

# W9JOZ

Volume 11, Issue 11

November 2021

**Meeting at Library at 5 pm on:  
November 18th**

**Fox hunts cancelled until next spring**

**Hope to see you at the meeting.**

**73**

**John, W3ML**



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
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## Events

**Next Meeting is at the Knox Library  
November 18th at 5 pm.**

## Birthdays

**Nov. 21 - Chester, KA9FAW**

**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**

**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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***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.

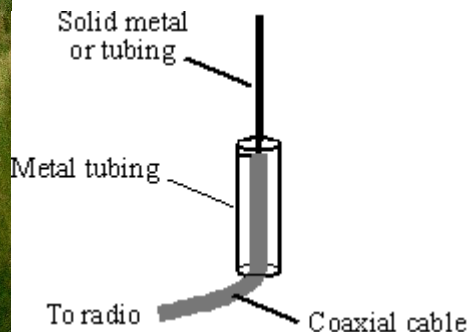
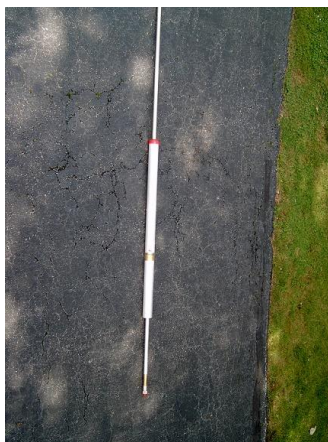
The 30L-1 provides SSB and CW operation and covers the 80, 40, 20, 15, and 10 meter bands; however, provisions were made for general coverage operation. Automatic load control provides maximum talking power without over-driving and distortion, resulting in a cleaner signal.

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)

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Wayne K9KFT has two items for sale.

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



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



# ARRL Clean Signal Initiative on the horizon

By Dan Romanchik, KB6NU

In recent message to his Northwest Division membership, Mike Ritz, W7VO, described a new program that he's gotten the ARRL to take on—the Clean Signal Initiative. He writes:

“After a few months gathering support from the amateur community for the project, the ARRL Clean Signal Initiative (CSI) is finally getting off the ground. The Board's Programs and Services Committee approved the concept several months ago, and since then I have been canvassing some of the best known RF engineers in amateur radio to get their support and input. As a result, the team will be conducting our first Zoom call next week to lay out the next steps for the project. All I can say at this time is that there are some amateur radio “heavy hitters” behind this, and I believe will be a game changer for the ARRL.

For those that may be unaware of this project, here is a synopsis (or at least my vision):

1. The CSI gets the ARRL formally in the “technical standards” business. (Other technical organizations already do it: IEEE, UL, ASTM, and SAE, and others.) The ARRL currently tests new products to informal standards, with no real hard benchmarks for manufacturers to meet, other than the minimal standards outlined in FCC Part 97.307.

2. Creates and incorporates documented “best practice” standards and testing methodologies to ensure commercial amateur radio transmitters and amplifiers meet not only minimum FCC requirements for signal cleanliness, but push the envelope.

3. These new standards can be “home grown”, or passed through the IEEE, but I think it's important they be also branded as “ARRL Technical Standards.”

4. Test new commercial transceivers and amplifiers against these standards.

5. Certify the transmitters and amplifiers that pass the standards: “CSI certified by the ARRL.”

6. Work with manufacturers to ensure compliance of those that don't. (Market pressure will drive this.)

7. Market the program to the amateurs through QST.

8. Work with manufacturers and social media experts to create training materials to teach hams how to set up their equipment to ensure the cleanest transmitted signals. (This education part is key!)”

Rob Sherwood, NC0B, of Sherwood Engineering, who is most well-known for his ranking of receiver performance (<http://www.sherweng.com/table.html>), is part of this effort. You can see a video of a talk that he gave recently to the Sutton & Cheam Radio Society by going to <https://youtu.be/IioApKRecrI>. Also on the committee is Ward Silver, N0AX.

Based on my knowledge of how IEEE standards committees work, I stressed that the initiative should make every effort to get as many stakeholders—including manufacturers and users—involved as possible. Involving so many people may be cumbersome at times, but standards require consensus for them to be effective, and the only way to do that is to get everyone involved. I'd suggest that if you feel that you have something to contribute that you contact Mike directly. His email address is w7vo@arrl.org.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (<https://KB6NU.Com/study-guides/>), and often appears on the ICQPodcast (<https://icqpodcast.com>). When he's not worry about how clean his signal is, he operates CW on the HF bands and teaches ham radio classes.

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## 3Y0J DXpedition to Bouvet Island Confirms November 2022 Activation

10/27/2021

The [3Y0J Bouvet Island DXpedition](#) team says that with its first deposit on its contract to have the SS *Marama* provide transportation to Bouvet, it has confirmed its plans to activate the second most-wanted DXCC entity in November 2022.

“It is a huge task and undertaking to go to Bouvet, and we still critically need additional upfront support to close the budget,” said the amateur radio DXpeditions team of co-leaders Ken Opskar, LA7GIA; Rune Øye, LA7THA, and Erwann Merrien, LB1QI. The DXpedition announced that two more operators will join the adventure, taking the number to 13.

Dave Jorgensen, WD5COV, is an avid DXer and experienced DXpeditioner. He is vice president of the Intrepid-DX Group, which had hoped to mount a DXpedition to Bouvet before its plans broke down.

The second new team member, identified as “Peter,” is described as “an experienced captain and expedition leader.” Peter has experience in offshore, uncharted, and remote polar sailing, and he “specializes in supporting some of the most complex expeditions in the Arctic and Antarctica.” He will oversee the Zodiac landings and serve as a digital mode (FT#) operator.

“Our preparation for Bouvet includes planning, constructing, and testing a system for landing Zodiacs safely, [and] this will be tested in rough sea in Norway before and after Christmas,” the 3Y0J team said in its news release. “We plan for safely landing the Zodiacs in different manners also with some swell, unmanned, and with less risk for operators. And we prepare for the event that Zodiacs are capsizing, and we still can retrieve the equipment. We have done the first prelim sea trials of the Zodiac equipment in Norway and will continue sea trials to further mature the concept.”

According to the announcement, the team plans to use a gasoline-engine powered winch to lift equipment up a cliff to the operating site. This will also be tested in Norway. “We plan to access the 25-foot cliff with professional means and, if needed, prepare for climbing and bolting a short route to gain access.”

The DXpedition has secured the services of experts having a lot of experience at and around Bouvet Island. “With all these upcoming events and the knowledge in the extended team, rest assured this will be a well-planned and well-executed project,” the team said.

Follow the DXpedition team’s plans from its website and the 3Y0J [Facebook](#) page.  
<https://www.arrl.org/news/3y0j-dxpedition-to-bouvet-island-confirms-november-2022-activation>

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## **GEOMAGNETIC STORM WATCH IS IN EFFECT FOR 30-31 OCT.**

published: Monday, November 01, 2021 00:17 UTC

“A G3 (Strong) Geomagnetic Storm Watch is in effect for 30 – 31 October, 2021, following a significant solar flare and Coronal Mass Ejection (CME) from the sun that occurred around 11:35 a.m. EDT on Oct. 28. Analysis indicated the CME departed the Sun at a speed of 973 km/s and is forecast to arrive at Earth on 30 October, with effects likely continuing into 31 October.

When the CME approaches Earth, NOAA’s DSCOVR satellite will be among the first spacecraft to detect the real time solar wind changes and SWPC forecasters will issue any appropriate warnings.

Impacts to our technology from a G3 storm are generally nominal. However, a G3 storm has the potential to drive the aurora further away from its normal polar residence and if other factors come together, the aurora might be seen over the far Northeast, to the upper Midwest, and over the state of Washington.



For additional information about [space weather](#), [geomagnetic storms](#), [aurora](#) and [viewing tips](#), and [CMEs](#) – click the terms. NOAA's Space Weather Prediction Center is the official source for space weather forecasts, watches, warnings and alerts. Visit [www.spaceweather.gov](http://www.spaceweather.gov) for updates. Learn about [Solar Cycle 25](#).”  
Quoted from NOAA website below:

<https://www.swpc.noaa.gov/news/geomagnetic-storm-watch-effect-30-31-oct>



It seems winter is near. No more playing with flowers for this guy.



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

