



### Amateur Electronic Supply (AES) Going Out of Business

Amateur Electronic Supply (AES) has announced that it is ceasing operations as of the end of July, 2016.

The Milwaukee-based retailer has four locations around the country, including Milwaukee; Cleveland (Wickliffe), Ohio; Las Vegas, Nevada and Orlando, Florida. It has long been the nation's second-largest ham radio dealer, after Ham Radio Outlet. No reason was given for the decision to close the business.

Posted by CQ Newsroom

### Southeast Nebraska Amateur Radio Club 80 Year Anniversary Celebration

Saturday, September 24 and Sunday, September 25



#### KØC SPECIAL EVENT STATION

20 meters 14.230 and 40 meters 7.800  
Saturday, Sept 24 CDST 1000-1600 (1500Z—2100Z),  
Sunday, Sept 25, CDST 1000-1400 (1500Z -1900Z),  
Coryell Park, Johnson, Nebraska

The Special Event Station KØC has been confirmed with ARRL and will appear in the September QSL and CQ magazine. Please pass this along to other hams as all are

invited to attend the celebration. There will be a family picnic Saturday evening and Sunday potluck dinner.

Limited camping spaces are available at Coryell Park, Fri, Sept 23 thru Sat. Sept. 25. You must e-mail [kd0ptr@gmail.com](mailto:kd0ptr@gmail.com) or [www.senebrradioclub@gmail.com](mailto:www.senebrradioclub@gmail.com) to reserve a spot. There is no electric hookup available, only parking space. Motels available in Auburn: Arbor Manor Motel, 402-274-3663; Auburn Inn, 402-274-3143; Palmer House Motel, 402-274-3193 and Southside RV Park, 402-274-4434, Longcreek TV Park, 402-274-7898.

—Chuck, KDØPTK, FaceBook Address: [www.facebook.com/SouthEastNebraskaRadioClub](http://www.facebook.com/SouthEastNebraskaRadioClub)

### Poser

What code did railroad telegraphers use during the heyday of railroading?

The answer appears in “Poser Answer” on page 6.

### Birthdays and Licenses Needing Renewal

#### LICENSE RENEWAL

Call Sign	First	expires
KE0CDW	Ryan	1/1/2016
KC0YKN	Dennis	8/29/2016

#### BIRTHDAY

CALL SIGN	First	B_MONTH	B_DAY
KC6X	Will	August	3
KD5SLS	Joe	August	18

73, Tom, WDØBFO

## About BARC and Spark Gap

*Spark Gap* is the newsletter of the Bellevue Amateur Radio Club (BARC). BARC was established in 1959 and is devoted to amateur radio in the Bellevue, Nebraska, area. The latest *Spark Gap* is normally available around the first of the month. If the latest issue is not on the club's website, try [w0ktycos.tripod.com/ham\\_radi/](http://w0ktycos.tripod.com/ham_radi/) For additional club information try <https://sites.google.com/site/wd0bfobar/>

Many technical antenna items are taken from *A.R.R.L. Antenna Book*, ARRL, 1964

The club's **website** is <http://www.bellevuearc.org>. Refer to the website for membership and other information.

BARC maintains a **repeater**, W0WYV, on 147.39 MHz, carrier squelch with a 131.8-Hz CTCSS output tone (no tone required for input).

The board of directors meets on the second Thursday of the month at 7:30 p.m. at the Village Inn in the Twin Creek Plaza (on the service road north of Hwy 370 between 36th and 42nd streets). All members are welcome to attend. The general **membership meeting** is held on the third Thursday of the month at 7:30 p.m. in the Masonic Lodge dining Hall, 1908 Franklin ST, Bellevue, NE (1 block north of NE Highway 370). Look for funny-looking antennas on the cars in the parking lot and come in the south door (not well marked). The December meeting is a dinner meeting, time and place to be decided.

### Breakfast and Lunch Events

date/time	location	address
Mon & Wed, 11:30 a.m.	McDonald's	1608 Galvin RD S, Bellevue
Sunday, 9:00 a.m.	HyVee	Shadow Lake shopping center, 72nd & NE Hwy 370
Sunday, 10:00 a.m.	Burger King	4109 Twin Creek DR, Bellevue

### Use of the W0WYV Callsign

Authorization is obtained by contacting any committee member (WD0BFO) by e-mail, letter, phone, or two-way radio and providing event description and planned dates of use and bands you will operate on. Acknowledgment of this authorization will be an copy of the club license for you to operate with for your time of use (keep it on file in case you want to use it again). After the event, logs must be turned in within 30 days. The club log is in AC-Log and it will take a number of import file formats (contact WD0BFO if you require more information). If it is an ongoing activity then logs must be turned in by the last day of each month, and at that time just include a note stating continued use of the club call is necessary. The reason for all this is to control the call usage so no 2 individuals are using it on the same band same day. It can be used by different people on same day provided not same band.

Thank you all for your cooperation.

-WD0BFO

Send **correspondence** to BARC, 7518 Chandler Hills DR, Bellevue, NE 68147-2108. Submit **articles** in **.txt** or **.rtf** format to [w0kty@yahoo.com](mailto:w0kty@yahoo.com).

## DX News and Views

### DX Views

Hello friends. The end of July brings us the Radio Society of Great Britain's (RSGB IOTA) Islands on the Air Contest (July 30-31)

This contest is a good way to end July and move into the quiet month of August. I say that because, I could not find many interesting DX postings for the next month. So if you are looking for activity, you will find it in the last weekend in July on the worlds islands.

### July 2016 DX News

FRANZ JOSEF ISLAND, R1FJ. Eugeny, RW0BB is QRV as RI1FJ. He is generally active on 30 and 20 meters using mainly CW and RTTY at various times. QSL direct via UA2FM.

FM, MARTINIQUE. Alex, DD5ZZ, will be active FM/DD5ZZ from Martinique (NA-107) between September 12th and October 3. Activity will be on various HF bands. QSL via his home callsign, ClubLog's OQRS or LoTW.

JT, MONGOLIA. David, OK1DBS, will be active from two different locations in Mongolia between August 30 and September 24. Look for him to sign JT1DBS during his first week from Ulaanbaatar. The next two weeks he will be in

Batshireet signing JT1DBS/3. Activity will be on various HF bands using an IC-7400 and IC-718, with IC-GU-43 500w amp into Cushcraft A3S yagi, R7 Vertical and a Diamond Inv. V-Dipole. QSL via his home callsign.

T42, CUBA (Lighthouse Op). Members of the DX Group Cuba (GDXC), Havana Contest Group (HCG) and a eastern RC of Havana will activate T42R from the lighthouse castle of the Morro Havana (CU-002), Cuba (NA-015), during the 2016 International Lighthouse/Lightship Weekend (August 20-21). Operators mentioned are CO2JD, CO2XK, CO2II, CO2AME, CO2WDB, CM2KL, CM2YV, CM2PTE, CM2CVV, CM2MIL, CM2RW, CM2AQD, CM2CD, CM2CK, CM2MM, CL2TE and CL2YPR. QSL via EA7FTR.



V3, BELIZE. Victor, WB0TEV, will be active as V31VP from Blackman Eddy Village (west of Belmopan) between August 19-23. Activity will be on various HF bands including entries in the North American SSB QSO Party and SARTG RTTY Contest. He will use 100 watts and wire antennas. QSL via his home callsign, direct or by the Bureau.

### RSGB IOTA

Radio Society of Great Britain (RSGB IOTA) Islands on the Air Contest (July 30-31) If you are looking to work the worlds islands, this is the weekend to do it.

AF-019. Emilio, IZ1GAR, will once again be active as IH9/IZ1GAR from Pantelleria Island (IIA TP-001, WLOTA 0041) between November 24-28.

In the CQWW DX CW Contest (November 26-27), he will be active as IH9R and as a Single-Op/Single Band (80m)/High-Power entry. Pantelleria counts as Multiplier Zone 33 Africa Italy for the CQWW DX rule (islands are located over the African continent platform). QSL via IZ1GAR, direct or by the Bureau.

AS-036. Kenji, JA4GXS, will be active as JA4GXS/6 from Iki Island between November 12-13th. Activity will be on 40/30/20/17/15 meters using CW and SSB. QSL via his home callsign, direct or by the Bureau.

AS-066. Vlad, UA0LCZ, will again be active as R66IOTA from Popov Island between July 26-31. Activity on 80-10 meters using CW. He will also be in the RSGB IOTA Contest (July 30-31) as a Single-Op/Mixed-Mode entry. QSL via his home callsign.

AS-117. Kenji, JA4GXS, will be active as JA4GXS/4 from Kasado Island on August 27, between 0900-2200z. Activity on 40/20/ 17/15/6 meters using CW and SSB. QSL via his home callsign, direct or by the Bureau.

AS-135. Members of the Jiangsu DX Club will be active as B4R from Qinshan Island during the RSGB IOTA Contest (July 30-31). Operators mentioned are Li/BA4WR, Zeng/BG4WOM, Mingzhong/BH4RNX Jian/BI4VIP BI4TKW BI4TKL. QSL via BA4WR.

EU-031. Tony, IC8FBU, will be on from Capri Island during the RSGB IOTA Contest (July 30-31) Single-Op/CW-Mode/Low-Power/12-HRS (Saturday 2000 UTC to Sunday 0800 UTC) entry. QSL via his home callsign, by the Bureau or direct.

EU-076. Operators Ian/G3WVG and Nigel/G3TXF active as LA/G0AAA from Værøy in Lofoten Islands, Norway, during the RSGB IOTA Contest (July 30-31) a Multi-2 entry. QSL via G3TXF. For more details, see: <http://www.g3txf.com/dxtrip/LA-Jul-16/LA-Jul-16.html>

EU-132. Adam, DJ0IF, active as SN0RX from Wolin Island during the RSGB IOTA Contest (July 30-31). QSL via SP8BXL.

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EU-136. Janez, S53V, will be active as 9A8CV from Krk Island from between July 24 and August 3. Activity will be CW only on various HF bands. He will also participate in the RSGB IOTA Contest (July 30-31). QSL via eQSL only.

EU-146. Peter, ON4TO, active as PA/OQ4T from Schouwen Duiveland during the RSGB IOTA Contest (July 30-31 Single-Op/SSB-Mode/24-Hrs/High-Power entry. QSL via ON4TO, by Bureau or LoTW after the activation.

EU-165. Massimo, I0PNM, will once again be active as IM0/I0PNM from San Pietro Island (IIA CI-007, MIA MIS-050, WLOTA 2989), Sardinia. His activity will take place during the RSGB IOTA Contest (July 30-31) as a Single-Op/DXpedition/SSB-Mode/Unassisted/24HRS entry. QSL via his callsign direct only.



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EU-172. Paul, DL5CW, will be active as OZ/L5CW from Hjarno Island during the RSGB IOTA Contest (July 30-31) as a Single-Op/Low-Power entry. QSL via his home callsign.

EU-174. Laci, HA0NAR/HG0R, will be active as SV8/HG0R from Thassos Island between July 26 and August 2. Activity will be on 160-2 meters using CW, SSB and RTTY. This will include the RSGB IOTA Contest (July 30-31). QSL via HA0NAR.

NA-008. Pierre, VE3KTB, will be active as VY0ERC, when time permits from Eureka Amateur Radio Club on Ellesmere Island between July 22 and August 6. He may participate in the RSGB IOTA Contest (July 30-31). See QRZ.com for more details.

OC-150. Adi, YB9GV, active from Lombok Island during the RSGB IOTA Island (July 30-31) as a Single-Op/Single-Band (15m)/Mode-SSB/Low-Power entry. QSL via eQSL or LoTW.

AS-141. B5C from Yijiangshan Island. Operators Dale/BA4TB, Mi/BD4TQ, Ni/BD4TR, Gu/BD4TS, Zheng/BD5FFK, Zhou/BG4TVT, Zhou/BG4TYQ, Tao/BG4TRN, Chen/BG5FCH, BH4TGQ, Xingang/BH4TVU, BI4RYM and Xinrong/BI4SCC will be active as B5C from Yijiangshan Island during the RSGB IOTA Contest (July 30-31) as a Multi-2/High-Power entry. The team plans to have 2 stations on the air with amps, Hex Beams and vertical antennas. QSL via BA4TB. Before and after contest, look for operators to sign B5/homecalls (they will be there between July 26 and August 1). Activity will be on 80-6 meters using CW, SSB and the Digital modes. QSL via their home callsigns.

EU-024. IS0/OM8A from Sardinia. Tibor, OM3RM, will be active as IS0/OM8A from Sardinia during the RSGB IOTA Contest (July 30-31) as a Single-Op/All-Band/ High-Power entry. QSL via OM2VL.

EU-025. Sicily Island. Joe, IT9RZU, will be active from Sicily Island during the RSGB IOTA Contest (July 30-31) as a Single-Op/All-Band/ Low-Power entry. QSL via his home callsign, by the Bureau or LoTW.

EU-054. Favignana Island. Mike, IF9ZWA, will be active from Favignana Island during the RSGB IOTA Contest (July 30-31) as a Single-Op entry. QSL via his home callsign by the Bureau only.

EU-067. Syros Island Theodoros, SV1EJD, will be active as SV8/SV1EJD from Syros Island between July 23 and August 11. Activity will be on 80-6 meters using SSB and RTTY. He will also be in the RSGB IOTA Contest (July 30-31). QSL via his home callsign or LoTW.

NA-126. Portage (Outer) Island. Operators Fred/VE1FA, YL Helen VA1YL, Alphonse VO1NO, Wayne/VE1BAB, Lowell/VY2OX, Rich/VA1CHP and Michel/VA2MM will be active as VC1A from Bon Portage (Outer) Island, NS Province South Group, during the RSGB IOTA Contest (July 30-31) as a DXpedition entry. QSL via VA1YL.



## BARC Member Doings

If you participated in a ham-radio-related activity during the past month, drop a line to W0KT. This is your monthly opportunity to promote your favored activities or for a moment of fame.

### Bad Foot

I will have out-patient surgery on August 5 on my left foot, so I will be mostly immobile for a few weeks.--W0KT

## Poser Answer

What code did railroad telegraphers use during the heyday of railroading?

American Morse code. This is similar to the commonly used International Morse code but has three lengths of symbol, instead of two.

Morse Code Symbols and Relative Duration

American	dit	1 time unit
American	short dash	2 time units
American	long dash	4 time units
International	dit	1 time unit
International	dah	3 time units

## Ham Events

If you have an event that you want to have listed, be sure to send an e-mail to the *Spark Gap*. Editor-recommended events are **highlighted**.

## Ham Events

event type	start date	event description
education	Aug 4	license testing, LARC, Lincoln - k0kkv.org
contest	Aug 6	European HF Championship - lea.hamradio.si/~scc/euhf
contest	Aug 6	North American QSO Party, CW - www.ncjweb.com/NAQP-Rules.pdf
special event	Aug 6	Colorado 14er Event, Various, Colorado Springs, CO. Colorado 14er Event Task Force - ham14er.org or www.ham14er.org
hamfest	Aug 7	Hamfesters 81st Annual Hamfest Peotone, IL, Hamfesters Radio Club (W9AA) - ham-ham.org
hamfest	Aug 7	Cedar Valley ARC Hamfest Cedar Rapids, IA, Cedar Valley Amateur Radio Club - www.W0GQ.org
contest	Aug 7	10-10 International Summer Contest, SSB - www.ten-ten.org
special event	Aug 7	Lighthouses on the Air, N9R, Green Bay, WI. Green Bay Mike & Key Club - ww.k9eam.org
special event	Aug 7	National Lighthouse Day, W2HAL, Hudson, NY. Rip Van Winkle Amateur Radio Society - www.rvwars.com
board mtg	Aug 11	BARC board meeting - www.bellevuearc.org
contest	Aug 13	50 MHz Fall Sprint - svhfs.org
education	Aug 13	license testing, BARC - www.bellevuearc.org
special event	Aug 14	75th Anniversary of Martyrdom of Saint Maximilian Kolbe -SP3RN, K3M, Bedford, PA. - www.qrz.com/db/SP3RN and www.saintmaxnet.org
special event	Aug 14	Navajo Code Talkers Day, N7C, Window Rock, AZ. Navajo Amateur Radio Club - www.qrz.com/db/n7c
club mtg	Aug 18	BARC <b>general meeting</b> - www.bellevuearc.org
contest	Aug 20	North American QSO Party, SSB - www.ncjweb.com/NAQP-Rules.pdf
hamfest	Aug 21	Salina Hamfest / State Convention, Salina, KS - www.w0cy.org
contest	Aug 27	Hawaii QSO Party - www.hiqsoparty.org
contest	Aug 27	Kansas QSO Party - ksqsoparty.org
contest	Aug 27	Ohio QSO Party - www.ohqp.org
hamfest	Aug 27	JOPLIN HAMFEST, Joplin, MO - joplinhamfest.org
education	Sep 1	license testing, LARC, Lincoln - k0kkv.org
board mtg	Sep 8	BARC board meeting - www.bellevuearc.org
special event	Sep 10	48th Annual National Hollerin' Contest Spiveys' Corner, Dunn, NC. Sampson County Amateur Radio Service - www.nationalhollerincontest.com
special event	Sep 10	Route 66 On The Air Special Event, W6JBT, San Bernardino, CA. Citrus Belt Amateur Radio Club + lots more - w6jbt.org
hamfest	Sep 10	<b>AK-SAR-BEN Amateur Radio Club Flea-Esta</b> , Springfield, NE - www.aksarbenarc.org
special event	Sep 10	Albuquerque International Balloon Fiesta, W5B, Albuquerque, NM. High Desert Amateur Radio Club - www.nm5hd.com
contest	Sep 10	ARRL <b>September VHF Contest</b> - www.arrl.org
club mtg	Sep 15	BARC <b>general meeting</b> - www.bellevuearc.org
hamfest	Sep 17	<b>Peoria Superfest</b> Peoria, IL, Peoria Area Amateur Radio Club - www.w9uvi.org

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### Ham Events

event type	start date	event description
special event	Sep 24	Southeast Nebraska Radio Club 80 Year Anniversary, K0C, Johnson, NE. Southeast Nebraska Amateur Radio Club - senebrradioclub@gmail.com or www.facebook.com/SouthEast-Nebraska-Radio-Club-1548646118733004 (Also see article in August <i>Spark Gap</i> .)
education	Sep 27	license testing - www.aksarbenarc.org/main/index.php/testing
education	Oct 6	license testing, LARC, Lincoln - k0kkv.org
special event	Oct 8	Dwight D. Eisenhower Birthday Celebration, W5I, Denison, TX. Grayson County Amateur Radio Club - www.graysoncountyarc.com
board mtg	Oct 13	BARC board meeting - www.bellevuearc.org
hamfest	Oct 15	SouthSide ARC Hamfest, Belton, MO - www.southsidehamfest.com
special event	Oct 16	Local Boy Scouts speak with astronauts aboard ISS at Boy Scout jamboree in Mahoney State Park, NE.
special event	Oct 17	<b>50th Anniversary of St. Louis Arch</b> , WØA, Saint Louis, MO. St. Louis and Suburban Radio Club (WØSRC) - www.slsr.org
club mtg	Oct 20	BARC <b>general meeting</b> - www.bellevuearc.org
special event	Oct 21	Mickey Mantle Day, Spavinaw, OK, K5M, Pryor, OK. Mayes County Amateur Radio Club and WX5MCwww.qsl.net/mearc
hamfest	Oct 29	Halloween Hamfest Kirkwood, MO, St. Louis ARC - www.halloweenhamfest.org
education	Nov 3	license testing, LARC, Lincoln - k0kkv.org
contest	Nov 5	<b>ARRL Sweepstakes Contest CW</b> - www.arrl.org
board mtg	Nov 10	BARC board meeting - www.bellevuearc.org
education	Nov 12	license testing, BARC - www.bellevuearc.org
hamfest	Nov 12	Raytown ARC Hamfest, Kansas City, MO, Raytown Amateur Radio Club - K0GQ.com
club mtg	Nov 17	BARC <b>general meeting</b> - www.bellevuearc.org
contest	Nov 19	<b>ARRL Sweepstakes Contest phone</b> - www.arrl.org
education	Nov 29	license testing - www.aksarbenarc.org/main/index.php/testing
education	Dec 1	license testing, LARC, Lincoln - k0kkv.org
club mtg	Dec 1	BARC annual meeting & Christmas party
contest	Dec 2	<b>ARRL 160 Meter Contest</b> - www.arrl.org
contest	Dec 17	<b>ARRL 10 Meter Contest</b> - www.arrl.org

### July Program

The business meeting was a spirited session.



But some of the attendees found the business meeting portion a little slow; they woke up for the program, though.

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The July program was a presentation on sending and receiving internet e-mails via amateur radio.



Dennis, KC0YKN, threw a few beans out onto the edge of the parking lot to conjur up an antenna. Tom, WD0BFO, kept a wary eye out for descending giants.



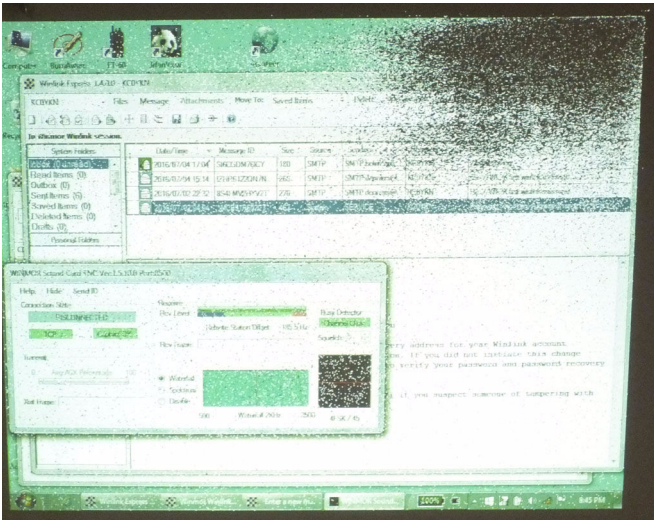
Dennis, nevertheless, showed the gang how e-mail works on HF.

### August Program

The August program will be on a topic of interest to radio amateurs.

If you want to volunteer or suggest a program, contact Wayne, KE6DZD.

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The display projector has a terminal case of exzema, so we are looking into getting a new one.