

Indian River Amateur Radio Club's Spurious Emissions

Sep 2015

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IRARC Officer Nominations / Melbourne Hamfest

Well it does not seem that long ago but it really is that time again when the IRARC membership can let their collective voices be heard and nominate candidates to fill the office positions.

The positions open are President, Vice-President, Secretary and Treasurer. Each officer will serve a two-year term beginning in January 2016. Nominations for these positions will be received in the October meeting with elections at the following November meeting.

Nominations can be received in writing or on the floor of the October meeting but the nominee will have the final say in accepting the nomination by the November meeting. (You can't draft your friend or enemy and vote them into office without their consent!)

A nominating committee chaired by Armando Delgado, KN4JN will receive nominations and don't be surprised if you receive a phone call asking for your support. Just remember the term of office is two years so if you accept a position, be

sure you can complete the service term.

IRARC does provide for continuity of leadership since the present President will have a position on the new board to advise and counsel the new leadership. That right Steve, you're still on the board.

--... / ...--

On other news, the 2015 Melbourne Hamfest, sponsored by the Platinum Coast Amateur Radio Society (PCARS) at the Melbourne Auditorium on October 9th and 10th. Yes the dates are not a typo! The Hamfest will run on Friday and Saturday so if you show up on Sunday, you will miss the party.

PCARS will reach a special milestone since this is the 50th anniversary of the Melbourne Hamfest - quite a feat.

General admission for Friday is from 2:30 PM till 7 PM and Saturday times are from 9 AM till 4 PM. There is an early setup time on Friday from 10 AM till 2:30 PM and on Saturday from 7 AM till 9 AM. Tickets are \$7.00 at the gate.

Forums begin on Friday at 3 PM and extend through Saturday. License testing will only occur on Saturday and ARES badging will be available all day Saturday. Talk-in will be on the W4MLB 146.85 MHz repeater with no tone. The main prize this year will be an ICOM 718 HF all band transceiver. See you at the Hamfest!



One antenna gone and waiting for the new one. Jim Grossmann, KE4NYN on the harness during the 146.88 MHz antenna replacement

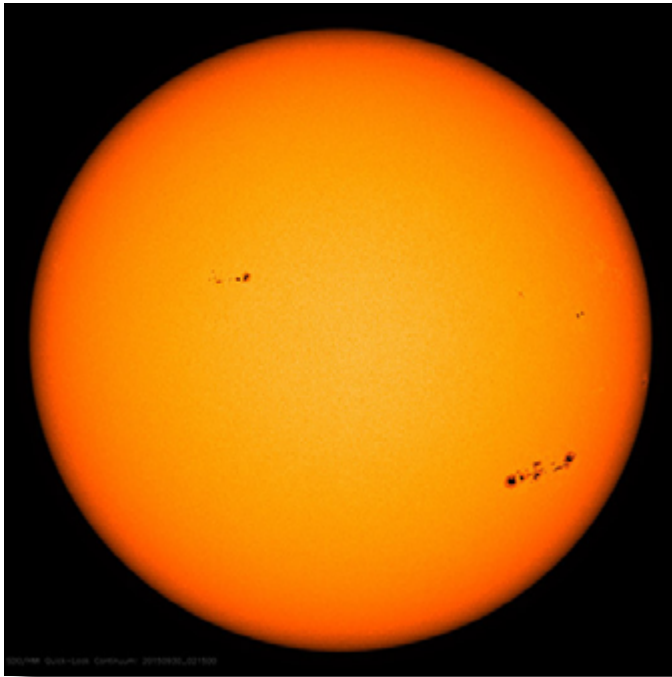


Stormy weather moving in during the 88 Repeater antenna replacement on the roof at Wuesthoff Hospital in Rockledge

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



The sunspots are back! Sun activity from the Solar Dynamics Observatory as of 0215 UTC, 30 Sep 2015. This channel display is from the SDO Heliioseismic 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 Sep 28 0507 UTC			
# http://www.swpc.noaa.gov/wwire.html			
#			
# UTC	Radio Flux	Planetary	Largest
# Date	10.7 cm	A Index	Kp Index
2015 Sep 28	130	7	3
2015 Sep 29	125	7	3
2015 Sep 30	120	7	3
2015 Oct 01	120	15	4
2015 Oct 02	115	10	4
2015 Oct 03	110	7	3
2015 Oct 04	110	15	4
2015 Oct 05	110	12	4
2015 Oct 06	115	8	3
2015 Oct 07	115	12	4
2015 Oct 08	115	18	4
2015 Oct 09	115	10	4
2015 Oct 10	115	8	3
2015 Oct 11	110	8	3
2015 Oct 12	110	8	3
2015 Oct 13	115	8	3
2015 Oct 14	120	8	3
2015 Oct 15	125	8	3
2015 Oct 16	130	10	4
2015 Oct 17	130	12	4
2015 Oct 18	130	8	3
2015 Oct 19	125	8	3
2015 Oct 20	120	8	3
2015 Oct 21	120	8	3
2015 Oct 22	120	8	3
2015 Oct 23	120	8	3
2015 Oct 24	120	8	3

Strays -n- Stuff



Those QRP guys will get anything to radiate. Viron Payne, N4VEP loading up the rain gutter as his antenna and using the grill as a counterpoise!

- *IRARC Financial Report for Sep 2015*
Checking: \$3176, Equipment Fund: \$1275.
- *Morse Code practice on Tuesday/Thursdays at 7:30 PM on 145.37 MHz repeater.*
- *Melbourne Hamfest Friday and Saturday Oct 9th and 10th at the Melbourne Auditorium.*
- *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/*
- *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 September 3, 2015

Location: Red Cross Auditorium, 1700 Cedar Street, Rockledge, FL

Meeting Start time: 7:30 PM

Call to Order: President, Steve Luchuk.

19 Attendees which includes 1 visitor and 1 new members

Pledge of Allegiance

Secretary's Report: Kevin Raulins not present. Minutes of last meeting published in the News Letter. Minutes approved by members.

Treasurer's Report: John Webb not present. President Steve Luchuk stated that the club had \$3175.61 in checking and \$1274.83 in the equipment fund. Minutes approved pending audit.

Vice President's Report: Del Anderson discussed the program schedule for the remainder of the year and thanked all those who had contributed to making Field Day the success it was.

Tech Committee: Dave Slawson, K4UZM, reported for the technical committee that the 88 repeater was fully operation and expected to have the full dual mode (analog/Digital) with three weeks. The antenna on the 88 machine was replaced with a noticeable increase in the coverage area. A RF circulator and low pass filter were added along with some new cabling.

Emergency Coordinator's Report: Stan Harrell, KJ4NUV, reported that the EOC had gone to their first level of emergency status with the approaching hurricane and had identified what shelters were to be opened. They "stood down" on Saturday morning when the hurricane began to dissipate. Stan is working on a usable "call down" list. Stan still needs some additional volunteers for potential shelter communication operators. It was recognized that these operators need "flyaway boxes" of necessary gear and supplies.

The BEARS 1 money raising cruise of 26 September was canceled for lack of interest.

Training/Education: No report.

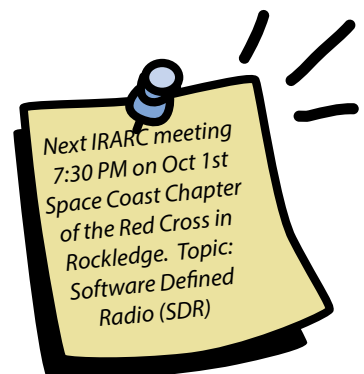
Red Cross Liaison Report: Greg O'Neill was not present.

Old Business: NONE

New Business: NONE

Program: Kevin Zari, KK4YEL, presented a demonstration and discussion of the working of WSPR and other weak signal communications.

Meeting Adjourned at 8:45 PM.



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