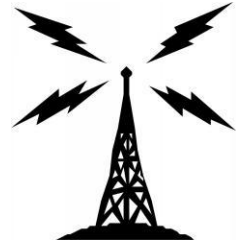




SLATS

St. Louis Amateur Television Society



March 2022 | ISSUE NO.3

SLATS Wednesday Nite Net

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

SLATS CLUB ATV STATION

The SLATS Club Repeater ATV station is located at the WDØFCH ham shack. A big thanks to Earle WDØFCH and Mel KØPFX who have spent many hours putting together the clubs communication head quarters. Visit slatsatn.net website

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SLSRC Repeaters, Nets & AREDN and others in our local area

2 Meters FM

146.850 (-) WØSRC (141.3 in)-Olivette, MO. See non-RF modes below for Echolink & AllStar access associated with this repeater.

146.910 (-) WØSRC (141.3 in) – Des Peres, MO.

146.940 (-) WØSRC (141.3 in) – Clayton, MO.

146.970 (-) WØSRC (141.3 in) – St. Louis, MO.

146.790 (-) W9AIU (127.3 in) – Edwardsville, IL.

Sun Spot Report

For daily sunspot watch link to:

Sunspot Watch

<https://sunspotwatch.com/>

SpaceWeather.com

<https://spaceweather.com/>



Ham Radio Quick Links:

Southgate amateur news
<http://www.southgatearc.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/

YouTube Videos

Dave Casler KEØOG - YouTube Videos
<https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ>

Solar Index & Propagation Made Easy
<https://www.youtube.com/watch?v=SyXLARX1d>



Ease your family's burden when you become an SK

What happens to your equipment when you become a silent key? This might be an alliterative to help your family when this happens. Check out this option that might help.

<https://www.hamestate.com/>

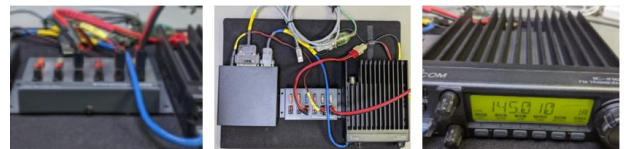
ITEMS FOR SALE:

Find items for sale is on our website here:

Click: https://slatsatn.net/?page_id=713

Example:

slats@melwhitten.com
Brief Description of item
Complete Packet Radio Station with Icom 2100 and Kantronics TNC
Details, price, condition, etc.
TNC, Icom 2100 2mtr radio, and Power Pole 4005. Includes all professionally assembled cables with ID tags. Plug-n-Play, just configure TNC and Radio for your Packet application. All in excellent condition. Manuals are available online.
All assembled on a nice board for easy transport. No modifications to the equipment. Excellent for APRS/ARES/Winlink applications.
Will not break up and sell individual pieces.
\$200.00 – Prefer pick up at my QTH.



Other Activities in the Area:



WBØHSI
St. Charles Amateur Radio Club



PO Box 658
Saint Charles, MO 63302-0658

<http://www.wb0hsi.org>

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. [2022 Hamfest Flyer](#)
[Buy Tickets, Tables, Flea Mkt Slots in SCARC Store](#)
[Buy Tickets, Tables, Flea Mkt Slots by mail with check or money order](#)

Vince's Corner - KEØVYE

HiDES DC-105 Camera Part 1: Overview



The HiDes DC-105 is a Full HD DTV (1920x1080x30P) Camera that supports transmission in the frequency range of 70 to 1450 MHZ. The DC-105 is available in 3 iterations; one with a cubic housing and a small stand, a bare bones model without a case and a third version with bullet housing and stand. The model I purchased was installed in bullet security camera style housing. This model and its use in Amateur TV is what this series of articles are about.

The DC-105 has a Sony 2 megapixel sensor and supports H.264 compression. This camera supports 1 to 8 MHz bandwidth and everything in between. It can be configured to 4 MHz and 16 QAM modulations making it compatible with the WØATN repeater.

The camera uses a BNC connection for RF output. It requires 12 volts and HiDES claims a 290 current draw. The rated operating temperature is 0 to 40 C. The frequency is set by using UART channel configuration, which uses an usb adapter connected to a Windows PC. HiDes's product page with more details can be found here: http://www.hides.com.tw/product_DC105_eng.html

The DC-105 I purchased from eBay for \$279 was shipped from Taiwan. It came with a 12 volt 2 amp wall wart, an USB-UART adapter/ dongle, a mounting stand, a special USB cable used only for firmware updates. It also arrived with a CD that contained the Configuration files, QIG, programming software and the latest firmware. The bullet style housing can be mounted on the included stand or on a tripod using the 1/4-20 mount. I will need to supply a condenser microphone to provide sound for the bullet camera version I have. My camera is shown in the illustrations mounted to a tripod and the supplied stand not used.

In next month's newsletter I will go over the setup of this camera. 73's KEØVYE

Net Control Operator Suggestions

Here are some suggestions to help with Net Control operation

5 MINUTES BEFORE THE NET STARTS. START POWER POINT PRESENTATION (or a video with SLATS logo and call sign to run on the ATV Repeater)

START AT 7:00 p.m. – START THE NET by saying:

1. **Good evening the time is now 1900 hours Central Time. This is Net Control Station WØATN of the Saint Louis Amateur Television Society. My name and Call sign is _____ and I will be tonight's Net Control Station for WØATN**
2. **Is there anyone who would like to use the 146.73 repeater before the SLATS Wednesday night net begins?** (Wait a few seconds for an answer, if no answer then go to the next step)
3. Then say: **OK nothing heard** (Pause) Then say: **This is WØATN – Whiskey Zero Alpha Tango November net control for the Saint Louis Amateur Television Society**
4. **This FM repeater is located in NW St. Louis County near St. Charles Rock Road and 1-270.**
Our ATV repeater is located in Maryland Heights just east of Creve Coeur Lake in EM48sr.
5. **We have our SLATS net every Wednesday night at 19:00 p.m. Central on the North West Amateur Radio and Electronics Association repeater 146.73 using an access tone of 141.3 Hz.**
6. Then say: **OK – Are there any short-time check-ins? Please call WØATN now.** (Acknowledge them, then ask for their comments) if none, then say:
7. **Before we begin with regular check-ins, do we have any club or amateur related announcements?** (Acknowledge if any) if none, then say:
8. **OK – Regular check-ins please call WØATN now.** (Take down their call sign and put them on a list in the order received) (Take 3 or 4 check-ins or until there is a break and then acknowledge each before continuing to call for any more check-ins.)
9. After all the check-ins, ask if anyone has any videos to show for tonight's net.
10. If no answer, then ask if there are any further check-ins
11. If not, go to the numbered list and start calling for comments from each call sign using standard phonetics.
12. After every 2 or 3 call-ins, Ask if there are any late call-ins
13. If not, continue with the check-ins on the list until completed.
14. At the end of the check-ins, ask again if anyone has video they would like to show.
15. If not, quickly ask again if there are any further comments from anyone before the net is closed.

If not **CLOSE THE NET** by saying:

Please visit our Club website at slatsatn.net – Sierra Lima Alpha Tango Sierra Alpha Tango November dot November Echo Tango

Then say: Tonight's SLATS NET is now closed and the repeater is now being returned to normal operation – Thank you for checking in. Good Night and see you next week.