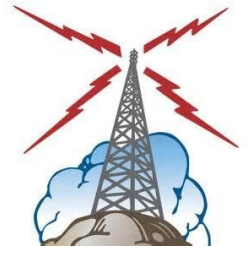




SLATS



St. Louis Amateur Television Society

FEBRUARY 2024 | ISSUE NO. 2

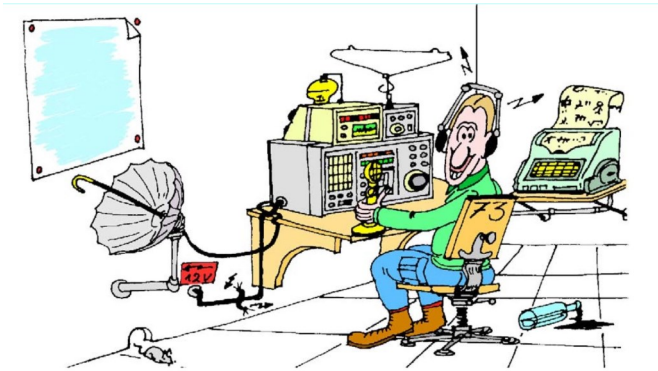
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ON THE NEWS FRONT



NET CONTROLLER
FOR
FEBRUARY



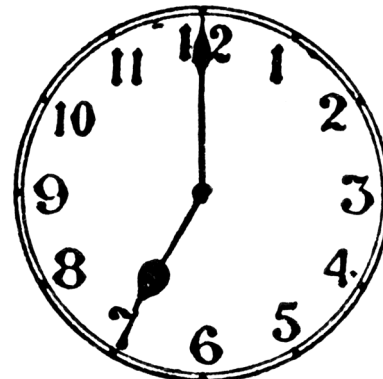
**RICH
KBØCCL**

REMEMBER !

**Wednesday Night
Net**

7:00 p.m.

Using the ATV repeater and
2 meter 144.340 MHz



FROM THE PRESIDENT'S DESK



Soldering:

Although there has been hundreds of articles on 'How to solder' here is a good one from this month's "Radio" World" publication. It is for both beginners and experienced technicians.

https://issuu.com/futurepublishing/docs/rwm1262.digital_ns?fr=sYzkwNTY4ODEzOTk

Mel, K0PFX

SLATS Repeater update:

Some 2024 goals for improving the repeater's operation include:

- 1 - Add the "On-the-Air" LED signage
- 2 - Run more tests in an effort to find cause and fix the intermittent receive interference
- 3 - Improve receiver's down streaming IP quality to minimize screen freezes and audio interrupts
- 4 - Add user upstreaming with secure login
- 5 - Add HIDEs Receiver and Transmitter remote control for on-the-fly changes of configuration parameters
- 6 - Add "Nomachine" remote control software for Inovato's Quadra – Hamclock application
- 7 - Look for ways to reduce HDMI port switching latency including possible integration of a Blackmagic ATEM mini

If you have a change/addition/feature you would like to see the repeater have then, please let me know.

...and remember "GOTA!"

Mel, K0PFX

You might want to send out an email ASAP reminding everyone to GOTA for the SLATS NET tonight!

Thanks,

LAND USE RESTRICTIONS ON AMATEUR RADIO

Senators Roger Wicker and Richard Blumenthal Introduce S.3690 to Eliminate Private Land Use Restrictions on Amateur Radio

02/14/2024

On January 30, 2024, US Senators Roger Wicker (MS) and Richard Blumenthal (CT) introduced [S.3690](#), the Senate companion bill to H.R.4006, [introduced last June](#). Both bills reflect the Congressional campaign efforts by [ARRL The National Association for Amateur Radio®](#) to eliminate homeowner association land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator to install and operate amateur station antennas on residential properties they own.

Amateur Radio Operators repeatedly are relied upon to provide essential communications when disaster strikes, but their ability to do so is being impaired by the exponential growth of residential private land use restrictions that hinder their ability to establish stations in their homes with which to train and provide emergency communications when called upon.

In announcing the introduction of S.3690, Senator Wicker said: “Because communication during natural disasters is often hindered, we should be making every attempt to give folks more options. Reliable access can make the difference between life and death in an emergency. Our legislation removes roadblocks for amateur radio operators looking to help their friends, families, and neighbors.”

In a similar announcement, Senator Blumenthal stated: “Our measure will help clarify the rules so ham radio enthusiasts can successfully continue their communications. In the face of emergency or crisis, they help provide vital, life-saving information that allow listeners to properly and safely respond, but prohibitive home association rules and confusing approval processes for installing antennas have been an unnecessary impediment. The Amateur Radio Emergency Preparedness Act resolves these bottlenecks and ensures that radio operators can function successfully.”

ARRL President Rick Roderick, K5UR, and Director John Robert Stratton, N5AUS, Chair of the ARRL’s Government Affairs Committee, both extended on behalf of ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Senator Wicker and Senator Blumenthal in their continuing efforts to support and protect the rights of all Amateur Radio Operators.

SLATS

ITEMS FOR SALE OR GIVE AWAY

FREE SHIPPING Portable Brady BMP 21 + Plus Label Machine FREE SHIPPING

Sell an item

Name

Gary Leu

Call Sign

N0GL

Phone (optional)

+16367345914

Email

n0gl@charter.net

Brief Description of item

Portable Brady BMP 21 + Plus Label Machine

Like new in excellent condition Brady BMP21-PLUS Label Printer is tough on the outside and smart on the inside. BMP21-PLUS has ultra rugged construction and world class materials combined in a toolbox-ready fit-in-your-palm label printer that produces continuous-only labels up to 3/4" wide. Choose from 70 label parts across 8 incredibly durable materials including self-laminating wire markers, **heat-shrink wire sleeves**, cable flags, 8-to-10-year outdoor vinyl, nylon cloth wire and panel labels, terminal block and patch panel labels, and chemical-resistant polyester and polypropylene. When it comes to durability, the BMP21-PLUS has heavy-duty molded-rubber impact bumpers , and it has been drop-tested to MIL drop-test standards. Industry-specific features include backlit display for low-light work areas, one-touch setup for aire, flagging, T-block, patchpanel and breaker box apps, and 125 symbols for electrical, datacom, A/V, smart home and safety. Unique features include a built-in label grabber device that prevents your cut label from falling to the ground after it's cut, one-handed label cut operation, and an optional magnet accessory for mounting the printer to a metal panel or surface for hands-free operation. Operates on (6) AA batteries included. Price: \$160. **SALE \$135 FREE SHIPPING WITHIN U.S.**



YAESU FT 847 ~ HF/50/144/430 Mhz

Sell an item

Name

Earle Young

Call Sign

WDØFCH

+13143066646

Email

wd0fch@outlook.com

Brief Description of item

Yaesu FT 847 with mic, CW filter and external International Radio VOX Box. Details, price, condition, etc.

Includes original manual and shipping box. Price is \$800.00 plus shipping.

Very good condition



ICOM IC-7000 with LDG-7000 AUTO TUNER

Sell an item

Name:

Earle Young

Call Sign

WDØFCH

Phone (optional)

+13143066646

Email

wd0fch@outlook.com

Brief Description of item:

Icom IC-7000 with matching external auto tuner.

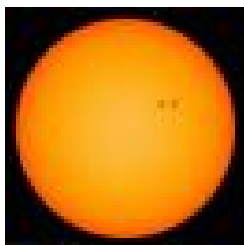
Details, price, condition, etc.

Offered with mic, matching LDG-7000 external auto tuner, manual and cables. Price is \$900 + shipping. Less shipping if local pickup. Good working condition



LINKS:

SOLAR UPDATE



[The K7RA Solar Update \(arrl.org\)](http://arrl.org)

SLATS REPEATER DVB-T WØATN

Technical Summary

Coordinates: 38.72126N -90.46454W, Grid Square: EM48sr [What3Words](#)

Elevation: 671 ft AMSL, 80 foot tower

Transmitter: 426.000 MHz Vertical polarization, DVB-T Modulation 16 QAM @ 4Mhz Bandwidth, Video PID 641, Audio PID 642, HiDes HV100 with DCI BP Filter in output line.

Output Power: 426.000 MHz: (DVB-T) 15 Watts

Receiver: HI Des HV110, 440.000 MHz, DVB-T, 4 MHz bandwidth, 16 QAM modulation

2meter Transceiver: 144.340 MHz for F1 audio input control of touch tones, ICOM-8000, Diamond 3.5db vertical at approx. 45 ft.

Coordination: Missouri Repeater Council (MRC) 2016

Sponsor: SLATS – St. Louis Amateur Television Society

Popular off the shelf equipment for High Definition receiving and transmitting is available at the [HiDes Company](#) and on [eBay](#).

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](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/](https://www.dxzone.com/catalog/Operating%20Modes/Digital%20ATV/)

YouTube Videos

Dave Casler KEØOG - YouTube

Videos <https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ>

Solar Index & Propagation Made Easy

The SmokinApe

<https://www.youtube.com/user/TheSmokinApe>