

# Six Meter Club of Chicago

# HALO

[www.k9ona.com](http://www.k9ona.com)

August 2017

## COMING EVENTS

- August
- 11 Six Meter Club Meeting, 7:30 p.m. St. John's Lutheran Church, SW Corner 47<sup>th</sup> & Brainard. La Grange
  - 12 ARRL VEC license exams, Oak Forest City Hall, 15540 S. Central Ave., 9 a.m. (Hamfesters RC)
  - 12 Land of Lakes ARC Hamfest Angola IN
  - 12 Racine Megacycle Club Free Fest, Racine Kennel Club, 6320 Six Mile Rd., Caledonia WI. Talkin 147.270 (127.3)

## AMATEUR RADIO PARITY ACT NEEDS *YOUR* SUPPORT NOW!

The Amateur Radio Parity Act of 2017 was introduced in the U.S. Senate July 12, sponsored by Senators Rogere Wicker (R-MS) and Richard Blumenthal (D-CT). The measure would guarantee all radio amateurs living in deed-restricted communities governed by a homeowner's association or subject to private land use regulations, the right to erect and maintain effective outdoor antennas at their homes.

The Senate bill, S. 1534, is identical to H.R. 555, which passed the U.S. House of Representatives in January. FCC Chairman Ajit Pai applauded the bill in late January, stating that it would "help Amateur Radio operators, and take steps to promote public safety".

The ARRL has opened a Rally Congress page to help hams urge their senators to support the act; log onto <https://arrl.rallycongress.net/ctas/urge-us-senate-to-support-amateur-radio-parity-act>. Please log on and express your support, and help hams like our own W9NHX who are affected by these restrictions!

## ROUTE 66 ON THE AIR COMING SEPT. 9-17

Once again this year we will participate in the Historic Route 66 On The Air event, which is coordinated by the Citrus Belt ARC, W6JBT, with stations along the route beginning with W6A in California. For seventeen years, we have represented the eastern end of the highway, using the special event call W6Q.

For a number of years, the event coincided with the Berwyn Route 66 Car Show, but unfortunately the car show is being held earlier this year so all W6Q operations will take place from the home stations of our members.

Operation begins at 0000 UTC Saturday, September 9 (7 p.m. Friday CDT) and ends at 2359 UTC Sunday September 17 (7 PM CDT).

Frequencies to be used are as follows: CW – 3.533, 7.033, 10.110, 14.033, 18.080, 21.033, 24.900, and 28.033 MHz; SSB – 3.866, 7.266, 14.266, 18.164, 21.366, 24.966, and 50.133 MHz. Operation will also take place via our K9ONA repeater system for local contacts.

*Every SMCC member is eligible and encouraged to operate as W6Q during the event, even if you can only operate via our repeater system – just be sure to keep an accurate log of your contacts. Also, to avoid having more than one member on a particular band/mode at once, please monitor our repeater and announce your intent to be on a particular band/mode, and also call in when you are finished operating on that frequency.*

This is a fun event which is very popular with the amateur community. The Citrus Belt ARC has a certificate available – see their web site. [www.w6jbt.org](http://www.w6jbt.org) for further information. Special QSLs are also issued by the various stations operating along the route. Our QSL manager is Mike, WD9GJK.

## **Minutes of the July 14, 2017 Six Meter Club of Chicago Meeting**

Officers present: WA9FIH, AK9Y, WD9GJK, KC9TQF, KC9IDS, W9WSS

Jim, WA9FIH called the meeting to order at 7:30 p.m. It was moved, seconded, and approved to accept the minutes of the June meeting as published in the *HALO*.

Bob, AK9Y presented the financial report, including receipts from the Hamfest. There are some outstanding bills from the Hamfest to be resolved.

Mike, WD9GJK thanked everyone who helped at the Hamfest, including those who assisted with set up on Saturday and teardown at the end on Sunday, which was very quick and efficiently done. The weather was fantastic, despite the rain forecasted on Saturday which may have kept a few people away. Attendance was still great, with a huge flea market. We were pleased that there was a new vendor this year making embroidered caps and other personalized items.

Gary, KC9IDS reported 18 members and 2 guests present.

WA9FIH expressed his thanks to all who helped at the Hamfest also, including Kris, KC9TJL who took over the job of handling gate tickets since KC9TQF had to be out of town on business. The Knights of Columbus did a great job with the food again this year. Jim circulated get well cards for the members to sign, for Dan W9GOB and Rich, W9NHX.

Joe, KC9TQF stated that we will be back at St. Cletus in LaGrange this year for Scouting Jamboree On The Air which is Saturday, October 21. Our Fall Swap and Shop will be held at the October meeting, Friday October 13.

WA9FIH reported on Field Day and thanked everyone who was able to participate. Band conditions were great with good openings on the higher frequencies.

Bill, KC9KLA thanked everyone who attended the visitation for his wife Jackie.

Pete, WB9W invited everyone to the Hamfesters hamfest August 6 at Peotone.

WA9FIH asked for ground assistance Saturday July 15 while WD9EXD removes the antennas from WA9BXB's tower. Jim also invited members to the ARCI Radiofest at the Medinah Shriners in Addison.

Our next special event will be Route 66 On The Air, September 9-17 when our members can use the special call W6Q from their home stations.

WA9FIH held the attendance drawing:

First:	Jim, W9JGH
Second:	Bob, AK9Y
Third:	Jim, WA9FIH

A motion was made, seconded and approved to adjourn at 8:16 p.m.

-- Joe Noga, KC9TQF  
Recording Secretary/V.P.

### **DIGITAL SLOW SCAN TV NET THURSDAY EVENINGS**

Don't forget that we have a Digital Slow Scan TV Net every Thursday evening for about an hour, beginning at 7:00 p.m., on our two meter repeater. We use EasyPal software which can be downloaded free from the Internet. A Tigertronics Signal Link USB or similar device is typically used to interface your PC and transceiver.

### **SIX METER ROUNDTABLE EACH TUESDAY AT 8 P.M.**

Our Six Meter Roundtable Activity Net meets on 50.130 MHz USB Tuesday evenings at 8 p.m., usually for about a half hour. Help keep the band active and join in the ragchew – tell your friends about it too – everyone is welcome!

### **CLUB LOGO CAPS, PATCHES AVAILABLE AT MEETING**

A limited quantity of white baseball-style caps with the Six Meter Club logo patch affixed are available from Jim, WA9FIH for \$6.00 each. The caps, with adjustable headband, are available either in cotton corduroy for cool weather wear, or in the lighter half mesh polyester style.

Iron-on embroidered club patches for application to shirts or jackets, 2-3/8" x 3-1/2", are also available from the Club for \$1.75 each. American Flag patches in the same size are available for 75 cents each. See Jim at the next meeting.

**UPCOMING 2017  
HAMFEST SCHEDULE**

Listed below are all known hamfests and swap meets in the local area:

August	12	Racine Megacycle Club Caledonia WI
	12	Angola IN Hamfest
September	15	W9DXCC Convention Schaumburg IL
	16	Peoria Superfest, Exposition Gardens
	23	CFMC Radio Expo Belvidere IL
	23	Ozaukee RC Fall Hamfest Cedarburg WI
	29	HRO Superfest, Milwaukee
October	8	ARCI, Carol Stream
November	4	Milwaukee Repeater Club Swapfest
	18	ACARTS, Fort Wayne IN
December	8	ARCI, Carol Stream

**SOLAR ECLIPSE EXPERIMENT  
INVOLVES HAMS AUGUST 21**

Virginia Tech EE Professor Greg Earle, W4GDE, is heading up a solar eclipse experiment funded by the National Science Foundation, studying the effects on the ionosphere of the August 21 total eclipse of the sun, using a combination of GPS receivers, the university's Super Dual Auroral RADAR Network, HF Amateur Radio, and plasma modeling. The Virginia Tech Amateur Radio Club, K4KDJ, and the Amateur Radio community at large are invited to help as well.

A Solar Eclipse QSO Party on Monday, August 21, will run from 1400-2200 UTC (9 a.m. - 5 p.m. Central Time) – stations exchange signal report and Grid Locator on 160 through 6 Meters. Participants may work the same station again after ten minutes have passed. Preferred modes are CW, RTTY, and PSK31,

because automated receiving networks will record the contacts, but phone and digital modes are acceptable as well.

Virginia Tech teams at the start, middle, and end of the eclipse footprint in the U.S. Will also measure the eclipse's effect on low frequency RADAR waves.

The study is intended to help understand how the ionosphere is affected by blockage of sunlight over a relatively short interval of time, how man-made systems are affected by the changes in the ionosphere, and will use data collected to improve the university's numerical models and enrich understanding of ionospheric behavior.

Further information about the experiment is posted on the ARRL web site.

**H A L O A D S . . .**

**For Sale:**

ICOM ID-880H Dual Band 2m/440 conventional + Digital transceiver, 50 Watts, D-Star. OPC-478U USB Cable, CD, DC power cable, separation cable, mobile mounting kit, manual, original box.....\$400

Bob Weiss, W9AVB  
6339 South Kostner Avenue  
Chicago IL 60629  
773-571-2213

**For Sale:**

Heathkit IM-28 VTVM, very good condition, copy of schematic, with probe .....\$40 or best offer

1000 ft spool of CAT 5 Yellow Jacket computer cable.....\$75 or best offer

Following are Club property, make a fair offer

ITEM 1: Ameritron AL-1200 Linear Amplifier, operates from 230 VAC line.

ITEM 2: Ameeritron AL-600 Solid State Linear with matching power supply (115/230)

Mike Huedepohl, WD9GJK  
3532 Raymond Avenue  
Brookfield IL 60513  
708-485-5481  
[WD9GJK@arri.net](mailto:WD9GJK@arri.net)

**For Sale:**

KLM 440-27 UHF Yagi w/Balun, used.....\$50  
 CushCraft 2 Mtr 124WB Boomer 4 el, like new.....\$40  
 CushCraft 2 M 10 el Twist beam A144-20T used.....\$50  
 Finco 2 Mtr 5 el twist beam A 2+2 H & V new... ..\$50  
 Finco 6 Mtr 3 el Beam A6-3 used.....\$30  
 AEA 2 M Isopole 2 Skirt Cone Vertical new in box...\$40  
 Antron A99 10 Mtr Vertical, 2 available, used...\$35 each  
  
 Andrew 1/2" hard line LDF4-50A, 54 ft with  
 male type N connectors, new.....\$65  
  
 Mosley TA-33 Beam w/Balun, 10-15-20 M.....\$195  
  
 Times Microwave LMR-400, new, runs of 196 ft,  
 190 ft, and 98 ft.....\$200 to \$10

Peter WB9W  
 773-425-6155 or  
[WB9W1949@yahoo.com](mailto:WB9W1949@yahoo.com)

**For Sale:**

Crystals for 222 MHz Midland 13-509, Clegg FM-76  
 And Cobra 200 radios. Many repeater pairs and  
 simplex channels available. SASE or email for a list.  
 \$5.00 each, \$9.00 pair plus postage.  
  
 Heathkit HG-10B VFO, 80-2 Mtrs, very clean  
 and with documentation. Matches DX-60B.....\$60  
  
 Motorola C54RCB MICOR UHF repeater on 440 ham  
 band, including unified chassis with rcvr, transmitter,  
 card cage, and power amplifier. Does not include 13.6  
 VDC power supply, cabinet, or ID/controller. Very  
 clean, excellent working condition when removed from  
 service. Club property surplus to our needs.....\$75  
  
 Tektronix 535A Classic Oscilloscope with several  
 plug-ins and matching cart, exc. cond.....\$100/offer

Jim Novak, WA9FIH  
 2335 South 2<sup>nd</sup> Avenue  
 North Riverside IL 60546-1308  
 708-442-4961  
[WA9FIH@arrl.net](mailto:WA9FIH@arrl.net)

**For Sale:**

Yaesu FT-901DM w/AM filter + desk mic \$500/ofr  
 Yaesu matching antenna tuner.....\$100 firm  
 Yaesu FT-767 HF + 6, 2, 432 + hand mic...\$600/ofr

Tom Dombrowski, K9BVQ  
 5426 South 72<sup>nd</sup> Court  
 Summit IL 60501  
 708-496-8982

**For Sale:**

Exttech 480400 Phase Sequence Tester .....\$80/Offer  
 Fluke 33 True RMS Clamp-on Meter.....\$100/Offer  
 Fluke 13000S Flex 24 AC Current Probe...\$100/Offer  
 Fluke 87V True RMS Multimeter .....\$225/Offer  
 Heathkit HO-13 Panadaptor.....\$100  
  
 Knight Kit Star Roamer General Coverage AM  
 BC Band + Short Wave SWL Receiver.....\$35

National HRO-60 Receiver with matching speaker,  
 Nine coil sets for shortwave bands including band-  
 spread on ham bands and cabinet to hold unused  
 coil drawers. Radio has been recapped and is in  
 excellent condition. Also includes a plug-in  
 SSB product detector from a QST article which  
 occupies space intended for a NBFM adapter (no  
 mods to the radio). Original manual included...\$400

Shure 404B Hand Mic, new in the box.....\$30  
 Multi MPA-250 Biamp, 250 Watt Public Address  
 Amp in rack cabinet, like new.....\$150

Ron Fitzgerald, K9ZWR  
 5555 South Neva Avenue  
 Chicago IL 60638  
 773-586-3276  
[ronfitz5555@yahoo.com](mailto:ronfitz5555@yahoo.com)

**SOMETHING TO SELL? LIST IT HERE! EMAIL  
 YOUR AD TO [WA9FIH@AOL.COM](mailto:WA9FIH@AOL.COM)**

THE SIX METER CLUB OF CHICAGO, INC.

“We desire to promote the Interest of Amateur Radio, foster activity in the HF, VHF, and UHF bands, acquire proficiency in CW operation, provide mutual aid in matters technical. . .”

PRESIDENT.....Jim, WA9FIH
VICE PRESIDENT.....Joe, KC9TQF
SECRETARY.....Mike, WD9GJK
TREASURER.....Bob, AK9Y
SGT-AT-ARMS.....Gary, KC9IDS
MEMBERS AT LARGE..... Will, W9WSS
Ryan, W9UEY

CUSTODIAN OF K9ONA.....Mike, WD9GJK
NET MANAGER.....Jim, WA9FIH
HISTORIAN.....
ARRL VE TEST CAPTAIN.....Bob, AK9Y
PROGRAM CHAIR.....Joe, KC9TQF
DIRECTORS.....
Rich, W9NHX

HALO EDITOR.....Jim Novak, WA9FIH
2335 South 2nd Avenue
North Riverside IL 60546-1308
WA9FIH@arrl.net

CLUB WEB SITE: www.k9ona.com
WEBMASTER.....Bob, AK9Y: ak9y@arrl.net
24-HOUR InfoLine: 708-442-4961

The HALO is the official publication of the Six Meter Club of Chicago, a not-for-profit ARRL-affiliated Special Service Club incorporated in the State of Illinois and maintained by and for Radio Amateurs.

MEETINGS: Held at 7:30 p.m. on the second Friday of each month (except December) at St. John’s Lutheran Church, southwest corner of 47th Street and Brainard Avenue, La Grange IL; enter through south side door adjacent to parking lot.

NETS: Six Meter Activity and Ragchew Net, Tuesday evenings at 8 p.m. Central Time, 50.130 MHz USB
Two Meter FM Information Net, Tuesday evenings at 9 p.m. Central time over our K9ONA repeater, 146.37/97
ARRL Bulletins, Club news, swap shop, other items of interest to the Amateur Radio community.
Digital SSTV (Slow Scan Amateur TV) Net, Thursday evenings at 7 p.m. on our two meter repeater, using EasyPal software.

REPEATERS: The Club operates three open repeaters under the call K9ONA/R. Our Two Meter repeater, located in Hinsdale, uses 146.370 MHz input, 146.970 MHz output, with a three minute timer that must be reset with a short pause after the courtesy tone between transmissions. A 107.2 Hz subaudible (PL) tone is usually required for access. Our 220 repeater, also located in Hinsdale, uses 223.22 MHz in, 224.82 MHz out and requires a CTCSS tone of 110.9 Hz. Our UHF repeater, located in Hinsdale as well, uses 448.300 MHz input, 443.300 MHz output, a four minute timer, and is also “PL” access, requiring a 114.8 Hz tone. The two meter and UHF repeaters also transmit the subaudible CTCSS tone. The repeaters are usually set in cross-link mode.

AFFILIATIONS: The Club is a Life Member Club supporting AMSAT, the non-profit Radio Amateur Satellite Corporation. We have been named an ARRL-affiliated Special Service Club, and belong to the Illinois Repeater Assn.

CERTIFICATES: Available for working ten Club members (five if applicant is more than 100 miles from Chicago) on either 50, 144, or 222 MHz. Stations worked must be valid Club members at time of your QSO; repeater contacts do not count. Send log data list with time, date, and band/mode to our Secretary. There is no charge for the award.

SCHOLARSHIP: The Club has endowed a perpetual scholarship administered by the ARRL Foundation. It is awarded annually subject to specific criteria listed on the ARRL web site, www.arrl.org, or available from the foundation. Applications are due by January 31 of each calendar year.

INFOLINE: Our Club’s InfoLine telephone service is available around the clock at 708-442-4961. A recorded message will brief you on Club news and coming events, and you may leave a message on our answering machine.

FACEBOOK AND YAHOO GROUP: The Club’s Facebook page is available at: www.facebook.com/groups/287932964607477/. The Yahoo Group can be accessed at: http://groups.yahoo.com/group/K9ONA.

HAMFEST: Our Six Meter Club of Chicago HAMFEST is held annually on the third Sunday in June (June 18, 2017) at the DuPage County Fairgrounds in Wheaton IL. All Club members are expected to work to insure its success.

**SIX METER CLUB OF CHICAGO  
2335 SOUTH 2ND AVENUE  
NORTH RIVERSIDE IL 60546-1308**