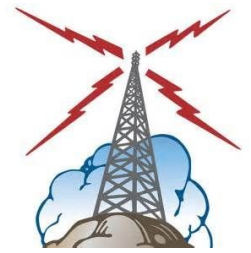




SLATS



St. Louis Amateur Television Society

JUNE 2025

IN THIS ISSUE

On the News Front

From the Presidents Desk.....Pg-2
Estate Sale Items.....Pg-3-6
Items for Sale or Give-away...Pg-7
Scams / Computers Tips.....Pg-8
Ham Radio Quick LinksPg-9

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

Rich, KBØCCL
Publisher
rnode12@gmail.com

Gary, NØGL
Webmaster slatsatn.net
n0gl@slatsatn.net

Weekly Nets
7pm Fall/Winter
8pm Spring/Summer
WØATN 440 in 426out 4Mhz BW
Talk-back radio: 144.34 MHz

June 2025

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

-ON THE NEWS FRONT-

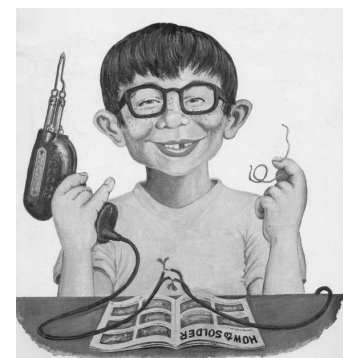
SLATS offer to loan gear for prospective STL area ATV hams

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 JUNE



MEL
KØPFX

FROM THE PRESIDENTS DESK



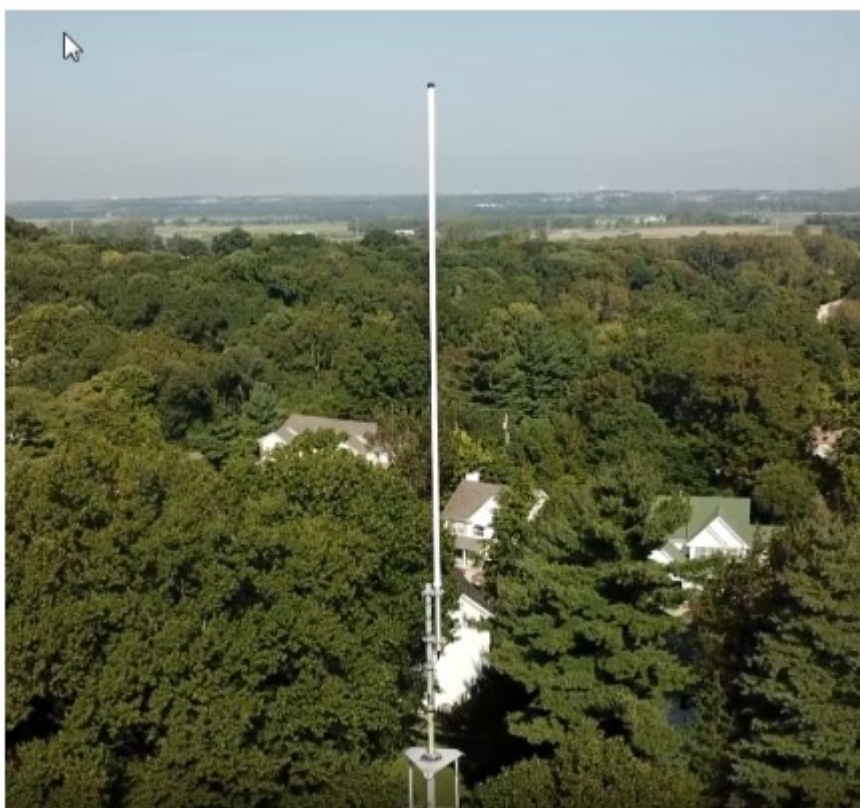
California's Mount Wilson

Here is an article about Mount Wilson and how it survived through all the forest fires on recent years. Recall, this is where Mike, WA6SVT worked when he was an engineer for NBC. 26 FM stations and 19 TV stations are located on the 5700 foot mountain top. Probably not a good SOTA location. It may be found here: <https://issuu.com/docs/6a3be73611550793f836546c1ded36c5?fr=sNWViMDgzNDQ3MjE>

De K0PFX

FLASH FROM THE PAST

**Drone footage of our repeater and antenna project
September of 2019 (see how we upgraded)**



*** PICK THE PICTURE TO START VIDEO**

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 below) 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.

Nr.	ITEM	MFR	CONDITION	PHOTO	Est. Value
1	PK232MBX Multimode Packet Radio Controller SOLD	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 SOLD	Heathkit	not tested	photo	\$15
8	IB-1102 Frequency Counter (120 MHz NIXIE Tube (readout)	Heathkit	not tested	photo photo	\$80
9	Antenna, Dummy Load (New, never used) SOLD	Heathkit	new	photo photo	\$20
10	HT-40 Transmitter (Sell only w/HA5 VFO)	Hallicrafter	not tested	photo photo	\$80
11	HA-5 VFO (Sell only w/HT-40 Transmitter)	Hallicrafter	not tested	photo	\$50
12	HQ110A Receiver w/ Matching S100 Speaker SOLD	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
18	D104 Microphone	Astatic	good	photo	\$70

19	BC-939-B Antenna Tuning Unit PENDING	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	N5663A SWR/Power Meter SOLD	Deiwa	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 430-450 MHz Multimode Transceiver (2-25 Watts) SOLD	Kenwood	good	photo	\$350
27	TS430S HF Transceiver PENDING	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 Antenna Analyzer SOLD	MFJ	not tested	photo	\$125
42	0-6 Kilowatt Meter	Weston	unknown	photo	\$10

Use QR code to go directly to website to see photos and other information. Refresh once you get there to update page.

PAGE 5

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	TH6BXK 20-15-10 Yagi Antenna (Disassembled) SOLD	Hy-Gain	unknown	photo	\$100
52	432 MHz Stacked 5 Element antennas SOLD	Cushcraft	good	photo photo	\$90
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 SOLD	Cushcraft	good	photo	\$35
57	Video Tripod	Ambico	new/in box	photo	\$40
58	HF Amplifier PENDING	Homebrew	unknown	photo photo photo photo	Make Offer
59	RG-8 50 ohm coax cable (new on a reel) approx 100 feet SOLD	Belden	new/on reel	photo	\$90
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	RC5-8V Remote Antenna Switch (new in box) SOLD	Ameritron/MFJ	new/in box	photo photo photo photo	\$90
65	Model 375 6 Position Coax Switch	B&W	used/unknown	photo photo	\$30

Use QR code to go directly to website to see photos and other information. Refresh once you get there to update page.

66	Antenna Tuner (Capacitor & tapped coil)	Homebrew	unknown	photo photo photo	\$20
67	51M-8 VHF Receiver PENDING	Collins	unknown	photo photo photo	Make Offer
68	242F-5 RF Unit PENDING	Collins	unknown	photo photo	Make Offer
69	242F5CLF Power Supply PENDING	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 PENDING	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
77	Push up mast (STEEL) SOLD	unknown	Good	photo	\$30
78	121-1 Variable air Capacitor 46-575 pf 7.5KV	LaPoint	Good	photo photo photo	Make Offer
79	4BTV Antenna with low power 75/80/ meter resonator	Hustler	Good	photo photo photo	\$100
80	VHF Mobile Antennas (NO MOUNTS)	Hustler	Good	photo photo	3 @\$20 ea
81	Vibrokeyer Deluxe Bug Paddle	Vibroplex	Good	photo photo	\$125
82	BTL-A Dual Lever Paddle SOLD	Brown Brothers	Good	photo photo	\$60
83	Model HK-1 Dual Lever Key SOLD	Ham Radio Center	Good	photo photo	\$50
84	JTSP7 8 ohm External Speaker	Jetstream	New in Box	photo	\$10



Use QR code to go directly to website to see photos and other information. Refresh once you get there to update page.

ITEMS FOR SALE OR GIVE-AWAY

InFocus x2 Multi-Use Digital Projector

I want to:

Sell an item

Name

Mel Whitten

Call Sign

K0PFX

Phone (optional)

+13147391108

Email

mel@melwhitten.com

Brief Description of item

InFocus X2 Multi-use digital projector for home and business applications

Details, price, condition, etc.

Excellent condition, slightly used 200w EJL Halogen photo optic lamp

Features a 4:3 format DLP chip in 800 x 600 resolution; a four-segment, 2x speed color

wheel; and a manual zoom and focus with a 1.2x magnification

Color-coded inputs allow for easy connectivity and set-up

Provides ultra-bright, 100-inch diagonal, 4:3 image at 12 to 15 feet

Can project NTSC, PAL, or SECAM standard videos

\$75 pick up at K0PFX QTH or you pay shipping costs



DAIWA CN-520 CROSS-NEEDLE SWR/POWER METER

I want to:

Sell an item

Name

Gary Leu

Call Sign

NØGL

Phone (optional)

+16367345914

Email

n0gl@slatsatn.net

Brief Description of item

Daiwa CN-520 Cross-Needle SWR/POWER Meter

Details, price, condition, etc.

The Daiwa CN-520 features Daiwa's famous cross-needle meter that displays both forward and reflected power. The ratio of Forward vs. reflected power is 5:1. Meter accuracy is ~10%. Impedance is 50 ohms. Frequency range from 1.8 MHz to 60 MHz. 2 Scales: 200/2000 watts. Comes with under shelf mount. Very good condition, works great. Asking \$40. Local pickup, meet, or you pay shipping.



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.

Top 10 Most Popular Scams Targeting Seniors and How to Avoid Them?



https://www.youtube.com/watch?v=hrZOZ9_F4S0

The Sneaky New Phone Scam That's Draining Bank Accounts (And How to Protect Yourself)



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

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](http://www.what3words.com)

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://www.hidescompany.com) and on [eBay](http://www.ebay.com)



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](http://www.AmateurTelevisionNetwork.com)

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>