

KEN GOETZ, N2SQW
518 622-8987
PRESIDENT
ken.l.goetz@gmail.com

GERALD MURRAY, WA2IWW
VICE-PRESIDENT
518 482-8700
wa2iww@arrl.net

SAUL ABRAMS, K2XA
TREASURER
518 439-5700
k2xa@arrl.net
sabrums@nycap.rr.com

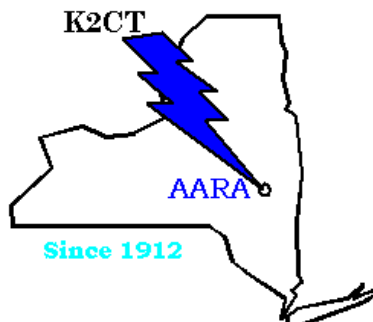
WALT LEGOWSKI, WA1KKM
SECRETARY
518 456-3637
suee.walt@dososaur.com

JACK NORRAY, KD2ZDC
518 795-8899
DIRECTOR

JIM GRACE, KA2AQV
DIRECTOR
518 272-8653
jamesgr520@hotmail.com

BRUCE GOLDSTEIN, WA3AFS
518 765-2893 *Webmaster*
wa3afs@arrl.net

Albany Amateur Radio Association



MIKE BERGMAN, WD2AJS
489-3110 *B-PLUS EDITOR*
wd2ajs@nycap.rr.com

ERNIE POPP, K2EP
518 477-9581
TRUSTEE of K2CT
k2ep@arrl.net

JOHN FRITZE, K2QY
518 439-4240
DIRECTOR
k2qy@arrl.net

B-PLUS SEPT 2018

**AARA Meeting
Friday, Sept. 14 2018**

**Bethlehem Town Hall
445 Delaware Ave.
Delmar, NY 12054**

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

AARA SEPT. Meeting

Mike Lisenco, N2YBB

ARRL Hudson Division Director

Update on Amateur Radio Parity Act
and other topics

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

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



www.k2ct.org

Digital Mobile Radio Hotspots May Be Interfering with Satellite Uplinks, AMSAT Reports **ARRL 09/05/2018**

This week, AMSAT News Service (ANS) cited an August 27 report from AMSAT Vice President-Operations Drew Glasbrenner, KO4MA, saying that a digital mobile radio (DMR) signal has been interfering with the AO-92 (Fox-1D) satellite's 435.35 MHz uplink frequency. Glasbrenner said hotspots, repeaters, terrestrial simplex, and "anything not satellite" should never transmit in the segments 145.8 – 146.0 MHz or 435 – 438 MHz by international band plan. Well-known satellite enthusiast Patrick Stoddard, WD9EWK/VA7EWK, told ARRL that one DMR hotspot operating on the AO-92 uplink frequency in the St. Louis area has shifted to another frequency. But, he added, "I think there are still issues, since not all hotspots will report their frequencies and positions to websites such as BrandMeister or via APRS, where they appear on other sites such as <http://aprs.fi>."

"There are others surely operating near satellite uplinks," Stoddard added. "For many, the 435 – 438 MHz satellite subband is a big piece of quiet real estate in a busy part of the 70-centimeter band for weak-signal work, repeater links, amateur TV, and other possible uses."

Stoddard points out that FCC Part 97 addresses Amateur Radio operation in these segments, although regulations in many other countries may not be as detailed. §97.3(a)(7) defines Auxiliary Stations as, "an amateur station, other than in a message forwarding system, that is transmitting communications point-to-point within a system of cooperating amateur stations."

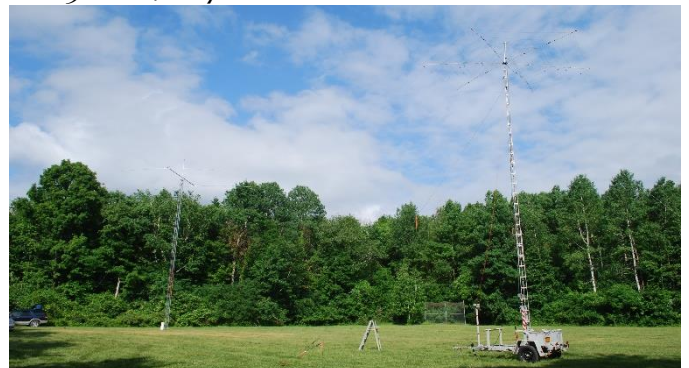
Stoddard said this would include remote bases, EchoLink and IRLP nodes, and hotspots used for digital voice modes, as well as stations using these hotspots and nodes. Auxiliary stations may not transmit in the 145.8 – 146.0 and 435 – 438 MHz satellite subbands (among others in the 2-meter and 70-centimeter amateur bands), per §97.201(b).

- §97.3(a)(40) defines a repeater as, "an amateur station that simultaneously retransmits the transmission of another amateur station on a different channel or channels." Stoddard said that because most hotspots operate on a discrete frequency, they would not qualify as repeaters, even if they operate like a repeater, per §97.205(b).

- §97.101(a) stipulates, "In all respects not specifically covered by FCC Rules, each amateur station must be operated in accordance with good engineering and good amateur practice." Stoddard remarked, "Whether the hotspot is interfering with a satellite downlink in a particular area, or it is interfering with the satellite uplink affecting a much larger area, this would not be good amateur practice."

- In addition to subbands where hotspots are not permitted, Stoddard said, §97.101(b) is also relevant. It states, "Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the Amateur Service frequencies. No frequency will be assigned for the exclusive use of any station."

Stoddard noted that frequencies used by satellites are usually incapable of being changed and are coordinated in advance of launch, while hotspots typically are frequency agile, and the frequencies used by those systems can be changed to avoid potential interference to satellites and other stations. — *Thanks to AMSAT News Service, Patrick Stoddard, WD9EWK/VA7EWK*





ATVET **Albany Troy Volunteer Examiner Team**

Exam Date	Day	Doors Open	Exam Time (Doors will Close)
October 13, 2018	Saturday	9:20 AM	10:00 AM
November 17, 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.

If you can HELP OUT

Contact ATVET LIAISON: Gerry, WA2IWW atvet@n2ty.org or 518-482-8700

Division Director Elections

2 more chances to hear

Mike Lisenco, N2YBB ARRL Hudson Division Director is being challenged by Ria Jairam, N2RJ.

Mike will be guest speaker at the SMARA meeting Sept. 20th
miSci - Museum of Innovation and Science, 15 Nott Terrace Heights, Schenectady, NY 12308

Ria will be guest speaker at the SARA meeting Oct 1st.

Meeting at First United Methodist Church, 603 State St, Schenectady NY 12305



AARA B-Plus SEPT. 2018



Field Day 2018 by Dave KC2RPU

Are You Changing Your Address: Please contact Walt, WA1KKM 518 456-3637 or via e-mail sue.walt@dososaur.com with your address corrections

edited by Mike Bergman, WD2AJS, 45 Swartson Ct., Albany, NY 12209 518 489-3110. **Articles** and B-PLUS

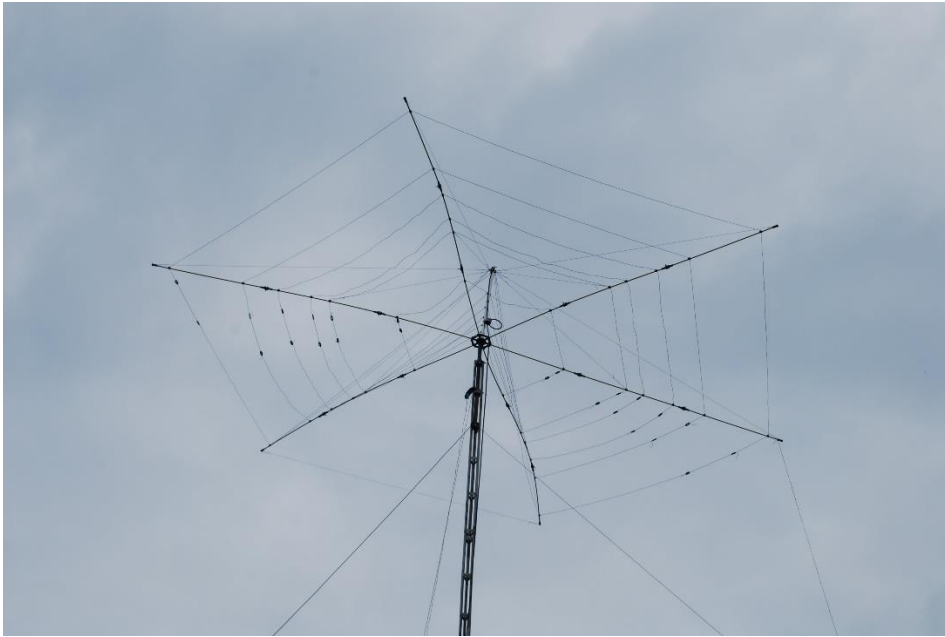
Swap Shop items accepted and solicited via mail, phone, or e-mail to wd2ajs@nycap.rr.com

Permission to reprint is granted if credit is given for article source as "Albany Amateur Radio Assoc. B-Plus"; and credit for specific bylines to the author when so identified. The contents of this publication are copyrighted in all www.k2ct.org



Field Day 2018 by Dave KC2RPU





Field Day 2018 by Dave KC2RPU

