

# Indian River Amateur Radio Club's Spurious Emissions

Nov 2012

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## Brevard County Simulated Emergency Test

The fall season Brevard County Simulated Emergency Test (SET) was conducted on Saturday November 10th after being delayed two weeks due to the effects of Hurricane Sandy. The SET is a county-wide exercise that allows Brevard Amateur Radio Emergency Radio Service (ARES) members and other county emergency services to interact in realistic emergency scenarios. Ray Kassis, N4LEM, Section Emer-



**SET action from the Central Brevard Cocoa communications node with operators collecting messages from shelters and other county relay locations.**

gency Coordinator supervised the exercise from his Brevard Central station in Cocoa. This year, a simulated hurricane off the Florida coast required activation of Brevard shelters and the subsequent coordination of Red Cross, Brevard Emergency Operations Center (EOC) and other support personnel to open and sustain the shelters. IRARC EC, Stan Harrell, KJ4NUV operated the Brevard Central Net between shelter operators and the Red Cross. The shelter activations and amateur radio operations were simulated by numerous ARES members operating from their home radio shacks - many using emergency power to simulate actual storm outage conditions. Message traffic from the shelters was intended to be sent to North, Central and South Brevard locations for further distribution to the Red Cross or the Brevard EOC for action. Most message traffic was routine shelter status but other messages required the clearing house stations to make decisions and



**EC Stan, KJ4NUV, taking the helm by running the Central Net during the Nov SET.**

prioritize traffic for timely decisions and response from either the Red Cross or EOC. The exercise scenarios even included ad-hoc messages involving traffic accidents requiring timely action. These exercises were designed to stress the message relay and response personnel to operate across the county in the "fog of war" during a large scale hurricane event. Fortunately for Brevard County this SET was just a reminder of what could be in store as our fellow citizens experienced the full fury of Hurricane Sandy only a couple of weeks ago. Always be ready for the storm!



**The Red Cross SET team was represented by (lt to rt) Greg, AB4GO; Steve, N4UTQ,; Bob, N4VO and John, N3RCV.**

## 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](mailto:payloadone@earthlink.net)

## Veterans Day Special Event

Indian River Amateur Radio Club members supported a Special Event Station celebrating Veterans Day on November 11th. Dave Slawson, K4UZM, supplied his unique club call sign, KC2UFO which was sure to attract special interest. High noise levels at the Brevard Memorial Center made reception of weaker stations quite a challenge but operations were successful on 20 meters (14.260 MHz) with over 1000 watts into a dipole strung into trees on the south side of the complex. Thanks to all those who made this a special event a good day to remember all those veterans and present service members who gave and are still giving their best for all of us.



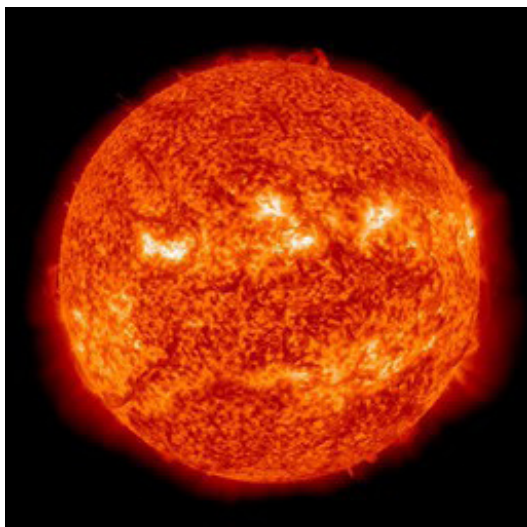
**The core operators at the Veterans Day special event station, KC2UFO inside the Brevard Memorial Center.**



**Dave Lerret, KU0R, poses with Space Shuttle Atlantis on a beautiful, windy November as Atlantis takes its final movement to retirement and display at the Kennedy Space Center Visitor Complex.**

### BEARS Needs You

- Brevard Emergency Amateur Radio Service, is a 501(c)3 organization that can accept donations in the form of cash or equipment.
- BEARS itself is not a radio club but a consortium of clubs (not all are amateur radio clubs).
- From now until December 15th all donations to BEARS will be doubled to a combined match of \$5000. Please support this valuable community asset for Brevard County.
- <http://bears.homelinux.net>



**Sun activity from the Solar Dynamics Observatory as of 2115 UTC, 19 Nov 2012. This channel shows areas where cooler dense plumes of plasma (filaments and prominences) are located above the visible surface of the Sun. - photo courtesy of [www.sdo.gsfc.nasa.gov](http://www.sdo.gsfc.nasa.gov)**

### **Flux Density Values in sfu for 2012-11-19 at 20:00 UTC**

Julian Day Number	2456251.322
Carrington Rotation Number	2130.548
Observed Flux Density	133.9
Flux Density Adjusted for 1 A.U	130.7
URSI Series D Flux, Adj. x 0.9	117.6

source: [www.spaceweather.ca](http://www.spaceweather.ca)



## Club Meeting News

Our November 1st meeting was promptly called to order by President Steve Luchuk at 7:31PM, and was immediately followed by the Pledge of Allegiance. We had 27 members present including 1 visitor. The prior meeting minutes were located in the last newsletter, and were approved by the membership, as was the treasurer's report.

We heard from our Vice President Dave (KU0R) asking the general membership for ideas and submissions for the newsletter. Also, according to our education committee, we have 1 new General licensed operator thanks to another successful testing session.

Bob (N4VO) reports that all is well with both general use repeaters and that we have a rare opportunity to get a 440 repeater on the FHP tower located on SR 520 that will be tied in to the FDOT microwave link network that will connect several of these 440 repeaters around the state. He is working with our contact at FDOT

to get this repeater online and operational for club use. A very special thanks should go out to Dave Slawson (K4UZM) for passing this offer to the club, as we will surely make use of it.

We received a report on the unfortunate damage caused by Hurricane Sandy which impacted the Northeast coast earlier this week. A reminder went out that the Christmas party will be held at Jimmy's restaurant Friday evening, December 7th, 2012 starting around 6:30 PM and collections for this have begun. Please send your money in soon so we can reserve a seat for you and yours.

Make a Difference Day renovations will be occurring on November 17, 2012 for the south building and we ask anyone that can lend a hand, please help out.

Ernie (K4RBD) requested that the board consider forming a new committee to assist surviving spouses of silent keys dispose of old radio equipment.

The 2013 budget report was approved by a unanimous vote with

no opposition.

We were given a helpful and informative presentation by Stan (KJ4NUV) on how to use the modified ICS-213 form which has been approved for use by the county.

For the evening program, Steve, N4UTQ gave a delightful listing of different newer radios and their features vs. pricing for hams that are not on HF yet (or those that might want to sneak one past the Mrs. by taking the knobs off and calling it a toaster).

Wayne (K0DKT) was our lucky 50/50 winner taking home a bountiful \$15.50. The meeting was adjourned at 9:42 PM.



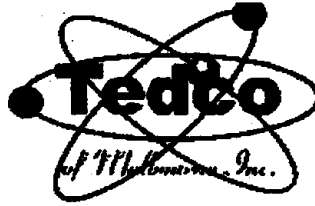
## Strays -n- Stuff



**Steve Luchuk, N4UTQ poses in the back yard of the Brevard Memorial Center on Merritt Island during the Veterans Day Special Event. Can you spot the dipole in this scene?**

- **IRARC Financial Report for Nov 2012**  
Checking: \$4445, Equipment Fund: \$863.
- **Satellite Tests are on hold pending a new terminal replacement and training -stay tuned!**
- **Cocoa D-Star KJ4OXT 147.030 MHz repeater is now back on the air - thanks Glenn N3EH.**
- **Try the new DStar repeater in Bithlo FL at 1400 feet, KJ4OVA, 443.1375 MHz and 1291.300 Mhz voice/1251.300 MHz data.**
- **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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COMPUTER REPAIR  
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**2009 LINE LISTINGS \*\* THE ONLY REAL PARTS STORE LEFT IN SOUTH BREVARD \*\***

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ALINCO  
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ANTENNA SPECIALISTS  
ARRL  
ASTATIC  
ASTI

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BUSSMAN FUSES  
BUD

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CALRAD  
CORNELL DUBILIER  
CELLPHONE AMPS  
CHICAGO MINIATURE  
CINCH JONES  
CLOVER  
COBRA  
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DALBANI  
DECIBEL PRODUCTS  
DENNISON  
DURACELL  
DANTONA IND.

ECG (SEE NTE)  
ELECTRONIC RESOURCES  
ELECTROVOICE  
EVEREADY

FANON-INTERCOMS  
FLUKE (WAVETEK)

GC ELECTRONIC  
GALAXY  
GOLDLINE

HAM RADIO  
HARADA  
HITACHI  
HYGAIN

### ICOM RADIO

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JVC PARTS

KENWOOD RADIO  
KOSS  
KESTER

LITTELFUSE  
LOWELL

M & G  
MALLORY  
MACOM  
MAXON  
MIDLAND  
MOTOROLA

NTE TRANSISTORS  
NELLO TOWERS  
NTE ELECTRONICS  
NORMAN LAMPS

PANASONIC  
PANAVISE  
PHILIPS ECG (SEE NTE)  
PHILMORE  
PIONEER  
POMONA  
POWERSONIC  
PRB  
PROAM ANTENNAS

QUAM  
QUEST

RANGER RADIO  
RAYOVAC BATTERIES

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SANYO BATTERIES  
SHURE BROTHERS  
SONY PARTS

SPECO  
SWITCHCRAFT

TEI  
TNR BATTERIES  
TELEX - HYGAIN  
TRIPPLITE  
TUBES - ALL TYPES  
TV ANTENNA'S

UNIDEN  
UNIDILLA  
UNION CARBIDE

VARCO  
VALOR  
VECTOR  
VIDEO EQUIPMENT

W2AU BALUNS  
WALDOM - MOLEX  
WAHL-CLIPPER  
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WILSON ANTENNAS  
WILSON ELECTRONICS

YAESU

WEB PAGE:  
[www.tedcoelectronics.com](http://www.tedcoelectronics.com)

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[tedco@bellsouth.net](mailto:tedco@bellsouth.net)

Hours:  
MON - FRI 9 AM - 5 PM  
SATURDAY 9AM-3PM

TED - W4LR - GENERAL MGR.

DOTTIE - OFFICE MANAGER