Mt. Baker ARC Rptr Group]
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]
147.140	147.740	123.0	WB7DOB	Baldi Mountain
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]
224.360	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]
440.150	445.150	103.5	W7MIR	Mercer Island [Mercer Island Radio Operators]



# SELECTED PUGET SOUND REPEATERS

Output	Input	Tone	Call Sign	Location [Group]
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	KC7IYE	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]
442.200	447.200	103.5	WA6PMX	Poulsbo
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]
443.825	448.825	DMR	W7JCR	Port Townsend [Marrowstone Island ARC]
443.925	448.925	100.0	W7FLY	Lynnwood [BEARONS]
444.050	449.050	103.5	K7SKW	Mt Constitution [Mt Baker ARC Rptr Group]
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 Wednesday 5pm	Tumwater	Alpine Hills Comm. Park - Picnic Shelter
2nd Saturday 11am	Shelton	Mason Co. DEM, 100 W Public Works Drive
2nd Saturday 11:30am	Redmond	List at: <a href="http://ham.study/sessions/ae7td/inperson">ham.study/sessions/ae7td/inperson</a>
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 Sat 12:30pm	Renton	<check <a href="http://www.MikeAndKey.org">www.MikeAndKey.org</a> for location>
4th Wed 6:30pm (except Dec.)	Hoquiam	The Base Station, 315 7th St
4th Sat 9am, odd # months	Bremerton	<contact VE Liaison for details>
4th Sat 10:30am (except Dec)	Everett	Historic Everett Theater, 2911 Colby Ave
Various (6 times monthly)	Online/Zoom	List at: <a href="http://ham.study/sessions/ae7td/online">ham.study/sessions/ae7td/online</a>

**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](http://www.mikeandkey.org/vesessions.php)

## Full Service Electrical Contractors



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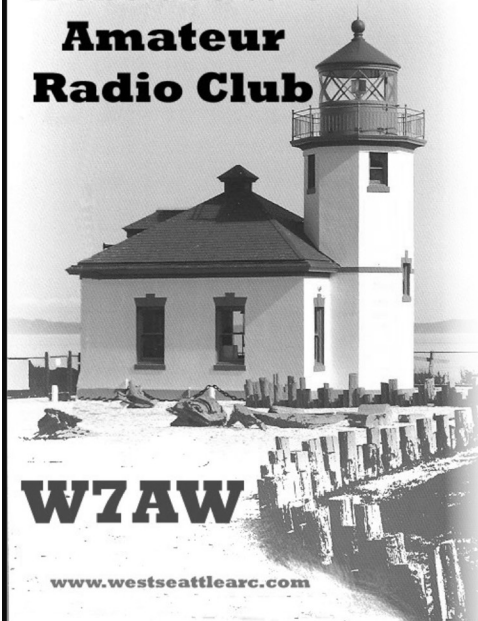
# RADIO EXAMS

Contact	Call Sign	Phone	Email Address or Web Page
John	AC7WW	253-948-6297	ac7ww@w7dk.org
Klaus	AC7MG	360-280-2428	oars-ve@comcast.net
Dave	N7HT	253-363-1692	dbbrooks@hotmail.com
David	AE7TD	425-898-9721	dwickert@hotmail.com
John	K7LVJ	360-757-8091	jr.bellinger@frontier.com
Robert	NX7Q	360-202-9283	nx7q@frontier.com
Scott	AG7T	425-788-0452	<a href="https://ham.study/sessions/AG7T">https://ham.study/sessions/AG7T</a>   AG7T@arri.net
James	AG7SF	360-500-7912	nospam@kymation.com
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.arri.org/find-an-amateur-radio-license-class](http://www.arri.org/find-an-amateur-radio-license-class)  
[www.arri.org/find-an-amateur-radio-license-exam-session](http://www.arri.org/find-an-amateur-radio-license-exam-session)**

## West Seattle Amateur Radio Club



**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.

### Repeaters

**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

# 2023 PUBLIC SERVICE EVENTS

Date	Event Name	Location	Contact	Call	Phone	Email
Mar 3-5	Special Olympics WA Winter Games	Wenatchee	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Apr 22-23	Olympus Road Rally	SW Washington	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
Apr 22	Walk MS - Everett	Port of Everett	Dan	KC7UVK	360-631-2613	danggood55@gmail.com
Apr 23	Walk MS - Seattle	Gasworks Park, Seattle	Dan	KC7UVK	360-631-2613	danggood55@gmail.com
Apr 23	Whidbey Island Marathon	Oak Harbor	Bob	AF9W	520-576-3087	af9w@w7avm.org
May 19-21	Oregon Trail Road Rally	Portland - Columbia Gorge	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
May 21	Capital City Marathon	Olympia	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
Jun 3	Flying Wheels Century Ride	Manymoor Park, Redmond	Alan	KD7KUS	425-681-6754	jones83alan@gmail.com
Jun 3	Lake Wilderness Triathlon	Maple Valley	Scott	KC7SAG	206-276-9547	kc7sag@gmail.com
Jun 9-11	Special Olympics WA Spring Games	PLU / JBLM / Federal Way	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Jun 16	Tour de Forest Rally	Montesano	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
Jun 24-25 "CQ FIELD DAY"						
EVERYWHERE						
Jul 4	Amazon Seafair Summer Fourth	Gasworks Park & Lake Union	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Jul 8	Black Diamond Triathlon	Nolte State Park, Enumclaw	Scott	KC7SAG	206-276-9547	kc7sag@gmail.com
Jul 8	Rotary Auction, Woodward School	Bainbridge Island	Dana	KC7SDD	206-842-9076	Dana@thesalesgroup.com
Jul 14-15	RAGNAR NW Passage	Whatcom, Skagit & Island Cos.	Paul	KE7BNQ	360-720-6178	psonnenfeld@earthlink.net
Jul ?	Tri-Monroe	Monroe	Erik	K7QOG	206-979-7847	erik.robins@gmail.com
Jul 21-22	Cascade Crest 100 Trail Race	Easton	Randy	K7RHT	206-255-9510	k7rht@TRGLLC.us
Jul 22	Be The Hope XOXO Walk	Maple Valley	Scott	KC7SAG	206-276-9547	kc7sag@gmail.com
Jul 22	Gravel Unravel Why-Not-Chee Bk Ride	Wynoochee Lake	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
Jul 23	Seafair Triathlon	Lake Sammamish State Park	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Jul 27	RAMROD Bike Ride	Enumclaw - Mt. Rainier	Matt	AE7MK	509-860-8233	matthew@kozmafamilly.net

Jul 29	Seafair Torchlight Parade (EMGWA)	Downtown Seattle	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Jul 29	Seafair Torchlight Parade (Marshals)	Downtown Seattle	Gene	N7QLT		hamsignup@seafairparademarshals.org
Aug 4-6	Seafair Weekend Festival	Genesee Park, Seattle	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Aug 5	ADA Tour de Cure Ride	Marymoor Park & Eastside	Mike	K7MHL	206-605-7769	mlaposa@msn.com
Aug 5	Lake Tye Triathlon	Monroe	Erik	K7QOG	206-979-7847	erik.robins@gmail.com
Aug 11-15	Bigfoot 200/40/20 Trail Runs	Mt. St. Helens - Randle	Robert	KD7WNV	206-799-8244	kd7wnv@arrl.net
Aug 12	Obliteride (Fred Hutch bike ride)	Seattle & mid-Puget Sound	Korryn		509-531-2835	oblvolunteer@fredhutch.org
Aug 18-20	Special Olympics WA Summer Games	Everett	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Aug 19	Lake Meridian Triathlon	Covington	Scott	KC7SAG	206-276-9547	kc7sag@gmail.com
Aug 19	Tour de Whidbey	Coupeville	Bob	AF9W	520-576-3087	af9w@w7avm.org
Aug 26	Ride Seattle-Vancouver & Party (RSVP)	U. Washington - Bellingham	Alan	KD7KUS	425-681-6754	jones83alan@gmail.com
Sep 8-10	Plain 100 Trail Run	Plain, WA	Scott	N7SS	425-330-5439	n7ss@arrl.net
Sep 9-10	Bike MS - Deception Pass Classic	Mount Vernon	Dan	KC7UVK	360-631-2613	danggood55@gmail.com
Sep 10	CF Cycle For Life	Woodinville	Mike	K7MHL	206-605-7769	mlaposa@msn.com
Sep 16	Summer's End Fun Run	Covington	Scott	KC7SAG	206-276-9547	kc7sag@gmail.com
Sep 16-17	Teaway Country 100 Trail Race	Salmon La Sac	Randy	K7RHT	206-255-9510	k7rht@TRGLLC.us
Sep 30	ALA Reach The Beach Bike Ride	Olympia - Westport	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
Nov 17-18	Scout Night Hike	Camp Thunderbird, Olympia	Bruce	WA7BAM	360-259-9300	mont7881@yahoo.com
Nov 17-19	Special Olympics WA Fall Games	Tri-Cities	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Nov 26	SEATTLE MARATHON	Seattle	Franz	N3HFS	717-379-0892	n3hfs@yahoo.com
Dec 3	Seafair Holiday Cruise	Seattle	Lisa	W7LKT	253-666-8340	arc-admin@wa7emg.org
Feb 25	(2024) 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](http://www.mikeandkey.org)

# 2023 NW HAMFESTS

Date	Event and Location
Feb 18	Salem Hamfair - Polk County Fairgrounds, Rickreall, OR
Mar 11	Mike & Key ARC Electronics Show & Swap Meet - Puyallup, WA
Apr 16	Comox Valley ARC Ham Swap & Flea Market - Merville Community Hall, BC
Apr 21-23	International DX Convention - Wyndham Hotel, Visalia, CA
Apr 29	Kamiah Hamfest - American Legion Hall, 618 Main St, Kamiah, ID
May 6	MicroHAMS Digital Conference
May 6	Winston VFW Ham Swap Meet - VFW Post 9745, Winston, OR
May 7	Maple Ridge ARC Swap Meet - Pitt Meadows, BC
May 13	Stanwood-Camano ARC Hamfest - Stanwood Middle School, Stanwood, WA
May 20	N7YRC Tailgate Party - Dept of Emergency Management, Union Gap, WA
Jun 2-4	SEA-PAC Hamfest & ARRL NW Divison Convention - Seaside, OR
Jun 3	Grays Harbor Electronics and Hamfest Fleemarket - Downtown Hoquiam, WA
Jun 9-11	Wenatchee Hamfest - Apple City ARC - Dryden Gun Club, Dryden, WA
Jun 11 ?	Port Ludlow ARC Annual Tailgater Swap Meet - Port Ludlow, WA
Jun 22 ?	Chehalis Valley ARS Tailgate Swap Meet - SW WA Fairgrounds, Chehalis
Jul 8-9	Salmoncon (PNW QRP Group outing) - Valley Camp, North Bend, WA
Jul 14-16	Glacier Waterton Intl Peace Park Hamfest - Glacier Meadow RV Park
Jul 15	Coos County Radio Club Hamfest - 87450 Batson Ln, Bandon, OR
Jul 15	Richmond ARC Swap Meet - South Arm United Church, Richmond, BC
Jul 28-30	PNW DMR Gathering - Valley Camp, North Bend, WA
Aug 11-13	Pacific Northwest DX Convention - Inn at the Quay, New Westminster, BC
Aug 12	Kootenai Amateur Radio Society Hamfest - Post Falls, ID
Aug 20 ?	Antique/Vintage Technology Market - Shoreline CC, Shoreline, WA
Sep 8-10	NW-APRS/Digital Summer Gathering - Valley Camp, North Bend, WA
Sep 23	Spokane Hamfair - University High School, Spokane Valley
Sep 30	High Desert Ham Fest - Deschutes County Fairgrounds, Redmond, OR
Oct 6-7 ?	Pacific Northwest VHF Society Conference - Issaquah, WA
Oct 7-8	SOAR Expo - Klamath County Fairgrounds, Klamath Falls, OR
Oct 13-15	Jamboree On The Air (JOTA)
Oct 14	Kitsap County Hamfest - Bremerton, WA
Oct 20-22	PACIFICON Ham Radio Convention - San Ramon, CA
Feb 17, 2024	Salem Hamfair - Polk County Fairgrounds, Rickreall, OR
Mar 9, 2024	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/flyer2023.pdf](http://www.w7sra.com/flyer2023.pdf)

[www.mikeandkey.org/flea.php](http://www.mikeandkey.org/flea.php)

[www.comoxvalleyamateurradio.ca/swap-meet](http://www.comoxvalleyamateurradio.ca/swap-meet)

[www.dxconvention.org](http://www.dxconvention.org)

[www.n7cfo.com/amradio/hf/Kamiah.pdf](http://www.n7cfo.com/amradio/hf/Kamiah.pdf)

[www.microhams.com/mhdc/](http://www.microhams.com/mhdc/)

[www.n7cfo.com/amradio/hf/WINST23.pdf](http://www.n7cfo.com/amradio/hf/WINST23.pdf)

[mrarc.net/swap-meet](http://mrarc.net/swap-meet)

[www.scarcwa.org/ham\\_fest.shtml](http://www.scarcwa.org/ham_fest.shtml)

[kc7vqr@arri.net](mailto:kc7vqr@arri.net)

[www.seapac.org/](http://www.seapac.org/)

[www.n7cfo.com/amradio/hf/hh.pdf](http://www.n7cfo.com/amradio/hf/hh.pdf)

[www.applecityarc.com/events](http://www.applecityarc.com/events)

[www.n7pl.org/](http://www.n7pl.org/)

[www.cvars.org](http://www.cvars.org)

[sites.google.com/site/pnwqrpgroup/salmoncon](https://sites.google.com/site/pnwqrpgroup/salmoncon)

[www.gwhamfest.org](http://www.gwhamfest.org)

[www.coosradioclub.net](http://www.coosradioclub.net)

[www.richmondarc.ca](http://www.richmondarc.ca)

<https://pnwdigital.net/gathering-2023/>

[pacificnwdxconvention.com](http://pacificnwdxconvention.com)

<https://k7id.org/article/Home>

[www.pugetsoundantiqueradio.com](http://www.pugetsoundantiqueradio.com)

[wa7vc.org/summergathering/2023](http://wa7vc.org/summergathering/2023)

[www.sdx.org](http://www.sdx.org)

[www.hidarg.org/](http://www.hidarg.org/) (contact [kf7max@arri.net](mailto:kf7max@arri.net))

[www.pnwvhfs.org](http://www.pnwvhfs.org)

<http://soarexpo.com/>

[www.arri.org/jamboree-on-the-air-jota](http://www.arri.org/jamboree-on-the-air-jota)

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

[www.pacificcon.org](http://www.pacificcon.org)

[www.w7sra.com](http://www.w7sra.com)

[www.mikeandkey.org](http://www.mikeandkey.org)

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

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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

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.

**www.mikeandkey.org**



# 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 2023 is June 24-25. 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 ARES/RACES
KING COUNTY	King County ARES/RACES
Auburn	Auburn Area Emergency Communications Team
Bellevue	Bellevue Communications Support
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
Puget Sound ARES	
Communications Academy	
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: monkeygr3@yahoo.com)

[https://graysharbor.galaxydigital.com/agency/detail/?agency\\_id=128743](https://graysharbor.galaxydigital.com/agency/detail/?agency_id=128743)


[www.w7avm.org/Public-Service](http://www.w7avm.org/Public-Service)

[www.camanopreparednessgroup.org](http://www.camanopreparednessgroup.org)

[olypen.com/gandj/ARES-Site/jeffco-index.html](http://olypen.com/gandj/ARES-Site/jeffco-index.html) (email: KD7MWL@N7PL.org)

[www.aresofkingcounty.org](http://www.aresofkingcounty.org)

[www.auburnwa.gov/city\\_hall/emergency\\_preparedness/volunteer](http://www.auburnwa.gov/city_hall/emergency_preparedness/volunteer)

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

 /emergency-management/classes-and-volunteering

[eastsidefirecorps.org](http://eastsidefirecorps.org) (also: [www.eastsidefire-rescue.org/](http://www.eastsidefire-rescue.org/))

[www.fwarc.org/ECRT](http://www.fwarc.org/ECRT)

[issaquahcitizencorps.org/comm.html](http://issaquahcitizencorps.org/comm.html)

[www.northshoreemc.com/nemco-races](http://www.northshoreemc.com/nemco-races) (email: K7RMZ@ARRL.net)

[pugetsoundfire.org/emergency-management/communications-support-team-ham-radio](http://pugetsoundfire.org/emergency-management/communications-support-team-ham-radio)

[www.kirklandwa.gov/Government/Departments/Fire-Department](http://www.kirklandwa.gov/Government/Departments/Fire-Department) 

 /Emergency-Management/Get-Involved/KECT

[www.kc7key.org/ares](http://www.kc7key.org/ares)

[miro.cmivolunteers.org](http://miro.cmivolunteers.org) (email: jennifer.franklin@mercergov.org)

Facebook: North Bend ARES Team

[redmond-ares.org](http://redmond-ares.org)

[www.rentonecs.net](http://www.rentonecs.net) (email: membership@rentonecs.net)

[seatacstar.webs.com](http://seatacstar.webs.com) (email: K7JGM@ARRL.net)

[seattleacs.org](http://seattleacs.org) (email: join@seattleacs.org)

[sites.google.com/a/w7aux.org/shoreline-acs/](http://sites.google.com/a/w7aux.org/shoreline-acs/) (email: Shorelineacs@gmail.com)

[www.TukwilaRadioClub.org](http://www.TukwilaRadioClub.org) (email: info@TukwilaRadioClub.org)

[www.w7vmi.org/doku.php?id=emergencyprep](http://www.w7vmi.org/doku.php?id=emergencyprep)

[www.kitsapdem.com/programs/kars/](http://www.kitsapdem.com/programs/kars/)

[mc-arc.org/service/ares/](http://mc-arc.org/service/ares/) (also: [www.qsl.net/wa7pc/#page=page-4](http://www.qsl.net/wa7pc/#page=page-4))

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

[nmaresc.wordpress.com/ares/](http://nmaresc.wordpress.com/ares/)

[www.piercecountyares.net/web/](http://www.piercecountyares.net/web/) (email: DEC@piercecountyares.net)

[www.rasconline.net/ares-info/](http://www.rasconline.net/ares-info/)

<https://sarecc.org/>

[www.wa7dem.info/about-us/join-acs](http://www.wa7dem.info/about-us/join-acs)

email: jfludden@hotmail.com

[www.wa7oly.net](http://www.wa7oly.net) (email: w7slt@arrl.net)

[www.facebook.com/whatcomares](http://www.facebook.com/whatcomares)

[www.wecg.org](http://www.wecg.org)

[www.ci.blaine.wa.us/230/Auxiliary-Communications-Service](http://www.ci.blaine.wa.us/230/Auxiliary-Communications-Service) (also: [www.blaineacs.org](http://www.blaineacs.org))

[roadrunner110.wixsite.com/chuckanutacs](http://roadrunner110.wixsite.com/chuckanutacs)

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

[www.w7a.arrlnwdiv.org](http://www.w7a.arrlnwdiv.org) (also: [www.arrl.org/Groups/view/western-washington](http://www.arrl.org/Groups/view/western-washington))

[pseares.com](http://pseares.com)

[commacademy.org](http://commacademy.org)

[www.wv7mst.org](http://www.wv7mst.org)

[www.wastateares.org](http://www.wastateares.org)

[mil.wa.gov/emergency-management-division](http://mil.wa.gov/emergency-management-division)

[www.redcross.org/local/washington](http://www.redcross.org/local/washington)

[www.arrl.org/ares](http://www.arrl.org/ares)

[www.qsl.net/races](http://www.qsl.net/races)

# CLUB

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	*basement mtg room, Timberland Regional Library, Hoquiam
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 Valley Sr. Ctr, 75 NE Creek Way, Issaquah
Jefferson County ARC	*Cape George Fire Hall, 3850 Cape George Rd, Pt Townsend
Kitsap County ARC	
Lake Washington Ham Club	<online 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	
Mike & Key ARC	Salvation Army Center, 720 S Tobin St, Renton
Mount Baker ARC	<online only, see website>
North Mason ARES Club	*N Mason Tmbrlnd Library, 23081 NE State Rte 3, Belfair
Olympia ARS (OARS)	*So. Sound Manor Event Ctr, 445 North St SE, Tumwater
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	*Salmon Bay Café, 5109 Shilshole Ave NW, Seattle
Puget Sound Repeater Group	*Salmon Bay Café, 5109 Shilshole Ave NW, Seattle
Radio Amateurs of Skagit County	Skagit PUD, 1415 Freeway Drive, Mount Vernon
Radio Club of Redmond	Redmond Community Ctr, 6505 176th Ave NE, Redmond
Radio Club of Tacoma	Clubhouse, 1249 South Washington Street, Tacoma
San Juan County ARS	<online only, see website>
Skagit Am. Radio Emerg. Comm. Club	Salvation Army, 3001 R Ave, Suite 100, Anacortes
Sky Valley Amateur Radio Club	*Trax Edge Cafe, 14701 179th Ave SE, Monroe
SnoCoHams	Buzz Inn Steakhouse, 5200 172nd St NE, Arlington
Snohomish County Hams Club	Historic Everett Theater, 2911 Colby Ave, Everett
Snoqualmie Valley ARC	Duval Fire Station #66, 15600 First Ave NE, Duval
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	<online only, see website>
Yelm Amateur Radio Group	[see website]

**NOTE: Some clubs are conducting hybrid meetings (online in addition to in-person) - check website**

# CONTACTS

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

**NOTE: Asterisk (\*) denotes pre-COVID meeting location no longer referenced on club website.**

# YAGI URBAN BEAM

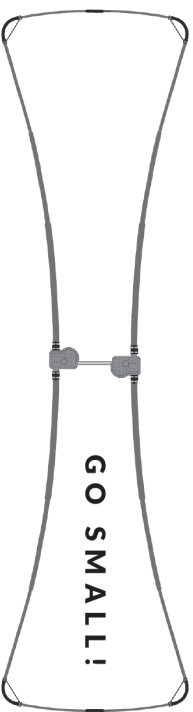


**SMALL FOOTPRINT  
BIG DELIVERY**

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!



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**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

### **Mike & Key Club Contacts**

e-mail: [info@mikeandkey.org](mailto:info@mikeandkey.org)

Web: [www.mikeandkey.org](http://www.mikeandkey.org)

Mail: P.O. Box 4234

Renton, WA 98057-4234



This booklet is produced for the  
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**Mike & Key Amateur Radio Club**  
Public Service Committee

146.82 MHz & 224.12 MHz  
**An A.R.R.L. Affiliated Club**