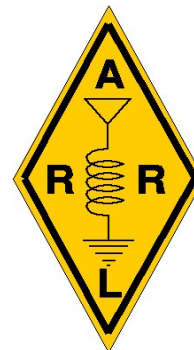


July-August-September 2016

"Ohio's First DXCC Field Checking Club"



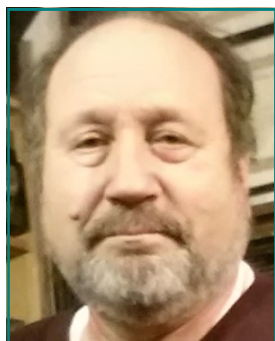
The NODXA RAG



Poolside Chat With KB8NW

Fellow DXers,

What a great summer we have been having this year. The weather has been perfect (that if you like hot). It was even perfect for Field Day this year (not too hot, not too cold and NO RAIN!).



NODXA had a great Field Day, and without even trying hard we had a great score. We had plenty of attendees (about 30) and food to eat (thanks to N8DJX). I want to thank all those who showed, especially those who operated, helped set up and tear down the Field Day site. I also want to give a special thanks to the technical/transporting crew (N8TR, N8DMM, WD8IOU, K8ME, K8LBT and K8YSE). Without their help, there probably would not be a Field Day. I will be looking forward to seeing where we place (score-wise) in the country, in our division and class. It should be published in November's (or December's) QST.

As I am writing this, the end of summer is only about a month way. Let's hope that band conditions improve as we head towards fall and winter. We still have not heard from Dom, 3Z9DX, who is expected to be active any time now from North Korea. He is still waiting by the phone (bags packed) to hear from the North Korean authorities on when he can operate. By the time you read this, there should be a St. Paul Island DXpedition going on or it maybe QRT (on August 29th). Also, look for a Pitcairn Island DXpedition, VP6AH, to take place between September 3-25th. The big news that broke over the last few months is that an international team of operators will be active as 3Y0Z from Bouvet Island (AN-002) in early 2018.

The last thing I want to mention is (if you have not heard) the Dayton Hamvention has moved because Hara Arena has closed their doors. Now the convention will be in Xenia at the Greene County Fairgrounds. Look for more details to be forthcoming.

As always, I hope to see you in the coming weeks/months, possibly at a hamfest or NODXA's general membership meetings every first Monday of the month (unless it is a holiday -- it will be the second Monday).

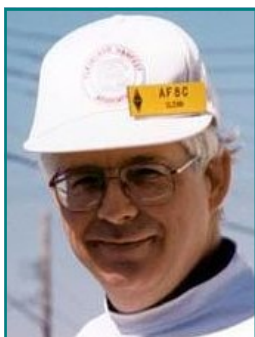
As a reminder, if you have a topic to discuss about DXing or contesting, bring it up at the meeting. Also, if you would like to put on a program of some interest for the club in the coming months, let us know so we can schedule you in for a meeting. We are always looking for a program.

73 and Good DX, de Tedd KB8NW

P.S. Did you remember to renew your dues???

Minutes of the June 6th, 2016 NODXA Meeting

The meeting was opened at 7:30 p.m. by president Tedd, KB8NW, with 21 members present. After the round of introductions and the Pledge of Allegiance, the undersigned read the minutes for the meeting of May 2, 2016. Bruce, N8DJX, moved and Ron, K8VJG, seconded a motion to approve the minutes. The motion passed on the vote. Then treasurer Mary, N8DMM, reported a treasury balance of \$Ka-Ching! Gary, NI8Z, moved, and Bruce, N8DJX, seconded a motion to approve the treasurer's report. The motion passed on the vote. Note that dues are due now. Our editor, Dave, WD8IOU, reported that the newsletter is progressing well to come out before Field Day. He could still use any ads, or Dayton photos, or other types of material for articles. Tedd's question on the status of the repeater was answered with "OK".



Old/New Business:

Tedd reported that both donations approved at the May meeting were sent by Paypal. Donations transferred out of the U.S. incur currency exchange rate adjustments so our \$100 ends up being a non-even number. The \$100 was received as approximately 87 Euros (May 4 exchange rate). Our donations were gratefully accepted and our logos appeared on their Web sites within hours. CY9C is not that rare.

For the Dayton wrap up there was a show of hands of who went to Dayton. The Hara Arena says they will conduct the 2017 Hamvention. Mary N8DMM said there was plenty of traffic in the flea market. The Dayton chairman said attendance was up some from last year. All the flea market spaces were sold. The weather on Friday was so-so and a bit cold. Saturday had a slight mist. The hospitality room attendance went well, and attendance there may have been up. People from the South Sandwich and South Georgia operations did not come to the room. The captain of the *Braveheart* (KC3HAE) was there, eating waffles. Kahn did not show. Don Search did show. There was \$42.36 remaining from the hospitality suite budget. Tedd has turned over hospitality room receipts and donations to Mary.

Check the N6PSD Bouvet Web site for their latest information. We have a new request for funding for a H4 Solomon Island/ H40 Temotu Province operation(s) which will run on October 4-17.

For Field day we need a chairman. K8YSE will only be at Field Day on Saturday. The club needs decisions on what to do. Pete, N8TR, discussed the technology of bandpass filters. W8DXA has used an "autofilter" box of 6 filters in a switchable configuration used by the FT1000s. The discussion continued on many of the planning details of setting up and operating on Field Day. And there's a news item that Goose, W8AV, will be at the Field Day site on Saturday to check cards.

Wrapup:

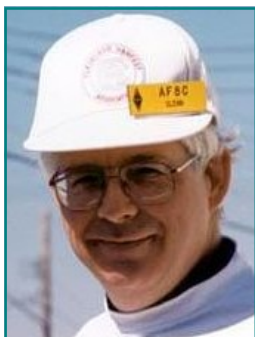
Tonight's program was Field Day planning. The next meeting will occur on July 11. The 50/50 raffle pot was \$39, with the split being won by Mary, N8DMM, who donated her half back to the club. A motion by Bruce, N8DJX, and seconded by Ron, K8VJG, to close the meeting passed on the vote. The meeting closed at 8:36 p.m.

Respectfully, Glenn, AF8C, Secretary

"The Mission of the Northern Ohio DX Association is to promote and support Amateur Radio and the DX Community around the world."

Minutes of the July 11th, 2016 NODXA Meeting

The meeting was opened at 7:30 p.m. by president Tedd, KB8NW, with 18 members present. A round of introductions and the Pledge of Allegiance was followed by a reading of the minutes for June 6, 2016. Gary, NI8Z, moved and Bruce, N8DJX, seconded a motion to approve the minutes, which was voted and passed. Mary, N8DMM, reported a treasury balance of \$Ka-Ching! Tim, W8TAH, moved, and Bruce, N8DJX, seconded a motion to approve the treasurer's report. The motion passed on the vote. Note that dues are due now. Our editor, Dave, WD8IOU, reported that the newsletter went out before Field Day and he is working on the next one. He could still use any ads, photos, or other types of material for articles. Tedd's question on the status of the repeater was answered with "OK".



Old/New Business:

Dwaine, K8ME, reported that Jeff Covelli, WA8SAJ, is selling equipment owned by Dave Foran, WB8APD, who has been moved into a nursing home. Tedd discussed how the OPDX Bulletin was started years ago on Dave Foran's server. Ron, K8VJG, and Tedd worked to contact and thank the nuns at St. Augustine for the use of the church property for the Field Day site.

This month Tedd has no new requests for donations to DXpedition teams. DX will be relatively quiet through the summer. Bouvet is coming in 2017 or 2018 but their schedule has not yet been announced. Bouvet's geographical setting and the solar minimum will make that DX difficult to work. Dave, WD8IOU, asked about the status of rumored P5. The Polish operator is "sitting by the phone" awaiting news.

Brian, K3USC, reported that NODXA now has over 500 friends on FaceBook. Dave, WD8IOU reported that July 29 is the date when Microsoft issues a big Windows 10 update and simultaneously cuts off free upgrades to 10 from older releases 7 and 8.x. Thereafter Windows 10 will have an annual continuation fee. Brian, K3USC, reminded us of the NOARSfest coming on July 16.

FIELD DAY:

The weather was perfect. The club did very well in scoring. The CW QSO number was 1254 plus 5 on 6 meters. The Phone QSO number was 1319 plus 25 on 6 meters. The club earned the full slate of bonus points. There were five solar powered QSOs. The priest showed up to add support to the event. Training points were earned on traffic message handling. Actual traffic messages were handled by Tim, W8TAH.

Dave, WD8IOU, asked about the use of WriteLog for Field Day in 2017. This year the logging was via the N3FJP Field Day Logger. Glenn, AF8C, reported another club used N3FJP and he has a list of software "bugs" they found. Pete, N8TR, knows of a standalone PC program which runs as a Digital Voice Keyer. He will test that for possible use on Phone next year. Bruce's radio plugged right into the band filters and ran at 150 watts. The food was good. Food donations were received from Bruce, N8DJX, Brian's wife (noodle kugel), and Ron's brother (4 dozen Jack Frost donuts). Field Day pictures will be in the next newsletter. Look up the W3CDX 1930's Field Day setup on NO3M.net.

Wrapup:

The next meeting will occur on August 1. The 50/50 raffle pot was \$15, with the split being won by John, K8YSE, who donated his half back to the club. A motion by Ron, K8VJG, and seconded by Tim, W8TAH, to close the meeting passed on the vote. The meeting closed at 8:23 p.m.

Respectfully, Glenn, AF8C, Secretary

Minutes of the August 1st, 2016 NODXA Meeting

The NODXA meeting was called to order at 7:35 p.m. by president Tedd, KB8NW, on the first Monday at the "Gourme Family Restaurant". The roll call and the Pledge of Allegiance was done. We had 18 members present and one guest, Joe Kuhn, WB8TRW, who later became a member.



Dwaine, K8ME, mentioned that Dave Foran, WB8APD, will be coming home from rehab on August 8. The Treasurers report was given by Mary N8DMM. Gary, NI8Z, moved to accept the report and that was seconded by Ron, K8VJG. The membership approved the report. The newsletter editor Dave, WD8IOU, stated that he will be working on the newsletter and he needs more materials.

Old/New Business:

The Dayton Hamvention in 2017 is moving from the Hara Arena to a new location in Xenia, Ohio, at the Greene County Fairgrounds. Further details will follow as the year presses on. According to Pete, N8TR, those buildings have no air conditioning. Tedd, KB8NW, mentioned that the Club Logo was not on the FT4JA QSL Card. John, K8YSE, received his QSL and the special envelope. Those cards are slowly coming out. Dwaine, K8ME, mentioned that he received the club license renewal forms, plus his personal renewal form. Pete N8TR mentioned that if you want a paper copy of your license you have to request it when you send in your renewal application.

Tedd mentioned that DXEngineering is having an open house for their new show room on Saturday August 13 at 9:00 a.m. until Sunday 9:00 p.m. The North American QSO Party CW occurs on August 6, with the SSB portion on August 20, and the Ohio QSO Party SSB will be on August 27. The link for the Ohio contest is OhQP.org for more rules. Dave, WD8IOU, gave us the 2016 Field Day results: CW-1259, SSB-1345, for a total QSO score of 7766. Adding the 1450 bonus points gives a grand total of 9216. John, K8YSE, gave further explanation of the rules.

Wrapup:

The 50/50 raffle winner Rick, K8ZH, won \$19.00, which was donated back to the club. The September meeting will be on September 12. Ron, K8VJG, moved to adjourn the meeting and that was seconded by Brian, K3USC. The meeting adjourned at 8:05 p.m.

Meeting minutes taken by Dwaine, K8ME

Field Day 2016 Report by David Autry, WD8IOU

Field Day 2016 had one big advantage over last year, it was dry! No rain, no sloshing thru the mud, no wet shoes or feet, and no stuck cars. This weather this year was also warm with low humidity.



The only annoying situation were the bugs on Saturday night. Tedd, KB8NW, walked out of the SSB tent and was engulfed by a swam of June bugs...and I think that they followed him all the way to his car. Shining the flashlight into the swarm reveled thousands of the little critters. Around 3 AM, your editor had a nice pileup on 80 meters when five or six of these bugs decided to explore the confines of my T-shirt and, simultaneously, another group tried making a nest in my hair. That is an experience that I will never forget!

But some things are always the same. Tedd manning the grill flipping burgers and hot dogs. Trying to remember which pieces of the tent went where; though Denny's canopy was erected in record time this year. And many enjoyable hours shooting the breeze with fellow club members.

Score wise we did really well. We didn't break our all-time record but our submitted score of **9,216** came close to breaking it. Below is our scoring summary and the following pages have FD 2016 photos (photos by K3USC and KB8NW).

Bonus Points:

Description	Points
100% Emergency power	200
Media Publicity	100
Public Location	100
Public Information Table	100
NTS message to ARRL SM/SEC	100
W1AW Field Day Message	100
Formal NTS messages handled - No.=10	100
Satellite QSO completed	100
Natural power QSOs completed	100
Site Visit by invited elected official	100
Submitted via the Web	50
Educational activity	100
Social media	100
Safety officer	100
Total Bonus Points	1,450

Score Summary:

	CW	Digital	Phone	Total	
Total QSOs	1269	0	1345		
Total Points	2538	0	1345	3883	Claimed Score = 7,766



Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	307	150			383	150
40m	688	150			630	150
20m	269	150			306	150
15m						
10m						
6m	5	100			25	100
2m						
1.25						
Other						
Satellite					1	10
GOTA						
Total	1269		0		1345	







FT4JA Juan de Nova 2016 DXpedition—Part 1 by Florent Moudar, F5CWU

From April 29th to May 10th, 2016, a team made up of Seb F5UFX, Flo F5CWU, Vincent F4BKV, Gil F4FET, Yann F1NGP, Pat F2DX, Jack F6BEE, Pascal F5PTM, Diégo F4HAU, Chris EA3NT, went to Juan de Nova, an island located between Madagascar and Mozambique. The island is flat, and covers an area of 4.4 kilometers square. It is surrounded by a coral reef which harbors a vast lagoon. Forests, mainly of Casuarinaceae (Le Filao), cover about half the island. It is named after a Portuguese captain Joao da Nova who discovered it in 1501. In the absence of foreign presence, the island is attached to the colonial empire of France in 1896 and passed under French flag the following year. Since 2007, it is attached like the other Scattered islands to the administration of the TAAF (Terres Australes et Ant-arctiques Françaises).



The thud of the chain pulling up the anchor of the Antsiva puts an end to the last moments of calm prior to our departure for Mayotte (FH). All operators stand on the deck quietly looking at the last view of the Island, before setting off on the ocean journey ahead. On the shore, the static sky blue color contrasts with the deep green of the luxuriant vegetation stretching along the beach. We salute the solitary gendarme standing on the beach, craning his neck and bidding us bon voyage. He watched until we were just a speck in the distance.

It was only then we thought about our last two weeks on Juan de Nova and the energy spent overcoming the various technical and physical challenges required of such an expedition, the culmination of a year of hard work, of preparation, planning and sacrifice. We felt extremely fortunate in getting the opportunity to visit again one of the scattered islands. Our time on Juan de Nova passed very quickly.

We were all now in a good and light hearted mood, convinced that we had done everything possible to make our endeavor a success.

After two days sailing, we arrived at Juan de Nova late in the afternoon, earlier than expected, due to the marine currents in the Mozambique channel between there and Mayotte. We could see the shoreline of Juan de Nova almost one kilometer away. What struck us was the contrast between the immaculate white sand which seemed to spout out from the water and the filaos (trees) which form a thick and dark layer. The last moments of daylight provided a red color to the landscape before the darkness quickly settled. We could see the red lantern of the lighthouse close to the western point of the Island. It warns passing ships of the stretch of land between Madagascar and Mozambique.



Tuesday, March 29th 2016 - Before the first lights of dawn, the excitement among the participants began to peak aboard the « Antsiva », a 28m long yacht specializing in adventure cruising and trips such as the one we had set out upon. Although we had spent the night in a calm mooring, the growing excitement did not bring an easy sleep. It was hard to accept that the fifth rarest country in the world was just a short distance away. No alarm clocks were necessary as each team member, was anxious to make ready for the day ahead. Beds were abandoned and even breakfast was short lived as we began to assemble equipment on the deck in preparation of transport to the shore. Before dawn, we worked by the light from our head torches. In total we had brought one and a half tons of equipment to Juan de Nova. During the voyage the equipment had to be stowed in many different parts of the boat. All this had to be carried to the disembarkation point of the boat in the specific order it had to be transported ashore. The number of rotations ashore depended upon the state of the tide, so there was considerable meticulous planning to get as much equipment to the island in the time available. Every item was numbered to make this task easier. All ten operators assisted by the crew, worked effectively to get as much

ashore as possible. At 6 a.m. the crew launched the tender of the Antsiva. Two tents, tools and the first of the antennas were loaded. The first trip to the shore included three operators. They were met on the beach by the local gendarme accompanied by a couple of soldiers complete with tractor and trailer.

Even on Juan de Nova we had to show our passports and our paperwork to the authorities before we could start about our business. As the leading group made their way to the radio area, the tender made its way back to the yacht. We crossed through the military camp and along the edge of the runway before reaching our spot at the edge of the forest. As we drove along surrounded by our large transportation bags and water containers, excitement continued to grow as we drove past places we had studied in photographs during many months of preparation. Our dream was slowly changing into reality. Suddenly the convoy stopped. Barring our way was a spider as big as your hand. It was very slowly and carefully



assisted into the long grass which bordered the track. Eventually, we reach the place we had chosen for our operating positions. The place was much different than we had imagined from the satellite photographs. Admittedly we did not expect to find the lush grass of a golf course freshly mown, but the area left us speechless. It was not possible to establish a site in the long and coarse grass never mind the logistical transport problems. It was also dangerous for team members to cross the field day and night. We discussed the problem with the gendarme, who suggested a tour of the area to allow us to select a better location. Eventually we found a location with no trees which satisfied the environmental constraints of our permit, our proximity to the water, to certain types of vegetation and bird laying areas. We obtained the agreement of the gendarme and also of TAAF.

Whilst all this was taking place, the tender had been going back and forth to the yacht bringing more personnel and equipment to the shore to ensure that as much as possible had been brought ashore before low tide. All the equipment was taken to the new campsite and we began to assemble our tents. In a cloudless sky, the temperature gradually rose to 40 degrees. Between the sand and the lack of wind, it was like working in hell. The difficult conditions meant that we had to continually stop to take on board water to keep us hydrated. We worked hard all day and by the time the sun began to set in the sky, the camp was almost complete. We battled against the clock to make the place livable before darkness and the voracious hordes of mosquitoes which attacked us constantly despite covering ourselves and our clothes in repellent.



After two days of sailing and one exhausting day working under the hot sun, everybody was exhausted. We made our way to the TAAF buildings, where we enjoyed our first proper meal before retiring to our camp beds to enjoy a few hours of well-deserved rest. We awoke before sunrise at 5a.m. Still exhausted from our previous day's efforts, but fortified by a cup of strong coffee we set out again to complete all that was necessary for the expedition.

Already it was hot; soon it would again be insufferable. We worked to a plan to complete our work. We had to install three generators, which, to avoid contaminating the earth had to be set on large sheets of plastic. This was an important consideration in our plan to safeguard the environment, and in our operating plan agreed with TAAF. All machines started with no problem, having been run up in France prior to our departure. We expected them to work for the duration of our expedition without interruption. We laid out 1,500m of coaxial cable and 2,500m of radials. Electrical connection to the operating positions was also set out. Tent n°1 hosts 3 HF stations whilst tent n°2 has 3 HF stations + 6m.

The formation of the operating team is a very important consideration on these adventures. The composition of the team is a crucial point, it is the cornerstone. In addition to operator's skills, we made a serious point of forming a cohesive group, with strong human qualities. This proved itself in the fact that for the duration of the trip, the motivation and hard work of the party never failed. The core members of the group had previously been to Tromelin and so the same group went to Juan de Nova joined by some new members whom we felt met all our criteria. During our mid-day break, we had one final opportunity to gather the complete team to remind ourselves of our plan and goals and to discuss matters of operating and general site safety. The world was waiting for us.



Our first contact was with our chief-pilot station, Cedric F5UKW at exactly 1237z. We were able to get the latest news from France before hitting the airwaves with several stations; soon to be seven in number before the afternoon was over. Operating soon took on a momentum of its own with many stations having waited for decades to make a contact with Juan de Nova. Pile ups were huge and soon a very fast rhythm was established. Those who were not operating worked outside the operating tent, to make adjustments and tidy up the installation so that the operators could concentrate on making QSOs.

Our band plan was designed to co-habit with VKOEK, the Heard Island expedition which was taking place at the same time. We designed an easy to read, easy to follow table to try to avoid conflict or at least keep it to a minimum. We tried to pay extra attention to those Zones which we thought would be the most difficult to contact. Our operating plan was designed so that all regions of the world would have a chance of a QSO with Juan de Nova. It seems the amateur radio community collaborates with our plan without complaining.

After the initial rush, the team is split into two so that 24 hour operation is possible. It seems that after the first day of operation there are already 10,000 QSOs in the log. Already we had established a

rhythm which we hoped would continue for the duration. Propagation conditions are better than we had hoped for making it possible to make QSOs on the higher bands.

Each station was similarly equipped with an Elecraft K3, an SPE Expert 1.3 KFA amplifier and a Microham Microkeyer II. In addition each station has the necessary band pass filters, homemade splitters, RX limiters loaned by DX Engineering and pre-amplifiers by KD9SV. In addition, SDR transceivers (SunSDR Pro 2) complete the setup and have been used to make some experiments, especially on CW (use of panoramical RX + CW skimmer). These tests have been successful and very interesting with such difficult working conditions in overcrowded bands. All seven stations are networked with WinTest logging software. The antennas of choice were 2 element Vertical Dipole Arrays from 10 to 20m. In addition to their compactness, their performance is undeniable, particularly so when placed at the Ocean. On 30m and 40m we utilized a four square, with verticals on 80m and 160m using the well-known Spiderbeam Poles. A multiband yagi comes in support, in particular to make in-band traffic. This configuration enables us to have, at certain hours, two stations on the same band. The 6m antenna was a 6 element yagi made by DXBeam. All antennas were connected with low loss and extremely light weight coaxial cable manufactured by our Italian partner, Messi and Paolini (Airborne 10). To improve our reception on 160 and 80m, two 200m beverage antennas and phased pennants antennas are in use. Cases lent by DX Engineering and KD9SV enable us to adapt to the configuration.



Every day was different, but we managed to maintain our rhythm of almost 10,000 QSOs per day. We realized that with tiredness setting in, this would be difficult to replicate during the second week. Rest periods were difficult as it was hard to nap in 40 degrees and night time sleep was interrupted as we had to be back in front of the radio for the sunrise openings on the low bands.

As well as operating, there were also many other things to be taken into consideration. For example, the site has to be maintained, antennas have to be maintained, and meals have to be prepared, press releases and articles for schools written, video reports filmed and the like. Every team member is fully occupied and plays their part in the success of the mission. It is the cohesion and integration of all team members that allows this to take place with good humor and hard work. We exchange messages without pilot station via our sat-phone. Information received allows us to adjust our operating plan taking into account the differences in propagation. At the same time, we have to remain inside our

published strategy. Once per day, the log is uploaded to Clublog. This places considerable strain on our data consumption on the sat-phone but on-line logs are a must-have function for expeditions and it seems it is no longer possible not to go down this route.

As the days pass our routines and habits are almost automated. Each day we receive a visit from the gendarme who enquires about our contact total and if we have any problems for him to solve. It is good humored and his visits were always friendly and appreciated. He was always there to help out and on more than one occasion mobilized the soldiers to carry water and remove waste for re-cycling. We were happy for him to watch our activities and he was intrigued and amazed at how we could communicate with the world using only pieces of wire. One morning, we accompanied him on his daily tour of the Island. His passage checks on pollution, traces of intrusion or anything out of the ordinary which he would report to the Prefect. He would also check on the Island's turtles and count the number of tracks left by the turtles on the beach overnight. During this tour we discussed many things and it was an enjoyable way to pass the time.



The operating positions are approximately one and a half kilometers from the sleeping tent. Day and night to get from one to the other we have to pass one of the two cemeteries on the Island, and a lighthouse. Near the lighthouse on the beach is the wreck of the Kwang Myong, a 45m Korean ship which foundered in the seventies. Its hull, posed on sand is beaten by the floods with each high tide while the branches of filaos seem to swallow the prow of it. The last 500 meters are done on the beach where it is necessary for us to climb over dead trees lying on the sand. We have been allowed to use a TAAF building near the airstrip. This once housed the weather station (La Goulette) and the gendarmerie, which has since re-located to the main area. This building has toilets and two showers, fed by a tank on the roof. This allows us a little comfort. Our camp beds are set out in the main part of the building intended to lodge scientists during their missions. Rainwater is collected and stored in the tanks. In a concern of saving this invaluable resource, we make our best to collect water from the showers to use it in the toilets or for the laundry.



WK3N Sets New World Record! by Scotty, WK3N

I received this CQDX Marathon 2015 12 meter winner award today. The old world record was 272. My score 284. Thank you to the sponsor : ARAUCARIA DX GROUP! Thank you CQ Magazine and K9EL marathon manager. Thank you DX Engineering for the vast stock of needed equipment and fast shipping to keep this station running.

"WK3N never sleeps" quote by OH2BH Martti Laine

http://dokufunk.org/amateur_radio/personalities/index.php?CID=412&lang=EN



Items For Sale

Hygain T2X Tailtwister Rotor with manual and control box. Has been repaired and updated by CATS Rotor Doctor.

\$500

Kenwood TL922 Linear Amplifier with manual and new band switch and updated by Don Kessler, has pair of 3-500Z tubes, 160 through 10 meters.

\$800

Contact Dwaine, K8ME @ k8me@sbcglobal.net

Antennas For Sale

Cushcraft A3S - Three element beam for 20/15/10 meters - \$200
(Original manual included)

KD9SV design Two element trapped yagi for 17/12 meters - \$50

Both are partially disassembled.

Contact Denny @ wb8k@arrl.net

**Hams obey
Ohm's Law**

<http://www.kb6nu.com>



Meeting Information

NODXA Meetings are held the first Monday of each month at the *Gourme Family Restaurant* at 15315 Pearl Road (Rt. 42) just west of Interstate 71 and south of Rt. 82 in Strongsville at 7:30 PM. Come early and have dinner and meet your fellow DXers and enter the 50/50 raffle.

NODXA Information

NO8DX: Special Event Callsign
 W8DXA: NODXA Repeater 147.360

Web-site: <http://www.papays.com/nodxa.html>
 Newsletter Submission: wd8iou@adelphia.net

NODXA Club Officials for 2016-2017

President:	Tedd Mirgliotta, KB8NW	(440-237-2816)
V. President:	Dwaine Modock, K8ME	(440-582-3462)
Secretary:	Glenn Williams, AF8C	(440-934-5566)
Treasurer:	Mary Michaelis, N8DMM	(440-236-5426)
Newsletter:	David Autry, WD8IOU	(440-238-0417)



DXCC Info

As of March 2016, the current DXCC Entities total is: **339**.

NODXA Application and Renewal Form

The Northern Ohio DX Association is a non-profit organization with a primary interest in DXing. We encourage all DXers to join our group and share the interest and fun of DXing.

Please complete the application below and send along your appropriate dues or renewal to:

NODXA, P.O. Box 361624 , Strongsville, Ohio 44136

First Time Membership/Renewal (U.S. and DX) \$20.00

Name _____ Callsign _____
 Address _____
 City _____ State/Prov. _____
 Country _____ ZIP _____
 E-mail _____
 Telephone _____
 ARRL Member? _____ Exp. Date _____ DXCC Member? _____
 Special Interest _____

Newsletter Contributors

Thanks to the following for their contribution to this months edition: N8TR, N8DMM, K8ME, KB8NW, K8YSE, AF8C, WK3N, and F5CWU.