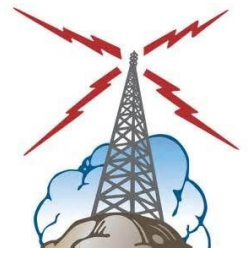




SLATS



St. Louis Amateur Television Society

MAY 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
Talk-back radio: 144.34 MHz

-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 CONTROLLER FOR MAY



**RICH
KBØCCL**

May 2025

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



Dayton May 16-18, 2025

Yes, it's that time of year again! Hamvention 2025 (actually in Xenia Ohio) Dayton. I think it will always be known as the *Dayton* hamfest not Xenia. The ATV forum this year will feature a new speaker from California, KD6DW. I think Joell will be talking about DVB-S and QPSK. His very well done 2020 presentations is on-line and may be viewed here: https://www.bay-net.org/uploads/1/2/2/7/122774721/digital_amateur_tv_kd6w.pdf I did a quick review of it and did not find any mention of High Definition (1920x1080p) or FPS. I think they use Standard Definition (SD) in his area of California. There is no description of his Dayton talk online. I'm looking forward to his presentation.

I will be moderating the HF Digital Modes Forum on Saturday morning. This year we have one of the authors, K6AQ speaking on FreeDV Digital's voice's new mode called "RADE" or RadioAutoEncoder. Version 1 (released earlier this past year), provides significantly improved voice quality and robustness in the presence of deep fades and weak signal/low SNR. It is better than SSB in these two attributes. W5YVY is the second speaker and he'll be providing an introduction to a new mode called FreeDATA. He'll show how well it works sending/receiving messages and data over HF. If you're on HF, I invite you to try these modes. Google them for their web sites and free software.

If you're not making the trip this year, plan for 2026! I'll be hanging out at the FreeDV booth (1909) and TAPR booth (5009-11) so be sure to drop by if you'll be there this year. If not, well... you must go at least ONCE in your lifetime, so start planning for 2026!

Mel, KOPFX

ESTATE SALES

A service to our families of Amateur Radio Operators in their time of need.

If you are interested in purchasing any of the items on this list please contact us ([use the form on https://slatsatn.net/estate%20sales/](https://slatsatn.net/estate%20sales/) see QR code) to make arrangements for payment (Cash Only) and pick up times. Also, if you have any questions, you may use the form and we will get back to you as soon as we can. We will also let you know if the item is still available, although, our hope is keep the list updated and remove or label sold items. Of course, everything is on a “first come – first served” basis. Thank you for your cooperation. This is not an easy task. The handlers are not compensated and are merely trying to help the families of the silent key.

* NOTE: To see a photo—hold down CTRL button and pick photo name, this will take you to the website to pick photo name

Nr.	ITEM	MFR	CONDITION	PHOTO	Est. Value
1	PK232MBX Multimode Packet Radio Controller	AEA	not tested	photo photo	\$75
2	ST3 Teletype Demodulator (W6FFC Irv Hoff design)	Mainline/Home Brew	not tested	photo	\$30
3	Model 28 KSR Teletype Machine	Teletype Corp	used/good	photo photo	Make Offer
4	AFSK Oscillator w/ Power supply	Homebrew	not tested	photo	\$10
5	Model FSC-250 Frequency Shift Converter	Electrocom	not tested	photo	\$35
6	Telegraph Sounder	Western Electric	not tested	photo photo photo	\$60
7	CR1 Crystal Receiver w/ headphones	Heathkit	not tested	photo	\$15
8	IB-1102 Frequency Counter (120 MHz NIXIE Tube (readout)	Heathkit	not tested	photo photo	\$80
9	Cantenna, Dummy Load (New, never used)	Heathkit	new	photo photo	\$20
10	HT-40 Transmitter (Sell only w/HA5 VFO)	Halicrafter	not tested	photo photo	\$80
11	HA-5 VFO (Sell only w/HT-40 Transmitter)	Halicrafter	not tested	photo	\$50
12	HQ110A Receiver w/ Matching S100 Speaker	Hammarlund	used/good	photo photo	\$150
13	MTPN1136A Base Station Power Supply (14.2 vDC, 2 Amp)	Motorola	not tested	photo	\$25
14	I95B Field Strength Meter	Bendix	not tested	photo photo photo	Make Offer
15	Model 441GG 420-450 MHz Amplifier w/Preamp	T.E. Systems	not tested	photo	\$350
16	R4C Receiver (S/N 24836) w/MS-4 Speaker	R.L. Drake Company	good	photo video	\$350
17	T4XC Transmitter (S/N 26137) w/AC4 Power Supply	R.L. Drake Company	good	photo	\$475

To save and print this list as an Excel Spreadsheet click below

[Estate-Sale-NB-Master-Pro.xlsx](#)

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* NOTE: To see a photo—hold down CTRL button and pick photo name, this will take you to the website to pick photo name

18	D104 Microphone	Astatic	good	photo	\$70
19	BC-939-B Antenna Tuning Unit	Halicrafter/US Signal Corp	unknown	photo	Make Offer
20	23-126 SWR Meter	Midland	not tested	photo	\$15
21	BC-652-A Radio Receiver (2-6 Mhz)	General Electric	unknown	photo	Make Offer
22	Master II Transmitter 29.6 MHz FM	General Electric	unknown	photo photo	Make Offer
23	NS663A SWR/Power Meter	Daiwa	good	photo photo	\$40
24	RT70/GRC w/AM-65/GRC Receiver/Transmitter Radio Amp	Govt. Surplus	unknown	photo	Make Offer
25	TS711A 144-148 MHz Multimode Transceiver (2-25 Watts) SOLD	Kenwood	good	photo	\$350
26	TS611A 430-459 MHz Multimode Transceiver (2-25 Watts) SOLD	Kenwood	good	photo	\$350
27	TS430S HF Transceiver	Kenwood	good	photo	\$325
28	35M 12 Volt 35 Amp. Power Supply (sell only w/TS430S)	Astron	good	photo	\$125
29	J38 Morse Code Hand Key	unknown	good	photo	\$15
30	IC2AT 2 meter FM Hand Held w/battery	Icom	not tested	photo	\$50
31	6 ft X 19 inch Rack Mount (on wheels with back door)	unknown	used/good	photo	\$80
32	HAM II Rotator w/Control Box	CDE	not tested	photo photo photo	\$150
33	Tail Twister Rotator w/Control Box	CDE	not tested	photo photo photo	\$300
34	HR2A 2 meter Xtal Controlled transceiver	Regency	not tested	photo photo	\$35
35	HR212 2 meter Xtal Controlled Transceiver	Regency	not tested	photo	\$45
36	4 Band Scanner Model 16S400 (crystal controlled VHF/UHF)	RCA	not tested	photo	\$45/2 ea
37	Realistic PRO 2006 400 Channel Programmable Scanner	Radio Shack	dim display	photo	\$25
38	13-857B CB Radio	Midland	not tested	photo photo	\$25
39	CB Radio Model KCB 4010	Kraco	not tested	photo photo	\$25
40	ESR1524 Satellite TV Receiver	Drake	not tested	photo	\$75
41	269 SWR Analyzer	MFJ	not tested	photo	\$125
42	0-6 Kilowatt Meter	Weston	unknown	photo	\$10

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* NOTE: To see a photo—hold down CTRL button and pick photo name, this will take you to the website to pick photo name

42	0-6 Kilowatt Meter	Weston	unknown	photo	\$10
43	AC Ammeter 5 Amp	Weston	unknown	photo	\$10
44	AC Voltmeter 15 – 30	Weston	unknown	photo	\$10
45	DC Voltmeter 10 – 500	Weston	unknown	photo	\$10
45B	DC Voltmeter 0 – 1	Weston	unknown	photo	\$10
46	Microammeter, DC (0-200)	Weston	unknown	photo	\$10
47	Meter, 10 Amp Amperes Plate Meter (BIG)	unknown	unknown	photo	\$15
48	Meter, Amperes, DC 0-200 (BIG)	unknown	unknown	photo	\$15
49	SP432VDG Preamp 432MHz specs	Advanced Receiver Research	unknown	photo	\$75
50	MASTR II Transmitter 29.6 MHz FM (duplicate)	General Electric			
51	TH6DXX 20-15-10 Yagi Antenna (Disassembled)	Hy-Gain	unknown	photo	\$100
52	432 MHz Stacked 5 Element antennas	Cushcraft	good	photo photo	\$80
53	2 Meter Ringo Ranger Antenna	Cushcraft	good	photo	\$45
54	2 Meter 7 Element Antenna	Cushcraft	good	photo	\$30
55	2 Meter 7 Element Antenna	Cushcraft	good	photo	\$30
56	2 Meter 11 Element Antenna	Cushcraft	good	photo	\$35
57	Video Tripod	Ambico	new/in box	photo	\$40
58	HF Amplifier	Homebrew	unknown	photo photo photo photo	Make Offer
59	RG-8 50 ohm coax cable (new on a reel) approx 100 feet	Belden	new/on reel	photo	\$80
60	Transmitter w/ Antenna Tuner (Condition unknown)	Military Surplus	unknown	photo	Make Offer
61	NMO-MM 5/8 wave 2 meter Magnet Mount Antenna	Larsen	good	photo photo	\$20
62	Speaker (looks like vintage Collins?)	unknown	good	photo	\$50
63	ARRL Handbooks Various years 1953 – 1970	ARRL	used	photo	\$5/ea
64	RCS-8V Remote Antenna Switch (new in box) PENDING SALE	Ameritron/MFJ	new/in box	photo photo photo photo	\$99

To save and print this list as an Excel Spreadsheet click below

[Estate-Sale-NB-Master-Pro.xlsx](#)

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* NOTE: To see a photo—hold down CTRL button and pick photo name, this will take you to the website to pick photo name

65	Model 375 6 Position Coax Switch	B&W	used/unknown	photo photo	\$30
66	Antenna Tuner (Capacitor & tapped coil)	Homebrew	unknown	photo photo photo	\$20
67	51M-8 VHF Receiver	Collins	unknown	photo photo photo	Make Offer
68	242F-5 RF Unit	Collins	unknown	photo photo	Make Offer
69	242F5CLF Power Supply	Collins	unknown	photo photo	Make Offer
70	MFJ 901B Versa Tuner	MFJ	new	photo photo photo	\$65
71	MC-425 Hand Held Microphone SOLD	Kenwood	used	photo	\$35
72	MC-435 Hand Held Microphone SOLD	Kenwood	used	photo	\$35
73	Type PA-5 Portable Alternating Current Voltmeter	Westinghouse	unknown	photo photo	\$50
74	CW Keyer	Homebrew	unknown	photo photo photo photo	\$5
75	MS-4 Speaker	R.L. Drake	Good	photo	\$80
76	23-136 SWR Meter	Midland	not tested	photo photo photo	\$25

To save and print this list as an Excel Spreadsheet click below

[Estate-Sale-NB-Master-Pro.xlsx](#)

Use the QR code below to go straight to the website



ITEMS FOR SALE OR GIVE-AWAY

ROKU 32" SMART TV

I want to:

Sell an item

Name

Mel Whitten

Call Sign

K0PFX

Phone (optional)

+13147391108

Email

mel@melwhitten.com

Brief Description of item

ROKU 32" SMART TV

Details, price, condition, etc.

New in-the-box-never-removed 32 inch ROKU TV. This is an HD 720p resolution set.

\$50 Pick up at my QTH

3219 Haas Avenue

BRIDGETON, MO

63044



WATTERS PROTAX 375 ANTENNA SWITCH

I want to:

Sell an item

Name

Mel Whitten

Call Sign

K0PFX

Phone (optional)

+13147391108

Email

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



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

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



PAGE 8 SCAMS / COMPUTER TIPS 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.



[FAKE CAPCHAS ARE TAKING OVER THE INTERNET](#)



LINKS:

SOLAR UPDATE



[The K7RA Solar Update \(arri.org\)](http://arri.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](http://HiDesCompany) and on eBay



Stan & Cliff have been working all day on installing my clothesline, Mary.

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>