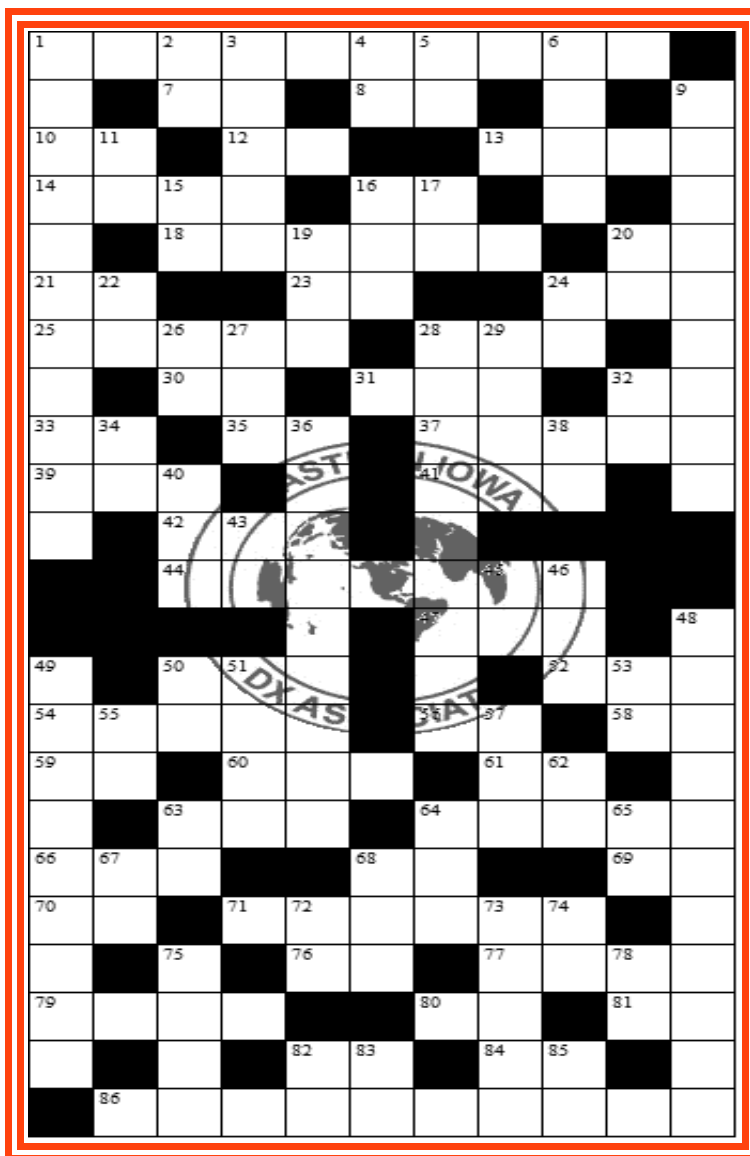


EASTERN IOWA *DXER* EIDXA CROSSWORD PUZZLE



Clues for words specific to EIDXA have asterisks (*) after them. All the rest of the words are related to engineering and science. Thanks to Kirt Blattenberger, RF Cafe rfcafe@earthlink.net KB3UON.

EASTERN IOWA DXER

An affiliated club of the American Radio Relay League



APRIL 2016

Official Newsletter
of the Eastern Iowa
DX Association

NØDX

Established 1975

Our 41st Year

April 2016

Page 2

Club Officers:

President:	Joe Hungate	K8OM
Vice President:	Jerry Rappel	WWØE
Secretary Treasurer:	Richard Haendel	W3ACO
Repeater Committee:	Al Groff	KØVM
	Joe Finkstein	WØMJN
Membership Committee:	Jim Spencer	WØSR
	Tom Vavra	WB8ZRL
	Nelson Moyer	KUØA
Web Master:	Craig Fastenow	KØCF

Packet Cluster: *WB8ZRL*
147.51, 144.91, WB8ZRL.no-ip.org:7300

Repeater: NØDX/R
144.59 / 145.19 (tone 192.8)

“Special door prizes at the next meeting” !

**Next EIDXA meeting: Friday April 22nd, 2016. 7:30 PM. On the first floor
of Cedar Hall. Room 343. Program: Palmyra! WØGJ.**

Also welcome Rockwell-Collins Amateur Radio Club! And Boy Scouts.

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THE EASTERN IOWA DXER

www.eidxa.org

April 2016

Down on the "farm".



ACROSS	DOWN
<p>1. Measures of voltage</p> <p>7. Ratio of circumference to diameter</p> <p>8. Chemical symbol for aluminum</p> <p>10. Chemical symbol for selenium</p> <p>12. Chemical symbol for beryllium</p> <p>13. <i>The 'I' in EIDXA*</i></p> <p>14. Radio term for indicating the end of a transmission segment</p> <p>16. <i>Ham abbreviation for "distant station" and part of the Eastern Iowa DX Association abbreviation*</i></p> <p>18. <i>Current EIDXA VP Jerry _____ (WWØE)*</i></p> <p>20. Max or min voltage of a waveform (abbr.)</p> <p>21. Network department (abbr.)</p> <p>23. Semiconductor and calculator company (abbr.)</p> <p>24. Early predecessor to an online forum (abbr.)</p> <p>25. Change connector type</p> <p>28. ___-back transformer</p> <p>30. Chemical symbol for radon</p> <p>31. ___-back transformer</p> <p>32. Stock symbol for Boeing</p> <p>33. Infrared (abbr.)</p> <p>35. Related to FM by a differential</p> <p>37. Association of North American Radio Clubs</p> <p>39. Optical cross-connect (abbr.)</p> <p>41. RF connector type</p> <p>42. Arithmetic Logic Unit (abbr.)</p> <p>44. <i>The 'E' in EIDXA*</i></p> <p>47. Antenna (abbr.)</p> <p>50. Test document for verifying proper function (abbr.)</p> <p>52. Early computer display screen resolution (abbr.)</p> <p>54. <i>Abbreviation for the Eastern Iowa DX Association*</i></p> <p>56. Chemical symbol for scandium</p> <p>58. Chemical symbol for aluminum</p> <p>59. Chemical symbol for cadmium</p> <p>60. CDMA Development Group (abbr.)</p>	<p>1. <i>The 'A' in EIDXA*</i></p> <p>2. Min-to-max voltage of a waveform (abbr.)</p> <p>3. Constellation: The scales</p> <p>4. Chemical symbol for tantalum</p> <p>5. Electrical safety organization (abbr.)</p> <p>6. Electronic Variable Optical Attenuator (abbr.)</p> <p>9. Keyboard character deleter</p> <p>11. 1.602E-19 Joules</p> <p>15. Chemical symbol for erbium</p> <p>16. Printer resolution abbreviation</p> <p>17. Chemical symbol for xenon</p> <p>19. Push to Talk (abbr.)</p> <p>20. Chemical symbol for lead</p> <p>22. Time delay (abbr.)</p> <p>24. Word used in describing 2-D and 3-D object dimensions; i.e., 10 mm __ 25 mm</p> <p>26. Chemical symbol for argon</p> <p>27. Silicon transistor type</p> <p>28. Type of screw (2 wds., pl.)</p> <p>29. <i>First EIDXA VP _____ Schriener (WØPCO)*</i></p> <p>32. Filter type that blocks frequencies in a specified band (abbr.)</p> <p>34. Mate to a TX</p> <p>36. Surfaces for pointing device (pl., 2 wds.)</p> <p>38. Type of current flow (abbr.)</p> <p>40. Software engineering tool (abbr.)</p> <p>43. Chemical symbol for lanthanum</p> <p>45. Chemical symbol for radon</p> <p>46. Negative temperature coefficient (abbr.)</p> <p>48. Heat measuring instrument</p> <p>49. Device that performs a motivating function</p> <p>50. Analog-to-Digital (abbr.)</p> <p>51. Temperature-compensated crystal oscillator</p> <p>53. Chemical symbol for gallium</p> <p>55. Opposite of O.D.</p> <p>57. Trim a piece of Kapton tape to length</p>

ACROSS

- 61. One type of electron spin
- 63. Electrical overstress (abbr.)
- 64. Ethoxyethane
- 66. Powers pneumatic devices
- 68. JavaScript (abbr.)
- 69. Chemical symbol for silicon
- 70. Chemical symbol for nobelium
- 71. Sailplane
- 76. Related to FM by a differential
- 77. *First EIDXA President* ____ *Jaksa (WAØVDX)**
- 79. Move in a raster pattern
- 80. Chemical symbol for silver
- 81. Unit of length (abbr.)
- 82. European equivalent to the U.L.
- 84. Modern battlefield technique (abbr.)
- 86. Temperature sensitive semiconductor that has a negative temperature coefficient of resistance

DOWN

- 62. Unit of inductance (abbr.)
- 63. Chemical symbol for erbium
- 64. IC killer (abbr.)
- 65. Chemical symbol for einsteinium
- 67. Galilean moon
- 68. *First EIDXA Treasurer-Secretary* ____ *Spencer (WØFHE)**
- 72. Filter type that blocks upper frequencies (abbr.)
- 73. Quickly changing portions of waveforms
- 74. Chemical symbol for radium
- 75. Radio signal route
- 78. 300 Hz to 3 kHz in audio (abbr.)
- 82. Chemical symbol for chromium
- 83. Electromagnetic (abbr.)
- 85. Weight (abbr.)

Solution page 20.

Inside:

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Page 24 - Navy cryptology students learn Morse code

I hope you enjoy this newsletter. The views expressed in the EIDXA newsletter do not necessarily reflect those of the Eastern Iowa DX Association, or the editor. All newsletter contributions, comments and suggestions are welcome at WWØE@q.com.

Thanks in advance for your newsletter input.

~ WWØE ~

President's Propagation, Pronouncements & Pontification**EIDXA President *Joe Hungate, K8OM***

The airwaves are alive with DX!!! Even though we are on the downswing of solar cycle 24 there has been some pretty good stuff to work and the signals generally haven't been all that bad either. EIDXA has proudly supported several of the highly successful major Top Ten DXpeditions this year such as Palmyra (K5P), South Sandwich Island (VP8STI) and South Georgia Island (VP8SGI). There have also been several other DXpeditions that weren't Top Ten but still generated some pretty big pileups and of course the annual DX contests have been quite intense. So hopefully everyone got plenty of on-the-air time and worked what they wanted and / or needed. I know I sure did!

Don't forget that we will be holding a joint meeting with the Collins Amateur Radio club on April 22 at Kirkwood Community College. Cedar Valley Amateur Radio Club and a local scouting group (Venture Crew 2000) have also been invited so we expect a great turnout. **Glenn - WØGJ** will be our guest speaker and he will be presenting what should be an excellent program on the K5P DXpedition and he will also have a surprise up his sleeve for the second half of his presentation. If you have ever seen one of Glenn's presentations you know we are in for a real treat!!

With all three local radio clubs and a scouting group in attendance and a superb program planned, I would like to ask all of our club members to bring at least one guest with them and show them there is more to ham radio and DXing than just sitting in front of a radio and talking. Maybe you can bring a youngster that is just starting to get interested in radio and electronics, or maybe a newly licensed ham that really doesn't know anything about DXing yet, or a ham friend that has lost interest in being on the air and needs something new to rekindle that love for ham radio they once had. Jerry – WWØE has another "grand prize" for the meeting which always helps to generate interest. This could be a great opportunity for us to increase our ranks and bring some new blood into EIDXA. Wouldn't it be great if we could increase our membership from the current 73 members to at least 100 members by the end of 2016? With your help I'm sure we can do it.

Since our last newsletter, there have been several EIDXА sponsored DXpeditions on the air that have been quite workable from here in the black hole of the Midwest. Those DXpeditions were:

- ZL9A – Auckland and Campbell Island (new DXCC name is New Zealand Subantarctic Islands)
- K5P – Palmyra Atoll
- VP8STI – South Sandwich Island
- VP8SGI – South Georgia Island

Except for the ZL9A DXpedition, all of these were in the Clublog “Top Ten Most Wanted” category. This was an excellent opportunity for all of us to put a few “All Time New One” (ATNO) in our logs or maybe even fill in some of those long needed band slots. Hopefully, everyone that wanted to work these excellent DXpeditions accomplished their goal.... It may be quite a while before these get activated again!

Here’s a synopsis of how well EIDXА members did in working these four DXpeditions:

- Of the 73 current paid members of EIDXА, 7 made at least one QSO with ZL9A (10%), 38 members worked K5P (52%), 23 members worked VP8STI (32%) and 35 members worked VP8SGI (48%)
- K5P filled the most EIDXА member’s band slots with 208 followed by VP8SGI with 171, VP8STI with 78 and ZL9A with 11 for a total of 468 logged EIDXА QSO's.
- Glenn – WØGJ, Tom – NYØV and Glenn – KDØQ all had a clean sweep with VP8SGI. These 3 EIDXА members worked VP8SGI on all bands 10 thru 160 meters. Tom – NYØV also worked them on 60 meters! Big congratulations to Glenn, Tom and Glenn.
- Glenn – KDØQ and Tom – NYØV also had a clean sweep with K5P. I guess Glenn – WØGJ was busy doing something else and didn’t get into the K5P log (HI... HI)
- Tom – NYØV must have had a lot of BIS (Butt-in-Seat) time since he was able to put these four DXpeditions in his log a grand total of 57 times!

I picked up three ATNO and filled several much needed band slots so I’m a very happy camper! So until next time, got out there and work some DX!!!!

73, Joe – K8OM



|| “Now that’s DX” ||

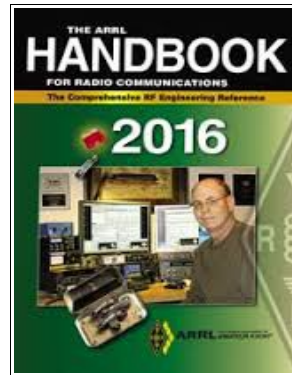
EIDXA Vice-president/editor
Jerry Rappel, WWØE



“Special door prizes at the next meeting” !

ARRL 2016 Handbook. →
(Not shown actual size).

Friday April 22nd, 2016. 7:30 PM.
Program: Palmyra! WØGJ



**And welcome Rockwell-Collins Amateur Radio Club
to our April meeting!**

Congratulations to the winners from the last meeting. 2- ARRL 2016 calendars:
Joe – WØMJN, and Nelson – KUØA.

New DX Podcasts.

You can listen to the podcast <http://coffee.bc.ca/files/dx-podcast-2-16.mp3> The DX Podcast is also available **on the DXer.ca site.**

P5/3Z9DX, NORTH KOREA. Several sources are now reporting that Dom, who previously announced plans for a January/February operation from P5, has changed plans. His next operation will be from a new location and will likely not take place until the end of summer 2016?



Effective January 1, 2016 Ten Tec assets for RKR Designs, LLC were acquired by Dishtronix, Inc. Although Ten Tec has changed hands several times in the last couple of years, I would like to state that Ten Tec has changed hands for the last time in the foreseeable future. Dishtronix has been continuously operating for 17 years, is financially stable and will continue managing in a manner that promotes and maintains fiscal responsibility and financial stability. My vision as the owner is strictly long term. I have no plans to leave this business and will continue to operate Ten Tec as long as I am physically able to do so. I believe the Ten Tec transceivers to be some of the best transceivers available at any price and personally have been operating an Orion II until the first change of ownership. Everyone who uses a piece of equipment long enough, develops a personal wish list of things they would change or improve. I feel extremely fortunate to now be in the position where I can use my skills and expertise from more than forty years of ham radio and SWLing to implement changes which I hope will make fantastic products even better. There are numerous Ten Tec user nets on the air and it is my intention so support them by posting the time and frequency schedules on the website. If I can accomplish one thing at Ten Tec it will be to be more customer-centric. I want to build the radios that you the customer wants! I am looking for ways to reliably engage with our customers so we can do that, and I think factory support of the nets is one way to start. Mike, N8WFF President, Ten Tec, a Dishtronix Company.

So off we go. Until next time, "**Now that's DX**"

Jerry WØE

Finally - VKØEK in the log !! 30 meter CW.

Minutes

Minutes of the [Jan 22, 2016](#) EIDX A meeting

Meeting was called to order at 7:30 PM by our President, Joe, K8OM.

28 hams answered the CQ call.

The financial spreadsheet for CY 2015 was shown. The Tom Hise fund balance was also noted.

We have \$850 still available from this fund for FY 2016.

We discussed making donations to several upcoming DX expeditions. The club voted to give \$200 to VKØEK. ½ will come from the Tom Hise fund. Rich, W3ACO will make the payment.

A few up coming DXpeditions were noted as candidates, 3C7GIA, VK9CK and A35T. W3ACO will run their rating against our score sheet and send results to the club via the reflector. K8OM will collect responses in one week and tally the results.

The web pages have been updated. The membership list is available on line. Buy and sell tab will be opened soon. Those who want to buy or sell something, contact Craig, KØCF.

The audit committee noted there will be no financial audit this year.

There was a long discussion about the repeater. The repeater antenna and feed line needs to come down from the Marion Water tower so the water department can do maintenance. Jason, with assistance will take down the equipment. Insurance needs to be purchased prior to this effort.

The club approved purchase of an insurance policy from ARRL to cover club liability. Cost is \$200. This policy will cover the repeater work as well as other club activities. K8OM will follow up.

CVARC and the Collins Radio club will be invited to attend our April 2016 meeting. WØGJ will present the K5P DXpedition effort. Date has not been set. K8OM will coordinate with these groups and reserve a room at Kirkwood.

Fall picnic. The club selected September 24 for the fall picnic. Rain date is October 8. Location is Martelle at the NRØX super station.

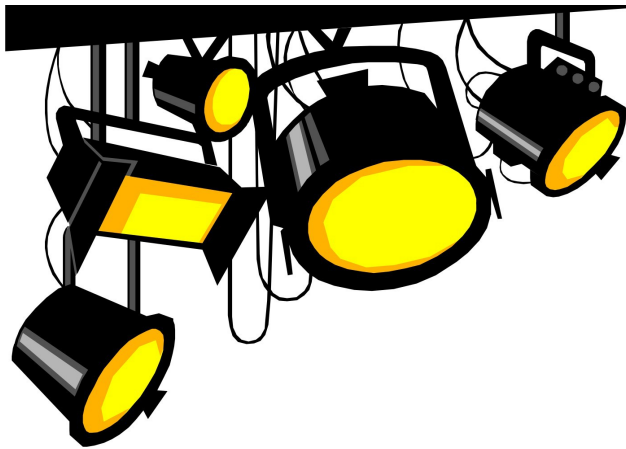
Contests. NRØX has offered his station for upcoming contests. Please contact Jason to make arrangements.

K8OM presented an award to Jim, WØSR for his outstanding attendance and long term support of EIDX. Congratulations Jim.

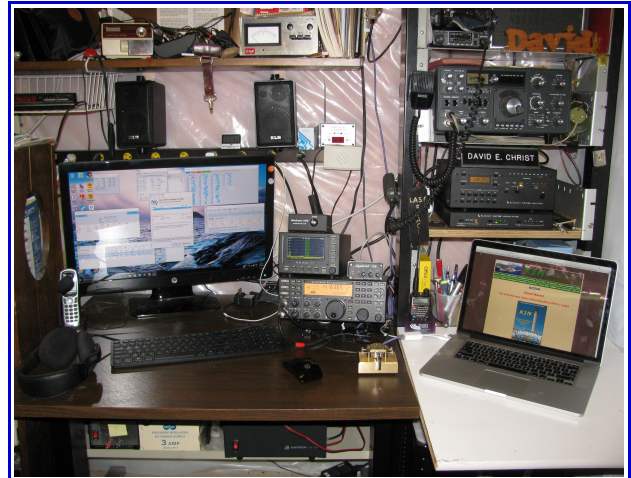
Joe, K8OM, presented a candidate list of future programs. He solicited comment from the club and narrowed down the list.

Rich W3ACO

Member Spotlight



David Christ, KØLUM



I became a ham because of WW II. Two physical items started me down the track to hamdom. My father came home from the Navy with a government book on electronics. But also in the house was a Hammarlund S-38 receiver. Four bands from .54 to 32 MHz with bandspread. Scary radio. It was AC/DC, no AC transformer and a series filament string. The way it was wired could result with the chassis being hot with a metal case. Many a person got bit by this model and there might have even been a death or two. With these two items in the house, how could a curious young boy not become fascinated with radio and electronics. How I stumbled on Ham Radio I cannot recall. But it had captured my interest.

Up there on the Minnesota border in the early 1950s TV reception was marginal at best. We had snow on the ground only in the winter but on TV we has snow year round. My radio interest was no secret in the small northern Iowa town I went to high school in. This was not always good. Any problem the local TV repairman couldn't solve he blamed on that Christ kid and his radios. Rather unfair as I had not acquired any yet.

Living halfway between Minneapolis and Des Moines created a barrier for a teenage boy getting a ham license. Because I lived just far enough out in the boondocks in 1957 I was able to obtain novice license KNØLUM and later Conditional class license KØLUM. How I financed my first station is lost in the fog of my old mind, but soon I was in the possession of a used National NC 2-40D receiver and a Heathkit DX-100B transmitter. The NC 2-40D was everything the S-38 was not. Related to the HRO series of receivers, instead of plug in coils, it had the coil sets mounted in a die-cast unit that traveled underneath the chassis and connected them to the tuning capacitors one at a time. This allowed having a single dial and separate calibrated scales for each of the major HF amateur bands.

I still have that receiver and hope to restore it some day. the DX-100B should be familiar to any old-timer. 100 watt rig, AM and CW, a pair of high level modulated 6146 finals. And with a VFO! As nice as those units were, lack of an adequate antenna and no Elmer to provide guidance resulted in few contacts and more than one RF burn. This chapter in my ham career ended soon with my departure for Iowa State University. I joined the radio club there and was able to do a limited amount of operating.

In 1964 I got married and moved to the Iowa City area. The Iowa City club was quite active at that time and I enjoyed interacting with a great bunch of guys. I did manage a 20 foot tower and an inverted V in barracks housing, probably the only one ever at UI. My interest in mechanical RTTY took root. My long suffering but supportive wife put up with 8 model 15 typing units in the living room one time. It's a wonder we are still married. Shortly after we moved to an old farmhouse in the country. Now I had a 70 foot tower but still only an inverted V. The tower I scrounged but HF beams were still too expensive for me. I ran a 200 foot long wire over to a corn crib. The WSUI transmitter was only a couple of miles north of me. RF on that antenna was measured in volts.

Having joined Navy MARS I acquired an AN/SRT-15 transmitter. Interesting unit from around 1950. 1000 pounds and over 90 tubes but actually quite useful. Synthesized tuning in 10 Hz steps from 300 kHz to 26 MHz. Nominally 100 watts output on CW/RTTY/AM with a 4-400 final. I had the power booster, another 350 pounds of steel and iron that would boost the output to 500 watts high level modulated by a pair of 4-125s. Pity was that it ran on 3-phase power which i never got changed. Great RTTY rig. Direct FSK with a precision dial to select the shift. Somehow I got that monster up the stairs into a second floor bedroom. My horrified mother-in-law said to my wife, "You won't let the baby sleep in the room underneath that, will you?"

After a couple of years we moved to a hilltop location between Iowa City and Hills. Tower was now at 100 feet but the HF antenna was still only an inverted V. VHF had become popular so I put a pair of KLM 12 element 2 meter beams on the tower, horizontally stacked for vertical polarization. There is a saying "If the antenna stays up it isn't big enough." They must have been big enough because during an ice storm they came down and punched a hole through our flat roof including the 2 inch thick wood layer. RTTY receiver was an R-390, then later a AN/WRR-2 — another couple hundred pounds and another 60 tubes. More vacuum in that shack than in outer space. Thankfully the shack was now in the walk-in basement sitting on a concrete floor. My sideband rig was updated to a Yaesu FT-101B. Nice unit for its time. But funding and raising a family took precedence and Amateur Radio was set aside by the early 80s.

Amateur Radio reentered my life in 2008. A friend of mine who had moved to Tempe, AZ many years ago finally got off the dime and started working on getting his license. I found myself Elmering him and getting excited again about Ham Radio myself. After 30 years in the country, I had retired and moved into a house in Iowa City. I reconnected with old and new friends at the Iowa City Amateur Radio Club which fed my excitement. I still had my Yaesu FT-101B, still packed in its original box tucked behind a door. I was like Rip van Winkle. Technology had changed. When I left Ham Radio it was an analog world transitioning to solid state from hollow state and hot electrons. CW and SSB were king on HF with a little AM still remaining. I came out of my Ham coma into a digital world. CW and SSB were still there but joined by many digital modes like PSK31 and JT65. RTTY no longer smelled of oil or filled the air with with the rap-a-tap of keys hitting paper (so sad). Computers and microprocessors were everywhere.

The FT-101B was like new but was 40 year old technology and without WARC capability. It was time for new equipment. There were so many choices but I finally settled on an Elecraft K3 transceiver. This has been expanded to a full K-line setup, a decision I have never regretted. But one problem remained to be solved. I still did not have a decent HF antenna. This end of our street has 13 individual houses but the ownership is a condominium. As is typical, outside antennas were forbidden by the association rules. I strung up some wire in the attic but that was hardly satisfactory. Maxwell must have been smiling at me from heaven because my kind and understanding neighbors gave me permission to put up a 30 foot tower and antenna. The back yard was only 15 feet deep but I overcame that with a K4KIO hexagonal beam. Later I added a 30/40 meter inverted V. Life is good. Seven years ago I had yet to receive a confirmed DX contact. Now I have earned DXCC and in March I managed a modest 200,000 points in the ARRL DX SSB contest. I'm having a ball.

I must give special thanks to Rich W3ACO who Elmered me and still give me a poke when I need it.



Jim Spencer, W0SR Attendance Award presented at the January meeting.



Dear OM's and YL's:



WØGJ station -

I always call them as I see them. Sometimes I don't see them very well. A few friends have tried to give me hints--I'm sure feeling sorry for me about my observation skills.

More comments:

1. Looks like the op is a excellent cabinet maker--it is very nice furniture. I know it is not W3ACO who has great skills in that area but so do others in the EIDX

2. The magazine on the desk was pointed out. Looks like "IBIS" to me. I believe that is a British ornithology magazine--could we have a bird watcher? It could also be a catalog for a chain of European hotels. Could our mystery station owner be a traveler? Probably not with all those plaques!

3. Undercover spies have revealed that that non-Collins looking thing on the left end of the desk is really a Maestro, baton and all. I can't see it very well but, heck, I trust the spy.

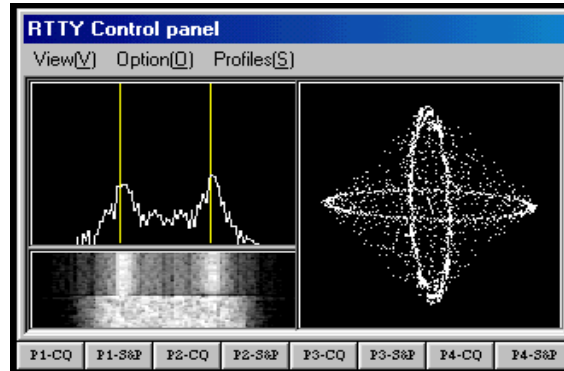
4. The gold thing in front of the lower 30L-1 look like a gold "thing" but I would suspect it is a Fort Knox paddle. That means the mystery op gets on CW and getting on CW with a S-line means he like a challenge.

5. This may be the only Collins S-line SO2R installation in the free world. I wonder how he does the switching?

If I were to rewrite my first note I could change several statements, I could even name the mystery station. What is the fun in doing that?

73, Jim WØSR





SO HOW PRINT ?

RTTY logs this time:

- W3ACO: T32CO, 8R1/K9KX, YL2KF, 5J0P, 4S7GWG, TX7EU
- K5P, ON8ON, VP8SGI, CEØY/W7YAQ, FW5JJ, 6Y4K, ZS6C, FM1AG, 3G1B, TG9ANF, GM3W, J43TR, 3XY1T, 6Y5JH, PT2CM, SP2KPD
- Tom NYØV: here is a list of some RY QSO's for the gang:
9G1SP, YW9Ø1ARU, 6Y4K, 8P9NX, K5P, VP8STI, VP8SGI, EI1916E, 7P8C, V5/DJ9KM, 5V7TH, 3XY1T, A35T, KL7RST, VP5/KØPC, K8JH/VP9 (Yes, that is the way he sent it)
- WWØE: 7P8C, 3XY1T, KL7RST, 7P8C, TX7EU.
- Glen KØJGH : VK9WA, TZ9A, VR2VIY, VP8SGI, K5P.
- Craig, KØCF: 3XY1T, 4A1DX, 5JØP, 6Y5WJ, 8R1/K9KX, A35T, A71EM, C31MF, C5FUD, CX/N3BNA, FP/KV1J, GD4SKA, HBØFVL, HI8V, IK2WZM, K5P, KG4PH, PA9JO, T32FS, TR8CA, V21ZG, VP8SGI, YN5Z, ZA/IW2JOP, ZP6/N3BNA.

|| **EIDXA DX NEWS** ||

9MØS, SPRATLY ISLANDS. Michael, DF8AN, will be active from Layang Island (AS-051) between April 19-29th. Activity will be on 160-6 meters using mainly CW. QSL via DF8AN, direct or by the Bureau. No eQSL and NO LoTW.





E-bay record price !

Vintage 1971 NOS Collins 51S-1 1F HAM Tube Radio Receiver Rack Mount
 1971 New Old Stock, Recently Found from Original Owner

Item condition: **New**
 Time left: **1h 59m 19s** Monday, 1:05AM

Current bid: **US \$4,850.00** [11 bids]

 Enter US \$4,900.00 or more

Place bid

[Add to watch list](#)
[Add to collection](#)

Located in United States

Shipping: **\$56.19** Standard Shipping | [See details](#)
 Item location: Seattle, Washington, United States
 Ships to: Worldwide

Delivery: Estimated between **Thu. Jan. 28** and **Thu. Feb. 4** 🌐

Payments: **PayPal** **VISA** **MasterCard** **Discover**
 Credit Cards processed by PayPal
PayPal CREDIT
[See details](#)

Returns: 60 days money back, free return shipping | [See details](#)

Vintage 1971 NOS Collins 51S-1 1F HAM Tube Radio Receiver Rack Mount in Orig Box US \$5,500.00 16 bids

Navy cryptology students learn Morse code



PENSACOLA, Fla. – The cryptologic technician (collection) (CTR) student cohort in the first revised Basic Manual Morse Trainer (BMMT) course wrapped up, Jan. 28, at the Center for Information Dominance (CID) Unit Corry Station.

The update included the latest Manual Morse software used by the Department of Defense and was tested out in a nine-week pilot course that concluded in September. The self-paced course provides basic instruction and practical application in the interception of Morse-type communications.

"Morse code continues to be an inexpensive and efficient means of communication for many states throughout the globe," said Senior Chief Cryptologic Technician (Collection) (IDW/NAC/SW/AW) Tony Gonzales, CTR rate training manager for CID headquarters. "Manual Morse operators here at Corry Station are learning a skill set that has stood the test of time. Many of our most senior CTRs began their careers as Manual Morse operators."

In the updated course, Sailors learn how to operate radio-receiving and associated computer-based equipment. From basic safeguards of security to communication procedures and systems theory to operation of communications equipment, the course teaches how to intercept Morse communications, as well as copy and send Morse code.

“There is something special about learning a skill that Sailors have been performing since World War II,” said Gonzales. “The connection between the past, present and future cryptologic technician (collection) is rarely seen in our line of work as technologies are forever changing.”

Morse is just one tool that CTRs use as members of the Navy’s Information Warfare community to perform collection, analysis and reporting on communication signals.

“Morse code is not only used in military operations but also in commercial navigation,” said Cryptologic Technician (Collection) 1st Class (IDW/SW) Gabriel Albarran, the BMMT course supervisor. “Search and rescue, science navigations and weather status are frequently passed in automated Morse code.”

Sailors can take the course immediately following CTR "A" school or can be assigned as fleet returnees to the course as part of their transfer. The course is now offered to about 40 CTRs each year in the pay grades of E-1 through E-5.

“It’s a language,” said Cryptologic Technician (Collection) Seaman Mary Kaitlin McKeeby, who beat the course record set during the pilot by two days, finishing the self-paced course in 39 days. “If you have a knack for languages, (Morse code) is going to be easier to pick up.”

She stressed the importance of staying composed while learning Morse code and persisting through the lessons even when making a mistake.

Graduates receive NEC 9169 as a Morse code intercept operator and undergraduate college credit through the American Council on Education. They may also be eligible for selective re-enlistment bonuses in both zones A and B.

Morse code training has been taking place continuously at Naval Air Station Pensacola Corry Station since 2005, when the Navy moved the training back to Corry Station, in favor of cost and time savings by relocating the course with the cryptology “A” school. A long partnership with the Army providing the training came to an end at that time.

The Center for Information Dominance (CID) based at Corry Station in Pensacola, Florida, is the Navy's learning center that leads, manages and delivers Navy and joint forces training in information operations, information warfare, information technology, cryptology and intelligence.

With nearly 1,300 military, civilian and contracted staff members, CID provides training for approximately 22,000 members of the U.S. armed services and allied forces each year. CID oversees the development and administration of more than 200 courses at four commands, two detachments and 12 learning sites throughout the United States and Japan.

For more information on the Center for Information Dominance, visit <http://www.netc.navy.mil/centers/ceninfodom/>; [facebook.com/CenterForInformationDominance/](https://www.facebook.com/CenterForInformationDominance/); and twitter.com/CenterInfoDom/.

Courtest The SWL report.

Thanks to all the EIDXА members who made this newsletter.
Jerry WØØE

The club has another QSL card checker WØGJ, Glenn Johnson. If you look on the ARRL web site under searching for a checker, he shows up with a Calmar, IA address, but a MN phone number. If you look in the master list, he is still listed in MN.

EIDXА members can get their DX QSL cards checked for DXCC credit from the following club members:

- ARRL former Midwest Division Vice Director, and EIDXА member, Cliff Ahrens KØCA attends EIDXА meetings as his schedule permits. You may also send your cards to him by surface mail. Contact Cliff via e-mail for more information and/or to make arrangements to check your cards: KØCA@arrl.net or cliff.ahrens@gmail.com.

EIDXА member Tom Vavra WB8ZRL. Tom is able to check any cards for DXCC. In addition he can check cards for WAS, WAC, and VUCC. Contact Tom via e-mail for more information and/or to make arrangements to check your cards: wb8zrl@arrl.net.

EIDXА member Mike Nowack NA9Q. Mike attends EIDXА meetings as his schedule permits. Contact Mike via e-mail for more information and/or to make arrangements to check your cards: na9q@arrl.net.

2016 EIDXА Meeting & Events Schedule

Look for this information on the club web-page www.eidxa.org. Meeting information on the web site is up to date to ensure everyone has timely access to the information between newsletters.

You might be a DX'er – Anonymous

You might be a DX'er if you can remember the date of the next big dxpedition, but can't remember your wife's birthday!

You might be a DX'er if you subscribe or read to at least three DX bulletins!

You might be a DX'er if you have climbed your tower in bad weather to fix a problem that could have been fixed latter in better weather!

You might be a DX'er if a trip to the mail box can turn a dull day into a GREAT day!

You might be a DX'er if you know what an I.R.C. Is but when trying to purchase some, you have to explain what they are to the post office!

You might be a DX'er if you know that a gray line is not just a part in your hair!

You might be a DX'er if you believe life is to short for QRP!

You might be a DX'er if you have waited for the phone to ring at least twice before answering, making sure it wasn't a one ringer!

You might be a DX'er if you know that a beverage just isn't something you drink!

You might be a DX'er if you belong to the E.I.D.X.A.

