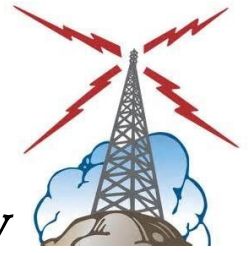




# SLATS

*St. Louis Amateur Television Society*



**MARCH 2023 | ISSUE NO. 3**

## **SLATS Wednesday Nite Net**

Time: Every Wednesday at 19:00 hours  
Call Back Frequency: Frequency: 144.340  
WØKE Repeater

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## **ON THE NEWS FRONT**



## **QSO Today Virtual Ham Expo Will Return March 25-26, 2023**

The QSO Today Virtual Ham Expo is the first and only on-line amateur radio convention, since August 2020.

<https://www.qsotodayhamexpo.com/>

# WØATN NEWS FRONT

The repeater station computer being worked on by members Armand KDØPXF and Mike KBØFX.



## Repeater Update



## Repeater Update

Work continues on the WØATN/R SLATS repeater. Thanks to Mike KBØFX and Armand KDØFX, video up streaming the output of the WØATN/R repeater to the internet is now working and currently being tested. Media Player VLC's "Network stream" is used to gain access. A scrolling info banner and the club's logo are displayed when the link to the repeater has been made. Thanks to Earle for his Spectrum BW to make it all happen. General availability will be announced in the near future.

Next, remote configuration for the new HV-202EN modulator/transmitter will be installed. AVSender for the HVO202EN will then be available in a browser. Initial testing within a LAN has proven this works quite well. Config changes without visiting the repeater site can then be made.

The repeater's COMARK commercial TV driver/amplifier (thanks to Mike, WA6SVT!) which has worked flawlessly since installed, was repositioned in the repeater rack to allow more space in the rack for future equipment. The amplifier is just "loafing along" now waiting for warmer weather and installation of our new Newtronic's (Hustler) Spirit transmitter antenna.

A BIRD panel wattmeter replacing the Daiwa was recently installed. Forward and reverse power is measured with the flip of its front panel FWD/REV switch. Thanks to Earle, WDØFCH for the Bird 30uA meter and Herschel, WA9KIA for the panel.

The repeater's PC failed to run the Linux script for connecting to the NASA videos. Armand found the BIOS battery had died. The web browser was also updated. The PC should be re-installed back at the repeater site in the next week or so.

Recently, the repeater's hardware Media Player failed with a low audio output and had to be replaced. It is now working fine again. As a member of SLATS, do you have a short video that would be appropriate for the media player? If so, please send to Rich, KBOCCL and it will be added to the player.

Rich, KBOCCL, (our SLATS newsletter distinguished editor) would like to update the repeater's information and SLATS member's shack video. If you have any updates in your shack, please record a minute or two of video and send it to Rich at your earliest convenience.

And remember...GOTA!

73, Mel, KØPFX

## **Presentation for SLATS Wednesday Night Nets**



I have completed a 6 part power point presentation on how to homebrew a project for interfacing the HiDes TX/RX to an RF Amplifier, PreAmp, Antenna and DC power. The interface makes operating DATV much easier while providing the functionality needed for the mode. This interface is very similar in design to the ones I have built in the past which have been proven reliable and work well. I hope new SLATS members would find the presentation useful in building the interface they may need for their HI Des transmitter and receiver to work ATV and our club's repeater.

The presentation includes 6 parts: (1) recommended hand tools, (2) selection of parts/PCBs/enclosures, (3) mechanical layout (4) hand wiring tips/techniques, (5) parameters for HIDES TX/RX, (6) and final checkout/performance testing. Following these guidelines will help ensure your homebrewing will be a rewarding success. Even if you don't need to build this interface now, I believe you will find the methods presented can be applied in the design and construction of your next homebrew project.

I am planning to start the presentation beginning Wednesday March 22<sup>th</sup>. I'll spend about 15 to 20 minutes in each net until the presentation is completed. I'd like to hear from the members to see if there is enough interest to take the net time for the presentation. Questions and comments will be taken at the end of each session, however I'd like to avoid taking up too much time for these since others will have info for the net also. You may always ask me after the net.

Drop me an email or let me know on .34 talk-back if you would like to see the presentation.

Thanks

Mel, KØPFX

**LATEST NEWS ON THE ICOM IC-905 RADIO**



**IC-905 VHF / UHF / SHF All Mode Portable with FM ATV!**

The IC-905 is an industry-first all-mode transceiver with 44/440/1200/2400/5600 MHz coverage. 10 GHz with the optional CX-10G transverter.

[Icom IC-905 VHF/UHF/SHF All-Mode Transceiver Information](#)

[Icom IC-905 Release Dates](#)

**ITEMS FOR SALE OR GIVE AWAY:**

<b>Free VHF/UHF Sweeping Oscillator</b>
Give an item away for free
Name <b>Earle Young</b>
Call Sign <b>wd0fch</b>
Phone (optional) +13143066646
Email <a href="mailto:wd0fch@yahoo.com">wd0fch@yahoo.com</a>
Brief Description of item <b>VHF/UHFSweeping Oscillator 1.1-1360 MHz with 200-1050 MHz(P121) and 900-1360 MHz (P122FA-1) plug-in.</b>
Details, price, condition, etc. This item has been sitting on shelf for a couple years now and is free for pickup in St Louis. Operation and maintenance manual included.



**Ham Radio Quick Links:**

[Amateur Television Network](https://www.atn-tv.com/)

[ATN Repeater video streaming](https://www.atn-tv.com/events/streaming)

[ATN on YouTube](https://www.youtube.com/AmateurTelevisionNetwork)

[ATN on Whereby.com](https://whereby.com/atn1)

[TAPR - Tomorrow's Ham Radio](https://tapr.org)

**DIGITAL ATV**

[Digital Amateur Television D-ATV](https://www.dxzone.com/catalog/Operating_Modes/Digital_ATV/)

**YouTube Videos**

[Dave Casler KEØOG - YouTube Videos](https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ)

[Solar Index & Propagation Made Easy](https://www.youtube.com/user/TheSmokinApe)  
**The SmokinApe**