

Indian River Amateur Radio Club's Spurious Emissions

July 2010

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IRARC 2010 Field Day - By the Numbers

IRARC pulled together for a very good effort during the annual ARRL Field Day Exercise held on June 26th and 27th. The weather was unusually dry and very hot for late June - no thunderstorms this year! Overall the club logged 248 CW contacts from 58 sections and 117 phone contacts from 38 sections. For the CW ops, 24 contacts were made on 10 meters, 78 contacts on 15 meters, 62 con-

tacts on 20 meters, 63 contacts on 40 meters and 21 contacts on 80 meters. The phone gang racked up 5 contacts on 6 meters, 38 contacts on 10 meters, 25 contacts on 15 meters, 21 contacts on 20 meters, 26 contacts on 40 meters and 2 contacts on 80 meters. The GOTAs station logs have not been counted as of the newsletter publication but they did a great job with phone operations!



Armando Delgado, KN4JN operating CW with Russell Stein, KJ4VIF performing logging duties. IRARC operated as a 3F station at the American Red Cross Rockledge Facility

Public Relations for Field Day



Dave, K4UZM holding the proclamation from the City of Cocoa - Amateur Radio Week in Rockledge Florida for the FD event.

Dave Slawson, K4UZM led the IRARC Field Day public relations effort coordinating press releases and drafting a proclamation signed by Cocoa Mayor, Michael Blake, recognizing Amateur Radio's value to the community and declaring the Week of 28 June "Amateur Radio Week" in Rockledge Florida. Mayor Blake toured the IRARC Field Day site speaking with each of the participants.



Cocoa Florida's Mayor Michael Blake with Steve Luchuk, N4UTQ receiving the Amateur Radio Week proclamation for IRARC's Field Day Operation

Although Field Day is a special time for radio amateurs of all styles (contesters, experimenters, or those who just want to eat and play), it is our one time of year where we show off our capabilities to the community. Outreach to the community enables IRARC to keep amateur radio relevant in an increasing interdependent communications age, protect our antennas/operations from overburdening restrictions and protect amateur radio spectrum from seizure due to growth of 3G/4G wireless systems. FD is also a good time to rekindle the fires for those hams who were not active in the hobby.

Stay Ready .. Join ARES

Wednesday evenings at 7:15 local, the Central Brevard County Amateur Radio Emergency Service Net meets on IRARC's 145.370 MHz repeater Down 600 KHz (tone 156.7 Hz). After the net, informal ops on 147.42 MHz simplex.

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

IRARC Solar Power Field Day Operations

Field Day operations could also be a green event as demonstrated by Dave Lerret, KU0R. Dave, K4UZZM donated use of his trailer for the solar operated CW station operated on the Red Cross field east of the main buildings. KU0R's solar array consisted of 4 - 65 watt panels into 4 -80 Amp-hour AGM batteries. The solar power was regulated by an 800 watt Morning Star Solar Controller. Inside the

trailer, KU0R operated an IC-7000 at full power and Yaesu FT8800 for 2 meter frequency coordination with the teams inside the Red Cross building. A WiFi 2.4 GHz link was established on the campus so all operators could use data logging software to assist with band coordination and avoid duplicate contacts. One concession to comfort was use of AC power to run the trailer air conditioning system.



Dave, KU0R staying green with four solar panels powering the station in the trailer (not shown). Dave, K4UZZM donated his trailer and a 80-10 meter dipole for the CW ops.

Last Club Meeting News (actually last two meetings)

The June meeting focused on repeater options with the donated VHF machine from Coca Beach PD. No decisions made at this time. BEARS is exploring the idea of a tailgate fund raising activity - they'll need volunteers to assist when the date is finalized. The July meeting focused on field day initial reports and a photo slide show of the participants. Marty Grove, KJ4LQX was welcomed as

a new IRARC member. The club also noted the passing of Dick Weller, WN4K. Steve, N4UTQ welcomed Stan, KJ4NUV as an assistant Emergency Coordinator. Terry Halladey, AF7W is the IRARC representative to BEARS. We still have an opening for a club station manager - duties are to organize IRARC equipment and ensure operational readiness of the club station.



Field Day Get On the Air (GOTA) Station



New members (left) Del Anderson, KJ4UWA Stan Harrell, KJ4NUV operate the IRARC GOTA station under the unique callsign, KC2UFO after receiving coaching tips from Rick Watson, KF4FNZ and Dave, K4UZZM (both not pictured). The GOTA station was situated at the entrance to the building so visitors could get a first hand look and listen to amateur radio

- IRARC Financial Report for July 2010
Checking: \$2726, Equipment Fund: \$1610
- Hurricane season is here. Be ready. Have your photo inventory, important documents collected and insurance up to date.
- Florida Hurricane net meets at 2100L on Mondays. KJ4OXT DSTAR 147.030 MHz repeater or via Internet Reflector 34A.
- Are you RadioActive? Check the IRARC website calendar at <http://irarc.ham-radio-op.net/> for upcoming events, more Field Day photos and links to other local clubs.

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