

Indian River Amateur Radio Club's Spurious Emissions

Jun 2013

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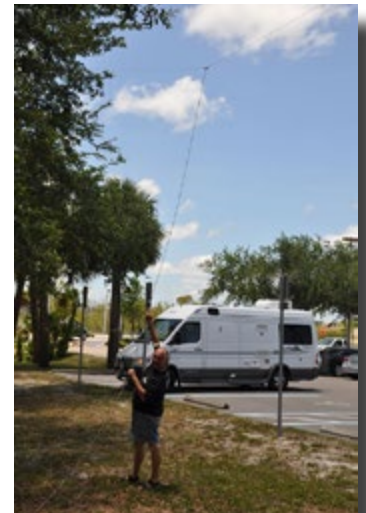
Ready for Field Day Operations?

IRARC members met over the last two weeks at the American Red Cross facility in Rockledge to ensure readiness for the upcoming Field Day operations. The event is held on the fourth weekend on June, for this year June 22-23. The objective is simple - work as many stations as possible on any or all amateur band (excluding the WARC bands). The event begins Saturday at 2 PM (1800 UTC) and runs for 24 hours. Although Field

Day is not a contest in the awards sense, it does inspire club to club rivalries and the results are posted in *QST* magazine. A change to the rules this year allows for set up of stations other than Class A or B stations at 0000 UTC, 8 PM Thursday; however, is a cumulative set up time limit of 24 hours. At press time it has not been decided if we will operate with 2 or 3 transmitters. Since IRARC will be operating as an Emergency Operating Center we will use either 2F or 3F as part of the operating exchange. As in previous years, we will operate a GOTA (Get On The Air) station that will be used with control operators to get folks who want to explore amateur radio a feel for the on-air experience. The GOTA station is a great way to induce friends or family members to the radio hobby - plan to take advantage of the opportunity. Steve, N4UTQ and others will ensure everyone has plenty to eat so stop by the club station and have a good time running the radios or just visiting each other.



John Webb, N3RCV and Bob Kisko, N4VO at the club station verifying the Field Day logging program was operating properly at the Master Station. All other station laptops register their contact information to the Master Station computer.



Dave Slawson, K4UZM with the dipole for Memorial Day Special Event Station



Greg O'Neill, AB4GO and Gail Stewart-Iles, KK4DAG reviewing laptop network setup for Field Day logging.

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>.

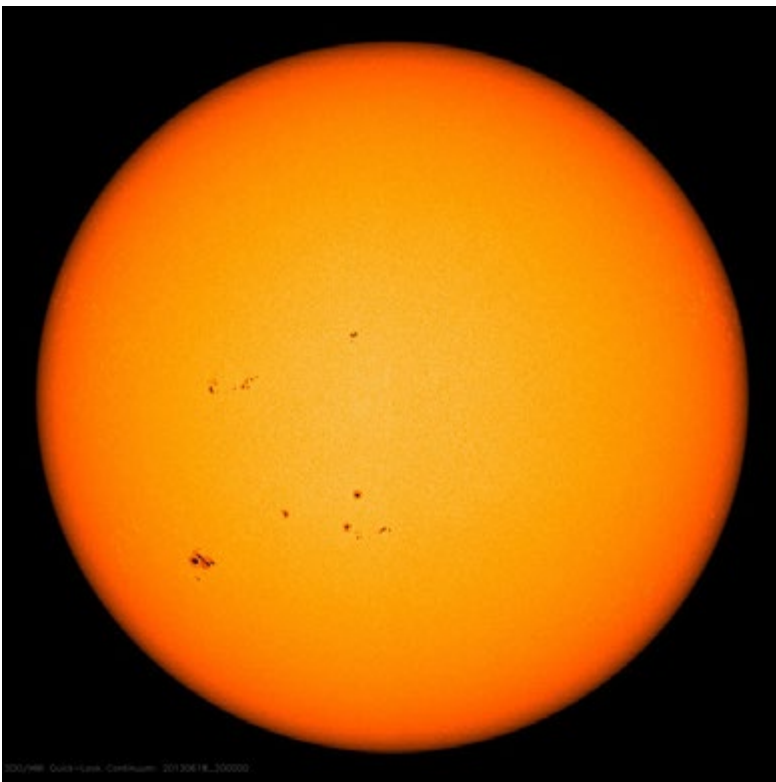
IRARC's Spurious Emissions is published monthly. Comments and articles are welcomed, contact Dave Lerret, KU0R, payloadone@earthlink.net

IRARC Supporting Memorial Day Special Event

The Indian River Amateur Radio Club supported a special event Memorial Day operation at the Brevard Veteran's Memorial Center on Merritt Island on May 27th. The event call sign KC2UFO was loaned by Dave Slawson, K4UZM. The event was an opportunity to recognize the sacrifices made by those who fought to defend freedom. A unique feature of this event, participants were invited to share their unique experiences.



Operations from the Brevard Veteran's Memorial Day Center with Kevin Raulins, KK4DNI running the radio. The unusual call sign KC2UFO was sure to attract attention; however, by press time, no alien QSL cards were received in the IRARC mail box.



Sun activity from the Solar Dynamics Observatory as of 2000 UTC, 18 June 2013. This channel display is from the SDO Helioseismic and Magnetic Imager. - photo courtesy of <http://sdo.gsfc.nasa.gov>.

Flux Density Values in sfu for 2013-06-18 at 17:00 UTC

Julian Day Number	2456462.197
Carrington Rotation Number	2138.279
Observed Flux Density	127.4
Flux Density Adjusted for 1 A.U.	131.5
URSI Series D Flux, Adj. x 0.9	118.3

source: www.spaceweather.ca

Club Meeting News

Our June 6th meeting was promptly called to order by President Steve Luchuk at 7:30 PM, and was immediately followed by the Pledge of Allegiance. The prior meeting minutes were located in the last newsletter, and were approved by the membership, as was the treasurer's report.

Our Vice President Dave (KU0R) explained that our battery in the UPS is going out and needs to be repaired.

Bob (N4VO) explained that we are still on standby for our 70 cm equipment and there is nothing new to report about our other repeater equipment.

IRARC Emergency Coordinator, Stan Harrell (KJ4NUV) reports that the May Statewide Hurricane drill was completed and all indications are that it went well. Also, tropical storm Andrea made landfall in the northern part of Florida with around 50 mph winds and although there was some collateral damage, no shelters were opened as of the time of the report.

IRARC Red Cross liaison Greg (AB4GO) reports that the status of the new satellite terminal is still unknown, but he would let us know as soon as new information becomes available.

Our work party on June 1st to repair the antenna went well and we may have a new charity walk event we can participate in. John (N3RCV) will be coordinating with the event organizers to see if and how we could assist their efforts.

John (N3RCV) was our lucky winner of our 50/50 drawing and decided to donate the winnings to the club.

We were given an engaging presentation by Steve (N4UTQ) about software defined radios and measuring currents in the ground in hopes of detecting tornadoes.

Be aware, Field Day is approaching quickly and we are all looking forward to see who comes out to participate. We are planning on operating as a Class F station this year and have

plans on 3 possible stations. The first station will be set up to run 10-15-20m phone at 1500 Watts. The second station will be set up for 40-80m phone/CW at 1500 Watts. If we can find an operator we would like to set up a GOTA station at 10-15-20m phone at 100 Watts. This is one of our most cherished events of the amateur radio, so make sure to bring your best and help celebrate our wonderful hobby.

The meeting was adjourned at 9:25PM.



Strays -n- Stuff



Ron Eike, KA3PSO bringing home the bacon from Dayton! Ron won an Elecraft KX3 as first prize from the Dayton QRP Forum. Join the fun on QRP by participating in the Space Coast QRP group every third Saturday at 9 AM.

- **IRARC Financial Report for June 2013**
Checking: \$4074, 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**
- **Join the Space Coast QRP Group. They meet at a Brevard local park or other listed location - see website at http://groups.yahoo.com/group/Space_Coast_QRP_Group/**
- **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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