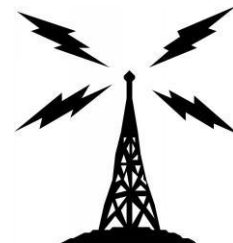




# SLATS

St. Louis Amateur Television Society



July 2022 | ISSUE NO.7

## SLATS Wednesday Nite Net

Time: Every Wednesday at 19:00 hours  
Frequency: 146.730 WØKE Repeater

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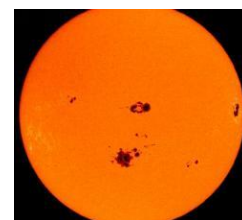
## Sun Spot Report

For daily sunspot watch link to:  
**Sunspot Watch**

<https://sunspotwatch.com/>

**SpaceWeather.com**

<https://spaceweather.com/>



# SLATS

### 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](#)

## 2022 SCARC Hamfest

SCARC 2022 in-person Hamfest is on! Same location as previous years, Elks Lodge, 1163 Tom Ginnever Ave, O'Fallon MO 63166

[Buy Tickets, Tables, Flea Mkt Slots in SCARC Store](#)

[Buy Tickets, Tables, Flea Mkt Slots by mail with check or money order](#)

**Talk-in**  
146.670 alt 145.330

**Vendor Hall**  
opens 8am-12pm  
**Tailgater Flea Market**  
7am - 12pm

**St Charles Amateur Radio Club**

**Hamfest**  
August 14 2022  
Elks Lodge—1163 Tom Ginnever Ave., O'Fallon, MO. 63366  
LAT 38.822—LONG 090 867931W

**GRAND PRIZES**  
1st prize Yaesu FT 991A  
2nd prize Anytone 878UVII Plus  
3rd prize Yaesu FT-65  
**Door prizes every 30 min**

**Admission / Door Prize**  
1 for \$5 or 5 for \$20

Before July 15th 1st & 2nd table \$20 each,  
3rd table \$10, 4th table and beyond \$5  
After the 15th \$25 per table  
8' tables, chairs and electric provided at no cost  
Help provided to load and unload  
(One vendor-admission wrist tag per table 2 tags if one table)

**Tailgater Flea Market \$10 per space**  
NEW LOCATION located out Front where the Action is  
Limited to Ham Radio and related Electronics

**Special Limited Raffle**  
Yaesu FTM300DR  
\$10 per ticket **Only 50 to be Sold That's It!**  
Can only be purchased inside at Hamfest  
Must be present to win

**Visit the SCARC Store**  
to buy tickets and tables  
and tailgater space  
**Goto WB0HSI.org**  
Look for the [store link](#) at  
bottom of page or on the  
hamfest page

**VENDOR'S**  
Associated Radio  
D&L Antenna  
Michael's Embroidery  
BJB Welding portable poles  
KGOKP Jims J-Poles

**CONTACT:** Doug Wheeler KO4KK (314) 660-0674. (cell) Please leave message if no answer. Email: [scarhamfest@gmail.com](mailto:scarhamfest@gmail.com)

### Ham Radio Quick Links:

Southgate amateur news

<http://www.southgearc.org>

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_Modes/Digital_ATV/)

### YouTube Videos

Dave Casler KEØOG - YouTube Videos

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

Solar Index & Propagation Made Easy

<https://www.youtube.com/watch?v=SyXLARX1dns>

### ITEMS FOR SALE or GIVE AWAY:

Find items for sale is on our website here:

Click: [https://slatsatn.net/?page\\_id=713](https://slatsatn.net/?page_id=713)

Example:

**DUAL TRANSFORMER ISOLATOR HUM ELIMINATOR**

Sell an item

Name  
**Mel Whitten**

Call Sign  
**K0PFX**

Email  
**slats@melwhitten.com**

Brief Description of item  
**Dual Transformer Isolator Hum Eliminator**  
Like new condition.  
Sold on Amazon. Visit link here for details:  
<https://www.amazon.com/ART-DTI-Transformer-Isolator-Eliminator/dp/B0009GUOQA>  
Prefer pick up from my QTH \$25. + shipping if mailed.



<http://www.arrl.org/>



**LATEST NEWS**

- The K7RA Solar Update** (07/15/2022)
- ARRL Seeking Public Relations & Outreach Manager** (07/15/2022)
- Listen to ARRL Audio News for July 15, 2022** (07/15/2022)
- The 2021 ARRL Technical Innovation Award Honors Wojciech Kaczmarek, SP5WWP** (07/15/2022)
- Ulrich L. Rohde, N1UL, to Receive Engineering Achievement Award** (07/15/2022)
- Amateur Radio to Be Showcased at 2022 EAA AirVenture in Oshkosh, Wisconsin** (07/15/2022)
- Geochron Atlas 2 4K Donated to ARRL** (07/12/2022)
- ARRL and TAPR Digital Communications Conference Returns in September 2022** (07/11/2022)
- Hawaii Hurricane Emergency Communications Drill Set for July 16, 2022** (07/07/2022)
- ARRL Foundation Announces 2022 Scholarship Awards** (07/07/2022)
- The K7RA Solar Update** (07/08/2022)
- FCC Legacy CORES System to be Retired** (07/07/2022)
- The K7RA Solar Update** (07/01/2022)