

Indian River Amateur Radio Club's Spurious Emissions

May 2013

Nr : 5

Volume: XXXIX



Radio Active on the QRP Side of Life

IRARC members supported the Space Coast QRP Group at Merritt Island Manatee Cove on April 20th. The Space Coast QRP group is off-shoot of the Central Florida QRP group and they welcome all who want to participate. Meetings are held every third Saturday of the month with the location announced on the web, http://groups.yahoo.com/group/Space_Coast_QRP_Group. The next meeting will be June 15th at



Dave, KU0R running CW on a new Elecraft KX3 at 5 watts into hamsticks on 17 meters at 20 feet. The power source was a LiFePO4 rechargeable 9 Ahr battery pack.

Osteen Park Merritt Island. The April outing featured two new Elecraft KX3's and a first with two operators running loop antennas.

Dave Slawson, K4UZM operated one of the loop antennas from his Yaesu FT-857 and antenna tuner. Dave demonstrated his loop remote tuner with operations on 20 meters.

Viron Payne, N4VEP ran his Yaesu FT-817 into a dipole antenna supported by ample locations of trees in Manatee Park. Dave Lerret, KU0R operated a Elecraft KX3 into a pair of hamsticks supported by some "modified" army surplus tent poles. Dave operated CW on 17 meters and snagged French special event station TM28UFT celebrating the 28th Annual French CW Society.

Ed Cortes, K4BQN from Palm Bay joined the group with his new KX3 and another loop antenna. Ed demonstrated ad-hoc WiFi rig control and digital mode operations of the KX3 using an iPad along with some ham radio applications.



Viron N4VEP enjoying a rare weekend off from work running his Yaesu FT-817 in true QRP fashion.



Dave Slawson, K4UZM "in the loop" with his QRP loop antenna



Dave, K4UZM (rt) discussing QRP operations Ed Cortes, K4BQN with Al Ruschel, N4TME and Ron Eike KA3PSO.

Meet Us On the Following...

On Wednesday at 7:15 PM local, the Central Brevard County ARES net meets on IRARC's 145.370 MHz repeater (tone 156.7 Hz). After the net, informal ops/rag chew happens on 147.42 MHz simplex. Sunday Half Time Net meets at 3 PM on the 37 repeater - you don't have to be a football fan to join. On the web point your browser to: <http://irarc.ham-radio-op.net>.

IRARC's Spurious Emissions is published monthly. Comments and articles are welcomed, contact Dave Lerret, KU0R, payloadone@earthlink.net

WX4NHC Hurricane Season 2013 On-The-Air Station Test

The WX4NHC Hurricane Season 2013 On-The-Air Station Test will be held Saturday, June 1st, 2013 from 9 AM - 5 PM EDT (1300z-2100z). The purpose of this event is to test the National Hurricane Center's Amateur Radio station equipment, antennas and computers. We will also perform operator training in preparation for this year's hurricane season. We will be making informal contacts on many frequencies and modes and would appreciate signal reports and basic weather data exchange ("Sunny," or "Rainy," etc.) from stations in any location.

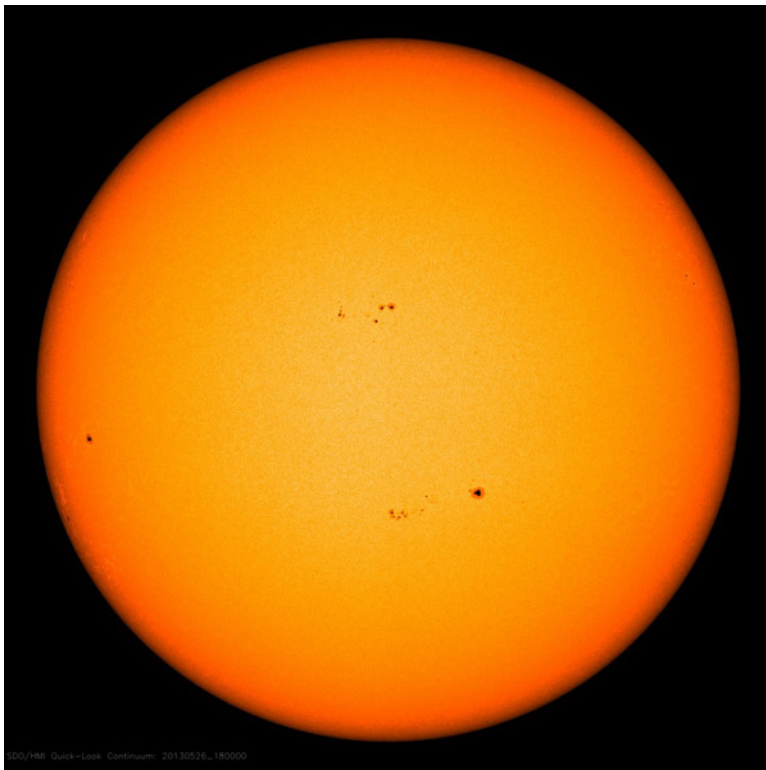
WX4NHC will be on-the-air on HF, VHF, UHF and 2 and 30 meter APRS. We plan on testing on the following voice frequencies: 3.950 MHz, 7.268 MHz, 14.325 MHz, 21.325 MHz, and 28.425 MHz. We will try to stay on 14.325 MHz most of the time and announce when we QSY.

You may be able to find us on HF by using one of the DX Spotting Networks, such as the DX Summit Web Site. We will also be on the

VoIP Hurricane Net from 1 PM to 3 PM EDT (1700z-1900z) (IRLP node 9219 / EchoLink WX-TALK Conference node 7203). Local South Florida area VHF and UHF repeaters will also be contacted.

QSL cards are available via WD4R. Please send your card with a SASE. Please do NOT send QSLs directly to the Hurricane Center address, as it will get delayed. Due to security measures, NO VISITORS will be allowed entry to NHC without prior clearance from NHC Security. Only WX4NHC operators on the NHC pre-approved operating schedule will be allowed entry. For more information about WX4NHC, please visit our website. Thank you for your participation in the WX4NHC Hurricane Annual Season Station Test.

-- Julio Ripoll, WD4R, WX4NHC Amateur Radio Assistant Coordinator, www.wx4nhc.org, celebrating 32 years at the National Hurricane Center www.nhc.noaa.gov



Flux Density Values in sfu for 2013-05-26 at 17:00 UTC

Julian Day Number	2456439.197
Carrington Rotation Number	2137.436
Observed Flux Density	118.9
Flux Density Adjusted for 1 A.U.	122.0
URSI Series D Flux, Adj. x 0.9	109.8

source: www.spaceweather.ca

Sun activity from the Solar Dynamics Observatory as of 1800 UTC, 26 May 2013. This channel display is from the SDO Helioseismic and Magnetic Imager. - photo courtesy of <http://sdo.gsfc.nasa.gov>.

Club Meeting News

The May 2nd meeting was called to order by President Steve Luchuk at 7:30 PM, followed by the Pledge of Allegiance. We had 27 members present. The prior meeting minutes were referenced in the April 2013 newsletter, and were approved by the membership, as was the treasurer's report. The marriage of Richard Akelewicz (K14UZI) to XYL, Jan was announced, congratulations!

Our Vice President Dave (KU0R) thanked those who contributed hardware for the second computer in the club station. The task at hand will be to install the radio logging/contest software and verify the proper operation before the upcoming Field Day. Dave solicited inputs for a technical article of the month to be added to the club's monthly newsletter.

Bob (N4VO) reporting from the technical committee stated there are no problems with the VHF repeaters but we have no update on the status of installation with the 440 MHz machine.

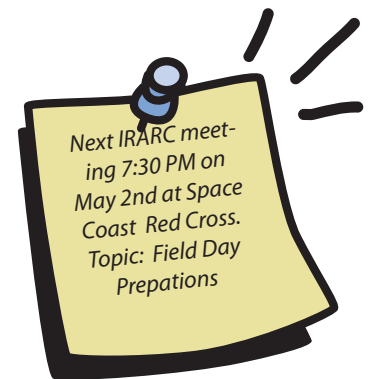
Our emergency coordinator, Stan Harrell (KJ4NUV) could not attend this meeting so Greg (AB4GO) addressed the membership regarding an upcoming combined Red Cross and community exercise on May 17th. IRARC will require operators to support shelter operations and Red Cross network operations during the exercise. Red Cross will use the exercise as a shelter training event for their membership while the radio operators will become more proficient in shelter communications. Greg had no update regarding deployment of the Red Cross satellite terminals.

BEARS news this month was a mention in the May 2013 QST Magazine regarding the team's support in the statewide Radar II Exercise.

The remaining club business focused on Field Day. The club is soliciting a volunteer as the FD Chairman. Field Day will occur on June 22-23. The club will operate at the Red Cross but operations

in the field east of the shack will be permitted within the Field Day radio distance rules. Steve promised to cook up a pile of bacon for the event. Joe (KC4CFE) summed up the event with a bit of wit and some truth, "Field Day is demonstration of ham radio in an emergency and every Field Day we turn it into an emergency."

The technical program was a discussion of tuners and coax. Steve & Greg showed matching networks and example tuners. David (AI4FY) was the 50/50 winner taking home \$11. The meeting was adjourned at 8:55 PM.



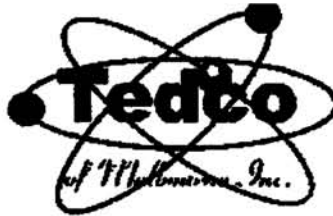
Strays -n- Stuff



Dave Slawson's (K4UZM) BBQ operation location at the Manatee Cove Park, Merritt Island Space Coast QRP meeting. Guess if the bands were not heating up enough for QRP ops, he'd add coals to run with the QRO operators.

- IRARC Financial Report for May 2013
Checking: \$4086, Equipment Fund: \$923.
- Satellite Tests are on hold pending a new terminal replacement and training -stay tuned!
- Try D-STAR operations on the Cocoa KJ4OXT 147.030 MHz repeater
- Start your preparations for the 2013 Hurricane Season. NOAA predicts an above average hurricane season for the Atlantic region.
- Are you RadioActive? Check the IRARC website calendar at <http://irarc.ham-radio-op.net/> for upcoming events, photos and links to other local clubs.

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