

Edmonds Woodway Amateur Radio Club

Meeting of 8 August 2024 Pres. Ed Serchon N7PHY presiding.

General Announcements:

Daily 10 meter gatherings continue at 1200 local time at 28.350 MHz USB. For more 10 meter activity see The Pacific Northwest 10 Meter Net. They meet on Monday, Wednesday, and Friday at 1930 local time at 28.380 MHz USB. For details see: <http://www.ntmn.net/p/about.html>

From the Treasurer:

No changes from last month. The bank balance is in the black. No income or outgo to report. For more details about memberships or the state of the treasury please see Barry K7BWH.

General Business:

The day before the meeting Ed N7PHY, and Greg N7IAD delivered an Edmonds Woodway Amateur Radio Club Life Membership Certificate to Steven Grafton KD7LXM for his very generous donation of radio equipment to the club. Thank you very much, Steven!

We discussed the matter of donations to or on behalf of the families of Silent Key members. With regard to Frank Perkins N6CES (SK) it was decided to ask his widow, Janice, for the name of a charity to which we could donate \$100.00.

Events Calendar:

Aug. 9 - 11 PNW DX Convention - Everett, WA

Aug. 17 Edway Club BBQ (N7IAD Host) - Edmonds, WA Please see email on the club reflector for details. Be sure to RSVP if you plan to attend. The highlight of the summer Edway social scene!

Aug. 18 Puget Sound Antique Radio Swap Meet - Shoreline, WA

Aug. 24 Celebration of Life for Frank Perkins N6CES - Harvey Field Snohomish, WA from 4:00 to 9:00 PM Celebration begins promptly at 4:00 PM followed by a reception.

Sept. 12 Edway Monthly Meeting - Lake Ballinger Center Mountlake Terrace, WA. 7:00 PM

Sept. 14 - 15 ARRL VHF Contest

Sept. 21 - Family Emergency Preparedness Expo For location and time see: <https://www.southsnofire.org/Home/Components/Calendar/Event/3786/>

Sept. 21 -22 Salmon Run (WA State QSO Party)

Oct. 18 - 20 Jamboree on the Air (Scouts)

Ham Radio Intro:

Ed presented a short slide show from the ARRL website for the benefit of a visiting Cub Scout leader who was interested to hear more about Amateur Radio and how it might be of interest to his scout troop. In addition to Amateur Radio the options of GMRS and FRS radios were discussed as ways to get more hands-on radio experience for unlicensed radio operators.

Monthly Presentation:

SDR Console explanation and demonstration by Ed N7PHY. Ed brought in his latest radio roving apparatus which was quite impressive even before he explained all the bits and pieces. The basic idea is that SDR Console is a fancy software program (free for non-commercial use) which provides a user interface for an SDR (Software Defined Radio). The software plus SDR provides the receiver part of the setup. Ed uses his Kenwood TS-590SG as the transmitter. There are a lot of extra bits and pieces needed to make this all work as it should. Briefly, the received signal comes from the antenna then goes through an SDR Switch, a Low Noise Amplifier, a 6 meter Bandpass Filter, followed by a Variable Attenuator before going to the AirSpy R2 Software Defined Radio and the SDR Console program. Transmissions are sent from the Kenwood TS-590SG to the SDR Switch and on to an amplifier before hitting the antenna. The SDR Switch handles isolating the receiver hardware from the transmitter hardware. Best to see Ed N7PHY if you need more details.

List of Attendees (*=Zoom):

1. Ed N7PHY

2. Greg N7IAD
3. Neri NC7N
4. Mike K7MH
5. Scott KB7RSV
6. Mike W7NP
7. Walt W7PRB
8. Larry KK7PRX
9. Barry K7BWH
10. Tom K7BXA
11. Chris KI7LBC
12. Brian N4WZY
13. Mel KD4OLE
14. Daniel KJ6SEE
15. Tom KH6HDA
16. Jeff Marko - Cub Master visitor
17. *Rick K7TR
18. *John KM7O
19. *Dave WA7RSO
20. *Chuck WA7BRL