



SLATS



St. Louis Amateur Television Society

JULY 2024 | Volume 7-Nbr 19

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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
 W0ATN/R 440in 426out
 Talk-back radio: 144.34 MHz

-ON THE NEWS FRONT-

SLATS offer to loan gear for prospective STL area ATV hams

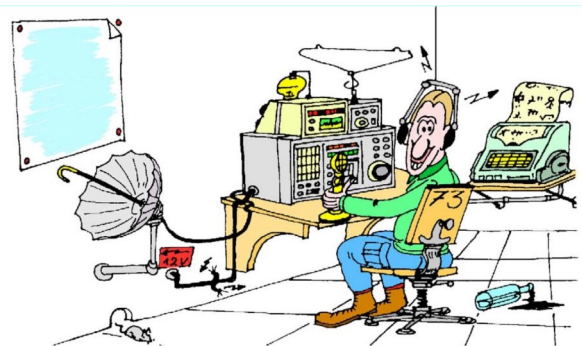
SLATS has ATV equipment for loaning out to prospective hams expressing an interest in getting on ATV. If this is you, then click (<https://slatsatn.net/want-to-try-atv/>) .



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

NET CONTROLLER FOR JULY

July							2024
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		1	2	3 SLATS NET 8:00 P.M	4	5	6
7	8	9	10 SLATS NET 8:00 P.M	11	12	13	
14	15	16	17 SLATS NET 8:00 P.M	18	19	20	
21	22	23	24 SLATS NET 8:00 P.M	25	26	27	
28	29	30	31 SLATS NET 8:00 P.M				



RICH
KB0CCL

FROM THE PRESIDENTS DESK



Photo by F8 Studio

AM Radio Isn't Going Away Anytime Soon

WASHINGTON, DC: Perhaps you have heard it expressed, “They don’t even put AM receivers in cars anymore.” Nothing could be farther from the truth. A bill moving through Congress will soon make that well known. Fact is, more than 99% of the 286 million vehicles on US roads have AM receivers, including 90% of all 2024 vehicles, according to US Senator Debbie Dingell. So, why might people think their car lacks an AM receiver? Perhaps it’s because the “AM” selection button is not as apparent on the digital dashboard as it was in the days of analog? Perhaps it is because a few car makers actually did remove AM, and a few like Ford tried to, before reading the writing on the wall.

But efforts to sideline AM were jammed into reverse in 2023. A consortium of American citizens, Congressmen, the National Association of Broadcasters, former FEMA chiefs and even an FCC Commissioner stood up and called for the attrition stop. America has simply invested too much in the AM radio safety net to let it be pushed aside so car makers could reduce costs.

The movement led to the creation of the bipartisan [“AM In Every Vehicle Act” \[HR 3413\]](#), which has an impressive 254 cosponsors in the House where the bill has recently been approved by the Energy and Commerce Subcommittee. In the Senate, the bill’s support number is 61, a winning number in that body. If enacted, all carmakers would be required to retain AM receivers in vehicles sold in the United States. “This critical legislation ensures that the 82 million Americans who rely on AM radio each month will continue to have access to diverse programming, local news and essential emergency information,” stated the President of the National Association of Broadcasters (NAB) Curtis LeGeyt, who asserted that “AM Radio is the backbone of our Emergency Alert System.” He pointed out that AM-band signals travel large distances – important in rural areas – and their presence ensures that critical communication services remain available, especially when broadband and cellular services are interrupted. See [“What will happen when the internet gets eclipsed.”](#) *The Source*, March 2024.

With hurricane season predicted to be robust in 2024, these facts need little reinforcement on the East and Gulf Coasts. New Jersey Rep Frank Pallone recalled before lawmakers in June how “we used AM Radio to help coordinate relief efforts” after Hurricane Sandy’s devastation. Troy Miller, CEO of the National Religious Broadcasters Association underlined recently, “These stations, which reach 90% of the US population, are equipped to continue broadcasting even in devastating emergency conditions.”

Perhaps Eon Musk hasn’t seen this.. I did hear about it earlier. I didn’t look to see if the bill passed in the house or not. Full article here <https://theradiosource.com/articles/news-2024->

St. Louis Amateur Television Society Merchandise




(PICK ANY ITEM TO SEE ON WEBSITE)

More St. Louis Amateur Television Society Products







[Adult Apparel](#) [Kids Apparel](#) [Accessories](#) [Home Goods](#)

				
Hoodie \$39	Tank Top \$21	Crewneck Sweatshirt \$38	Long Sleeve T-Shirt \$24	Baseball T-Shirt \$26





[Adult Apparel](#) [Kids Apparel](#) [Accessories](#) [Home Goods](#)

		
Kids T-Shirt \$22	Kids Hoodie \$36	Kids Long Sleeve T-Sh... \$24

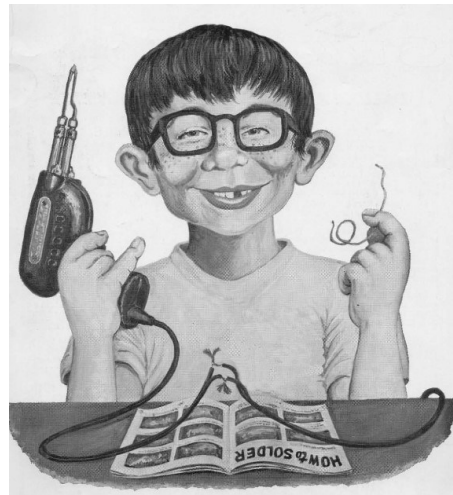
[Adult Apparel](#) [Kids Apparel](#) [Accessories](#) [Home Goods](#)

					
Hat \$19	Sticker \$2.50	Phone Case \$25	Tote \$20	Pin \$3.00	Magnet \$5.00

[Adult Apparel](#) [Kids Apparel](#) [Accessories](#) [Home Goods](#)

			
Mug \$17	Wall Art \$13	Pillow \$25	Tapestry \$30

SLATS TECHNICAL REPORT

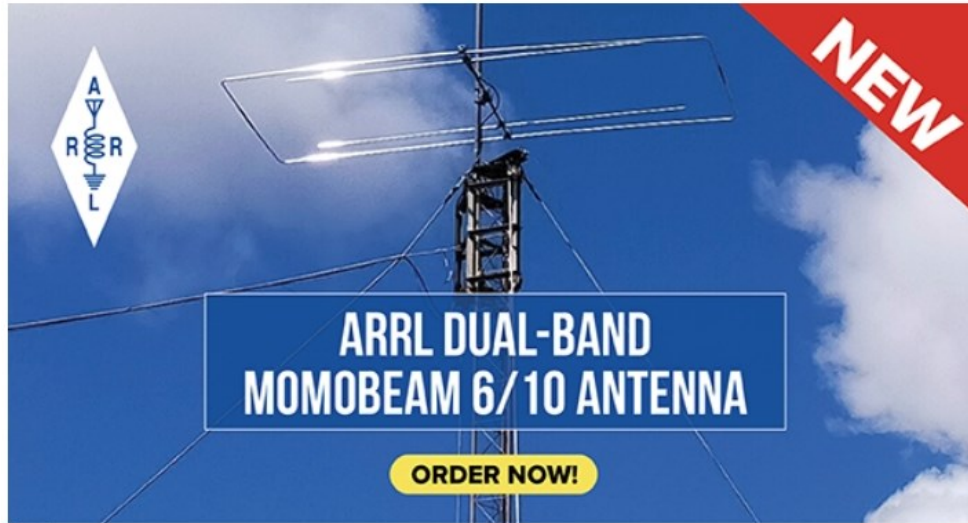


SLATS Repeater Update

Our SLATS repeater has been recently updated by our President—Mel (KØPFX) and our Vice President Earle (WDØFCH) and Armand (KDØPXF) who have contributed to the cause. Mel, Earle and Armand has updated the repeater for better performance for the betterment of the SLATS Club. We appreciate their time and expertise for this project.



NEW ITEMS ON THE BLOCK



List Price: \$299.95

Quantity:

[Save For Later](#)

[Add To Cart](#)



ARRL DUAL-BAND MOMOBEAM 6/10 ANTENNA

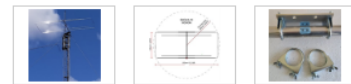
Now Shipping!

The new (introduced in May 2024) **ARRL Dual-band Momobeam 6/10 Antenna** features a 10-meter Moxon (28 MHz) and 6-meter Yagi (50 MHz) in one innovative design. It's lightweight, mast-mountable, and includes extra hardware for fixed and portable use.

Produced exclusively for ARRL by Momobeam.

ADDITIONAL INFORMATION:

PDF:
[Assembly Manual](#)



ITEM DETAILS:

Two Antennas in One!

The **ARRL Dual-band Momobeam 6/10 Antenna** features a 10-meter Moxon (28 MHz) and 6-meter Yagi (50 MHz).

High-quality design. The antenna is made of aluminum tubes, galvanized steel hardware, UV-resistant POM-C driver insulators and polypropylene clamps. Assembly is easy, and all...

[View More](#)

High-quality design. The antenna is made of aluminum tubes, galvanized steel hardware, UV-resistant POM-C driver insulators and polypropylene clamps. Assembly is easy, and all tubes are labeled.

1500-watt antenna power rating. The feed system uses an open sleeve feed method, coupling the driven element of the 6-meter section by proximity and length to the 10-meter driven element with minimal loss. This technique contributes to a simple and efficient design for the user. Attach a single coaxial cable with a PL-259 connector to the coaxial pigtail using the included SO-239 connector. It's ready to go!

ITEMS FOR SALE OR GIVE-AWAY

NVIDIA GeForce 8800 GTS VIDEO CARD

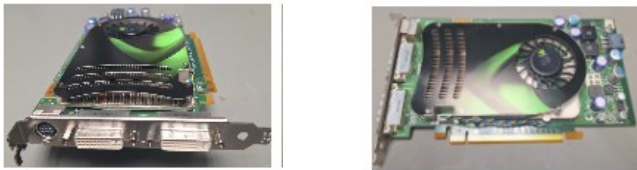
I want to:
Sell an item
Name
Mel Whitten
Call Sign
K0PFX
Phone (optional)
Empty
Email
mel@melwhitten.com
Brief Description of item
PCI-Express VIDEO Card
Details, price, condition, etc.
EVGA Nvidia GeForce 8800 GTS
256MB DDR2 PCI-Express x 16
Card is currently listed on ebay here:
<https://www.ebay.com/itm/384705245002>
(latest drivers maybe downloaded free from Nvidia's web site)
I used it in a DELL for years. Worked fine for Digital ATV.
\$5.00 pick up at my QTH or \$10 more to ship it.

3219 Haas Avenue
Bridgeton, MO
63044
US

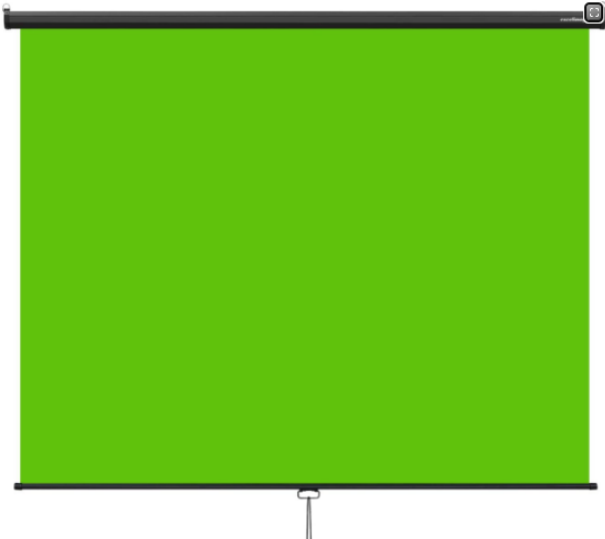
GREEN SCREEN – PULL DOWN 75" X 79"

I want to:
Sell an item
Name
Mel Whitten
Call Sign
Empty
Phone (optional)
+13147391108
Email
mel@melwhitten.com
Brief Description of item
75in x 79in pull down green screen
Details, price, condition, etc.
See details of screen here:
<https://www.amazon.com/excelimage-Pull-Down-Auto-Locking-Wrinkle-Resistant-Photography/dp/B08RJG2DPK?th=1>
Never used, still in original box.
Pick up at my QTH only.
\$50.00

3219 Haas Avenue
Bridgeton, MO
63044
US



**FULL HD
920 x 1080**



ICOM IC-451 A/E ALL MODE TRANSCEIVER

I want to:
Sell an item
Name
Richard Knode
Call Sign
KB0CCL
Email
rknode@charter.net
Brief Description of item
Icom IC-451 A/E 430 MHz All Mode Transceiver with mic and power cord
Details, price, condition, etc.
Needs Work. Used 430 MHz All mode transceiver. Provides FM, USB, LSB, CW coverage in the 430 – 440 MHz frequency range.
Multi-purpose scanning. Memory Scan allows you to monitor three different memory channels. Program Scan provides scanning between two programmed frequencies. Can be used for Mobile, DX, local calls and satellite work, \$50.00. Local pick-up or shipping extra.



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

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/OperatingModes/DigitalATV/)

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>

Upcoming Hamfests, Conferences & Conventions!

- Dayton Hamvention, ARRL National Convention and 08/17/2024 – 08/18/2024.
- **St. Charles Hamfest / Convention: 8/11/24**
- SLSRC 2024 Field Day: June 22–23, 2024, Love Park
- NARCFest 2024: November 9, 2024, Nixa, MO