



Monthly Newsletter
September 21, 2022

❖ **What's New ? - Part 1 Software Version**

Do you use a Zoom application for windows?
Is your version at least 5.11.11 ?

Do you use the N3FJP logging app. for the
PA QSO Party? Is your version at least 4.8.3
?

If your version is not current, please upgrade.

❖ **What's New? - Part 2 Safety Tip**

If you drive a vehicle that uses a wireless key
fob then you have a pretty good security
device at your disposal.

Familiarize yourself with the transmission
range of your key fob. If you can lock or
unlock the doors at a given distance then you
can send an alarm over the same distance.

As you are walking to or from your vehicle
keep the key fob in your hand and be ready to
press the alarm button in case of trouble.

When you are home at night keep the key fob
beside your bed. If you hear trouble press
the button to sound the alarm.

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We have a lot of info on our THINGS TO-DO
> CALENDAR VIEW website page. Here are
a few highlights to pique your curiosity.

September 2022 (post publication date)

- Iowa QSO Party 17th-18th
- Texas QSO Party 17th
- New Jersey QSO Party 17th-18th
- New Hampshire QSO Party 17th-18th
- Washington State QSO Party 17th-18th
- CQ WW DX Contest RTTY 23rd-25th
- Maine QSO Party 24th-25th

October 2022

- California QSO Party 1st-2nd
- Nevada QSO Party 7th-9th
- Arizona QSO Party 8th-9th
- South Dakota QSO Party 8th-9th
- Pennsylvania QSO Party 8th-9th
- New York QSO Party 15th
- Illinois QSO Party 16th
- ARRL School Club Roundup 17th-21st
- CQ WW SSB Contest 28th-30th

Check the dates. Some contests begin at
0000Z which is Saturday morning UTC, but
late Friday night local time.

❖ License Plate Puzzle



See Page 6 for possible answers.

❖ Pennsylvania QSO Party

Saturday October 8, 2022

Start 1600Z Noon Local
End 0400Z Midnight Local

Sunday October 9, 2022

Start 1300Z 9:00 a.m. Local
End 2200Z 6:00 p.m. Local

CARC has rented a park pavilion at the Warrington Township Municipal Park located in Rosstown/Wellsville, PA.

The address is: 3345 Rosstown Road,
Wellsville, PA 17365

We have Pavilion #2 which is on the lower level of the park next to the playground equipment. I told the township we will use the pavilion from 8:30 a.m. to 6:45 p.m..

There is parking near the pavilion. Look for a service road to the left as you approach the pavilion. The parking spots are a widened portion of the road marked with concrete.

We should aim for 6:30 p.m. departure. Sunset is at 6:38 p.m. Saturday night October 8. The park gate is locked after dusk.

We will have a roof over our heads, about eight picnic tables, commercial electricity, ample parking, and indoor flushing restrooms.

There are photos of the park and Pavilion #1 at the township web site.
<https://warringtontp.org/index.php/municipal-park/>

Additional information for participating CARC Members appears in the Meeting Agenda.

Frank may have more to say about the PA QSO Party as part of our agenda.

We sometimes visit a nearby restaurant where we celebrate our success following completion of the day's work. If you need to obtain prior permission to whoop it up with your colleagues please use as much lead time as needed.

❖ 3Y0J Bouvet Island DXpedition

Submitted by Andrew Forsyth, AF3I

There is a big DX-pedition in the works. It has been in the works for a long time and now it is just about to happen.

January 2023. Specific dates and time were not yet available when I checked.

Bouvet Island is an uninhabited place located in the most isolated part of the ocean between South America, Africa, and Antarctica. About 1,000 miles separates Bouvet from each of those continents. Bouvet is the second-most wanted DX entity on the ClubLog list. Only DPRK (North Korea) is ranked higher.

My recommendation is that you probably want to use the time between now and then to get ready to make an ALL TIME NEW ONE contact with 3Y0J. I suspect none of us will have a second chance to work Bouvet Island during our lifetimes. It's now or never.

What will I need to know? you ask.

• The 3Y0J Operating Plans

Bands, Modes. The operation plan shows they will be operating 12 stations – 8 on CW & SSB, 4 on FT8 Fox & Hound digital. The really well-organized DX-peditions typically publish their on-the-air plans shortly before they set foot on the island.

• Skills for operating SPLIT on CW and SSB.
Split is the only way you will make a contact with a DXpedition. Attempt anything else and you will be considered a LID – or MUCH WORSE.

Operating SPLIT means that the DX Station is going to transmit on a particular frequency and listen for stations answering him on a different frequency nearby. You probably will hear the DX station announcing where he is listening using jargon such as UP 5, or UP 10.

That means the DX Station has his receiver tuned about 5 KHz farther up the band than his transmitter.

In turn, you need to prepare yourself to never transmit on the same frequency as the DX station is using. You need to listen on the frequency where he is transmitting. And you need to transmit on a different frequency where he tells you – UP 5, UP 10, wherever he says.

Keep in mind that there will be thousands of other hams trying to transmit “UP 5” at the same time. The successful operator will use his or her skills in an attempt to gain an advantage.

If your transceiver was made in the last 30 years it probably has SPLIT functionality built-in. If you have been a DXer for the last 30 years you probably know how to make good use of that SPLIT functionality. Everyone else needs to do some homework.

Dig out your transceiver User Manual. Read about Split. Work with a CARC Friend to explore what it means to actually operate split. AF3I offers to meet you on-the-air prior to, or following, the Wednesday Ten Meter Net.

• Should I purchase a Kilowatt Amplifier?

It is very important for you to be able to HEAR the DX Station. Unless you can hear the station how will you know when it is your turn

to call and how will you know if the DX Station is answering you?

First, concentrate on your listening equipment and techniques.

Next, practice your timing. Usually you need to be quick when it comes to hitting your TX button and sending your call sign. But, there are times when it might be better for you to transmit a fraction of a second after the bulk of the other pile-up operators finish sending their call signs. Maybe the DX Station will hear you after the noise diminishes.

Practice your speaking delivery. Practice your pronunciation. The DX probably will answer the first call sign that he hears clearly.

• What if I have a General Class license?

If you hear the DX Station operating in the US Extra Class portion of the band and listening “UP 5” your license privileges are not going to permit you to transmit on that frequency.

The considerate DX Station will occasionally announce that he/she is listening above 14.225 (on 20 meters) or above 7.175 (on 40 meters). That is your clue. This means the DX station is trying to give General Class Operators a fighting chance

If you are “General” and you want to work the DX when he listens in the General portion of the band, then your transceiver needs to be capable of setting up and using a wider SPLIT than the more common UP 5 or UP 10. Stage some test scenarios before the DX-pedition goes live. This is your opportunity to confirm whether your rig can handle such a wide SPLIT.

• The DX Station is In-Charge.

The DX Station is almost certain to give additional instructions that you must follow if you want to have any chance of working the DX. The DX Station will specify which parts

of the world he is willing to work at a given moment. The DX might specify a continent, a country, or a country and a call sign district. If you transmit when it is not your turn you will be ridiculed by other hams and ignored by the DX. Listen to the DX Station's instructions.

The DX Station does this because he has a lot of insight as to the propagation conditions around the world. If there is a short opening predicted from a certain remote corner of the world the DX wants to give his attention to the hams in that part of the world while the opening to their part of the world is taking place. You will get your turn sooner or later.

• Don't Make Yourself one of the DX Police.

If one of the "other guy's" makes an honest mistake, let it pass. If someone else is being objectionably offensive it is the DX Station's role to handle the situation. The DX Station has the logbook. Sometimes following the DXpedition the most offensive operators discover that their call sign is ***Not In Log.***

• Skills for using FT8 Fox and Hound on FT8

This can be complicated. Let's have an activity as part of one of our future meetings, and/or a HOW DO I... article written from a beginner's perspective.

• Understanding the propagation

There are very few other active operations near Bouvet. In that sense there isn't much we can use for comparison. South Africa ZS might be the best point of reference. If you can work ZS then you probably can work 3Y0J.

I saw some charts that show USA East Coast to South Africa has a good path on 20 meters from 2100 to 0400 UTC in September 2022. Seasonal changes involving hours of daylight will change those times as we approach January 2023.

DXpedition Teams often provide propagation predictions closer to the date of their operations. Watch for news.

• Your antennas.

Do you have a directional antenna? What is the beam heading to 3Y0J? My calculations gave 140 degrees. From Central PA that is to the Southeast.

• How to get a QSL card once you work 3Y0J

Donate USD \$50+ prior to the start of the DXpedition. Those making larger donations sometimes magically rise to the front of the upload list/ mailing list.

For Paypal -- visit website www.3Y0J.no

OQRS with Donation. What is that? Online QSL Request System. OQRS is part of ClubLog. Learn about it. Open a ClubLog account to get started.

Direct Mail with Donation. Provide your own Self-Addressed Envelope and Postage as if the envelope is going to be sent to you from Great Britain. Send your QSL Card and your envelope to the 3Y0J QSL Manager listed on the 3Y0J website.

**Charles R. Wilmott (M0OXO)
60 Church Hill
Royston, Barnsley,
South Yorkshire
S71 4NG ENGLAND
United Kingdom**

Logbook of the World LOTW. Logs will be uploaded 12 months after the DXpedition ends, if not already covered by one of the above options. Open an LOTW account to get started.

Whatever you do, be sure to use the correct DATE and TIME (**Both in UTC**) on your QSL.

❖ **General Interest and Calendar Items September 2022, and later**

Club Website Event Calendar	www.RadioClub-CARC.com/calendar/ We have a pretty good Event Calendar plug-in on our website. If you are looking for events, this might be the right place. If you know of worthy events that should be listed in our Calendar please share the <i>Who, What, Where, and When</i> information with AF3I@RadioClub-CARC.com
Kutztown Antique Radio Meet	Friday September 16, 2022 and Saturday September 17, 2022 Located at Renningers Antiques and Farmers Market Sponsored by the Delaware Valley Historic Radio Club http://dvhrc.com/kutztown.html and/or https://renningers.net
Ham Radio License Exam Testing Part 1	Harrisburg Radio Amateur Club (HRAC) test dates are 3rd Saturdays, Even Numbered Months, starting at 9 a.m. <i>Location Change: Vietnam Veterans of America, 8000 Derry Street, Harrisburg, PA</i> <i>Laurel VEC = No Fee! Pre-Registration, including your FCC FRN, is required.</i> HRAC VE Testing Dates appear on our EVENTS CALENDAR: Additional information at their web page: www.w3uu.org Look for the link: License Exams.
Ham Radio License Exam Testing Part 2	South Mountain Radio Amateurs (SMRA) conducts license testing at the Public Safety Center off Claremont Road, Carlisle, PA. Exam sessions are scheduled monthly at 6 p.m. on the third Tuesday of the month. Preregistration is required. Our readers are encouraged to perform their own due diligence to validate any exam session in which they have an interest. Contact: n3tw@arrl.net or smraham@gmail.com There is a modest fee for this testing service. Additional details at their web page. http://n3tw.org/links/getting-licensed/smra-testing-policies/
Ham Radio License Exam Testing	Look for LICENSE EXAM on our website THINGS-TO-DO Calendar View. We have entries for SMRA, Keystone VHF, Cross-Keys Village, HRAC
Ham Radio Training Class	If you know of any upcoming License Preparation Classes please let AF3I know so that they can be listed here. The ARRL website has a search tool. The classes I found were listed behind the keyword "online". http://www.arrl.org/find-an-amateur-radio-license-class
Ham Radio Lunch	The last Thursday of each month. Informal lunchtime gathering at the Hibachi Grill and Buffet. 5080 Jonestown Road -- Route 22, Harrisburg, PA Best guess – Noon. to 1:30 p.m.
CARC Weekly Coffee Time	Every Thursday at 10:00 a.m. Location: Caffe 101 in Boiling Springs, PA. On the corner, across from the clock-tower and diagonally across from the Boiling Springs Tavern.

If you have Calendar items that you would like to share with your fellow CARC Members please send them to the Newsletter Editor – Andrew Forsyth AF3I. He can be reached by eMail sent to: AF3I@RadioClub-CARC.com

❖ Cumberland Amateur Radio Club Nets

CARC Two Meter VHF Digital Net	Every Sunday evening at 6:00 p.m. local time. 146.490 MHz. Most likely we will be using OpMode Domino EX 22. If you have experience using Sound Card Digital Modes you will feel at home with this digital net. Mostly informal in terms of conversation topics.
CARC Two Meter Phone Net	Every Sunday at 7 p.m. local time. 2 meter band. 146.490 MHz FM Simplex. Also available through EchoLink Node 259045 or search for station AF3I-L. EchoLink is great for those who have no transceiver and/or no antenna, but who do have a PC and an Internet connection. EchoLink is equally great for anyone who resides or travels outside our local area and wishes to stay in touch. Visit www.echolink.org as a starting point.
CARC Ten Meter Phone Net	Every Wednesday* at 8 p.m. local time. 10 meter band. 28.400 MHz USB *Except Monthly Meeting Night. on the third Wednesday of the month.

❖ Meeting Activity

Tonight's Activity	Tonight's agenda is pretty full. I don't think we can fit an Activity into the short time available to us. If there is something you wish we could talk about as part of an upcoming meeting Frank Mellott will take your suggestions and questions eMail Frank using this address: president@RadioClub-CARC.com
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❖ Answers to the Puzzles

Answer to the License Plate Puzzle that appeared on Page 2

Garry Fasick K3EYK submitted this month's license plate puzzles. Thank you Garry.

If the first plate was a ham radio call sign plate, we can say the prefix GR8 is assigned to the United Kingdom. Ham Radio probably is the subject of this plate, however.

Garry saw this plate on a Corvette and shares that it probably means ONE GREAT RIDE.

The second plate seems to be telling the reader to ACCELERATE.

Words of Wisdom...

Roses are red,
Tacos are delicious.

I use paper plates
because I don't like
washing the dishes.

Words of Wisdom...

It was a lot more fun
to be 20 in the 70s
than to be 70 in the 20s !