December 2017

Club President:
William Dusenbery
(N9OQK)

Vice President:
Bill Schmidt
(WA0JCO)

Secretary:
Bob Evans
(AA9FQ)

Treasurer:
John Fuesting
(KD9DXD)

Board Members:
John Sundstrom Sr.
(WA0LIS)
Mike Phillips
(N0RSP)

Repeater Chair:
Marty Schultz
(N9PPJ)

PIO:
Bill Coby
(KB0MWG)

Newsletter Editor:
Jason Cato
(KB9LBC)

Our website is:
www.w9aiu.org
Our Facebook Page is:
https://www.facebook.com/W9AIU
Our Facebook Group is:
https://www.facebook.com/groups/7654553468182/

Our repeaters are:
146.760 – PL 141.3 in downtown St. Louis, MO with an EchoLink Node #541608
443.325 + PL 141.3 in downtown St. Louis, MO FUSION CAPABLE
146.790 – PL 127.3 in Edwardsville, IL
224.060 – No PL in Edwardsville, IL
442.400 + PL 127.3 in Edwardsville, IL

AO-91 Commissioned, Declared Open for Amateur Use!

11/23/2017

AMSAT-NA's latest Amateur Radio CubeSat, RadFxSat (Fox-1B), now known as AO-91, has been opened for general use. AMSAT Engineering officially announced that AO-91 was ready for use at 0650 UTC on Thanksgiving Day, November 23. AMSAT VP of Engineering, Jerry Buxton, N0JY, turned over operation to Mark Hammond, N8MH, and AMSAT Operations during a contact on the AO-91 repeater during the pass over the Eastern US, AMSAT said in a bulletin.

The latest CubeSat in the Fox series was launched on November 18 from Vandenberg Air Force Base in California. Telemetry is downlinked via the DUV sub-audible telemetry stream, which can be decoded using FoxTelem software. A 1U CubeSat, RadFxSat (Fox-1B) is a joint mission of AMSAT and the Institute for Space and Defense Electronics (ISDE) at Vanderbilt University. AMSAT constructed the rest of the satellite, including the spaceframe, on-board computer, and power system.

The Amateur Radio package is similar to that on AO-85, with an uplink on 435.250 MHz (67.0 Hz CTCSS) and a downlink on 145.960 MHz. —

Thanks to AMSAT News Service

Amateur Radio-Carrying D-Star One CubeSat among Spacecraft Apparently Lost

11/29/2017

The first Amateur Radio satellite to employ the D-Star digital voice and data format — D-Star One — was among about 20 secondary payloads lost on November 28 after an otherwise nominal launch of a three-stage Soyuz 2.1 booster from the new Vostochny Cosmodrome in the far reaches of eastern Russia. The mission carried the Russian Meteor M2-1 satellite — the primary payload — as well as a Canadian Telesat experimental satellite,
and 17 other secondary payloads, including D-Star One. According to reports, a fault occurred in the sophisticated and autonomous Fregat upper stage, which, after separating from the launch vehicle, inserts multiple spacecraft into their respective orbits. A so-called “space tug,” Fregat has been in service for nearly 2 decades and has suffered three previous failures. Russian space agency Roscosmos is investigating the Fregat failure.

D-Star One, the first German commercial CubeSat, carried four communication modules, two designated for Amateur Radio use. It was developed by German Orbital Systems in cooperation with the Czech company iSky Technology as part of a plan to eventually assemble a low-Earth orbit communication network.

“Hopefully, we’ll get another chance to utilize D-Star communications with a satellite repeater sometime in the future,” Wayne Day, N5WD, commented on the AMSAT-BB.

The Fregat upper stage functions as an orbital vehicle in its own right to access a range of orbital configurations through a series of “burns.” Made up of 6 spherical tanks arrayed in a circle, Fregat is “independent from the lower three stages, having its own guidance, navigation, control, tracking, and telemetry systems,” according to Gunter’s Space Page.

The November 28 launch was only the second from the new cosmodrome.
It's that time of year again. Club dues can being collected at the Christmas Party, a regular club meeting, or if you choose to mail them in;

Egyptian Radio Club
PO Box 562
Granite City IL 62040-0562
ATTN: Club Dues

$36 Full membership
$18 Associate Membership
or
$24 Senior Membership (65 years or older)
Cash or check is fine, as usual. But, We even take plastic now.
2017
ST. LOUIS METRO
ARES/RACES EVENT CALENDAR

CHECK THE WEBSITE FOR THE MOST UP-TO-DATE INFORMATION! WWW.STLARES.ORG

FEBRUARY
6th – Planning Committee Meeting
13th – Regular Monthly Meeting
18th – Multi-Faceted ARES Exercise

MARCH
4th – Intro. to Emergency Comm Class #1
11th – Intro. to Emergency Comm Class #2
13th – Regular Monthly Meeting
18th – Intro. to Emergency Comm Class #3
25th – Intro. to Emergency Comm Class #4 & Field Exam

APRIL
3rd – Planning Committee Meeting
10th – Regular Monthly Meeting
29th – 4 Zone Simplex Exercise

MAY
5th – Effective & Efficient Communicating Class
6th – Basic/Advanced Winlink Express Class
8th – Regular Monthly Meeting

JUNE
3rd – Tour de Cure, Alton, IL*
5th – Planning Committee Meeting
12th – Regular Monthly Meeting

24th & 25th – Field Day (overnight) @ Jefferson Barracks Park

JULY
10th – Regular Monthly Meeting

AUGUST
5th – Lupus Bike Ride, Eureka, MO*
7th – Planning Committee Meeting
12th – Net Control Operator Boot Camp
14th – Regular Monthly Meeting

SEPTEMBER
9th & 10th – MS Bike Ride, Godfrey, IL*
11th – Regular Monthly Meeting

OCTOBER
2nd – Planning Committee Meeting
7th & 8th – Simulated Emergency Test
9th – Regular Monthly Meeting

NOVEMBER
13th – Regular Monthly Meeting

DECEMBER
4th – Planning Committee Meeting
11th – Regular Monthly Meeting

All meetings, exercises and classroom training sessions are open to everyone. Classroom training sessions require registration. Check STLARES.ORG website for info.

*Public Service Events, may require additional training / registration outside of St. Louis Metro ARES/RACES
ONLY
200 RAFFLE TICKETS
BEING SOLD

ICOM IC-7100 HF PLUS 6m / UHF / VHF
WITH D-STAR

INCLUDES A
HEIL HM-22 GENESIS
WIDE RESPONSE
MICROPHONE

Egyptian Radio Club Transceiver Raffle

MOBILE HF, VHF AND UHF TRANSCIEVER

TICKET $10 EACH
200 TOTAL TICKETS
DRAWING TO BE HELD
WHEN LAST TICKET IS SOLD

ICOM IC 7100

Output power
100W HF/50MHz
50W 144MHz
35W 430/440MHz

RX frequencies:
0.030-199.99, 400-470

Receiver type:
Triple conversion superheterodyne

ticket holders will be notified by email of drawing and winner

For tickets contact any ERC member,
or email w9iau@w9aiu.net
Status Report: The Amateur Radio Parity Act of 2017

11/28/2017

The Amateur Radio Parity Act of 2017 – S. 1534 is alive, but with legislative action slowed to a glacial pace on Capitol Hill in recent months, there’s been no real progress to report since this past summer. At present, the bill is under consideration by the US Senate Committee on Commerce, Science, and Transportation, and it remains an active concern for ARRL. The League is working diligently to shake the bill loose and move it forward.

While it may appear that time is short, S. 1534 does not need to pass the Senate by this year’s end. We have until the current session of Congress adjourns, which is not until December 31, 2018. Once the bill passes both Houses, the FCC would still have to implement its essence in the Part 97 Amateur Service rules.

Introduced on July 12, 2017, S. 1534 marked another step forward for the landmark legislation. Senators Roger Wicker (R-MS) and Richard Blumenthal (D-CT) sponsored the bill in the Senate. The US House version of the legislation, HR 555, passed the House of Representatives by unanimous consent in January 2017.
Please join me in welcoming Noah Sevcik, K9BZY as our new cabinet member holding the position of Affiliated Club Coordinator.

From your SEC...

In collaboration with Ron Morgan, AD9I, Illinois Section Manager, Robert Littler, W9DSR, ASEC and Debby Gray, WX9VOR, District 3 DEC...the announcement is being made to appoint Robert (Bob) Langsfeld WB9TZC as ADEC for District 4, Cook County serving the North West Central Dispatch System Communities (NWCDSC). Cook County is a complex area involving many different communities within its border. With Bob’s appointment, we will continue to further subdivide this area to ensure the best possible fit to provide the served agencies with amateur radio support.

NWCDSC serves the following communities Arlington Hts. Police and Fire,
Buffalo Grove Police and Fire, Elk Grove Police and Fire,
Hoffman Estates Police and Fire, Inverness Police, Mount Prospect Police and Fire,
Palatine Police and Fire, Prospect Hts. Police, Rolling Meadows Police and Fire, Schaumburg Police and Fire,
Streamwood Police and Fire, Barrington Country Side Fire Protection District and the Palatine Rural Fire District

In this position Bob will be working with the Public Safety Access Points agencies and the Joint Emergency Coordinator to bring the rest of North West Central Dispatch System together. We have Palatine, Elk Grove, Hoffman Estates, and Schaumburg already meeting together with EM-COMM Round table and have the opportunity to bring the others in to strengthen our response and exercise team. Bob believes that the Joint Emergency Management System will be looking at the various volunteer groups in our PSAP like AUX COMM / ARES, MRC, CERT, and Fire Rehab forming a combined training and exercise program in the future.

Bob will be working with several clubs in the covered area and many of the area clubs provide public service to the communities and assist each other. He will also interface with the Salvation Army territorial headquarters here in Hoffman Estates as another served agency. This is in addition to serving three hospitals in his area.

From Bob, “My background as a ham goes back to Mt Prospect Civil Defense where I earned my Ham license. I spent time traveling to Olsen Electronics, Allied Radio, Lafayette and the Heath Kit store to build kits and projects. I got started in CB and SWL listening, learned electronics in High School and College and worked in Medical Imaging Electronics. Many of my class mates did the same and are still active Hams.” “Ever since High School I was interested in Emergency Management and the operations side of the Fire Department. “I have been to countless public service events, floods and a tornado or two over the years as a Ham. Eventually an opportunity opened up for me to become the Emergency Management Coordinator in Hoffman Estates where I was a volunteer. I’ve been the Coordinator for the past several years.” One of my believes is every Ham has the duty to serve the public and that it is necessary to justify the use of the radio spectrum we use on a daily basis.

Bob will be using his contacts with Local, County, and State Emergency Management Agencies, Red Cross, Salvation Army and our served Hospitals to promote and include them in ARES activities.
Illinois Sideband Net webpage

Illinois Nets This is a link to the open Amateur Nets
Ye Olde Traffic Report:
September 2017 monthly reports are:
Illinois Side Band Net - Net Manager WB9QPM
Daily on 3905 at 1800 local time
QNI 262 QTC 83 Sessions 30
Illinois Phone Net - Net Manager KA9MZJ
M-F on 3857 at 1645 local time
Sunday on 3940 at 0800 local time
QNI 146 QTC 25 Sessions 25
North Central Phone Net – Net Manager KA9MZJ
M-F on 3912 at 0700 local time
QNI 224 QTC 41 Sessions 21
Illinois CW Net (ILN) Net Manager W9NXM
Daily on 3537 at 1915 local time
QNI 49 QTC 0 Sessions 23
I want to express my disappointment in not being able to attend The SouthSide Amateur Radio Club in Belton, MO or the St. Louis ARC Halloween Hamfest in Kirkwood, MO due to illness. I was hospitalized due to having a severe case of flu. I was well enough to attend the Raytown ARC Hamfest and enjoyed putting on a forum with Midwest Division Director Rod Blocksme and Kansas SM Ron Cowan. There were plenty of vendors present as well as a good number of flea market tables. This year’s Nixa Amateur Radio Club Hamfest the Narcfest was held at a new location this year. It was very well organized and well attended. There were several forums but the most popular seemed to be the DMR forum. It covered how to get started with DMR, what radio providers are currently offering DMR radios, how to program your radio and all the talk group’s available to use.

It was great to have the federal version of the parity act pass the U.S. House of Representatives and is in the Senate waiting to be called to a vote. It would be valuable for Missouri Amateurs to contact Senator Roy Blount and Senator Claire McCaskill and express their desire to have the bill brought to a vote and to support that legislation. You can use the links provided to guide you in contacting our U.S. Senators https://contactsenators.com/missouri/roy-blunt and https://contactsenators.com/missouri/claire-mccaskill.

AFFILIATED CLUB NEWS  KEITH HAYE, WE0G, ACC
Cliff Rozen, KC0SDV, of the St. Louis Suburban Radio Club reports that the October 21 – 22 SLSRC License Course has resulted in seventeen new hams in the area. These individuals passed their exams and in addition to their new FCC issued License they will receive a complimentary SLSRC membership for 2018. Cliff encourages everyone to welcome them to the hobby and to the club at upcoming events and on the air. Rebecca Carroll, KC9CIJ, of the SLSRC reminded members to pay their 2018 dues and provided an extensive list of the many activities and projects sponsored by the SLSRC. One of the unique benefits of membership is the SLSRC YouTube Channel and records the monthly presentations for members to view at a later date. At the November Hannibal Amateur Radio Club meeting Dale Bagley, K0KY, the District B DEC, presented Don Vary, KD0HHN, with his appointment to be District B Assistant DEC. Don is currently the President of the Hannibal ARC and EC for Marion County, the HARC newsletter reported that Don gave an update on a simulated emergency drill called “Black Swan”. It was held in October and was sponsored by the Ohio ARES. The scenario was a series of super cell thunderstorms forming in Iowa and leaving a path of destruction across the mid-west into Ohio. The main purpose was coordinating and practicing operability of Federal, State and Local agencies as well as Amateur Radio. Don (KD0HHN) reported that Verne (W5UYF) and Liz (KE0KCT) volunteered to be traffic recipients along with several others state wide. Verne got an award for having the most health and welfare traffic received with 5 messages Liz received 3 messages. They were posing as “relatives” of people in the affected areas to receive health and welfare messages and used fake names. The people running the event liked the names that Don submitted. Verne was “Mary England”, Liz was “Abby Normal”, others were “Franklin Furter” and “Dick Tracy”. Since September of 2005 the Mississippi Valley DX and Contest Club (MVDXCC) has sponsored the W-ZERO QSL Bureau as a service to the Amateur Community. If you are new to Amateur Radio or have not made a lot of DX contacts, you are probably not too familiar with the ARRL system of sending and receiving DX QSL Cards. The W-ZERO QLS Bureau website will provide the complete details to help understand this system. That link is http://www.zeroburo.org/. When you get a package or envelope of DX QSL cards, you are reminded if you need to
provide the postage and/or envelopes that are necessary to send you future shipments. The Midwest Division and the Missouri Section is fortunate to have such a great Amateur Radio Club as one of their affiliates.

SECTION ARES REPORT FOR OCTOBER 2017

JEFF YOUNG, KB3HF, SEC.

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total # ARES Members</td>
<td>1287</td>
</tr>
<tr>
<td>Number of Drills, Testing, Etc.</td>
<td>215</td>
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<tr>
<td>Number of Ham Hours</td>
<td>2235.94</td>
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<td>Number of Public Service Events</td>
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<tr>
<td>Number of Ham Hours</td>
<td>458</td>
</tr>
<tr>
<td>Number of Emergency Operations</td>
<td>10</td>
</tr>
<tr>
<td>Number of Ham hours Emer. Op.</td>
<td>105.75</td>
</tr>
<tr>
<td>Number of Skywarn Ops this month</td>
<td>12</td>
</tr>
<tr>
<td>Number of Skywarn Hours</td>
<td>47.5</td>
</tr>
<tr>
<td>Total ARES Operations this month</td>
<td>289</td>
</tr>
<tr>
<td>Total Ham Hours</td>
<td>2847.19</td>
</tr>
</tbody>
</table>

9 out of 9 districts reporting
ERC General Meeting November 2 2017

Present: Bob Evans AA9FQ, Larry Miller N9LBG, John Sundstrom WA0LIS, Nolan Zobrist KA9VKC, Jim Williams KD9FQC, Justin Garbe WA9JTG, Jim Harris, Mary Unfriend KA9ZTS, Jennifer Cato, Jason Cato KB9LBC, Choxsey KD9JKP, Bill Schmidt WA0JCO, Bill Dusenberry N9OQK, John Fuesting KD9DXD

Mike Phillips noted a Silent Key Tom Green who passed on October 21 burial was at Sunset Hills Memorial Estate with Military Honors. The board will discuss a memorial to be made to the American Cancer Society on his behalf.

The board approved raffling an Icom 7100 200 tickets $10/ ticket

Dues are Due please pay your dues we have a number of ways for you to do so.

Treasurer report given by John Fuesting approved

John Fuesting is also asking everyone to fill out a new membership application, so all the information can be updated in the database.

Minutes were listed in the newsletter, approved as written

Christmas party Mike Phillips has reconfirmed the reservation to ensure everyone at Uncle Lenny’s knows we are coming.

Remember our Toys for Tots drive that Mike Phillips coordinates with Beltline Chiropractic

All toys donated stay in the local area.

Tonight is Nomination night

After calling for nominations once by Bill Dusenberry and a second time by Bob Evans and hearing none. John Sundstrom motioned to nominate the current slate of officers serving, seconded by Bill Schmidt.

A motion to close nominations was made by Terry Bell, seconded by Mary Unfriend.

Election will take place at the Christmas party.

Bill Dusenberry gave a report on the status of the SIUE tower and his plans to meet with the new engineer.

Marty Shultz, asked if some of the coax can be left on the SIUE tower, for future use.

Marty Shultz gave the repeater report, we need to order a crystal for the 440 repeater with APRS.

Lou AA9RT gave Marty a plaque showing that W9AIU won first place for portable station in the 2016 Illinois QSO party.
Jason Cato contacted Jason Schmidt about if it was ok to use his name in the newsletter and to run an ad in the club newsletter for Jason Schmidt’s computer repair business.

Marty got a call from Fred N9fdj is moving from Old Ripley and he has a 65 foot tower that needs to come down, the tower and antennas are free to anyone willing to remove the tower.

Bob Evans requested the club be a sponsor for an EC001 introduction to emergency communication course that he and Rebecca Carroll will be running over the winter. There was no objection.

Bob Evans also reported on the St. Louis Metro ARES orientation taking place November 11, The Illinois and ARES District 8 SET taking place November 4, and the Madison County ARES SET taking place November 11.

Minutes submitted by
Bob Evans AA9FQ
### Announcements

<table>
<thead>
<tr>
<th>Ever thought about becoming a Volunteer examiner, so you can help out giving license exams? Download the FREE VE manual <a href="http://www.arrl.org/ve-manual">http://www.arrl.org/ve-manual</a> Then fill out the application and take the free open book review <a href="http://www.arrl.org/.../file/VEs/Prospective%20VE%20pkg%2020201...">http://www.arrl.org/.../file/VEs/Prospective%20VE%20pkg%2020201...</a> Mail it in and in a couple weeks you can be giving license exams.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Antenna Builders Guild Meeting</strong></td>
</tr>
<tr>
<td>December 9th 10am and January 13th 10am at the Egyptian Radio Club Room at the Holy Family Community Center at 2600 Washington Ave in Granite City, IL.</td>
</tr>
</tbody>
</table>
Advertisements

The Podunk Hollow News is a monthly publication of the Egyptian Radio Club, Inc. Advertising space is available in the Podunk Hollow News at $12.00 per business card size ad per year. Larger advertising space is available, per month or per year. All advertisers are welcome in the Podunk Hollow News. Ads are now clickable.

D&L Antenna Supply
http://www.dandiantenna.com
3410 Gibbs Road
Kansas City Kansas 66106
USA
Now with secure online ordering!
816-591-1646
sales@dandiantenna.com

Heil Sound
Start a Sound Revolution

5800 North Illinois Street,
Fairview Heights, IL 62208
(618)257-3000
The Egyptian Radio Club uses only Heil Headsets and Microphones.
Watch HamNation on TWiT-TV, every Wednesday at 8pm Central.
Or download it later from TwiT-TV.

Al's Radio Service

Alan Tshor
1409 Dickey Road
Pawnee, IL 62268
217-625-7494
n8maf@warpnet.net

Jason Schmidt's Computer Sales & Repair Service
(618) 973-2326
jason_oths@yahoo.com
Specializing in the sales and repair of desktop and laptop computers.

www.jimsengraving.com
General Club Information

The club holds a monthly meeting on the first Thursday of the month and is open to all. Visitors are always welcome at the meetings. The next meeting & Christmas party is December 7th at 6:00pm at the Uncle Linny's Restaurant, 4112 Pontoon Rd., Pontoon Beach, IL. Members tend to arrive early to socialize, and the actual meeting starts at 6:30pm.

The club has an informal net every Tuesday at 8:00pm on 146.76. The PL and time-out timer are turned off for the net. You do NOT need to be a member to participate or use the repeater, as it is open to ALL licensed Amateurs. Be sure to “stop in” and say hi!

Anyone interested in joining the Egyptian Radio Club will find an application at the end of this newsletter.

Contact us;
WebMaster - webmaster@w9aiu.net
Ham Fest Chairman - hamfest@w9aiu.net
Field Day Chairman - fieldday@w9aiu.net
Newsletter Editor – kb9lbc@gmail.com

US Mail;
Egyptian Radio Club, Inc.
P. O. Box 562
Granite City, Illinois
62040-0562

Our website is;
www.w9aiu.org.
Our Facebook Page is;
https://www.facebook.com/W9AIU.
Our Facebook Group is;
https://www.facebook.com/groups/765454553468182/.

Our repeaters are:

146.760 – PL 141.3 in downtown St. Louis, MO with an EchoLink Node #541608

443.325 + PL 141.3 in downtown St. Louis, MO Now System Fusion Capable

146.790 – PL 127.3 in Edwardsville, IL

224.060 – No PL in Edwardsville, IL

442.400 + PL 127.3 in Edwardsville, IL

Search for Special Events Stations
I hereby apply for membership in the Egyptian Radio Club, Inc. and agree to accept and follow its By-Laws. Furthermore, I agree to operate my Amateur Radio Station in accordance with the Rules and Regulations of the Federal Communications Commission Part 97, of the United States of America.

EGYPTIAN RADIO CLUB 2011 DUES STRUCTURE

I am enclosing one year of dues, pro-rated, based on the number of months remaining in the calendar year.
(Calendar year: January 1 to December 31)

Sponsoring Member:

Sponsoring Member:

Secretary: Dated / / 

Application Form Oct/2011
Artwork by Phillip "Gil" Gildersleeve, W1CJD/SK. Longtime Staff Artist at ARRL HQ. This painting is the property of the Egyptian Radio Club and is on loan to the ARRL. It hangs in the entrance foyer at HQ.