Albany Amateur Radio Association

B-PLUS
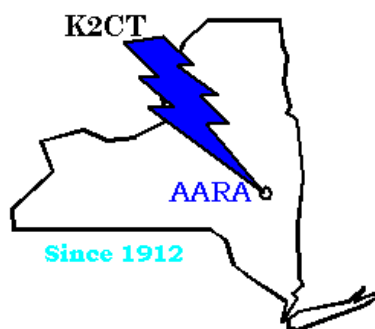
FEB. 2018

K2CT

AARA

Since 1912

AARA November Meeting
<u>Friday, Feb16, 2018</u>

Bethlehem Town Hall
445 Delaware Ave.
Delmar, NY 12054

Social Hour 6:50PM
Refreshments
soda, coffee, water, cookies

Bethlehem Town Hall
LAT   42°37'12.8"N
LONG   73°50'25.4"W

AARA February Meeting

Douglas Sharafanowich, WA1SFH

ARRL Connecticut Section Youth Coordinator

Youth Outreach/STEM program for schools

www.k2ct.org

Please PAY your Dues.
AARA Dues

Dues cheerfully accepted,
Dues are **$20**.
B-PLUS Newsletter sent via the
K2CT Web page in .pdf format

Checks should be made out to
AARA and sent to:
Saul Abrams, K2XA
307 Maple Rd.
Slingerlands, NY 12159

Jan AARA meeting **Ham Radio Jepperdee with host Bob Raffaele, W2XM**

ATVET   Albany Troy Volunteer Examiner Team

Exam Date	Day	Doors Open	Exam Time (Doors will Close)
February 10, 2018	Saturday	9:20 AM	10:00 AM
March 10, 2018	Saturday	9:20 AM	10:00 AM
April 14, 2018	Saturday	9:20 AM	10:00 AM
May 12, 2018	Saturday	9:20 AM	10:00 AM
July 11, 2018	Wednesday	6:20 PM	7:00 PM
August 11, 2018	Saturday	9:20 AM	10:00 AM

ATVET will again be holding their exam sessions in the C.I.I. Building (Low Center for Industrial Innovations), Room 3045, on the Campus of RPI. Examination room doors will open 40 minutes prior to the exam time, with exams starting at the times indicated above. NOBODY will be admitted into the exam room after the starting time. ATVET never requires any pre-registration for any of their exams. Starting January 1, the fee charged all applicants at ARRL VEC-coordinated Amateur Radio examination sessions will be $15.00 either cash, or check (payable to ARRL-VEC). This fee is required from all candidates taking any of the exam elements offered by this team.

School Club Roundup   http://www.arrl.org/school-club-roundup

Winter/Spring Term: February 12-16, 2018 Fall Term: October 15-19, 2018

Objective: To exchange QSO information with club stations that are part of an elementary, middle, high school or college. Non-school clubs and individuals are encouraged to participate.

CONTESTS

Feb. 2018

L Inter. DX Contest, CW	0000Z, Feb 17 to 2400Z, Feb 18
SARL Youth Day Sprint	0800Z-1000Z, Feb 17
Russian PSK WW Contest	1200Z, Feb 17 to 1159Z, Feb 18
Feld Hell Sprint	1900Z-2059Z, Feb 17
AWA Amplitude Modulation QSO Party	2300Z, Feb 17 to 2300Z, Feb 18
Classic Exchange, Phone	1400Z, Feb 18 to 0800Z, Feb 19 and 1400Z, Feb 20
Run for the Bacon QRP Contest	0200Z-0400Z, Feb 19
QRP Fox Hunt	0200Z-0330Z, Feb 21
Phone Fray	0230Z-0300Z, Feb 21
AGCW Semi-Automatic Key Evening	1900Z-2030Z, Feb 21
RSGB 80m Club Championship, CW	2000Z-2130Z, Feb 22
NCCC RTTY Sprint	0145Z-0215Z, Feb 23
QRP Fox Hunt	0200Z-0330Z, Feb 23
NCCC Sprint	0230Z-0300Z, Feb 23
CQ 160-Meter Contest, SSB	2200Z, Feb 23 to 2200Z, Feb 25
REF Contest, SSB	0600Z, Feb 24 to 1800Z, Feb 25
UBA DX Contest, CW	1300Z, Feb 24 to 1300Z, Feb 25
South Carolina QSO Party	1500Z, Feb 24 to 0159Z, Feb 25
North American QSO Party, RTTY	1800Z, Feb 24 to 0559Z, Feb 25
High Speed Club CW Contest	0900Z-1100Z, Feb 25 and 1500Z-1700Z, Feb 25
SARL Digital Contest	1300Z-1600Z, Feb 25
North Carolina QSO Party	1500Z, Feb 25 to 0059Z, Feb 26
SKCC Sprint	0000Z-0200Z, Feb 28
QRP Fox Hunt	0200Z-0330Z, Feb 28
Phone Fray	0230Z-0300Z, Feb 28

March 2018

NCCC RTTY Sprint	0145Z-0215Z, Mar 2
QRP Fox Hunt	0200Z-0330Z, Mar 2
NCCC Sprint	0230Z-0300Z, Mar 2
Novice Rig Roundup	0000Z, Mar 3 to 2400Z, Mar 10
ARRL Inter. DX Contest, SSB	0000Z, Mar 3 to 2400Z, Mar 4

Wake-Up! QRP Sprint	0600Z-0629Z, Mar 3 and 0630Z-0659Z, Mar 3 and 0700Z-0729Z, Mar 3 and0730Z-0800Z, Mar3
Open Ukraine RTTY Championship	1800Z-2059Z, Mar 3 (Low Band) and 2100Z-2359Z, Mar 3 (Low Band) and 0800Z-1059Z, Mar 4 (High Band) and 1100Z-1359Z, Mar 4 (High Band)
UBA Spring Contest, CW	0700Z-1100Z, Mar 4
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 4
NSARA Contest	1200Z-1600Z, Mar 4 and 1800Z-2200Z, Mar 4
RSGB 80m Club Championship, Data	2000Z-2130Z, Mar 5
ARS Spartan Sprint	0200Z-0400Z, Mar 6
AGCW YL-CW Party	1900Z-2100Z, Mar 6
QRP Fox Hunt	0200Z-0330Z, Mar 7
Phone Fray	0230Z-0300Z, Mar 7
CWops Mini-CWT Test	1300Z-1400Z, Mar 7 and 1900Z-2000Z, Mar 7 and 0300Z-0400Z, Mar 8
NRAU 10m Activity Contest	1800Z-1900Z, Mar 7 (CW) and 1900Z-2000Z, Mar 7 (SSB) and 2000Z-2100Z, Mar 7 (FM) and 2100Z-2200Z, Mar 7 (Dig)
UKEICC 80m Contest	2000Z-2100Z, Mar 7
AWA John Rollins Memorial DX Contest	2300Z, Mar 7 to 2300Z, Mar 8 and 2300Z, Mar 10 to 2300Z, Mar 11
NCCC RTTY Sprint	0145Z-0215Z, Mar 9
QRP Fox Hunt	0200Z-0330Z, Mar 9
NCCC Sprint	0230Z-0300Z, Mar 9
RSGB Commonwealth Contest	1000Z, Mar 10 to 1000Z, Mar 11
SARL VHF/UHF Analogue/Digital Contest	1000Z, Mar 10 to 1000Z, Mar 11
South America 10 Meter Contest	1200Z, Mar 10 to 1200Z, Mar 11
F9AA Cup, SSB	1200Z, Mar 10 to 1200Z, Mar 11
SKCC Weekend Sprintathon	1200Z, Mar 10 to 2400Z, Mar 11
AGCW QRP Contest	1400Z-2000Z, Mar 10
Oklahoma QSO Party	1500Z, Mar 10 to 0200Z, Mar 11 and 1400Z-2000Z, Mar 11
Stew Perry Topband Challenge	1500Z, Mar 10 to 1500Z, Mar 11
EA PSK63 Contest	1600Z, Mar 10 to 1600Z, Mar 11
TESLA Memorial HF CW Contest	1800Z, Mar 10 to 0559Z, Mar 11
QCWA QSO Party	1800Z, Mar 10 to 1800Z, Mar 11
Idaho QSO Party	1900Z, Mar 10 to 1900Z, Mar 11
QRP ARCI Spring Thaw SSB Sprint	2200Z-2300Z, Mar 10
North American Sprint, RTTY	0000Z-0400Z, Mar 11

D-Star ONE Phoenix, First D-Star Communication Spacecraft, Launched   ARRL.org *02/04/2018*

A *Soyuz* rocket launched D-Star ONE Phoenix and 10 other satellites into orbit on February 1 from Vostochny Cosmodrome in Russia. Developed by German Orbital Systems in Berlin in cooperation with the Czech company iSky Technology, D-Star ONE Phoenix carries an Amateur Radio relay

payload (call sign DP1GOS). It replaces the D-Star ONE nanosatellite that failed to attain orbit following a November *Soyuz* launch from Vostochny.

Downlink frequencies are 435.700 MHz for telemetry and 435.525 MHz for D-Star. The uplink is 437.325 MHz.

D-Star ONE Phoenix is a 3U CubeSat equipped with four identical radio modules with D-Star capability, operating in half-duplex mode with a power output of 800 mW. The two telemetry and tele command modules both receive, and both in sequence, so each telemetry frame is repeated. The other two modules are dedicated to Amateur Radio, although only one will operate at a time. The modules are configured to work as D-Star repeaters, so they retransmit received D-Star frames on the downlink frequency. They also have a D-Star voice beacon.— *Thanks to AMSAT News Service, D-Star ONE*

Getting Started with LoTW   Logbook of the World

Before you can submit QSOs to Logbook of the World (LoTW), you must install the free TQSL application on your computer. TQSL will enable you to obtain a Callsign Certificate that identifies you as the source of the QSOs you submit, and will also enable you to define a Station Location that specifies the geographical details of your operating location. A flowchart illustrating these steps is available here.

The QSOs you've submitted will be confirmed when your QSO partners submit matching QSOs. Before you can submit these confirmations for DXCC, VUCC, WAS, WAZ or WPX award credit, you must setup the linkage between LoTW and the award families you're pursuing.

Getting Started with Submitting QSOs

Note: If your primary callsign was issued in the United States but the postal address registered with the Federal Communications Commission (FCC) is not current, update it via the FCC ULS website before proceeding.

Start by downloading and installing TQSL, and using it to request a Callsign Certificate for your current callsign.

1. Download and Install TQSL

2. Request Your Initial Callsign Certificate and LoTW Account Password

If your primary callsign was issued in the United States, the ARRL will send a postcard to the postal address specified in your FCC license. The postcard will specify an 8-digit "postcard password"; using your web browser, navigate here, and type in your "postcard password". In response, the ARRL will send you an email message containing your LoTW Account Password, with your Callsign Certificate attached.

3. Accept Your Initial Callsign Certificate

Next, define a Station Location that describes the location from which you operate using your current callsign. If you have operated from more than one location, start by defining a Station Location for your current location; you can define additional Station Locations later.

4. Define Your Initial Station Location

Before using TQSL or your logging application to submit QSOs to LoTW, employ the username and password contained in the email you received from the ARRL to verify that you can log in to your LoTW Account. Be sure to remember this username and password, as your LoTW Account enables you to confirm that the QSOs you submit to LoTW have been accepted, determine which of your submitted QSOs have been confirmed via LoTW, and submit confirmations for Award Credit.

5. Log in to your LoTW Account

Now you can submit QSOs to LoTW!

AARA Dues
Dues cheerfully accepted,
Dues are $20.
B-PLUS Newsletter sent via the
K2CT Web page in .pdf format
www.k2ct.org