

# Indian River Amateur Radio Club's Spurious Emissions

May 2015

Nr : 05

Volume: XLI



## IRARC Support for the 2015 JDRF Beach Walk

The IRARC membership successfully completed a second public service event for 2015, the Juvenile Diabetes Research Foundation Beach Walk starting at Lori-Wilson Park in Cocoa Beach on April 11th. The goal of JDRF is to rid the world of Type 1 Diabetes. This condition is an autoimmune disease where the body's pancreas loses the ability to produce insulin - a hormone necessary for converting food to energy.

IRARC members provided communications coverage for the walk officials with a base station command post located at Lori-Wilson provided by Dave Slawson, K4UZM consisting of a Yaesu FT-857 and an antenna mounted on a mobile tower trailer at 20 feet elevation. The antenna height provided a commanding view of the beach area. At the turn around point near Shepard Park, a J-pole mounted 16 feet on a tent-pole tripod provided by David Lerret, KU0R closed the loop with the command post. Operations

were conducted using the IRARC simplex frequency 147.42 MHz with Dave Glenn, KD4SFR serving as net control. Ernie Hoffman, K1CPO served as command post logger; Viron Payne, N4VEP served as midpoint spotter; Larry Hendersin, KK4WDD served as shadow operator; Dwaine Heroux, KM4HCN served as Rover 1; Dave Slawson K4UZM served as Rover 2 and Fred Anderson, KB4DMQ (Palm Bay) served as Rover 3. Simplex communications along the beach front were excellent and the view was not too bad for the rover team.

The walk totaled a distance of 5 kilometers or 3.1 miles. A great exercise distance for those who enjoy walking on the sands of Cocoa Beach. The JDRF fund raising goal this year was \$128,500 and as of press time over \$119,740 has been raised. The walk event was completed with no injuries; however, IRARC rovers responded to a distressed walker near the end of the event and provided cool wa-

ter allowing the walker to recover without further assistance. Thank you IRARC and visiting hams for making this public service event a huge success! IRARC looks forward to a fun walk next year.



**Net control, Dave Glenn, KD4SFR and logger Ernie Hoffman, K1CPO at the excellent tree-side shade location in Lori-Wilson Park.**

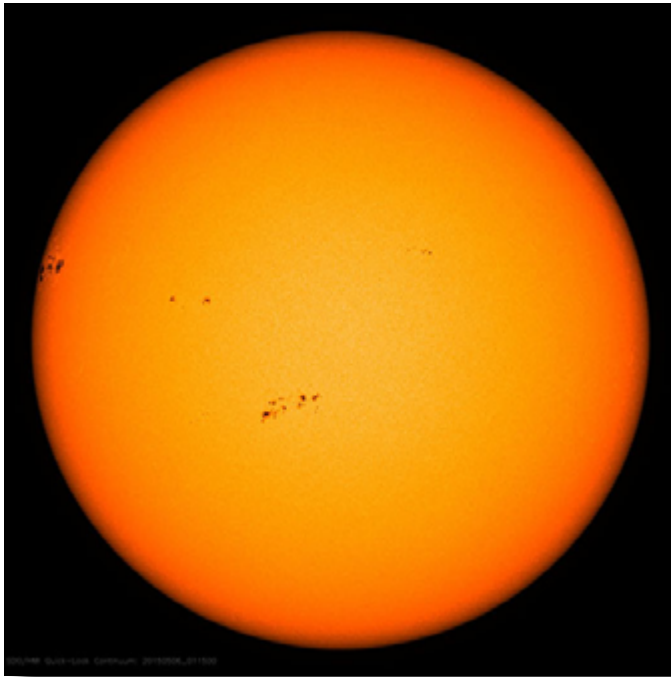


**2015 JDRF Beach Walk Team: (lt to rt) Ernie K1CPO, Dave KD4SFR, Dave K4UZM, Larry KK4WDD, Dwaine KM4HCN and Viron N4VEP. Not pictured David KU0R, Fred KB4DMQ**

## 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. Morse code practice on the 37 repeater at 7 PM on Tuesdays and Thursdays. 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)



**Sun activity from the Solar Dynamics Observatory as of 0115 UTC, 06 May 2015. This channel display is from the SDO Helioseismic and Magnetic Imager. - photo courtesy of <http://sdo.gsfc.nasa.gov>.**

**Explanation - Radio Flux 10.7 cm:** Predicted 10.7 cm (2800 MHz) full-Sun background flux. Values are in solar flux units of 10-22 Wm-2Hz-1 and are not corrected for the variable Sun-Earth distance resulting from the eccentric orbit of the Earth around the Sun.

**Planetary A Index:** Predicted daily planetary A index. The A index is an index of geomagnetic activity derived from 3-hourly K-indices. A indices range from 0 (very quiet) to 400 (extremely disturbed). A forecast A index of 30 indicates global geomagnetic storm conditions are expected.

**Largest Kp Index:** Largest daily planetary K index (Kp) expected for the day indicated. The Kp index is an estimated 3-hourly planetary geomagnetic index of activity derived in real time from a network of western hemisphere ground-based magnetometers. Kp indices range from 0 (very quiet) to 9 (extremely disturbed).

**:Product: 27-day Space Weather Outlook Table**  
**:Issued: 2015 May 04 0613 UTC**  
**# <http://www.swpc.noaa.gov/wwire.html>**  
**# 27-day Space Weather Outlook Table**

# UTC	Radio Flux	Planetary	Largest
# Date	10.7 cm	A Index	Kp Index
2015 May 04	115	5	2
2015 May 05	115	8	3
2015 May 06	120	15	4
2015 May 07	120	10	3
2015 May 08	125	5	2
2015 May 09	125	5	2
2015 May 10	130	5	2
2015 May 11	135	5	2
2015 May 12	140	25	5
2015 May 13	140	20	5
2015 May 14	135	20	5
2015 May 15	130	12	4
2015 May 16	130	8	3
2015 May 17	125	12	4
2015 May 18	125	20	5
2015 May 19	120	12	4
2015 May 20	115	8	3
2015 May 21	115	5	2
2015 May 22	115	5	2
2015 May 23	115	5	2
2015 May 24	110	5	2
2015 May 25	110	5	2
2015 May 26	110	5	2
2015 May 27	115	10	3
2015 May 28	120	10	3
2015 May 29	120	8	3
2015 May 30	120	8	3

## Strays -n- Stuff



**Joe Hoppesch, KB1B giving the technical presentation at the April IRARC Meeting. Joe's topic was Weak Signal HF JT-65 Digital Mode operations**

- *IRARC Financial Report for May 2015*  
*Checking: \$3325, Equipment Fund: \$1275.*
- *Field Day planning meeting at Rockledge Red Cross facility, Saturday May 9th starting 9 AM.*
- *2015 IRARC membership dues are still a bargain: \$18 single member rate or \$28 for the family*
- *Join the Space Coast QRP Group. They meet at a Brevard local park or other listed location - every 3rd Saturday 9 AM website at [http://groups.yahoo.com/group/Space\\_Coast\\_QRP\\_Group/](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.*

## Club Meeting News

Indian River Amateur Radio Club Minutes

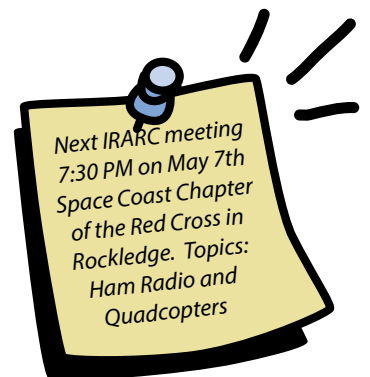
Meeting Date: 4/2/2015

Meeting Time: 19:30

Minutes recorded by: Kevin Raulins, KK4DNI

### Meeting Minutes

- Meeting called to order – 19:30
- Members present: 31
- Minutes were approved motion/seconded – passed
- Treasurer's report approved motion/seconded – passed
- Vice-President's report:
  - Presentation schedule reviewed.
  - Boy Scouts introduction.
  - Tower repairs were successful.
  - Field day preparations reviewed.
- Technical Committee report given.
  - Repeater install coming up.
- Emergency Coordinator report given.
- Presentation given by Joe Hoppesch KB1B
- Meeting Adjourned – 20:46



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### 2013 LINE LISTINGS \*\* THE ONLY REAL PARTS STORE LEFT IN SOUTH BREVARD \*\*

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CALRAD  
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NTE ELECTRONICS  
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YAESU

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

TED - W4LR - GENERAL MGR.

DOTTIE - OFFICE MANAGER