



# SLATS



St. Louis Amateur Television Society

MARCH 2025

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SLATS newsletter is published monthly on the 15th as the official newsletter for the St Louis Amateur Television Society.

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**Weekly Nets**  
7pm Fall/Winter  
8pm Spring/Summer  
WØATN 440 in 426out 4Mhz BW

**-ON THE NEWS FRONT-**

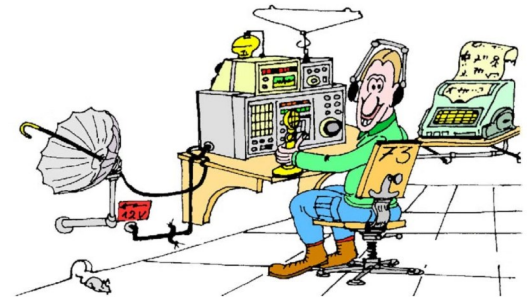
**SLATS offer to loan gear for prospective STL area ATV hams**

SLATS has ATV equipment for loaning out to prospective hams expressing an interest in getting on ATV. If this is you, then click (<https://slatsatn.net/want-to-try-atv/>) .



Typical Digital ATV Station. Just add a TV, camera and antenna.

**WØATN NET CONTROL  
FOR  
MARCH**



**VINCE  
KEØVE**

March 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
23	24	25	26 SLATS NET 7:00 p.m.	27	28	1
2	3	4	5 SLATS NET 7:00 p.m.	6	7	8
9	10	11	12 SLATS NET 7:00 p.m.	13	14	15
16	17	18	19 SLATS NET 7:00 p.m.	20	21	22
23	24	25	26 SLATS NET 7:00 p.m.	27	28	29
30	31	NOTES				



# FROM THE PRESIDENTS DESK

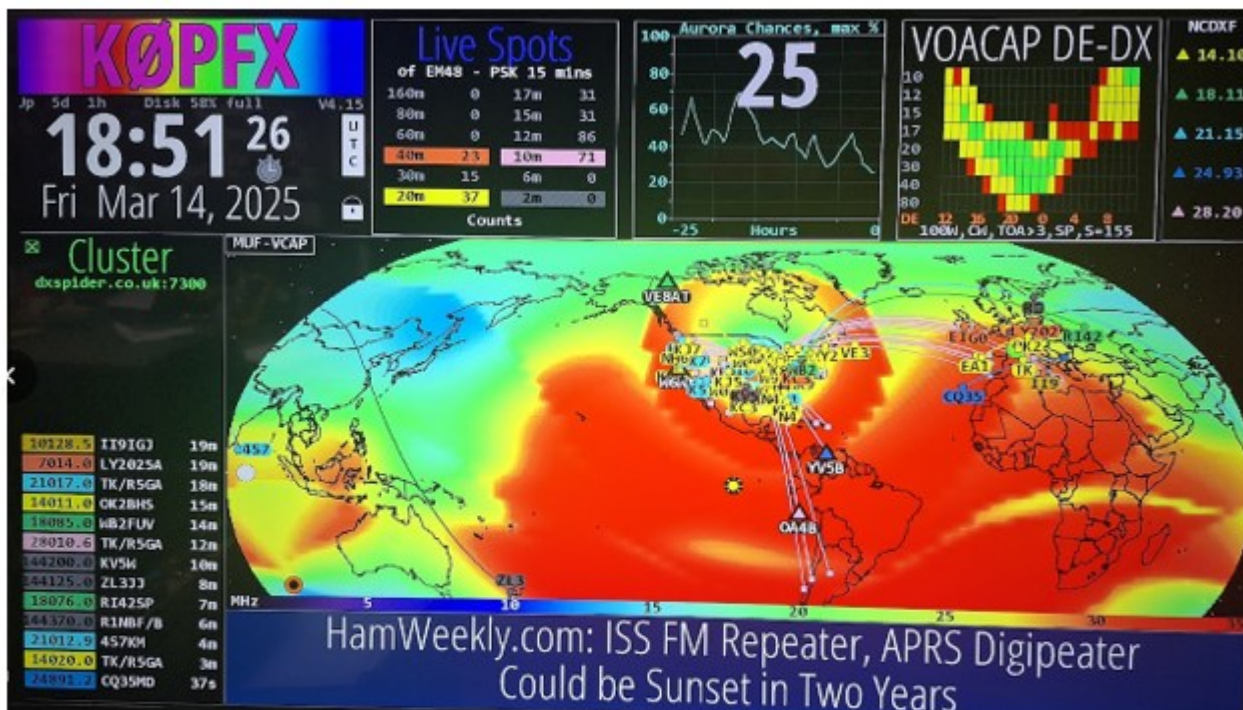
( Article submitted by: Mel KØPFX )

## Hamclock Hardware Update

Mel KØPFX



The new Inovato Quadra4K UHD (inovato.com)



“HamClock is a kiosk-style application that provides real time space weather, radio propagation models, operating events and other information particularly useful to the radio amateur.”

# **FROM THE PRESIDENTS DESK - continued**

( Article submitted by: Mel KØPFX )

The Inovato Quadra has new hardware with 4k (UHD) ultra-high-definition. I received mine this past week and connected it up my 43" ROKU 4k TV. Wow! Looks great with much better detail and over-all better streaming video quality. The new hardware is smaller in size than its predecessor and has two USB ports, HDMI, and slot for a micro SD card. Power is provided with a small 5v@2A wall wort.

The earlier model required a fan while this one does not. In addition, the 'QUADRA 4K" also has a scrolling display showing the CPU temperature, the IP address and the current Sunspot number. Its more than just a clock as it has many ham radio programs.

Several web sites describe how to configure Hamclock and of course videos as well. Just google "hamclock" and you'll see a listing of them. Ones I like are found here:

<https://qso365.co.uk/2024/01/hamclock/>

<https://www.clearskyinstitute.com/ham/HamClock/HamClockKey.pdf> .

And lastly, the new Quadra 4K has a setup mode that will run Hamclock on your home network so you may view it on other connected PCs and tablets in other locations. And, of course... it makes great "content" for discussion on ATV. You may then share your configuration with others. It's "demo" mode will help you see just what all it will do which is amazing. Hamclock will run on most Raspberry PIs (software is free). Vince, KE0VYE is running Hamclock on a RasPi and says it works swell.

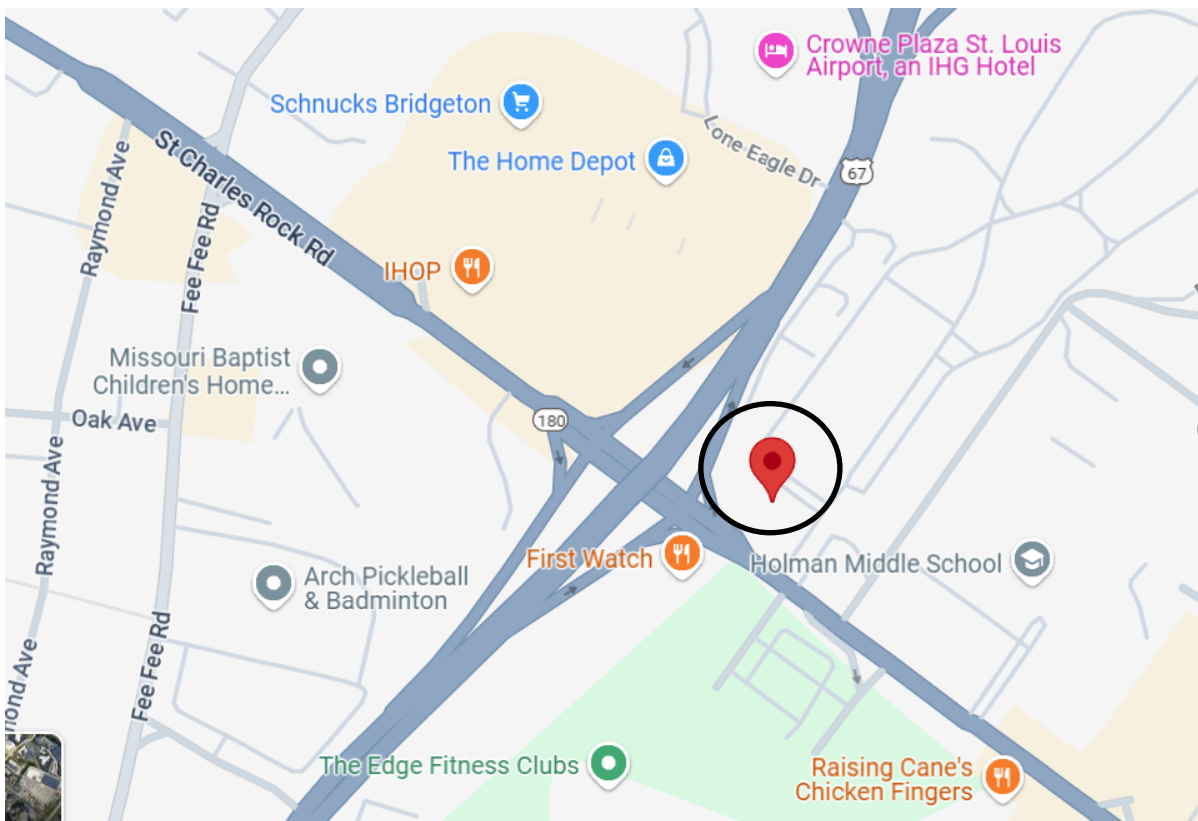
Oh, since I am writing this on 14<sup>th</sup> of March... I hope you had a Happy Pi Day! (*Pi Day, celebrated annually on March 14th, is a commemoration of the mathematical constant pi ( $\pi$ ), which is approximately 3.14, and often involves eating pie.*)

**HAM CLOCK 365:** <https://qso365.co.uk/2024/01/>

**HamClock 4.15 User Guide:** [HamClockKey.pdf](#)

## **OTHER NEWS**

Lorena Young, wife of Earle, WD0FCH visitation will be on Tuesday March 18<sup>th</sup> at the Alexander-White-Mullen Funeral Home and Mt Lebanon Cemetery, 1101 St. Charles Rock Rd., St Ann, MO 63074. I don't have confirmation on the time for visitation but will follow up with info when received or when it is available on the Funeral Homes website



**Alexander-White-Mullen Funeral Home and Mt Lebanon Cemetery**

[1101 Saint Charles Rock Road, St. Ann, MO 63074](https://www.google.com/maps/place/1101+Saint+Charles+Rock+Road,+St.+Ann,+MO+63074)

[314-739-1133](tel:3147391133)

Our thoughts and Prayers are with Earle and his family

# ITEMS FOR SALE OR GIVE-AWAY

**FREE 65" Sony TV**

65" Sony Smart TV (with remote) has a slight color shift on the left side of the screen. Everything else works fine. Pickup in O'Fallon. If interested please email gary@slatsatn.net

**WATTERS PROTAX 375 ANTENNA SWITCH**

I want to:  
Sell an item  
Name  
Mel Whitten  
Call Sign  
K0PFX  
Phone (optional)  
+13147391108  
Email  
[mel@melwhitten.com](mailto:mel@melwhitten.com)  
Brief Description of item  
Watters Protax 375 antenna switch  
Details, price, condition, etc.  
6 position HF switch with Amphenol SO239 connectors.  
Homebrew mounting plate.  
  
Used switched. Tested OK.  
  
\$10 Pickup at K0PFX QTH  
3219 Haas Avenue  
BRIDGETON, MO  
63044  
US

**MOSLEY TA-33 TRAPS**

I want to:  
Sell an item  
Name  
Mel Whitten  
Call Sign  
K0PFX  
Phone (optional)  
+13147391108  
Email  
[mel@melwhitten.com](mailto:mel@melwhitten.com)  
Brief Description of item  
Qty 8 Mosley TA-33 Traps  
Details, price, condition, etc.  
(8) Traps for Mosley TA-33. I don't know condition but physically /electrically they look OK. Some of the plastic black caps are cracked. Includes a box of parts from a TA-33.  
  
\$10 for all - Pickup at K0PFX QTH  
3219 Haas Avenue  
BRIDGETON, MO  
63044  
US



# ITEMS FOR SALE OR GIVE-AWAY

**LEGACY KENWOOD POWER CABLE**

I want to:  
 Sell an item  
 Name  
 Mel Whitten  
 Call Sign  
 K0PFX  
 Phone (optional)  
 +13147391108  
 Email  
[mel@melwhitten.com](mailto:mel@melwhitten.com)  
 Brief Description of item  
 Legacy Kenwood Power cable  
 Details, price, condition, etc.  
 An original Kenwood 13.8 DC power cable for a TS430/440/570/870 and other Kenwood legacy radios. Never used. In like new condition.

\$6.00 Pick up at my QTH – shipping will cost more than the cable but will ship if requested.  
 3219 Haas Avenue  
 BRIDGETON, MO  
 63044  
 US



**ICOM VHF/UHF 2820 WITH DV/GPS**

I want to:  
 Sell an item  
 Name  
 Mel Whitten  
 Call Sign  
 K0PFX  
 Phone (optional)  
 +13147391108  
 Email  
[mel@melwhitten.com](mailto:mel@melwhitten.com)  
 Brief Description of item  
 50 W ICOM VHF/UHF 2820H with DV/GPS (UT-123 w/ GPS antenna  
 Details, price, condition, etc.  
 ICOM2820H(G) with supplied factory accessories. Optional accessories include OPC-440 and OPC-441 Mic and Speaker Extension cables and Mobile Bracket (never used). RT Systems WCS2820 V4 disk with Serial Number for programming. (2) Manuals. Excellent Condition

**SALE \$600 \$500** pickup at K0PFX or plus UPS shipping + insurance



**ACOM 10 PORT HF-60MHz HIGH POWER ANTENNA SWITCH**

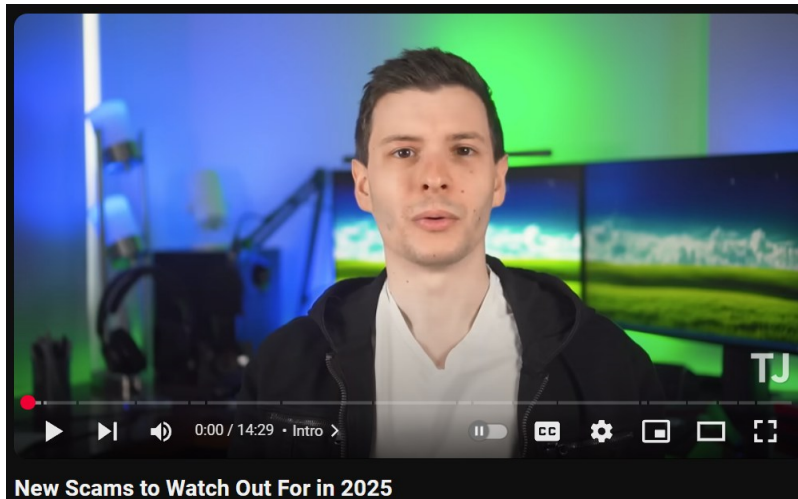
I want to:  
 Sell an item  
 Name  
 Mel Whitten  
 Call Sign  
 K0PFX  
 Phone (optional)  
 +13147391108  
 Email  
[mel@melwhitten.com](mailto:mel@melwhitten.com)  
 Brief Description of item  
 Acom 10 port HF-60MHz high power Antenna Switch  
 Details, price, condition, etc.  
 Designed to be used for remote antenna auto switching with the ACOM 2000 1.5KW amplifier. This is the "Cadillac" of antenna switches. Will handle up to 5KW with anti-hot switching self protection. Manual control is possible and compatible with other HF amps when used with a simple 4 bit BCD control code. Grounds unused antennas during operation providing excellent cross talk isolation. Switch was never used because I run a coax for each band to shack. Made to use at the base of the tower with coaxes feeding all the antennas coming down from the top of the tower with the controller inside the shack. See manual for more specs.

\$500 + UPS shipping and insurance or pick up at K0PFX QTH.

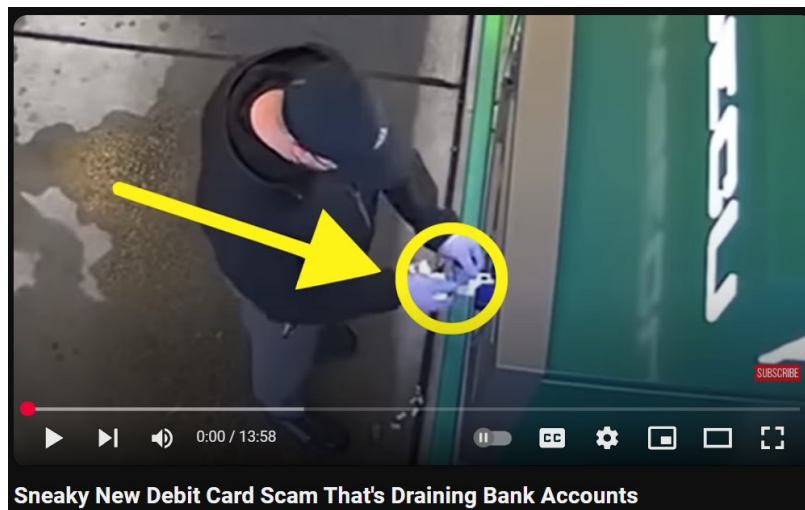


# **SCAMS OF THE MONTH**

Due to the times we are living in, we need to be more careful for our safety as well as for our family members. In an attempt to expose some of these scams and crimes that we are seeing and are going on all around us, I am trying to show how some of these scams and crimes are being done. Below are some of the things that might help everyone who is now living in this time and age.



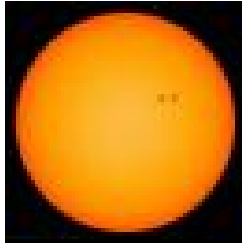
[New Scams to Watch Out For in 2025](#)



[Sneaky New Debit Card Scam That's Draining](#)

**LINKS:**

**SOLAR UPDATE**



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

**SLATS REPEATER DVB-T WØATN**

Technical Summary

**Coordinates:** 38.72126N -90.46454W, Grid Square: EM48sr [What3Words](#)  
**Elevation:** 671 ft AMSL, 90 foot Rohn tower  
**Transmitter:** HiDes HV-200Pro 426.000 MHz Vertical polarization, DVB-T 16QAM @ 4MHz Bandwidth, Video PID 641, Audio PID 642, DCI ATV BP RX/TX Filters  
**Output Power:** 426.000 MHz: (DVB-T) 25w Average  
**Receiver:** HV-110, 440.000 MHz, 4 MHz bandwidth, 16 QAM DVB-T  
**Antennas:** (2) New-Tronics Hustler Spirits, 9db 426TX and 440RX  
**Talk-Back radio:** 2 Mtr FM Diamond Antenna at 45 ft  
**Coordination:** Missouri Repeater Council (MRC) 2016  
**Sponsor:** SLATS – St. Louis Amateur Television Society (SLATS).

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](#)

**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>