

# Northwest Indiana DX CLUB

Volume 12, Issue 10

October 2024

## President's Corner

The next meeting is October 11th.

Sugarbowl Restaurant in Michigan City.

Time is Noon (12:00 CST)

73

John W3ML

Good DXing!

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Meeting Feb. 9<sup>th</sup>  
12:00 Noon  
Sugar Bowl Michigan City

## "Working the World from the Black Hole"

NWI DX Club Website

<http://nwidxclub.weebly.com/>



Don't forget Steve Mollman is our QSL Card Checker.

DXCC Card Checking is available by appointment and may be available at meetings. E-Mail [kd9hl@arrl.net](mailto:kd9hl@arrl.net) for an appointment or to make other arrangements.

**NORTHWEST INDIANA DX CLUB OFFICERS AND STAFF**

<b>President</b>	<b>John Poindexter W3ML</b>	<a href="mailto:w3ml.john@gmail.com">w3ml.john@gmail.com</a>
<b>Vice President</b>	<b>Jerry Hess W9KTP</b>	<a href="mailto:dxer340@gmail.com">dxer340@gmail.com</a>
<b>Newsletter Editor</b>	<b>John Poindexter W3ML</b>	<a href="mailto:w3ml.john@gmail.com">w3ml.john@gmail.com</a>
<b>W9NWI Trustee</b>	<b>Steve Mollman KD9HL</b>	<a href="mailto:kd9hl@arrl.net">kd9hl@arrl.net</a>
<b>Webmaster</b>	<b>John Reardon W9YOU</b>	<a href="mailto:kd9ron@arrl.net">kd9ron@arrl.net</a>
<b>ARRL Card Checker</b>	<b>Steve Mollman KD9HL</b>	<a href="mailto:kd9hl@arrl.net">kd9hl@arrl.net</a>
<b>DX Alert Coordinator</b>	<b>Bill South N4SV</b>	<a href="mailto:wbs099@yahoo.com">wbs099@yahoo.com</a>

**Reminder, the NWIDX Club has a club call W9NWI.**

The call is available to members for use during contests, special events, Field Day, etc. To schedule dates for its use, contact the trustee, Steve Mollman – KD9HL.

[kd9hl@arrl.net](mailto:kd9hl@arrl.net)

QSL cards are available.

**Notice:**

**Articles in the Northwest Indiana DX Club Newsletter (except for those separately copyrighted) may be reprinted, provided proper credit is given.**

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**RE-ANNOUNCEMENT**  
**of**  
**MOON BOUNCE PRESENTATION**  
**BY**  
**Dave Chasey, N9FN**

As many of you know, Dave was not able to attend our July meeting. Fortunately he has agreed to make his presentation on EME (Earth, Moon, Earth) or better known as Moon Bounce at our next meeting tentatively scheduled for October 11, 2024. Hear about the history, technology, his accomplishments and how you may be able to join the Moon Bounce crowd with equipment you already have. Hope to see you there since there will not be a ZOOM link for this meeting.

73's,  
 Jerry, W9KTP

***-W9NWI Station License  
 Renewed-***

The FCC has renewed the license of W9NWI, the official station of the Northwest Indiana DX Club. The new license expires September 23, 2034.

Call Sign / Number	Grant Date	Expiration Date	File Number	Print Date	Effective Date
W9NWI	09-07-2024	09-23-2034	0011231382	09-07-2024	09-07-2024
Operator Privileges		Station Privileges		THIS LICENSE IS NOT TRANSFERABLE	
		CLUB		Special Conditions / Endorsements:	
				NONE	
ATTN: STEPHEN T MOLLMAN NORTHWEST INDIANA DX CLUB 204 SOUTH MAIN ST KNOX, IN 46534			 <small>(Licensee's Signature)</small>  <small>FEDERAL COMMUNICATIONS COMMISSION</small>		
AMATEUR RADIO LICENSE FCC Registration Number (FRN): 0023857709					

The station license is available for use by members for special operations and public service uses. Previous activations have included Boy Scout events, demonstrations and contests such as the Indiana QSO Party. Permission from the station trustee is mandatory before use. The guidelines for use of the club station license can be found on the club's web site. <https://nwidclub.weebly.com/filesforms.html> Contact the license trustee, Steve Mollman-KD9HL [KD9HL@arrl.net](mailto:KD9HL@arrl.net) for more information.

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# Question of the Month

*(The correct answer is at the end of the Newsletter)*

**Joe Taylor-K1JT, the main developer of the popular ham program WSJT-X (Weak Signal Joe Taylor), has received many awards. What award hasn't he received?**

- A. Albert Einstein Medal**
- B. Nobel Prize for physics**
- C. Cy Young Award**
- D. Having an Asteroid Named after him**

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## What Do You Think?

By

**Steve Mollman-KD9HL**

A new version of the popular digital program FT8 hit the airways a few months ago with the label "SUPER FOX". The first wide spread test was from American Samoa (K8K) and then followed by the Jarvis Island Dxpediton (N5J). What made SuperFox unique were two improvements over the old Fox/Hound mode.

First is the SuperFox mode behaves operationally like the old-style Fox and Hounds mode but uses a new constant envelope waveform for Fox's transmissions. Messages can be transmitted simultaneously to as many as 9 Hounds with no signal-strength penalty, resulting in a system gain of about +10 dB compared to the older Fox-and-Hound operation with 5 slots.

The second is a "SuperFox Key" which allows WSJT-X to operate in SuperFox mode. It is tied to a specific callsign. A SuperFox Key may be made available to a DXpedition activating a rare entity — or other operations that need to support very high QSO run rates using FT8. Proposed examples include (but are not limited to) highly desired IOTA expeditions, Grid Square expeditions, or Special Event Stations. SuperFox mode is not intended for casual use or contesting. The Key is also intended to provide a check against pirates masquerading as rare DX. When you make a successful SuperFox contact the key will be transmitted to you.

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The SuperFox Key is controlled and issued by the Northern California DX Foundation (NCDXF) with Rich Seifer-KE1B as the NCDXFSuperFox Key Administrator.

It didn't take long before several persons hacked the coding and were on the air using SuperFox. Pirates appeared purporting to be rare DX including North Korea (P5) and Mount Athos-(SV2RSG/A). One ZL even used his own call sign. The ZL posted a message defending his actions as being within the spirit of amateur radio by demonstrating the experimental facet of the hobby. It must be assumed that the persons doing this are also of the same ilk as those who are DX Pirates and deliberately QRM other stations.

In another instance, a complaint was registered on the WSJT-X Board about the NCDXF handling of the SuperFox key:

*"I find it odd the amount of 3D2xxx calls added to the list especially as the last one is an everyday call there that I have worked for years and is not a DXpedition. It seems a prejudicial process, and I can understand the complaints. It would be nice to have a access system not limited to the privileged inner circle."*

KE1B's response:

*"Geez! People complain when I \*DON'T\* issue a key, and people complain when I \*DO\*."*

*Yes there are four 3D2 callsigns that have been issued keys. ALL OF THEM are DXpeditions to Rotuma, which is #63 on the Clublog Most Wanted list. Two of the keys are for a single DXpedition (3D22 and 3D2V) starting next week. One is for a local Fijian who plans to go to Rotuma in the near future.*

*NONE of those issued keys for Rotuma is in any way in an "inner circle". In fact, the holder of the 3D22 and 3D2V keys has been a long outspoken critic of the NCDXF. Nevertheless, he generates a LOT of QSOs, and his operation will surely benefit from the use of SuperFox. (In fact, he claims to be the world's most prominent generator of FT8 QSOs, with more in his expedition logs than anyone else, and I have no reason not to believe him.)*

*It's a coincidence that I received multiple requests for Rotuma back-to-back. I took a lot of grief for not initially issuing a key for KH8T, on the logic that the just-prior operation by K8R on American Samoa would greatly reduce the demand for yet another group. I was wrong, and issued them a key during their operation. I did the opposite with Rotuma, granting keys to everyone who requested one with a legitimate expectation of making a large number of FT8 QSOs, and STILL I get grief.*

By the way, **THAT'S THE CRITERIA**: A combination of entity rarity (as measured on the Clublog Most Wanted List) and expected number of FT8 QSOs (which is a function of the number of operators, operating positions, and intent of the team). No consideration of who is "friend or not", no consideration of who gives or doesn't give money to NCDXF, no consideration of anything except the above.

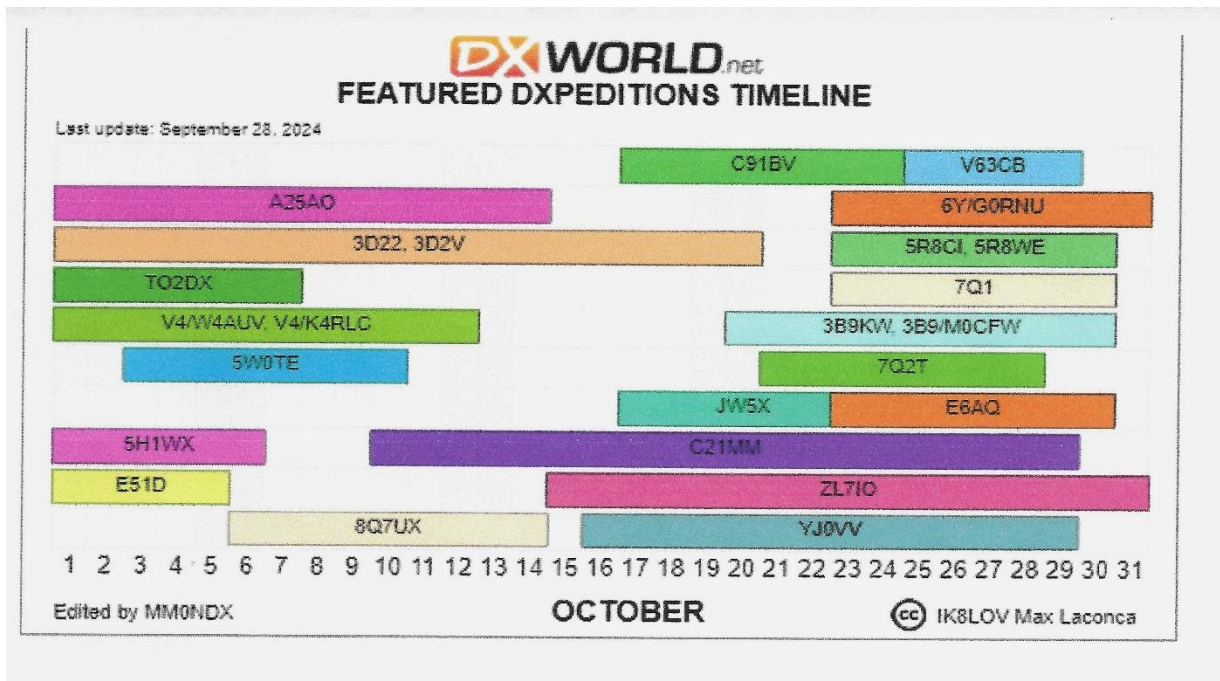
If you are sending a serious team to a Top 100 entity and are planning a major FT8 operation, that rates a key. Even Top 150 with an ambitious plan is good enough. A once-in-a-decade grid square in the hard-to-get-to place for a day or two, sure. A Holiday DXpedition to Turks & Caicos for a week, probably not. I made a special exception for the current ZD9GJ expedition: While this is a one-man operation and is focused on 6m EME, the op explained that openings can be very short, and the ability of SuperFox to get very high run rates could really help out during these short openings. An interesting idea, and worth a shot. Remember, this is all new stuff, and we want to learn as much as we can."

It seems that SuperFox is going to be a valuable tool in the DX arsenal, but there are individuals that are either unhappy with the process or others who want to subvert it for their own mischievous purposes.

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Addendum: For the official listing of approved Superfox stations:

<https://ncdxf.org/pages/sfkey.html>



# DX NEWS

**From:** Tedd Mirgliotta (KB8NW) via Ohio/Penn DX Bulletin  
[opdx+kb8nw\\_at\\_hotmail.com@gaggle.email](mailto:opdx+kb8nw_at_hotmail.com@gaggle.email)

The following has been posted online by a few sources:  
Ken, LA7GIA, reports (SEPTEMBER 17th, 2024):

This is a logistically challenging project, where ships and helicopters have to be coordinated, contracts have to be made well in advance. We have studied several offers for ship and helicopter services, in line with the scope of this project. Due to the postponement from 2025 to 2026, we also had to renegotiate the terms. We are now in the final stage of negotiating the ship and helicopter contracts for the 3Y0K DX expedition to Bouvet Island planned for 2026 ([www.3y0k.com](http://www.3y0k.com)). We have agreed on the important price elements in these contracts and will publish more information once we have all the full details.

For now, our goal is to fully fund this trip in advance. This is a major DX expedition where we are also partnering with a small private group to share the cost and risk of this expedition. In addition, funding for this trip is highly dependent on us building a team of 20 operators to fund the budget. We are 14 operators and are actively looking for another 6 operators to complete the team . As we approach the final stage of negotiations, we are again asking for anyone who would like to join our team to take part in this once in a lifetime adventure. We estimate that we will stay on the island for 21 days and the total duration should be around 40 days. If you would like to join our team, please contact ([admin@3y0.no](mailto:admin@3y0.no)) or Cezar, VE3LYC, directly. For Peter I, we are still looking for another 3 operators before the team is complete.

73, 3Y0K Team

DX-World.net reports (edited):

Operators Mladen/9A2NA, Rolando/9A3MR, Livio/9A7Y and Zik/DK8ZZ/YT3ZZ will be active from Tubuai, Austral Islands (OC-152), between April 25th and May 7th 2025. Their main focus will be on human modes with some



FT8/FT4. They have already applied for a special TX callsign. QSL via DK8ZZ. Look for more details to be forthcoming.

After his September operation (QRT on the 18th), Take, JG8NQJ, will once again be active as JG8NQJ/JD1 from Marcus Island, Minami Torishima (OC-073, JCG 10007), sometime in mid-November for possibly 3 months. He is usually there to work on the island's weather station. Activity will be limited to his spare time. Usually he will be mainly on 17 meters, but may try 40/30 meters and will also be on 20/15/12/10/6 meters using CW (possibly RTTY), with an Yaesu FT-450M with 50w into 2 element HB9CV (17/15m) or a dipole (12m). QSL via JA8CJY direct (SAE & 2 USDs) or by the Bureau via JG8NQJ.

From QRZ.com:

Operators Bob/W7YAQ and Al/K7AR will be active as FW7AA from Vaimalau, Wallis Island (OC-054), between November 16-29th. Activity will probably be geared for the CQWW DX CW Contest (November 23-24th), so watch for operations on 160-6 meters. After the contest, operators will head to Nadi (OC-016), Fiji, and be active as 3D2NB between November 30th and December 2nd. QSL both callsigns via W7YAQ, ClubLog's OQRS or LoTW.

**From:** Tedd Mirgliotta (KB8NW) via Ohio/Penn DX Bulletin  
<opdx+kb8nw\_at\_hotmail.com@gaggle.email>  
**Sent:** Saturday, September 21, 2024 01:07  
**To:** opdx@gaggle.email  
**Subject:** [Ohio/Penn DX Bulletin] OPDX and the DLARC

I am pleased to announce that Kay Savetz, K6KJN, curator of the Digital Library of Amateur Radio & Communications (DLARC), has informed me that all of the OPDX Bulletins have been archived at the DLARC. The DLARC is a project of the Internet Archive (the not-for-profit online library best known for The Wayback Machine). DLARC is growing to be a massive online library of the past and present ham radio articles and related communications. It is funded by a grant from Amateur Radio Digital Communications. You can see what they have so far at:

<https://archive.org/details/dlarc>

All of the archive OPDX Bulletins, from March 1, 1991 (DX Bulletin No. 001) to October 31, 2022 (DX Bulletin No. 1586), are now available for viewing

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at: <https://archive.org/details/ohio-penn-dx-bulletin>

You can use the search "text contents" field to do a full-text search on all issues, or click "Date Published" to see them sorted by publication date. The collection description states: "Focused on amateur radio DX news, Ohio/Penn DX Bulletin was one of the first free amateur radio bulletins to be distributed on packet clusters and the internet. It was published by Tedd Mirgliotta KB8NW for 31 years."

It is highly recommended to visit the DLARC Web site. You will be surprised at the amount of DX info and amateur radio material (ham club newsletters, Amateur Radio magazine, radio manuals...etc.) that has been archived (like Carl Smith's, N4AA/SK, DX Magazine by DX Publishing, Inc.).

Enjoy the new addition and 73 de Tedd KB8NW

----- Forwarded message -----

From: Günter Gaßler  
Date: Wed, Sep 11, 2024 at 10:46 AM  
Subject: VK9X, VK9C

Dear OM Bill,

I hereby announce our next DXpedition, which will bring us to VK9X Christmas Island and to VK9C Cocos (Keeling) Island in Feb/Mar 2025. We will be a team of five experienced DXers under my lead – four from Germany (DL2AWG, DF4GV, DL2AMD, DJ9RR) and one from Australia (VK6SJ).

Operation will be from Feb 18 to Mar 4 from Christmas Island, and from Mar 4 to Mar 12 from Cocos Keeling. We will operate three stations 24/7, all with 500W PAs, in CW, SSB, FT8, RTTY. Planned antennas: 20m-6m Hexbeam, 160/80m vertical, 40m-10m DX-Commander vertical, 30m J-Pole, 17/12m Rhombic.

All flights and accommodation are booked and confirmed. We have valid CEPT licenses for VK9 (i.e. VK9/homecall), but we are in the application process for genuine VK9 licenses (callsigns to be announced as soon as issued).

I will keep you posted.

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73 de  
G. Gassler  
DL2AWG

**From:** Tedd Mirgliotta (KB8NW) via Ohio/Penn DX Bulletin  
<opdx+kb8nw\_at\_hotmail.com@gaggle.email>  
**Sent:** Monday, September 23, 2024 14:33  
**To:** opdx@gaggle.email  
**Subject:** [Ohio/Penn DX Bulletin] Other Possible DXCC Entity Like the Vatican & SMOM???

A compound in Tirana, the Albanian capital, may become the "Sovereign State of the Bektashi".

In "The New York Times", dated September 21st, the headline reads "Albania Is Planning a New Muslim State Inside Its Capital... Prime Minister Edi Rama says he wants to give members of the Bektashi, a Shiite Sufi order, their own Vatican-style enclave as a way of promoting religious tolerance." Read the article at:

[https://www.nytimes.com/2024/09/21/world/europe/albania-tirana-muslim-state-bektashi.html?unlocked\\_article\\_code=1.MU4.f0q2.iENmWlmdmop0](https://www.nytimes.com/2024/09/21/world/europe/albania-tirana-muslim-state-bektashi.html?unlocked_article_code=1.MU4.f0q2.iENmWlmdmop0)

It was also mentioned in the "euro news", dated September 21st, "Albania announces plan to create a Bektashi-run Vatican City-like microstate.... If all goes to plan, the so-called 'Sovereign State of the Bektashi Order' will become the world's smallest state, just a quarter of the size of Vatican City." Read the article at:

<https://www.euronews.com/2024/09/21/albania-plans-to-create-sovereign-micro-state-for-sufi-muslim-order>

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## Question of the Month Answer:

**Joe Taylor-K1JT, the main developer of the popular ham program WSJT-X (Weak Signal Joe Taylor), has received many awards. What award hasn't he received?**

**Answer: C. The Cy Young Award.**

The Cy Young Award is given annually to the best pitchers in Major League Baseball. Although Joe Taylor played scholastic sports, he never played professional baseball.

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Joe, along with his brother Hal, first obtained amateur radio licenses as teenagers. Together they erected numerous large, rotating antennas above the roof of their family's three-story Victorian farmhouse. Their radios were mostly built from a mixture of post-war surplus equipment and junk television sets, which led him to the field of radio astronomy. Joe is well known in the field of amateur radio weak signal communication and has been assigned the call sign K1JT by the FCC. He had previously held the callsigns K2ITP, WA1LXQ, W1HFV, and VK2BJX.

His amateur radio accomplishments have included mounting an 'expedition' in April 2010 to use the Arecibo Radio Telescope to conduct moon bounce with Amateurs around the world using voice, Morse code, and digital communications.<sup>[3]</sup>

He has been active in developing several computer programs and communications protocols, including WSPR and WSJT ("Weak Signal/Joe Taylor"), a software package and protocol suite that utilizes computer-generated messages in conjunction with radio transceivers to communicate over long distances with other amateur radio operators.

WSJT is useful for passing short messages via non-traditional radio communications methods, such as moon bounce and meteor scatter and other low signal-to-noise ratio paths. It is also useful for extremely long-distance weak signal contacts.



Tom W8FIB sent this in:

## **ABOVE THE CLOUDS - WPEC ANTENNA ROTATION**

<https://www.youtube.com/watch?v=bbx5xLcvm4w>

Premiered Aug 4, 2021 [WEST PALM BEACH](#)

A team of skilled professionals wrestle an 8-Ton Television Antenna on top of a 1,000 foot tower in South Florida.

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ARRL from Director

This is definitely worth watching. It's not pretty. Start it at 10:00

[https://sedxc.org/sedxc/zoom/zoom\\_09.19.2024.mp4](https://sedxc.org/sedxc/zoom/zoom_09.19.2024.mp4)

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# **New WSJT-X Beta Version Released**

## **Many Improvements to Super Fox/Hound**

**By Joe Taylor-K1JT**

Dear WSJT-X Users,

We are pleased to announce that Release Candidate WSJT-X 2.7.0-rc7 is ready for download and use by beta testers. This revision has many improvements to SuperFox mode: better decoding, more reliable message sequencing, and an open source, cryptographically sound verification scheme for Fox transmissions.

On-the-air tests have shown that SuperFox is capable of sustained QSO rates well in excess of 300 per hour. We heartily recommend that future DXpeditions expecting to make very large numbers of QSOs should use SuperFox. Instructions for usage can be found in the SuperFox User Guide: [https://wsjt.sourceforge.io/SuperFox\\_User\\_Guide.pdf](https://wsjt.sourceforge.io/SuperFox_User_Guide.pdf)

Additional details on program changes since RC6 can be found in the Release Notes:

[https://wsjt.sourceforge.io/wsjt-x-doc/Release\\_Notes\\_2.7.0-rc7.txt](https://wsjt.sourceforge.io/wsjt-x-doc/Release_Notes_2.7.0-rc7.txt)

Release Candidates are intended for beta testers. If you download and use WSJT-X 2.7.0-rc7, please provide relevant feedback on the new features and anything that does not seem to work properly for you. If your report involves something related to received signals, be sure to provide one or more saved \*.wav files that illustrate the perceived problem. As a general matter, use the

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option "Save all" when testing.

Direct links to installation packages for Windows, Linux, and macOS can be found on the WSJT-X page <https://wsjt.sourceforge.io/wsjsx.html> Scroll down to the heading "Candidate release: WSJT-X 2.7.0-rc7".

For those who like to compile from source, a source-code tarball is available on the WSJT-X page. Public access to the git repository for the WSJT project is also available on the "Git" tab here: <https://sourceforge.net/projects/wsjt/>

WSJT-X is licensed under the terms of Version 3 of the GNU General Public License (GPL). Development of this software is a cooperative project to which many amateur radio operators have contributed. If you use our code, please have the courtesy to let us know about it. If you find bugs or make improvements to the code, please report them to us in a timely fashion.

The authors and Copyright holders of WSJT-X request that derivative works should not publish programs based on features in WSJT-X before those features are made available in a General Availability (GA) release of WSJT-X. Currently this caution applies to all SuperFox and SuperHound features. We will cease making public Release Candidates if this request is ignored.

Feedback should be sent to this email list or one of the of the others mentioned here in the User Guide:

<https://wsjt.sourceforge.io/wsjsx-doc/wsjsx-main-2.7.0-rc7.html#SUPPORT>

We hope you will enjoy using WSJT-X 2.7.0-rc7, and that you will help us to create a new General Availability (GA) release soon.

-- 73 from Joe, K1JT; Steve, K9AN; Nico, IV3NWV; Uwe, DG2YCB;  
Brian, N9ADG; John, G4KLA; and Charlie, DL3WDG.

# 52<sup>nd</sup> FORT WAYNE HAMFEST & Computer Expo

Sponsored by Allen County Amateur Radio Technical Society



**Carl Luetzelschwab K9LA**  
ARRL Central Division Director

**Brent Walls N9BA**  
ARRL Central Division Vice Director

**Bob Burns AK9R**  
ARRL Indiana Section Manager

**Mike Alley W9MSK**  
ARRL Indiana Section Emergency  
Coordinator

**November**  
**16 & 17**  
**2024**

**SAT 9 AM to 4 PM**

**SUN 9 AM to 2 PM**

**Admission: \$8 Sat &  
Sun**

**\$4 Sun only**

**Children under 12 free  
(with adult)**

Ham Radio License Testing All Classes (\$14)  
9 AM till 12 PM Saturday

WAS & DXCC Card Checking and CQ  
Awards

Youth Lounge (under 12 accompanied by adult)

New & Used Ham Equipment Dealers  
Main & Hourly Door Prizes

2 Rooms of Special Interest Forums All Day  
Saturday

Talk-in Radio Frequency 146.880 (-) PL 141.3

Tables: \$30 Regular, \$50 Premium, \$35 Electricity  
Drive Directly to Your Table for Setup

**Allen County  
War Memorial Coliseum  
4000 Parnell Ave  
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73,000 sq. ft. all indoors  
(Coliseum Parking \$8 per  
vehicle)**

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Hamfest General Questions:  
Email: [FM@acarts.com](mailto:FM@acarts.com)  
Table Questions:  
[tables@fortwaynehamfest.com](mailto:tables@fortwaynehamfest.com)  
Mail: PO Box 10342, Fort Wayne,  
IN 46851  
Phone: (260) 579-2196







# FOR SELL ITEMS

**FREE** Astron LS-10A 28 VOLT DC POWER SUPPLY. No shipping. Power Supply Weight: 18.00 lbs. Contact John, W3ML



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**For Sale, Cushcraft A3S tri-band HF Yagi, 10, 15 and 20 meters, with the 30/40 meter add-on.**

**This antenna is just over 2 years old. It worked fine for me, but I soon realized I needed coverage for more bands (WARC) so I replaced it with a new 5 band Yagi. This A3S is in great shape and the price is very good. Look up this antenna now and it is \$799 at DX Engineering for the basic tri-band antenna only, add the A-743 30/40 meter add on and that's an additional \$349, that's \$1200 today, plus you have to pay for shipping and tax, likely \$1400 or more when all is said and done. My price to you, at almost 1/3 the cost of a new one is \$500, or make me an offer. I'll deliver no charge within the NWI region, or you can pick up in La Porte, IN. Its a great tri-band, or 5 band when you add the 30/40 meter add-on.**

**Contact me if interested,  
Bill, N4SV,  
[wbs099@yahoo.com](mailto:wbs099@yahoo.com)**

**If you have ham items for sale, email me a list along with prices and contact information. I will put it in the next newsletter.**

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**Let me know when an item is no longer for sale so I can remove it.  
For Sale items will be removed from the newsletter after 3 months.**

**I want to thank those that have been sending in articles for the newsletter. All items are appreciated.**



Until Next Time,  
73

*John*

W3ML

President Northwest Indiana DX Club

<http://nwidxclub.weebly.com/>



**DX**

**THANKS**

*Thanks for visiting!*

