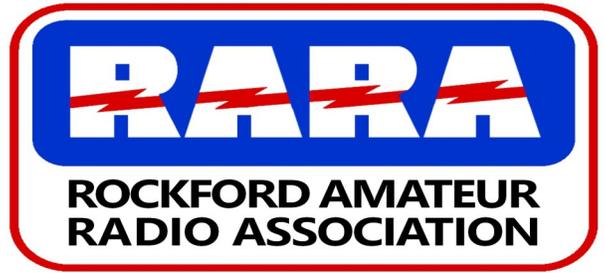


HAM RAG



Visit our website for more club and area ham information
In the Rockford area at <http://www.w9axd.org>

RARA Mission Statement

A member association with common interest of public service to the community through the use of amateur radio.

October 2015

President's Column

INSIDE THIS ISSUE

Dear Members,

I hope you all enjoyed the last meeting presentation on the Guidance System and Software that made the lunar landings possible.

This months meeting is on October 9th. The program will be a hands on demonstration using Chirp Software to configure many different brands and models of handheld transceivers. Programming memories through a computer and software make things much easier, and you can save the data file for future reference.

We will also be accepting nominations for the 2016 R.A.R.A. Officers. Please consider taking a role in the direction and helping with the activities of our organization.

Hope to see you all at the meeting.

73,
Robert Larson - KC9ICH



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NEXT MEETING

FRIDAY
October 9, 2015
7:00 pm

"Chirp Software"
How to Configure
Your Handheld Radio

By: Robert Larson - KC9ICH

Location:
OSF St. Anthony
Medical Center
5666 East State Street
Rockford, IL 61108
Foundation Room



Latest news and events on our web site: <http://www.w9axd.org>

Secretary's Report



RARA Club Meeting Minutes for September 11, 2015

The meeting was called to order by Robert Larson at 7:08 pm. Welcome to all in attendance.

The August 25th treasurer report was read by Shannon Larson. A motion to accept the report as read was made by Alvin Alexander, seconded by Gordon Seaman. The motion carried.

The August 14th meeting minutes were read. John Olson, W9JGO, made the motion to accept the minutes as read, and seconded by Jim Holich, AB9SX. The motion carried.

Old Business:

Kurt Eversole discussed the repeater cabinet he has been refurbishing. The current 146.610 repeater cabinet is of open design and we'd like to replace it with a closed cabinet. Kurt, KE9N, and Gordon Seaman, KC9NEX, picked up a cabinet, donated by OSF. Painting is yet to be completed. Sharon Harlan notified us that an application for Amateur Radio Emergency Service® (ARES) was declined.

New Business:

Jim Holich, AB9SX, let everyone know that the Midway Village Museum October 3rd event needs another CW operator. Steve Thorne offered to assist.

Kurt asked about elections. They are in October. We believe that may be for nominations.

Kurt discussed the Illinois QSO party coming up on Oct. 18th. We have station K9K. We need operators.

Alvin announced that a Boy Scout Jamboree will take place on October 17th. It is 9-5 pm that day and RARA could set up a radio station for the event perhaps.

Introductions were given by all attendees and members. What we have been up to regarding ham radio was talked about by each member.

The program was a video about the work that went in to programming the early NASA spaceflight computers.

The meeting adjourned at 8:47 pm. Gordon Seaman made the adjournment motion, and was seconded by Alvin Alexander. The motion carried.

Total meeting attendance was : 20

Submitted by Shannon Larson - KC9QBC

Editors Note

If you would like to have something published, please call me or email me at kurt.eversole@gmail.com.

Cut-off for the November 2015 issue will be Saturday, October 31, 2015

Kurt - KE9N, Editor

RARA Events and Information

UPCOMING RARA EVENTS

October 9, 2015 - General RARA Meeting 7:00 pm at OSF

October 18, 2017 - Illinois QSO Party

October 27, 2015 - RARA Board Meeting 7:00 pm at OSF

November 13, 2015 - General RARA Meeting 7:00 pm at OSF

November 24, 2015 - RARA Board Meeting 7:00 pm at OSF

SATELLITE INFORMATION

AMSAT Vice President for Engineering Jerry Buxton, N0JY, will be part of a [NASA TV](#) prelaunch panel on October 7 at 1800 UTC. The Fox-1A Amateur Radio FM transponder CubeSat will be among 13 CubeSats flying as secondary payloads on the National Reconnaissance Office (NRO) NROL-55 mission, scheduled to launch on an Atlas V rocket on Thursday, October 8, from Vandenberg Air Force Base in California.

NASA will hold two pre-launch briefings. The first, on October 7 at 1700 UTC, will highlight the growing importance of CubeSats in exploration and technology development. The second at 1800 UTC will discuss five of the CubeSats going into space the following day.

Buxton will talk about the Fox mission and science, and answer questions. Fox-1A is a 1U CubeSat carrying an FM repeater that will allow simple ground stations using a hand-held or low-power transceiver and an Arrow or Elk type antenna to make contacts via the satellite.

Fox-1A will employ Data Under Voice (DUV) to send 200 bps FSK telemetry data at the same time as FM audio. This is achieved by making use of sub-audible frequencies below 200 Hz. High-speed 9600 bps FSK also can be transmitted when the transponder is not operating. This will serve data-intensive experiments, such as the Virginia Tech Camera, and is only active when commanded from the ground. Free *FoxTelem* [telemetry decoder software](#) is available to decode both DUV and high-speed telemetry. AMSAT also has posted a [Fox Operating Guide](#). Fox-1A will include a Mode B (U/V) FM transponder with an uplink frequency of 435.180 MHz, and a downlink frequency of 145.980 MHz and capabilities similar to those of the [AO-51](#) satellite, which went dark in late 2011.



AMSAT Vice President for Engineering
Jerry Buxton, N0JY

RARA Information Net

The purpose of the net is to disseminate RARA related information as well as other Amateur Radio related information. As a club sponsored activity, please check in with Net Control and help make this net a success. The Net Control is rotated between the club members, with all amateur radio operators encouraged to check in. (RARA members as well as non-members)

Let any of the officers and board know your thoughts and ideas. If you wish to be a net control operator, let any of the officers know. All are encouraged and welcome to participate.

146.610 (pl 114.8) repeater at 8:00 pm, every Monday, except on holidays.

AREA EVENTS

58th Jamboree on the Air (JOTA) October 16-18, 2015

The Largest Scouting Event in the World



The Blackhawk Area Council will be participating in the 58th annual Jamboree on the Air, by hosting a local event located at the Program Center, 7401 Vandiver Road, Cherry Valley, IL. 61112. The local event will be held October 17 from 12:00 p.m. until 5:00 p.m. A member of the Blackhawk Area Council of Boy Scouts of America, Mark Broman, is in need of amateur radio operators with equipment and has officially requested volunteers of the Rockford Amateur Radio Association (RARA). **Specifically, Mr. Broman is requesting two HF stations, covering 80 to 6 meters with radio operators with the right temperament to assist young boys and girls scouts to make QSOs with other scouts on the day of the jamboree.**

If you're interested in volunteering, please contact Alvin Alexander 815-505-5013, KC9GIO@arrl.net

FRIDAY MORNING BREAKFAST

Meets every Friday morning from 8 am until about 9:30 am. An informal gathering of ham folks, no affiliations necessary, good food and good company.

Everyone is welcome to attend.

"The Morning Glory"

408 7th Street

Rockford, IL 61104



RARA ELECTIONS

Nominations for 2016 Officers and Directors will be finalized at our next club meeting on October 9th.

I ask that **all members** participate by emailing me at KC9ICH@arrl.net before our meeting if you are interested in any one of these positions, have questions about responsibilities, or recommend another member for a position.

Below are general descriptions of the responsibilities for each position.

- President – presides at all meetings according to the Rockford Amateur Radio Association's constitution, by-laws and rules of order. Appoint all committees, sign official documents and carry out the recommendations of the Board of Directors. The President is also Chairman of the Board.
- Vice President – will preside over meetings if President is absent and coordinate meeting presentations.
- Secretary – will keep meeting minutes, roll of members, provide applications for membership, and oversee amendments, changes & additions to the constitution and by-laws.
- Treasurer – is custodian of monies received and expended, keeping records and issuing the Treasurer's Report to the Board of Directors monthly.
- Directors (4+) - The Board of Directors shall include these Officers, a minimum of four Directors, and current editor of the monthly bulletin (Hamrag).

The President appoints the Hamrag editor, webmaster, and repeater committee chairperson. Contact me if you are interested in any of these positions.

Final nominations will be published in November's Hamrag and elections will be held at the November 13th meeting.

Robert Larson
KC9ICH



AREA Repeaters

146.610 -	ENC/DEC pl 114.8	W9AXD
147.000 +	ENC/DEC pl 114.8	W9AXD
146.805 -	ENC/DEC pl 114.8	K9AMJ
224.440 -	ENC/DEC pl 118.8	K9AMJ
147.255 +	ENC/DEC pl 114.8	WX9MCS
444.725 +	ENC/DEC pl 107.2	WX9MCS
	Linked to FISHFAR	

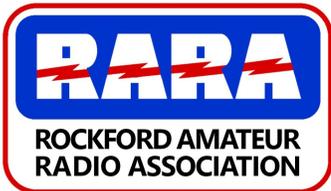
2015 RARA Officers and Board

Officers:

President - Robert Larson, KC9ICH, 815-540-0309
kc9ich@arrl.net
Vice President - Open
Secretary - Bruce Carlson, N9OHT, 815-218-1764
bruce.n9oht@gmail.com
Treasurer - Shannon Larson, KC9QBC, 815-298-7549
shannon1234@sbcglobal.net

Directors:

Ham Rag Editor and Repeater Chairman - Kurt Eversole, KE9N
815-389-2784 kurt.eversole@gmail.com
W9AXD License Trustee - Scott Francis, KG9SF,
815-874-7170 kg9sf@arrl.net
Jim Holich, AB9SX, 779-552-8796 jholich@comcast.net
Dennis Johanson, K9VMY, 815-255-4603 k9vmy@arrl.net
Dave Larsen, N9ZXL, 815-914-6078 n9zxl@att.net
Gordon Seaman, KC9NEX, 815-234-5034 gleasman@outlook.com



P.O. Box 8465, Rockford, IL 61126
Website: www.w9axd.org
E-mail: kurt.eversole@gmail.com

Local Area Nets

Monday 8:00 PM RARA Info. 146.610 - 114.8
Friday Night Fun Net 8:00 PM 147.255 + 114.8
Illinois Traffic Net (daily) 6:00 PM 3.905 LSB

place address label here

October 2015

**ROCKFORD AMATEUR RADIO ASSOCIATION
MEMBERSHIP APPLICATION**

website: w9axd.org

Membership Type : New Renewal
Annual Fees: \$10 - Student (up to age 24)
 \$25 - Adult \$15 - Senior (age 62+)

Above rate includes the RARA monthly newsletter, Ham Rag, via email
Ham Rag via USPS: \$12 extra

Name _____
Call Sign : _____
Email Address : _____
Address : _____
Town : _____ State : _____ Zip : _____
Home Phone # _____ Work # _____
Cell # _____ Ext : _____
Radio Interests _____

May we make your phone and e-mail available for other RARA members only?
Yes No
Comments _____

RETURN THE COMPLETED FORM TO:
ROCKFORD AMATEUR RADIO ASSOCIATION
P.O. BOX 8465
ROCKFORD, ILLINOIS 61126