

July-August 2012

"Ohio's First DXCC Field Checking Club"



The NODXA RAG



Poolside Chat With KB8NW

Fellow DXers,

Here we are about half way through the summer and the bands have quieted down a bit. I would actually say that the solar activity recently has had a major impact on the HF bands. Hopefully things will pick up before the next several events.



By the time you read this, a CY9M St. Paul Island operation should be on the air (July 26th-August 6th). The next DXpedition will be the big D64K Comorro Island (August 8-21st). For you Ohio DXers, this is followed by the Ohio QSO Party (OhQP - August 25th, details at <http://www.ohqp.org>).

September should be an interesting month for Dxpeditions with activity from NH8S Swains Island (September 4-17th) and the 3D2C Conway Reef (September 24th- October 7th) operations. Oh yeah..... then there is a possibility of a CW only operation to North Korea (P5) by Rick, K6VVA.

Dates have not been announced yet. It is suggested to watch the following

Web pages for updates: <http://www.k6vva.com/p5> and <http://twitter.com/k6vva>. I will also try to keep everyone informed on the NODXA mailing list and your new Facebook page at:

<http://www.facebook.com/NorthernOhioDxAssociation>

Lastly, (I know it sounds like a broken record) did you remember to renew your membership? The club continues to be active funding DXpeditions, with the most recent: NH8S Swains Island and the V84SMD Brunei DXpedition. There will be a discussion in August to possibly help fund the 3D2C Conway Reef operation. Remember, NODXA helps "promote DX and fund DXpeditions", and that is what NODXA is about. I hope to see you at next NODXA meeting.

73 and Good DX de Tedd KB8NW

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

Due to the Labor Day Holiday, the next NODXA meeting will be on September 10, 2012. See you there!

Minutes of the June 4th, 2012 NODXA Meeting

The meeting opened at 7:30 p.m. with Tedd, KB8NW, presiding. There were 28 members and guests present. After the usual round of introductions the minutes for the meeting of May 7 were read by Glenn, AF8C. Ron K8VJG moved to accept the minutes as read, and this was seconded by Jim, KE8G. The motion passed on a vote.

Some status updates were then the topic of immediate discussion. The club's logo is now on the Swains Island site. On the topic of the CQ Hall of Fame nomination for Don Chesser, W4KVX (Silent Key), there was no discussion at the Dayton meeting. Tedd, KB8NW, circulated the plaque at to-night's meeting. The clubs involved in the original nomination were NODXA and the East Lansing group. The tower that was taken down sold for \$500.00. The rotor sold for \$150.00 at Dayton. The antenna, a TH3 MKIII is in excellent condition except for the plastic caps. The going price (\$430.00 plus S&H, and a BN86 Balun value of \$75.00) will sell for best offer.



The Boy Scout activity netted a Thank You card, and with mention of NODXA's efforts and the Polaris grant in the June QST.

Mary N8DMM listed the treasury balance as \$Ka-Ching! with the caveat that recent additional funds are not yet accounted for in that balance. We have a new member AF2C, Jay Musikar, of Palm Coast, FL. The hospitality room at Dayton had a record collection of donations due to a record attendance. Almost all the supplies were gone.

At the DX Forum the NCDXF reported on how costly Dxpeditions can actually cost. Per Gary, NI8Z, SMOT talked at Dayton. Dayton thinks the attendance was about 24,600.

In other news, Tedd has seen his HKONA cards arrive. Dave, WD8IOU, says the newsletter will be out by Field Day. He wants to put in photos from Dayton.

Old/New Business:

George, K8KR, spoke on the 706T operation which allegedly boycotted 4Z calls. We discussed that issue and many members felt it was not in the spirit of amateur radio to exclude any calls. George also thanked the club for the Ohio QSO Party plaque sponsorship. George moved, and Karl, K8BCK seconded, that the club sponsor another plaque for OQP in 2012. The motion passed. Jim, K8MR, promoted the ARRL VHF QSO party occurring June 9-10. Tedd mentioned Baldur, DJ6SI, who after DXing in 70 countries, was arrested while operating as SV5/DS6SI.

Our recent action for a contribution to the Brunei expedition was left on the table at this meeting. Club member Henry Crow, W8PXY, is getting out of ham radio and has numerous items for sale. Bruce, N8DJX, went to Dayton for discussion on changing his LUSO antenna rotor method to rotating the whole tower.

John, K8YSE, led off the standard Q&A on the planning for Field Day coming up June 23. The club may operate at 2A this year with a more relaxed activity. Bruce donated \$50.00 for Field Day expenses and Karl added in another \$25.00. The raffle was for half of \$56.00 and was won by John, K8YSE. John donated his half back to the club treasury. There were also two grab bag drawings. The first went to John, K8YSE and the second to George K8KR. The meeting closed at 8:43 p.m.

Respectfully submitted, by the Secretary, Glenn, AF8C.

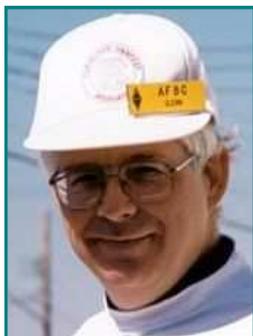
Minutes of the July 2nd, 2012 NODXA Meeting

The meeting opened at 7:30 p.m. with Tedd, KB8NW, presiding. There were 19 members and guests present. After the usual round of introductions the minutes for the meeting of June 4 were read by Glenn, AF8C. Bruce, N8DJX, moved to accept the minutes as read, and this was seconded by Gary, NI8Z. The motion passed on a vote. Mary N8DMM listed the treasury balance as \$Ka-Ching!. Ron, K8VJG moved to accept the treasurer's report as read. The motion was seconded by Dwaine, K8ME, and was passed on a voice vote.

Discussion: The repeater is good shape. Dave, WD8IOU, reported that the June newsletter was sent out in time for Field Day. Dave is seeking Field Day pictures and articles. Dave thanked the club members who provided articles for the newsletter.

Old/New Business:

Ron, K8VJG, thanked the club members who helped repair his tower and STEPPIR beam. Those members were John, K8YSE; Pete, N8TR; Mary, N8DMM; Carl, K8AV; Gary, NI8Z; Metro, W8MET; Tedd, KB8NW and Dave; WD8IOU. Pete, John, and Carl worked on the STEPPIR beam. The task involved three days of reworking parts and having a replacement motor shipped quickly. There have been some revisions to the design of the antenna's fiberglass tubing and 24 joints. A new controller box was attached and larger guy anchors were supplied by Pete. John, K8YSE, provided a bit of show-and-tell with the 30/40 tuner mechanism which also was passed around the tables for people to examine up close.



Pete, N8TR, relayed information from K8MFO that Rick, K8ZH, had a heart valve and bypass operation recently at the Cleveland Clinic. He should be almost ready to go home at this time.

For Field Day, John, K8YSE, read the resulting score numbers. The organization of the event was superb: by 2 p.m. all the equipment was ready and the crew had also been fed just before the start. Ron, K8VJG, moved that the club donate \$100.00 to the Sisters of Charity in appreciation for the club's use of their property for Field Day. This motion was seconded by Carl, K8AV, and passed on a voice vote.

Relative to DX support requests, we still have the donation to the November 13-22nd, Brunei on the table. Bruce, N8DJX, moved for a \$100.00 donation, seconded by Dave, WD8IOU, and this motion passed on a voice vote. Tedd listed a few other operations that are ongoing (1A, 13 colonies). Tedd has received a notice from David Ford, the Telecommunications and Facilities Branch Chief from the Ohio Emergency Management Agency, that the FEMC AUXCOMM would be holding training classes at the states EOC Center on September 22-23rd.

Nick, W8XD, said that AA7JB has permission for operating at St. Peter and Paul Rocks in November, 2012. They will operate on 160m. Tedd said he has sent out a notice for the news on this operation in the OPDX. Al, N8CX, reminded everyone that the summer NOARSFest will occur on July 21st, at Spitzer Center at LCCC. Tedd announced existence of a free packetcluster program for Android smartphones ("NKCCluster"). Tedd mentioned the Swains Island NH8S operation coming in September. Ron, K8VJG, added that QST has photos of the STOR DXpedition. Tedd said that he has been posting YouTube URL addresses for DXpedition videos of some recent operations in his OPDX Bulletin.

The raffle was for half of \$32.00 and the \$16.00 half was won by Dennis K8LBT. The meeting closed at 8:40 p.m.

Respectfully submitted, by the Secretary, Glenn, AF8C.

CQ Hall of Fame Plaque for Don/W4KVVX (SK)

Tedd/KB8NW (for NODXA), Tom/K8CX and Don/K8MFO (for the East Lansing DX Club and NODXA), accepting the CQ Hall of Fame plaque for Don/W4KVVX (SK) at the Dayton's HamVention SWODXA DX Dinner.



2011 Ohio QSO Party Plaque by Uli, DL2HBX

Dear board members of the Northern Ohio DX Association,

Thank you very much for sponsoring the beautiful 2011 Ohio QSO Party DX plaque. I finally received it this week with the delay being caused by a delayed business trip to Michigan of one of my VW colleagues. Having lived in W8 land for more than six years and having participated in the OhQP from Ohio and from Michigan, this plaque is a great memory of the good times my family and I had in the Midwest.

Unfortunately, I will not be able to join this weekend's contest due to an illness in the family. However, I hope to join the fun next year again from across the pond chasing counties and mobile stations.

To your club member Joe, W8GEX who I met at Friedrichshafen, I wish all the best for the upcoming NH8S expedition. I still need it for an all-time new one and I hope to make a QSO from my little pistol station (100W, R7000 vertical @ 15ft). If I receive a card from VU7M (I had a good QSO on 40), a QSO with NH8S would get me within 4 DXCCs from Honor Roll. A small donation for the endeavor has gone out tonight.

73 es tnx! Uli, DL2HBX (KK8I)



Memoirs of Pierre D. Tromp ZS8M

The joke amongst my family and friends is that my wife, Louise ZS1ONI, was instrumental in getting me out the house for a year, as it was a sign of something wrong in my marriage. When, it wasn't like that at all. Being deployed to either Gough or Marion Islands was a passion from as far back as 1986.

Responding to an advert placed by the Dept. of Environmental Affairs in the Sunday Times, I applied for the position of Radio Technician for Gough Island. They told me they would prefer to have me take the position up on Marion Island as my commercial and military HF radio training and experience would be of better use.

I attended fire fighting, first aid and cooking classes with my new team members in March 2010, thereafter boarding the world famous SA Agulhas on 8 April 2010 bound for Marion Island. I would be the radio technician for the 67th Over Wintering Team 2010 / 2011 as well as be operating ZS8M for the next year.



The team consisted of 18 team members; medic, diesel mechanic, radio technician, three weather observers, two geologists, four seal experts, three bird experts, one engineer from HMO (now called the SA Space Agency), a gogga expert and a mouse expert. We gained a base engineer in November 2010 when we migrated to the new base, expanding our team now to 19.

I need to give credit to a fantastic team, successfully led by our Medic and Team Leader Simon Avis and Deputy Team Leader and Diesel Mechanic Vincent Rademeyer for a job well done.

Some of these positions might raise an eye brow, but for interest sake the mouse expert is part of an intense program to gather information on the mice that have become a major problem on the island. The gogga (insects and bugs) expert was investigating the relationship of a certain insect that lives inside the Kerguelen Cabbage.

The trip to Marion was interesting, with lots of sea sickness and parties. On the second day into our trip one of the two engines packed up. Management decided to continue the trip and placed a tug on standby just in case we needed help. Luckily the remaining engine performed well and the ship returned to Cape Town 6 weeks later without incident. On the morning of the sixth day we awoke to the beautiful sight of Marion Island and penguins flying through the waves next to the ship.

For the next 4 weeks we were all involved in the massive logistical exercise of restocking the base with food, diesel, spares, medical supplies, etc. We also restocked the 9 over night huts that dotted the island. These huts are used by the field assistants and scientific staff while working away from the base.

We occupied the old base for the first six months before moving into the new base. The old base has served many over wintering teams for a number of years, but sadly has served her time and needed to be replaced with a new high tech base that can serve the new requirements for the next 30 or so

years.

The SA Agulhas returned to Marion Island in September with a 60 man construction and maintenance team from the National Dept. of Public Works (NDPW). The ship dropped them off with all their equipment and then returned to Cape Town. The NDPW team stayed until the middle of November before returning to Cape Town. Their task was to complete the new base which had been under construction for the last 5 or 6 years. Our team moved into the new base on 1 November 2010. The new base is a truly high tech base with laboratories, medical facilities, accommodation, workshops, etc. for 110 people and kitchen facilities to support such a massive expedition. There is even a helicopter base that can safely house two helicopters inside a hanger, as well as all the crew and maintenance personal. This helicopter base also doubles up as the emergency base if the new base is compromised in any way. It is also equipped with a commercial HF radio, medical and accommodation facilities.

The main activities that take place on Marion Island are none other than weather observation, mammal and bird sciences. Other activities include upper atmosphere monitoring by HMO, geophysical



sciences, as well as other disciplines funded by various universities from time to time.

Due to my extensive military and commercial HF training and experience, one of my main tasks was to replace and upgrade the existing HF radio system on the island. There are eight over night huts dotted around the coast which provide accommodation and shelter to the team members while on their work assignment. The ninth hut is located inland and is situated near the top of one the highest peaks. This is connected via a VHF radio back to the base. The coastal huts are linked to the base via HF. Sadly the DEA has appointed technicians who have little or no HF experience at all. In their defense, I must also add that radio technicians of today are either not trained in HF or are have virtually no experience in HF. So, the HF dilemma continued on the island with the blind leading the blind throughout the years. The existing HF system was literally on its last legs. The radios that were in use were Racal TR-48 man-pack HF radio. These have been withdrawn and replaced with modern commercial radios. Most of the problem lay with decent antennas, leadership and management from DEA side. When I was appointed it seems as if management was able to secure the correct funds and there was a new willingness to rectify the problems.

I settled for the Icom F7000 commercial radio and the Radiant Broadgun HF antenna. The lowest frequency on the standard Broadgun is 2.5MHz, but I was able to have the antenna modified by the manufacture and have the frequency extended all the way down to 1.8MHz. DEA use a selection of frequencies from 2 to 24MHz. The Broadgun was also upgraded to with stand higher wind speeds.

The radios were installed in plastic tote bins, complete with two 50Ahr batteries and a solar regulator. The batteries are charged via two 80 Watt solar panels and there is a Honda generator that can charge the batteries, as well as provide lighting to the hut when required.

Radio scheds are held twice a day to ensure that the external team members are safe, as well as to supply them with weather info.

I also maintained regular radio sheds with Cape Town Radio and the SA Air Force Radio Room at

Silvermine. All telephone and data is carried via a satellite link to the offices of DEA, however it is also prone to interference from the weather. The Cape Town Radio HF link proved vital in re-establishing and resetting the satellite link.

We actually lost the services of the satellite link between Xmas and New Year, which gave me extra pleasure in passing messages via Cape Town Radio. Numerous radio amateurs also stood by and passed the odd message to the authorities when Cape Town Radio was unable or too busy to carry my traffic.

Apart from maintaining all the electronic communications on the island, which included the HF network, satellite link, computer network and audio visual system, I also had the opportunity to play radio. As you might be aware, Marion Island was rated as the 3rd most wanted country on the DXCC list in 2010.

The daunting task fell on my lap to be more popular than Osama Bin Laden! I was hunted on the bands day and night.

The call sign requested from ICASA was ZS8M and I also registered my Dxpediton with the DXCC desk in the USA. Approval was giving around about July 2010, so Marion Island was now legal and could be added to your DXCC approval.

Operating DX as a hunted call sign can be extremely daunting and frightening. Listening to some 100 hams all calling and trying to work ZS8 can be very intimidating, especially when you have no control over the frequency, but I learnt very quickly to master the art of DX. I have to give thanks to JE1LET Masa and KH6CG Stan, to name just two DXers who were able to help me via Skype and guide me. OM Masa would arrange the JA DXers for me in the afternoon and then hand over the frequency while I worked about 100 JA call signs in an afternoon. The JA operators are notorious for being the most professional and polity operators in the world, so believe me when I tell you this; they were a



pleasure to operate.

Other operators I would like to credit for their help and support are ZS1FH, ZS1LS, ZS1A, ZS1LF / ZD9GI, V51B, ZS1DDK, ZS3Y, SQ8X, ZS2CC, ZS2CX, RA3CQ, ZS6A, ZS6BUU, ZS4BS, NE8Z, ZS6P, N3DG, ZS6HA, NOUN, ZS1SR, ZS1L, ZS1SAM, ZS6WB, G3SVD, EB5BBM, EB7DX, MMONDX, W3UR, JH1AJT, ZS4S, CT1EEB, C91IW, JF2MBF, 7K4DHB, K8UT, K3FGO, N4AA, N4BAA, NC1L, PE1NCP, DJ9ZB, DL9USA, EA5BZ, EA8AK, F8ATM, F8DHE, GI4FUM, IZ8MAX, N1DG, VE7BZ, VE3LYC, VE7WEB, VK3MO, VK7XX, VK7ZE, W4SO, WA2HMM, WA3SKQ, W3DF, WK3N, WX5L, ZL4PW. The above list, and I am sure I might have missed someone, helped in some or other way to make the Dxpediton a memorable experience. Thanks!

My QSL Manager is ZS1X Dirk, who in my opinion did and still does a fantastic job. Thanks to SteppIR, Icom (Multisource in South Africa) and Tigertronics for their kind assistance and support.

I was only allowed to use the local broadband HF antenna at the base: no Yagi or additional dipoles were allowed to be installed. I was also not allowed to the IC-736 or the FL-7000 amp as I had to supply and use my own equipment. In fact, I sold the Dept. this equipment in 1996. My equipment included an Icom IC-7000 and IC-7200. The IC-7000 was used mostly for digital modes.

One of my friends and former SA Air Force colleagues, John ZS1LF, applied and was accepted for Gough Island. Johan arrived on Gough Island about 4 months after I arrived on Marion Island. He operated as ZD9GI. John was the radio technician and team leader. Johan and I also made contact via AO-51, a first between these two islands.

Operating from Marion Island was an awesome experience. The DX bug has bitten me hard. Sadly quite a few EU operators black listed themselves after I expressly requested that they stop QRMing the frequency. I also identified a few QSL scams as well.

It seems that those hams who couldn't speak English would ask a friendly ham to 'pirate' their call sign on their behalf and secure the QSO so that they can claim the QSL card. Some of the scamsters admitted this scam to me via email after I confronted them. Sadly they blacklisted themselves.

Some of these blacklisted operators then put up a massive fight via email demanding that I remove



them from the list. I even had an Italian threaten to have me arrested by Interpol. I am still waiting!

I follow and practice the DX Code. Those who behave badly have no respect for their fellow DXers and should be blacklisted.

To my advantage I was able to collude with various non-QRMing operators via Skype and quickly QSY to a quiet frequency and conclude the required QSO's before the unruly QRMers arrived. Once they arrived I would Skype the group I was busy with to QSY to another frequency.

The Italian operators were the most aggressive, causing an intense QRM barrier that was so intense that many DXers from EU countries were blocked out. For the record, there are many Italian operators who were and remain professional operators, but the majority remain a problem. I do not rule out some operators from Russia and some from the former USSR countries. However, I was able to successfully dodge these bad operators and still log those you deserved to end up in my log. I received many emails from numerous DXers complaining and condemning the QRMers. All I can say is that they need to look at themselves and rectify their operating style as they are placing a serve strain on the entire DX community. In my mind bad operating practices have nothing to do with culture, just bad manners and disrespect for others. It is high time the international community do something about this, or our hobby will struggle to recover from being tarnished as a bunch of bad mannered old men. I even witnessed verbal abuse between different cultural groups like you could only expect from sailors when frustrations boiled over due to bad behavior from certain EU operators.

Over and above this, operating DX for the island was exciting. I made many friends, also receiving many emails with request for a contact. The greatest contact was from a 75 year old OM requesting a contact as ZS8 was his last required contact for his DXCC certificate. He had been waiting for 25 years for ZS8. Well, I can tell you that we arranged a 20m contact for the next day and successfully made the contact. I received a very emotional thank you via email.

I really enjoyed 40m DXing in the early mornings working into North and South America. My thanks go to ZS3D Danie for setting the standard and coaching me in the beginning.

There were times when I wasn't able to operate, like when the construction team was on the island. I also tried to keep a healthy balance between work and operating during quite periods and after work hours.

Considering the type of antenna I was allowed to use (a commercial broadband 6ALJ6), as well as the state of propagation, I was extremely lucky to be able to have worked all the stations I did, logging some 8500. Propagation made operating extremely difficult most of the time. No new antennas or any form of a Yagi was permitted as the island is bird friendly and any form of killing or damaging birds is prohibited.

I also marveled at the digital modes, being able to work to the other side of the world on 10 watts PSK-31 was a real eye opener. There is an entire SSB, digital and CW community amongst our amateur radio community, let alone DX hunting and competition fanatics.

With South Africa being situated at the bottom of Africa, coupled to the largest amateur radio community in Africa, we certainly have a role to play in the international community.

We had two bad emergency situations when two separate team members did not report in at the required radio sched times. When this happens, certain reactions kick in and the members in base become aware of a pending emergency. The first incident was when a team member misjudged his timing and distance while walking from one hut to the other, only arriving at the hut way past midnight. He only reported in the following morning. By then the remaining team members at the base and members close the emergency area were ready to deploy and search for our friend. Luckily he was safe and unhurt. The second incident was when a member could not get the old TR-48 to switch on and then missed a radio sched. Luckily we were able to get a search team into the area quickly enough. The problem was



thought to be flat batteries as we had experience many days of severe cloud cover.

I do come from a very strong HAMNET background. When these incidences happened, my training and experience kicked in and I was able to take the lead and help with planning and the execution of the search plan. This is no ordinary search and rescue as we only have radio contact with the huts when someone is actually at the huts. There is neither a repeater network nor cell phone network, only HF at the huts. Planning and clear communications between everyone is vital. If someone is injured and has to be evacuated, it's the hard way. The patient needs to be carried back to the base. The terrain is wet, uneven, rocky, etc. Safety is vital and radio communications is your only life line, hence the dedicated radio sched times.

There is no fashion on Marion Island. As you may notice, big beards are the norm. There are two reasons for not shaving; beards serve to keep the cold winds off your face and lastly, it is rumored that before the days of emails returning islanders took great joy in seeing their loved walk right past them as they were unrecognizable.

Sadly, time came for me to stop operating as the new team arrived in April 2011. The base became over full once again and we had other tasks like help restock the base with food, diesel, etc.

The new team took over once we departed. Sadly two radio amateurs were on the island after me, but none were interested in the hobby.

We returned to Cape Town on 15 May 2011.

Keeping QSLing ALIVE By James Scott, WK3N

Be it a single card or an envelope full of QSL's, I am still as excited as I was when the very first DX qsl arrived in my mailbox over 30 years ago. That PJ8UQ card has adorned my shack wall ever since. I still love walking to my mailbox with anticipation of what QSL may await me. Each card really tells a story about a point in time when two individuals met via only the airways to become friends and exchange ideas, information and comparisons of customs.

The photo QSL takes it a step further. For example, the J5V card just received, shows a pan of rice and veggies being scooped up to eat. But only with the use of their hands was it to be eaten. Some cards project the beauty of the operators country. Mountains and streams adorn many. JA's QSLs often have this wonderful trait to project the flora and fauna of their country. Others may chosen to have pictures of their workplace, perhaps a brag photo there kids, group photos, their cars, truck and motorcycles. Others put their pets to task as hams of another kind. (I am a sucker of a cute kid or puppy) How could one not want to see QSL's ?

It's no wonder the LOTW has not became the mainstay way of QSLing. Could it be many perceive the savings in price is not worth holding in ones hand a record on what they did at one point in time in their own personal amateur radio history ? YES, IT'S THAT PERSONALIZATION THAT IS KEEPING THE QSLing TRADITION ALIVE .

On Monday August 6, 2012, 7 bureau envelopes arrived. Each had a 98 cent stamp that I previously affixed. It was quite an interesting stack of QSL's:

- total QSL's 156
- total countries 46
- total IOTA cards 21
- total SWL cards 3
- total 6 meters 4
- total mine returned 3





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 2012-2013

President:	Tedd Mirgliotta, KB8NW	(440-237-2816)
V. President:	Dwaine Modock, K8ME	(440-582-3462)
Secretary:	Glenn Williams, AF8C	(216-221-3682)
Treasurer:	Mary Michaelis, N8DMM	(440-236-5426)
Newsletter:	David Autry, WD8IOU	(440-238-0417)



DXCC Info

As of July 2011, the current DXCC Entities total is: **341.**

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, KB8NW, N8CX, K8YSE, AF8C, DL2HBX, ZS8M, and WK3N.