

The PARC S-Meter

An Electronic Newsletter of the
Panoramaland Amateur Radio Club
PO Box 7
Colville, WA 99114



Issued March 2022 Issue No. 138

Club Website: <http://www.qsl.net/k7jar/Home.html>

S-Meter e-mail: parcnews@hotmail.com

Club Repeater: Output 146.62 MHz; Input 146.02 MHz PL Tone 77

Next Meeting Friday April 15th 2022 7:00pm



Meeting QTH is: VFW Hall 135 Hwy 20 – Colville, WA

CLUB NET: Sunday Evenings 8:00p.m. Local

Like Us on Facebook: Panoramaland Amateur Radio Club

Highlights from our March meeting.....

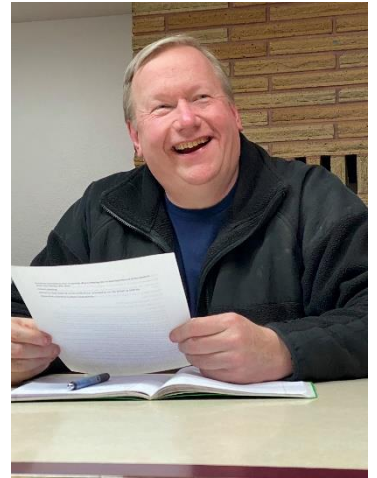
Attendees:

Meeting was called to order by President Baron KI7FDU at 7:12pm

A quorum of officers was present.

Introductions were made.

Baron KI7FDU read the minutes of the last meeting, they were accepted as read.



Treasurer's Report: Bruce KC7H \$4562.90 (of that \$183.00 in Repeater Fund)

ARES Report: Michael KF7SYS Wayne KI7UIY gave a presentation at the meeting on Tuesday 3/15/22. He talked about 2 Meter FT8 digital mode and the equipment needed to operate.

PARC Net: Baron KI7FDU check-ins are running about 12-15 people, with about 2-5 people checking in from the Spokane area. Net Control Operators are always needed.

Board Report: John KL7LL – Nothing new to report.

Announcements: Bruce KC7H has HRO raffles tickets, club patches and stickers for sale. Beverly KK7DIV advised that the Repeater message is still broadcasting that the Club meeting starts at 7:30 instead of 7:00. Baron KI7FDU is working on it.

Old Business: John KL7LL advised the area truckers are still illegally using the Ham Radio channels. A general discussion followed.

Baron KI7FDU confirmed about the FCC increasing the licensing fee to \$35.00. He also started the discussion on Field Day, June 25th & 26th. There will be a potluck on Saturday, burgers and brats will be provided, everyone else fill in. Few good suggestions on where to have it: Tim's Field (KG7VMU) in the basin, Jim's property (W7JWT) at Black Lake and Baron's (KI7FDU) property. Club voted to have it at Tim KG7VMU's Field in the Basin! It would be nice to obtain a flagpole for the event.

New Business: Nothing to Discuss

Motion to Adjourn the meeting by Baron KI7FDU, seconded by Ken N7KD. meeting was adjourned at 8:50 pm.

Respectively Submitted by: Betty KJ7CHU

From the President

Hello everybody;

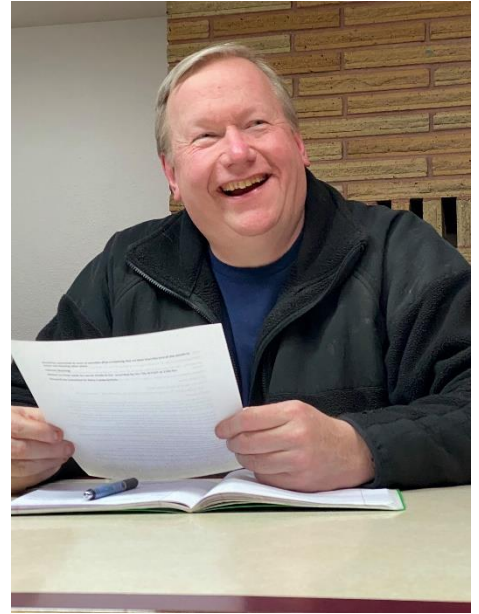
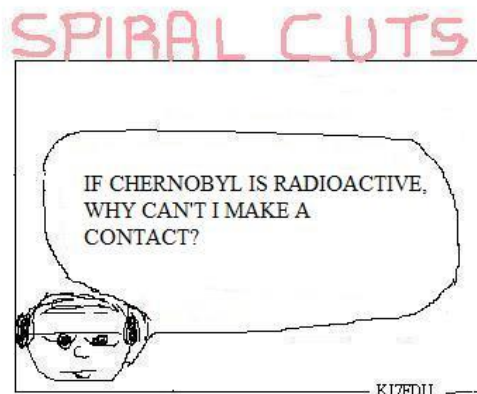
I think we made it to spring! It sure seems that way to me and I'm looking forward to the nice weather.

I don't have much to discuss, but I do want to let everyone know the FCC has announced the \$35 license fee is going into effect as of April 19th of this year. This fee is for all new licensees, license upgrades, renewals, and vanity callsign applications. The fee is collected by the FCC through their website. For more info go to ARRL's website & read about it in the "news" section.

Our meeting on the 15th maybe the last chance to get tested and avoid the fee. I hope. We knew this fee was coming and here it is. The ARRL has a proposal to pay this fee for new hams under 18 years old and to cover some of the testing fees. I think this is a great idea to keep amateur radio growing with younger people. The \$15 test fee and the FCC fee of \$35 adds up to \$50 and that is a possible game changer. I think we should all encourage the ARRL to offset the fees for younger hams. Please email ARRL with your input on this.

On to a happier subject, field day is coming! I can't wait. I want to see this be the best one yet. I'll see you at the next meeting. And remember the meeting starts at 7:00 pm now.

Baron
KI7FDU



The Right Antenna for the Job



Depending on the job you're doing, you may need a rubber duck, directional, or multiband dipole antenna.

The Right Antenna for the Job For hikes and other outdoor activities, the so-called rubber duck antenna that came with your handheld transceiver will let you communicate over several miles, depending on the surrounding terrain. If you want greater range in all directions, consider a larger antenna, such as the ground-plane design.

For radio sporting on VHF and UHF, including foxhunting, you'll want a directional antenna, such as a Yagi. Directional antennas focus your signal like a flashlight beam, maximizing your power and bringing in weak signals you wouldn't otherwise hear. Satellite communication is best with directional antennas. Satellites are hundreds and even thousands of miles away, so you'll need a dual-band (VHF/UHF) directional antenna to concentrate your power.

On the HF frequencies, wire antennas such as the multiband dipole antenna are good choices. There are directional antennas for HF frequencies as well, but they are large and expensive. If you're not ready for that, a wire antenna will do just fine.

US Amateur Radio Bands

Operator license classes: E = Amateur Extra A = Advanced G = General T = Technician N = Novice
CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).

■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [Wavy Line] = CW only

LF – Low Frequency band

2200 Meters (135 kHz) E,A,G
1 W EIRP maximum



Amateurs wishing to operate on 2200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

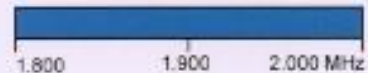
MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G

5 W EIRP max, except in Alaska within 495 miles of Russia where the limit is 1 W EIRP

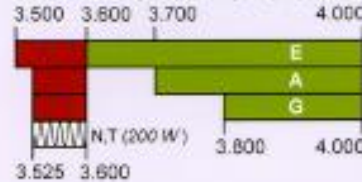


160 Meters (1.8 MHz) E,A,G

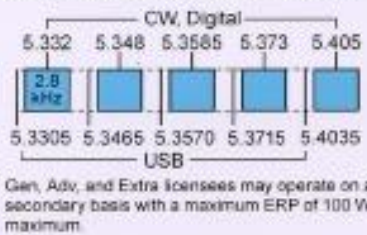


HF – High Frequency bands

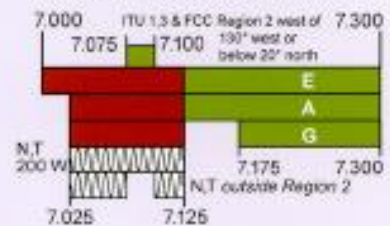
80 Meters (3.5 MHz) E,A,G,T,N



60 Meters (5.3 MHz) E, A, G (100 W)



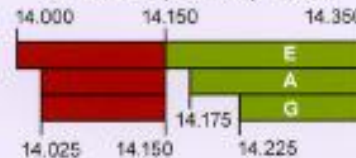
40 Meters (7 MHz) E,A,G,T,N



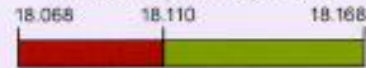
30 Meters (10.1 MHz) E,A,G



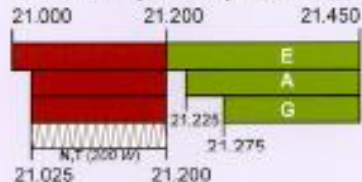
20 Meters (14 MHz) E,A,G



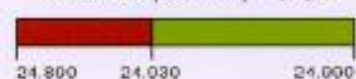
17 Meters (18 MHz) E,A,G



15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G



10 Meters (28 MHz) E,A,G,T,N



VHF – Very High Frequency bands

6 Meters (50 MHz) E,A,G,T



2 Meters (144 MHz) E,A,G,T



1.25 Meters (222 MHz) E,A,G,T,N



UHF – Ultra High Frequency bands

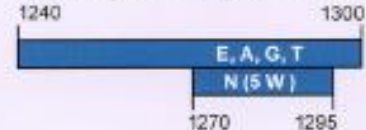
70 cm (420 MHz) E,A,G,T



33 cm (902 MHz) E,A,G,T



23 cm (1240 MHz) E,A,G,T,N



SHF&EHF – Super and Extremely High Frequency bands

All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz	3300-3500 MHz	10.0-10.5 GHz	47.0-47.2 GHz	122.25-123.0 GHz	241-260 GHz
2390-2450 MHz	5650-5925 MHz	24.0-24.25 GHz	76.0-81.0 GHz	134-141 GHz	All above 275 GHz

See www.amf.org/ota/plan for detailed band plans.

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OTAbands rev. 1-22-20

Calendar of Events – 2022



March 2022

- 6th PARC Sunday Night Net 8:00pm Net Control Operator –
- 6th SARL Hamnet 40m Simulated Emerg Contest
- 9th VHF-UHF FT8 Activity Contest
- 12th YB DX RTTY Contest 0000z – 2359z
- 12th SARL Field Day Contest 0800z – 1000z
- 12th 40th Electronics Show & Swap Meet Puyallup WA see flyer
- 12th South America 10 Meter Contest 1200z – 1200z
- 13th Wisconsin QSO Party 1800z – 0100z
- 13th PARC Sunday Night Net 8:00pm Net Control Operator –
- 18th **PARC Meeting 7:00pm at the VFW Hall off Highway 20 & Aladdin Rd**
- 18th Home & Garden Show Community College off Elm Street Colville
- 19th Virginia QSO Party 1400z – 0400z
- 20th PARC Sunday Night Net 8:00pm Net Control Operator –
- 24th RSGB 80m Club Championship, SSB 2000z – 2130z
- 27th PARC Sunday Night Net 8:00pm Net Control Operator –
- 30th UKEICC 80m Contest 2000z – 2100z

April 2022

- 1st April Fools
- 2nd RSGB FT4 International Activity Day 0800z – 2000z
- 3rd Mississippi & Louisiana QSO Parties 1400z – 0200z
- 3rd PARC Sunday Night Net 8:00pm Net Control Operator – Craig N7JAG
- 6th VHF-UHF FT8 Activity Contest 1700z – 2000z
- 7th SARL 80m QSO Party 1700z – 1900z
- 9th Nebraska QSO Party 1300z – 0100z
- 9th Texas State Parks on the Air 1400z – 0200z
- 9th NW Vintage Radio Society Show in Aurora Oregon
- 10th New Mexico & North Dakota QSO Parties 1400z – 0200z
- 10th PARC Sunday Night Net 8:00pm Net Control Operator – Judith KG7WT
- 13th A1Club AWT 1200z – 1300z
- 15th **PARC Meeting 7:00pm at the VFW Hall Off Hwy 20 & Aladdin Road**
- 15th Good Friday
- 16th Worked All Provinces of China DX Contest 0600z – 0559z
- 17th PARC Sunday Night Net 8:00pm Net Control Operator – Chuck KJTRK
- 17th Easter Sunday
- 17th Run For The Bacon QRP Contest 2300z – 0100z
- 19th ARES meeting 6:00pm at the VFW Hall off Hwy 20 & Aladding Road
- 21st Walk For the Bacon QRP Contest 0000z 0300z
- 22nd Earth Day
- 23rd SP DX RTTY Contest 1200z – 1200z
- 23rd Kamiah Hamfest in Kamiah Idaho
- 24th PARC Sunday Night Net 8:00pm Net Control Operator – Malcom WB7WUQ
- 25th OK1WC Memorial 1630z – 1729z
- 26th Worldwide Sideband Activity Contest 0100z – 0159z
- 27th Administrative Professionals Day
- 28th Whitewater Hamfest in Salmon Idaho
- 30th Downtown Spring Clean-Up 10:00am Heritage Court Colville
- 30th Florida QSO Party 1600z – 0159z

2022 CVARC Ham Swap & Flea Market**=====

Sunday, April 10, 2022 - 10:00 to 13:00 (Pacific)

Merville Community Hall, (Big Yellow Hall) 1245 Fenwick Road. (AKA 7245 Hwy 19A)
Merville, B.C. 13 KM North of Courtenay's 17th Street bridge on the "Old Island Highway",
(about a 15-minute drive toward Campbell River). Talk-in repeater VE7RCV on 146.780-
(141.3Hz PL)

Open for seller setup at 08:30. Tables are \$20.00 each, including the operator. Helpers are \$5.00 each. One each per table. Table dimensions are: 72" x 30". Commercial radio vendors may have a free table.

Open for buyers at 10:00 (earlier if sellers are ready). Please wear a mask and bring proof of vaccination. All Public Health orders in place at that time in regard to Covid-19 are in effect.

Buyer's admission is \$5.00 each. We hope to have coffee available, and maybe a donut.

Lots of free parking, looks mostly mud-free. One ramp available, from parking lot to equipment entrance doors. Bring your own dolly. Then re-park your vehicle.

To reserve a table, contact Brian, VE7RD, at sells795@telus.net and latecomers will be accommodated IF tables are available.

Keep an eye on this website as well as the Facebook page for info on possible last-minute cancellation due to Covid19.

Northwest Vintage Radio Society
PRESENTS the SPRING
ANTIQUUE RADIO SHOW & SALE



American Legion Hall
21510 Main St. IN HISTORIC
AURORA, OR 97002

Saturday April 9th
9:00 AM - 1:00 PM



FREE PARKING
FREE ADMISSION

for more information, see our
website www.NWVRS.org

To reserve a table or more info call:
Robbie Robinson - (503) 810-0565