

# W9JOZ

Volume 12, Issue 1

January 2022

Meeting at Library at 6 pm on:  
January 20th 2022

Happy New Year!

Please see David's  
Comments on the top of  
the next page.



Meetings are at the Henry F. Schricker Library on the third Thursday of each month, with the exception of December.

The library is located on west Culver Road, two blocks west of Highway 35.



Are you on the air?

## QSL CARDS

If you have QSL Cards that need to be checked for an ARRL Award, contact me and I will put you in contact with an ARRL Card Checker in our area.

### INSIDE THIS ISSUE

- 1 Meeting Reminder
- 2 Events/Articles

## **New Years greetings to everyone.**

**Please pay your dues, so we can keep the group going.**

**We need to change the meeting time at the library to 6 to 7 PM. The Library will let us do that. We just need to be out of the building at 7 PM. This is not the optimum time, but better than a 5 PM start time.**

**I was able to attend the December LEPC meeting or local emergency planning committee. They meet quarterly and expressed some interest in a ham radio demonstration. Perhaps this can lead to a class for some of our first responders who wish to get a ham radio ticket.**

**Marshall County is now forming an ARES group. Since we do breakfasts and Christmas parties with those folks perhaps, we can have a joint ARES group.**

**Don't forget the Saturday night net on the Knox repeater at 8 PM.**

**Dave kc8obh president**

### **Events**

**Next Meeting is at the Knox Library  
January 20th at 5 pm.**

### **Birthdays**

**Jan. 15 - John, W3ML**

**If your birthday has not been listed, it is because I do not have the date for it. If you would like it to be included in a newsletter, please email me the date. Thanks w3ml@w3ml.com**

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## **Starke County Amateur Radio Club Weekly 2 Meter Net is on every Saturday at 8:00 p.m. Central time.**

DAY OF WEEK: Saturday 8:00 p.m. Central time

HOST: KN9OX Repeater

FREQUENCY: 145.410 - 600

PL TONE: 131.8

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### **Several New Items Added to the List**

**Very Few Items Left From Last Collection of K9QA Gear.**

**If you see something on his list that you would like make me an offer.**

**See all the For Sale Items at**

**<http://www.w9joz.org/forsale.htm>**

**There are a lot of them there. Updated regularly.**

**See the For Sale Page on the Club website. If you have items to sell email me a list with prices and contact information.**

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## **Notice for 2022**

**\*\*\*\* Dues for 2022 remain at only \$12.00 a year. \*\*\*\***

**Paid Members for 2022:**

- 1. Bob, KD9IHY**
  - 2. Jack, WA9ZTP**
  - 3. Linda, KC8PKY**
  - 4. Bryan, KE9ML**
  - 5. Levi, WA9CAO**
  - 6. Paul, N9QYK**
  - 7. Ed, KD9MVW**
  - 8. David, KC9OBH - President**
  - 9. John, W3ML - Secretary/Treasurer**
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**Please stay a member and pay your dues for 2022.**

**Dues may be mailed to:**

**John Poindexter  
204 South Main St.  
Knox, IN 46534**

**Checks can be made out to the Starke County Amateur Radio Club. \$12.00**

John W3ML

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**New Year Dues 2022 still only \$12.00**

**We had over a dozen members not pay dues in 2020 & 2021. It would be nice to have them back in 2022.**

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**HELP! HELP! HELP!**

**It does not appear that the library is going to relent and allows us to meet at 7:00 pm. Therefore, we need to locate a new place that will allow our 7:00 pm meeting. We need your help in finding this place. It could be a church, civic organization building anywhere that we can use that is free.**

**If you know of place or can arrange for a place for us to meet, it will be greatly appreciated.**

**You can let David, KC8OBH or John, W3ML know.**

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***For Sale***

**Signalink USB Sound Card Interface-\$75.00**



**NEW** in open box. Includes cables for Elecraft K3-K3S. (Compatible with other rigs with proper cables) Supports all computer program digital modes and digital voice modes, **WITHOUT** using your computer sound card. Retail for \$125 up.

### **Collins 30L-1 HF Amplifier (Winged Emblem)- \$695.00**



The Collins 30L-1 is a grounded grid linear amplifier using four 811 A or 572B triode tubes. The amplifier is rated to deliver 1000 watts PEP power input on SSB and 1000 watts average on CW for all bands. It can be driven by most 70-100 watt exciters. Finished in the same light gray as Collins' classic S/Line equipment and the KWM-2A. Can operate off of 120 or 220 volt service.

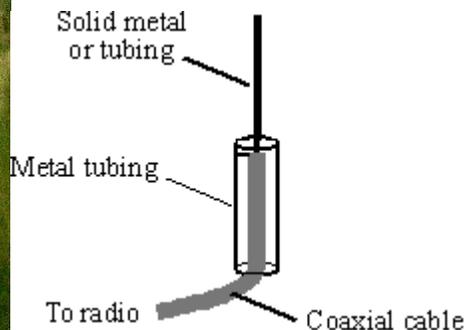
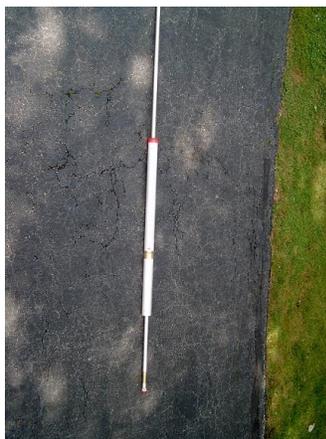
The 30L-1 provides SSB and CW operation and covers the 80, 40, 20, 15, and 10 meter bands; however, provisions were made for general coverage operation. Automatic load control provides maximum talking power without over-driving and distortion, resulting in a cleaner signal.

The tubes can be replaced without removing the unit from the cabinet. With the meter switch in tune position, the 30L-1 tunes by simply adjusting the loading and tuning controls to zero the meter.

This unit is in **VERY GOOD** condition. Four matched 572B tubes are installed. A matched set of 811A tubes are included.

### **Andrew 2-Meter VHF Antenna- \$110.00**

Andrew Corp. Type 161-3 coaxial type wide band VHF vertical antenna. 144-150.8 MHz Mil-Spec, very heavy duty construction for intended for commercial service. Never used. Andrew Corp. sold these for approximately \$800.00 each. Unit is about 114 inches long.



**Contact Steve Mollman-KD9HL**

[KD9HL@arrl.net](mailto:KD9HL@arrl.net)

**Wayne, K9KFT is selling these items because of huge medical bills.**

1. MFJ ALS-1306 6-160 meter automatic amplifier comes with Yaesu cables.  
Asking only \$2600.00. About a year old. Like New.



2. Heathkit 6 meter Amplifier 900 - 1000 watts. \$800.00



3. Daiwa CN-801 20 and 2000 watt SWR/Power Meter \$100.00



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## Commemorative December 1915 QST download

12/28/2021

We apologize for the delivery issue of *The 1915 Commemorative QST* download offer on Christmas Day.

The link below will provide ARRL Members with access to the document.

<http://www.arrl.org/qst-reissue>

Editor Note: I downloaded this magazine and it is really nice to look back at what was going on then.

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## 2022 Indiana QSO Party

Hello Indiana Radio Club Leaders,

Yes, it is already time to be thinking about INQP 2022--the contest runs twelve hours beginning Saturday, May 7, 11:00 AM EST (10:00 CST). It is a great opportunity for members of your club to have fun and for the club to benefit from the many activities the event provides.

Club competition is one fun aspect of the QP, offering the satisfaction of joint club effort toward a common goal and possibly just sharing time together. Multi-op stations can help new ops learn from old hands while still providing individuals the fun of managing pile ups. Club members operating alone at fixed stations (home) or in other classes can identify their club affiliation on their log for an aggregate club score with the top club earning a trophy sponsored by the ARRL Indiana Section.

Rare counties will be a focus again this year. The counties identified as "rare ones" for 2022 are Benton, Carroll, Cass, Dearborn, Fountain, Randolph, Rush, Scott, Spencer, and Switzerland. More detail to follow.

The hope is that Covid-19 will be sufficiently under control by May to have a "normal" pre-covid format. However, if the situation warrants, the 2022 rules will be adjusted as appropriate.

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The 2022 Rules will be posted on the web later.  
We hope to see your club in the Indiana QSO Party on May 7th.

73,  
Len Litvan AE9LL  
Member, HDXCC

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## 3Y0J DXpedition to Bouvet Island Updates its Progress

12/30/2021

Two new team members of the upcoming 3Y0J DXpedition to Bouvet have come aboard to replace, in part, three operators who have determined they'd be unable to make the trip — Sandro Nitoi, VE7NY; Laci Radócz, HA0NAR, and Dimtry Zhikharev, RA9USU. Joining the 3Y0J crew will be Cezar Trifu, VE3LYC, and Otis Vicens, NP4G. A third replacement has not yet been named.

“Their experience will be a great addition to the team,” the DXpedition team said in a media release announcing the personnel changes and updating the DXpedition’s planning process.

Ken Opskar, LA7GIA; Rune Øye, LA7THA, and Erwann Merrien, LB1QI, are sharing leadership duties.

The 3Y0J team has also been busy selecting the gear that they will need once they reach the subantarctic island. Arctic Lavvo of Norway will supply the team with its Venor Gamme tent. “Arctic Lavvo will deliver custom-made tents to the project, [which will] include three tents for radio operation and sleeping. The manufacturer, having its factory at 70° north, is taking the extra step to ensure their high-quality products will sustain the Bouvet climate.”

The tent, which stood up to winds of 40 meters per second (nearly 90 MPH) when it was tested in extreme conditions on Svalbard, will be improved further by adding extra guying levels and by strengthening the aluminum frame.

Silcom of South Africa will supply custom masts for the Yagi antennas that are rated for the Bouvet environment. The aluminum mast will be used for the tribanders, while the smaller, galvanized steel mast will support dual-band Yagis. “All masts have been through detailed engineering to optimize the technical specification and rating to fit our InnovAntenna/WiMo Yagis,” the DXpedition team said. The square, telescoping masts have tilt-over functionality and “can easily handle [winds of] 45 meters per second at an elevation of 10 meters.”

“We’re taking preparation to the next level by procuring a [Zodiac Milpro inflatable boat],” the team continued. “The strategic decision to buy the [boat] will enable us to train [for] the critical beach landing in Norway. Having access to the exact same Zodiac we will use at Bouvet is just another step we have taken to ensure the success of this DXpedition,” the team said.

So far, the team has expended more than \$130,000 of its total estimated cost. “We have reached an income level of \$500,000, but still critically need an additional \$160,000 in support to be able to make it,” the DXpedition said. “Going to Bouvet is a huge undertaking financially, as all our expenses are upfront.”

Follow the team’s plans via its [website](#) or the 3Y0J [Facebook page](#). View Bouvet Island from above in a short [YouTube video](#).

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# Observations of Over-the-Horizon Radar Interference in Ham Bands Top All Others

12/15/2021

The volume of reports of over-the-horizon (OTH) radar interference from observers working with the International Amateur Radio Union ([IARU](#)) Region 1 Monitoring System (IARUMS) dwarfs that of all other interference sources, the [November IARUMS newsletter](#) reports. Nearly 800 OTH radars were observed during November alone, and the total number of reports for the year is more than 4,500 — although that number likely includes multiple reports of the same OTH radar systems. While the intruder watcher is focused on IARU Region 1, much of the major interference it recounts can affect the amateur bands in the world’s other two IARU regions. IARUMS has tracked most OTH radar signals to sites in Russia and China, but a [recent report](#) indicated that India has an OTH radar system in the works. IARUMS is calling the system “of concern,” although it’s not known what frequencies it may use.

During November 17 – 21, IARUMS reported a “strange, somewhat washed-out signal” on the order of 7 kHz wide, that “drifted slowly back and forth” in 40 meters and below.

“The first evaluation suggested a double-sideband signal,” the newsletter said. “Wolf, DK2OM, could determine the symbol rate at 2400 bps. It was probably a signal from the family of single-tone 1800 Hz [8-PSK] modulated modems.”

Some IARUMS stalwarts made multiple time-difference-of-arrival (TDoA) observations that pinned the signal’s source to east-southeast of Toulouse, France, not far from a French Naval radio station. The signal disappeared on November 21.

IARUMS said it’s been observing wideband radars — likely of Chinese origin — with bandwidths of up to 160 kHz at 10 sweeps per second. In November, however, reports began to accumulate of radars — or perhaps a combination of OTH radar signals — with bandwidths of up to 360 kHz. “It was also often observed that the [OTH radar] shifted its frequency back and forth, which is also sometimes the case with the [Chinese] ‘Foghorn’ systems,” IARUMS said. In the Far East, IARUMS speculated, such a signal could blanket the entire 40-meter band.

Ongoing is the “radio war” between Russia and Ukraine, which IARUMS said has been “a constant nuisance for years.” The broadcasts are heard on 7050 and 7055 kHz, as well as on other frequencies.

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## Free Items

These are items that I have collected over the years and have no use for.

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1. Yaesu FF-501 DXC (52 ohm) Low Pass Filter
2. Comet Duplexer CF 416. 1.3-150 MHz -- 400-504 MHz
3. Anderson Power Poles 75 and 45 Amp. Several of each type.
4. Three Antenna Mounts. One is a Trunk Lip Antenna Mount w/cable. One is for using Mobile Antenna Sticks as a dipole.
5. Quick Disconnects for Antennas
  6. Two RG8U with PL259s 3 feet long
  7. Two RG214 with N connectors 18 inches long.
  8. One RG214 with right angle N connectors 16 inches long
  9. One RG214 with right angle N connectors 56 inches long
  10. One Ventev TWS- 400 Low Loss braided coaxial cable 6 feet long.
  11. Cable with 1/4 phone plug to 1/4 phone plug. Approx: 3 feet long
  12. Heavy Duty Fan (computer type)
  13. Heavy duty heat sink
  14. Mobile Mount
15. CW Keyer. This was a kit I made years ago. Last time I checked it still worked.

Contact John W3ML at [w3ml@w3ml.com](mailto:w3ml@w3ml.com)

If you have something for the newsletter, please send it to me before the 25th of the month.

See you at a meeting.

73

*John*, W3ML

