

October-November-December 2017

"Ohio's First DXCC Field Checking Club"



The NODXA RAG



Fireside Chat With KB8NW

Fellow DXers,

The year 2017 is ending quickly, and I would have to say I am glad to see it go. This has not been an enjoyable year all around. I have lost four amateur radio friends, one family member and an unexpected surgery in Tennessee while visiting my grandkids and daughter. Two of the Silent Keys were current NODXA club members (Dwayne Modock/K8ME and Karl Gruber/K8BCK). The other two Silent Keys were past NODXA member Bob Turek/KN8AI (ex-K8AAI), and a friend that got me interested in amateur radio John Wasiloff/AD8G. I will miss all four of them, especially K8ME who was NODXA's Vice President for (almost) as many years as I have been President.



The family member I lost was father-in-law, Ed Shetty, which was too quick and unexpected. The surgery I had caught everyone by surprise, and I wouldn't wish it on anybody. Enough said about 2017, and I hope 2018 is better.

Some good news about 2017 was the ARRL Field Day Results, and NODXA did exceptionally well in both the 2A all-around and Great Lakes Division. Hopefully, NODXA's Newsletter Editor/FD Chairman will post the results somewhere in the newsletter.

As far as DXpeditions go, NODXA has donated \$1800 to 8 DXpeditions so far this year and for 2018. Operations that NODXA donated to and look forward to in 2018 are 3B6 St. Brandon Island (April), 3Y0Z Bouvet Island (late January/early February) and KH1 Baker Island (June). Let's hope propagation will be good for these operations.

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.

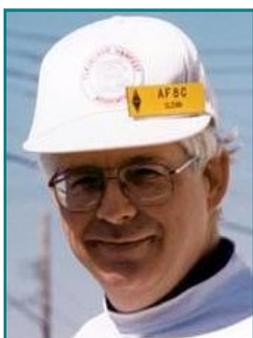
73 and Good DX, de Tedd KB8NW

P.S. If you have not done it yet, it is time to renew your club membership. This helps NODXA with big expenditures (Dayton Hospitality purchases, Field Day, donations to DXpeditions...etc.)

Minutes of the August 7th, 2017 NODXA Meeting

President Tedd, KB8NW, opened the meeting at 7:30 p.m., with 18 members and guests present. Following that we recited the Pledge of Allegiance. Next the secretary read the minutes for the meeting of July 3, 2017. Bruce, N8DJX, moved and Gary, NI8Z, seconded to approve those minutes as corrected, and they were approved by vote. Then Treasurer Mary, N8DMM, reported that the treasury balance was \$Ka-Ching! She noted that membership is steady and dues are due. Dave, WD8IOU, moved and Brian, K3USC, seconded to approve her treasurer's report and it was approved by vote. The repeater was reported as being OK. Editor Dave, WD8IOU, reports he is working on the next newsletter. Tedd has sent Dave photos of the DXEngineering visit and the K3LR antenna farm tour. He also has photos of the K8BCK tower takedown.

Old/New Business:



The update on Field Day was provided by Dave, WD8IOU. The final score was 9944 while we hoped for 10,000. There were 8494 QSO points and 1450 bonus points. There were 1387 QSOs on CW and 1473 on SSB. For satellite there were 20 QSOs with 7 dupes. On 6m we had 17 Qs on CW and 7 on SSB. Food: Mary just got the receipts for \$90.00. Dave, WD8IOU, listed the sources of those costs. The club applauded Dave's leadership of Field Day. For Field Day Bruce, N8DJX, bought a new gas tank for the generator. The generator repairs cost \$268.00. Denny, WB8K, has Brian's black chair.

Tedd is already receiving cards from Field Day. John, K8YSE, created a QSL card design that was sent to VistaPrint. A sample was passed around to the group for viewing. John, K8YSE, discussed the history of VistaPrint's charges, and how this card has created and received in just 4 days. John discussed the "standard" QSL card dimensions, which become 1677 x 1300 pixels for the emailed design.

Brian, K3USC, reported we now have 582 friends on FaceBook. Tedd said that DXE day had 14-15 members attending. There were coffee, donuts and a goody bag for each attendee. The DX luncheon had about 17 people. At that event two gift cards were presented by Tim, K3LR. The winners were Dennis, K8LBT, and John, K8AJS. Tedd discussed DXE's second floor and antenna triplexers. A history of NO8D's business startup was provided.

Regarding the K8ME and K8BCK estates: Dwaine's items are all out of the house. Some of the items were sold at the NOARSfest. Dennis Modock is still owed money for the sale of 4 items. For Karl's estate, equipment is out of the house. The tower is down and gone, but the tower base is still there. Pete, N8TR, will remove the tower base. Karl's collection of QSL cards will be reviewed by Rick, K8ZH, when the cards are available. Still to be tested (by Pete, N8TR) are an FT2000, AL82, AL80B with an issue, SB220, SB221. Dwaine's TailTwister rotor is still available.

Mary got a nice thank you note from St. Augustine's. Tedd reminded us that Saturday August 26 is the day of the Ohio QSO Party. Jim, K8MR, is still looking for a 12 hour driver for his rover car in the QSO Party. There are no new funding requests this month. John, K8YSE, said that the domain registration for NODXA.org was renewed for another year. Bob, K8BL, is a VUCC card checker but he is busy. So John got Goose, W8AV, to check VUCC at the Cleveland Hamfest.

Brian's photos from Field Day are on FaceBook. John, K8YSE, discussed having some QSL cards checked at the home QTH of Goose, W8AV. Please contact him to make an appointment to get your cards checked so that he can plan accordingly for your visit.

Wrapup:

Bruce, N8DJX, moved, and Denny, WB8K, seconded that the meeting be closed, and the motion

was passed on the vote. The next meeting will occur on September 11, 2017. The 50/50 raffle drawing was won by Nick, W8XD, who donated his half of \$34.00 back to the club. A door prize hat supplied by Gary, NI8Z, was in the drawing for a door prize. That was won by Dave, WD8IOU. The meeting closed at approximately 8:37 p.m.

Respectfully, Glenn, AF8C, Secretary

Minutes of the September 11th, 2017 NODXA Meeting

President Tedd, KB8NW, opened the meeting at 7:30 p.m., with 21 members and guests present. Following that we recited the Pledge of Allegiance. Next the secretary read the minutes for the meeting of August 7, 2017. Bruce, N8DJX, moved and Ron, K8VJG, seconded to approve those minutes as corrected, and they were approved by vote. Then Treasurer Mary, N8DMM, reported that the treasury balance was \$Ka-Ching! Brian, K3USC, moved and Gary, NI8Z, seconded to approve her treasurer's report and it was approved by vote.

Tedd then discussed the progress of the sale of items from the estates. There are four items from K8ME - (IC3000 transceiver, SWR analyzer, MFJ Keyer, 6m tuner) to be sold for Dennis Modock. Pete, N8TR, said Karl's keyer paddles have been sold. K8ME's TailTwister rotor, and an older one, and the FT2000 with a 40/80 preselector box are still available. Remaining is an old Kenwood TS820 with VFO. The SB220 will go with Rick, K8ZH, to Connecticut to a person who modifies SB220's for 6m use. The SB221 will remain. George, K8KR, mentioned converting his own SB220 to 6m the same time as Karl did. Including a new rotary switch. Karl likely did not actually use it on 20m where a switch problem occurred. Karl's Ameritron AL82 uses 3-500Z tubes. The Ameritron 82 is still available. Tedd has the Heath 20/60 tuner and VHF/UHF antenna. Karl's old Heathkit gear (which looks like Collins S-line) is still on the list.

On the topic of the repeater, it is still OK. For the newsletter, Dave, WD8IOU, got the new one out late last night. That issue contains lots of pictures. He is doing a multipart DXpedition story in more than one newsletter. From Field Day or other events, Dave could use photos or CDs of photos. But Dave does not want low-res images that were extracted from FaceBook.

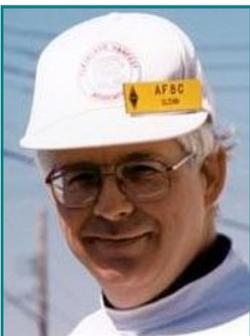
Old/New Business:

W8BG was the driver for Jim, K8MR, in the Ohio QSO Party. Jim used N1MM for logging. One of Jim's QSOs was on 75m with Dennis, K8LBT. The club is sponsoring the DX plaque for OQP. Dave, WD8IOU, moved and Bruce, N8DJX seconded, to fund the 2017 plaque for \$85.00 plus shipping, and also another \$85.00 for a similar plaque for 2018. This motion passed on the vote.

Gary, NI8Z, said that Metro, W8MET, and Linda, N8LRS, will be on the air doing the K8MIA/8 Special Event operation starting Wednesday for about a week. Nelson, K8DJC, asked if the K8AZ packet cluster is down. [I don't remember hearing any answer to that.] Joe, N8QXC, has received a QSO card from the Eclipse QSO Party. The card came in an envelope with a US Commemorative stamp that is heat sensitive, showing the moon's craters when you warm the stamp up with a finger.

Tedd discussed our donation to S21. Nelson and K8MFO requested cards. Tedd got a certificate and a 35 minute video DVD from the S21 group as thanks. On August 18 the ARRL released new plaque designs for Honor Roll and Top for sale.

The club has reserved 3 tables at the Cleveland Hamfest. Pete, N8TR, discussed the Cuyahoga Falls Hamfest, where for \$5.00 you get two spaces, one for the car



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

and one to sell on. The fall CQ WW Luncheon will be on November 1. K8MFO may host a CQWDXCW luncheon at the end of November. Tedd will email news on those gatherings. There might be an H40 operation. Rick, K8ZH, asked if VU2SM really does QSL.

Tedd mentioned Malware Bytes and Windows 10 problems. N8TR, WD8IOU, and KZ8Y all had stories in those regards. Some discussion of Classic Shell for Windows 10 occurred. Denny, WB8K, has 325 feet of 7/8 inch Heliac for sale, along with some connectors for that size. Wayne, K8FF, discussed how the solar flux has suddenly hit highs around 200.

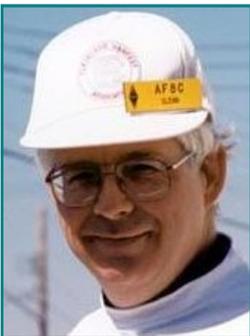
Wrapup:

Ron, K8VJG, moved, and Brian, K3USC, seconded that the meeting be closed, and the motion was passed on the vote. The next meeting will occur on October 2, 2017. The 50/50 raffle drawing was won by Joe, WB8TRW, who took his half of \$40.00. Door prizes were donated by Joe, N8QXC. John, K8YSE won a magnetic ashtray. Nelson, K8DJC, and Ron, K8VJG both won \$20 coupons from DX Engineering. The meeting closed at 8:33 p.m.

Respectfully, Glenn, AF8C, Secretary

Minutes of the October 2nd, 2017 NODXA Meeting

Vice President Dennis, K8LBT, opened the meeting at 7:30 p.m., with 21 members and guests present. Following that we recited the Pledge of Allegiance. Next the secretary read the minutes for the meeting of September 11, 2017. Bruce, N8DJX, moved and Gary, NI8Z, seconded to approve those minutes as corrected, and they were approved by vote. Then Treasurer Mary, N8DMM, reported that the treasury balance was \$Ka-Ching! Dave, WD8IOU, moved and Bruce, N8DJX, seconded to approve her treasurer's report and it was approved by vote. Mary reported that the club cleared \$360.00 in sales at the Cleveland Hamfest. All the big value items are still available for sale. The repeater was reported as being OK. Dave, WD8IOU, has started the next newsletter. He always can use photographs from club activities including the Cleveland Hamfest. Dave also questioned whether the Channel 5 video footage taken of our table ever made it to the evening news.



Old/New Business:

Linda, N8LRS, operated the MIA special event call sign K8MIA/8 with Metro, W8MET, logging. She reports the QSL cards will be nice. She worked 45 states and 4 countries on the 40m SSB frequency, with 434 QSOs logged. Pete, N8TR, said the old Heathkit items were sold at the Cleveland Hamfest. He said Rick, K8ZH, who took the SB220 east for the 6m rework task, also took along the SB221 to be sold to the person for use as spare parts. The MFJ tuner and the Alpha-Delta antenna were also sold at the Hamfest. We still have the big items, the two transceivers, the big amplifier, the TailTwister rotor, and the FT2000 with 40/80 preselector. Dennis, K8LBT, is now saying that Dennis Modock has decided the club can keep all funds from the sale of Dwaine's equipment. Mary said that at hamfests, no item is too small to sell.

Dennis reported that the CQWDXCW luncheon will occur either on November 1 or on October 25, depending on the start of remodeling of the restaurant. For DXpedition news, Dennis announced that a group of 9 is going to operate VK9MA, Mellish Reef, during November 3-16. They are seeking donations. They will have four stations up, for the 13 days. They are ranked 28 in the most wanted lists. N7QT is the leader. Bruce, N8DJX, moved and John, K8YSE, seconded to donate \$250 to that activity. This motion was passed on the vote.

A second donation request was for St. Brandon, 3B7, during April 10-24, 2018. Bruce, N8DJX, moved and Ron, K8VJG, seconded to donate \$200 to that activity. That motion passed on the vote.

John, K8YSE, said that for the first time ever as IOTA EU-190, Victoria Island, will be up as RI1F for two days during 4-11 October, 2017 after the group arrives. They will ride in a 3 meter by 20 meter water craft enroute, with tracking shown on APRS. [A photograph of their boat is on <https://dxnews.com/ri1f/> at the time these minutes were prepared.]

Wrapup:

Dave, WD8IOU, moved, and Linda, N8LRS, seconded that the meeting be closed, and the motion was passed on the vote. The next meeting will occur on November 6, 2017. The 50/50 raffle drawing was won by John, K8YSE, who donated his half of \$30.00 back to the club. The meeting closed at 8:05 p.m.

Respectfully, Glenn, AF8C, Secretary

Field Day 2017 Results by Tedd, KB8NW

The 2017 ARRL Field Day Results are in. NODXA was listed as follows.

Rank	Number Participating	All/State/Division/Category
51 (48)	2696 (2965)	Overall -- All Category
7 (8)	376 (389)	Overall -- 2A
4 (4)	272 (250)	Overall -- G. L. Division -- All Category
1 (1)	29 (25)	Great Lakes Division -- 2A
4 (4)	142 (122)	Overall -- Ohio -- All Category
1 (1)	16 (15)	Ohio -- 2A

Number in parentheses are from 2016 results. The complete list of results can be viewed at: http://www.arrl.org/results-database?event_id=91339&ofst=25&ofst=50&ofst=0



Goodbye K8ME by Nick Wislocki , W8XD

Editor's note: Nick sent me this article back in April but it got "lost" in my overflowing inbox. I apologize for the delay in it's publication.

Like all of you I was deeply sad to learn of Dwaine's untimely passing. I will miss hearing him pounding the brass in the middle of the night chasing DX on the low bands. He lived very close by but we rarely interfered with each other as we often crossed paths on the bands. He was often a night owl.

Once or twice a year Dwaine and I had the pleasure of making a day long road trip to visit our mutual good friend Scotty WK3N in western Pennsylvania. Our day would start with Dwaine promptly picking me up around 7:30 AM for the almost 2 hour trip. It never seemed that long as we talked ham radio and politics the whole way. There was always a customary stop at McDonald's in Chesterland for coffee along the way. Once we crossed the causeway over Pymatuning Lake we would meet Scotty at the Little Bit restaurant near the edge of the lake on the PA side and get together for a nice breakfast. Scotty knew the locals and the place had a homey small town atmosphere that we always enjoyed. On some of the later trips we went to another place a little farther in.



We would spend a whole day with Scotty in his neat radio haven upstairs in his house. How we could talk for hours amazes me but the three of us did. We had so many laughs and stories about growing up in the Cleveland area. We had so many common experiences although I never knew either of them then. Scotty would show us his latest radio gadgets too. We always topped off our visit with some of Scotty's trusty snacks of sausage and cheese combo on small breads which Dwaine and I enjoyed. I know that Dwaine also visited on his own a few times and went fishing with Scotty which is one of WK3N's other passions. Scotty nicknamed Dwaine the "Big Viking" and he even managed to find a 'VIKING HAT" which he bestowed on him on one of our visits. Our day would usually finish around for 4 or 5 o'clock and we would make the long trek home. It was a great ritual for the 3 of us and we will miss the warm camaraderie with Dwaine.

As John mentioned in his tribute last month K8ME did so many valuable things for the club over the years supporting Field Day, serving as club officer and promoting other activities like the DXCC patches and Dayton Bus trips.



It was hard for me get over the loss of one of my other close NODXA friends "Radio Ray". I am grateful to have had Dwaine as a good friend and the loss will undoubtedly leave a void for a long time as well. RIP Big Viking

Nick, W8XD

K8VJG Antenna Party Successful by John Papay , K8YSE

There was an antenna work party yesterday (11/8) at K8VJG to get Ron's antenna repaired after being down for quite a long time. Rick K8ZH, Denny WB8K, Mary N8DMM, Pete N8ATR and John K8YSE spent most of the day working on it. In the end, success!



Rick K8ZH spent hours on the tower. He replaced the jumper from the StepIR antenna to the mainline coax. That didn't fix the problem although the jumper was kinked at the antenna and the control cable and antenna coax were not strapped together.

The last time the antenna was worked on, it was to repair the coax and the control cable which had been ripped apart due to the antenna free wheeling. At that time the coax running down the tower was ripped apart at the shield and apparently the center conductor and dielectric was pulled up the tower from the N connector junction on the strand about 30' away from the tower leading into the house. The center pin of the N connector was pulled back about 1/4" and that

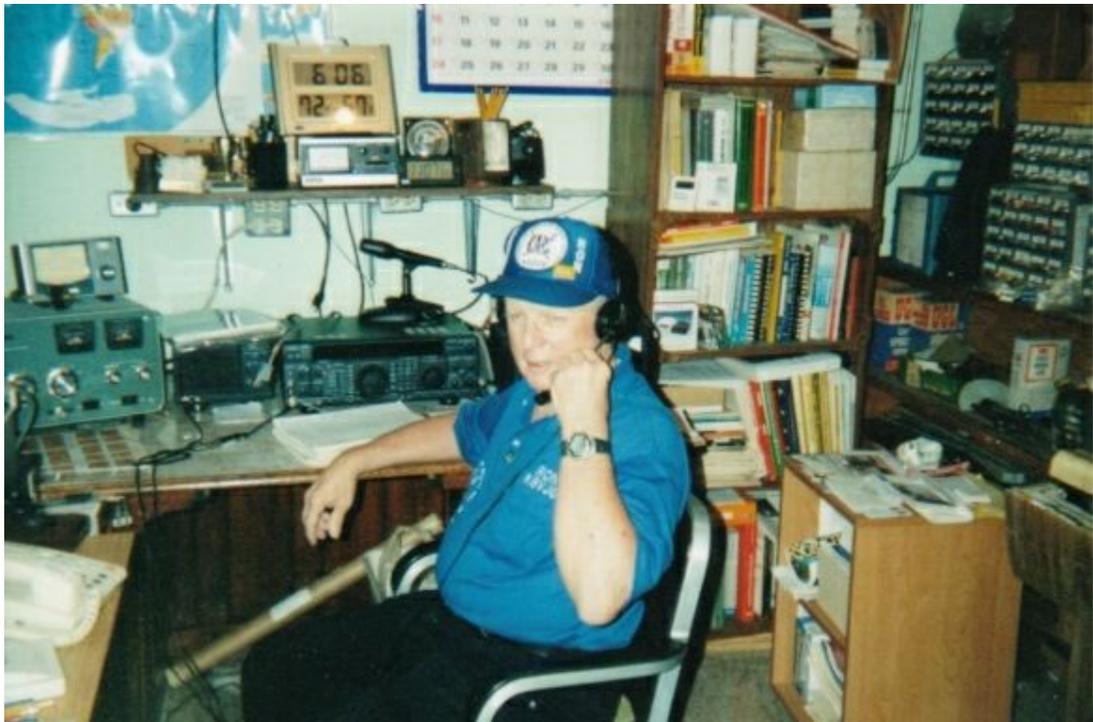
opened the coax.

The system worked after the previous repair but not for long. The connection was likely just making it at that time and finally separated causing the coax to go open.

Pete and Denny worked on a new piece of cable that would run from the pigtail at the top of the tower to the connection on the strand. The cable was hoisted up the tower and Rick connected it and removed the old coax on the way down. A new N connector was installed on the end of the new coax and connected to the N female on the cable going into the house. The system was tested on 20m with a 1:1 SWR. Ron was back in business.

It wasn't a bad day but cold at times when there was no sun. Rick was pretty cold when he finally got down off the tower. I don't know how he stayed up there that long.

Thanks to everyone who helped get Ron back on the air. He is very appreciative of the effort.



S21 DXpedition, March 14-26 2017 by Yuris, YUL2GM

1. Acquiring the license

In the end of 2016 I received question from previous DXpedition EP2A members - what are the plans for next DXpedition?

At that time I already had some ideas on where to go next and one of those options was Bangladesh, Nr.56 in the most wanted DX list. After doing some research on how to acquire license, I submitted first request for license on 6th of January.

Three weeks passed and there was no response so I called them by phone and it turned out that they never received my papers. We talked and I decided to visit them in person

a week later to discuss and receive the license.

Together with xyl Zigrida we planned our trip and flew to Dhaka. For the possible QTH I had in mind to look for a place near Kuakata in the South of Bangladesh. It had to be outside the city to have less radio interference and more space for building antennas. I also wanted it to be close to the sea. The plan was to travel from Dhaka to Kuakata by a rented car, but after realizing the different traffic culture, we quickly changed our minds and used public transportation.

On the first evening of our travel we met with Syed S21ED and Anup S21TV in Dhaka. Syed offered to be our guide during our stay in Bangladesh. First thing next morning we visited the Bangladesh Telecommunication Regulatory Commission (BTRC) and met with the officials to discuss and hand in documents for license. I asked for callsign with one letter suffix, however all of them were taken. Also I got informed about special regulations that foreign operators can receive callsign only for 7 days and this is the reason why we had to operate with two callsigns. You can get license for a longer time, but it has to be arranged through embassy and it takes much time. We scheduled our next meeting after five days to find out what callsigns could be assigned.

Next morning we sailed with a small ferry from Dhaka to Barisal and from there drove by bus to Kuakata - the city called Kingdom of the Oceans Daughter. We visited our planned QTH - hotel with small cottages and big field next to them for antennas and the sea just couple hundred meters away. Bangladesh has a lot of natural historic beauties and one of them is The Bay of Bengal which is situated in the south of Bangladesh with many beautiful sea beaches, e.g. Cox's Bazar sea beach, Kuakata sea beach, Patenga Sea beach and many more. You will be entertained to see the white sandy beaches and blue sky, the



First meeting - Me Yuris YL2GM, XYL Zigrida, Syed S21ED and Anup S21TV



Meeting with BTRC representatives

sunrise and sunset looks unbelievable. The next must visit place in Bangladesh is Sundarbans forest - the largest mangrove forest with one of the biggest wildlife in the World.

After four days travel we returned to capital city Dhaka and right away visited BTRC, where I received vocal confirmation about two callsigns S21GM and S21KW and that the written form (license) will be issued only 2 days before operation. We also discussed the matters regarding equipment.

Just two weeks after our first publication about DXpedition I received email from BTRC, stating that we won't be able to use previously desired callsigns because foreign amateurs can only get callsigns with three letter suffixes starting with letter Z.



2. The Team



From left side: Oleg U57UX, Igor UT5UJO, Dimitry UT7UJ, Sasha UT7UV, Anup S21TV, Syed S21ED, Yuris YL2GM, Ingus YL2TW and Kaspars YL3AIW.

The most important and complicated task for organizing expeditions is completing the team. This time we had some new members: Kaspars YL3AIW, Ingus YL2TW and Igor UT5UJO. Unfortunately, because of health issues we had to go without Larry YL3CW and Andrey UX1UF could not join us because of work.

3. Equipment and antennas

Three weeks before DXpedition I flew to Kiev and met with Ukrainian team members. We discussed expedition equipment, antennas and other matters.

I also met with local Hams, where I had the opportunity to talk about our previous DXpedition EP2A and our next project S21. After my presentation RigExpert founder Serge UX1UA gave me their newest antenna analyzer „AA-55 ZOOM” as a gift and support to our DXpeditions. This new analyzer is a per-

fect tool for antenna tuning and it helped us significantly.

In addition to this trip I also brought two baggage's of antenna equipment to manage logistics. However, we still had some problems with baggage limitations later, in flight from Kiev to Dhaka Turkish Airlines permitted only 20kg baggage per person and for every additional kg the cost was 21\$. I turned to Turkish Airlines affiliate in Riga with baggage sponsorship request for DXpedition but without any success, because the flight is from Kiev not Riga, and after looking for affiliate in Ukraine, it turned out that there is none. So I had to make a decision to limit team's personal baggage to minimum.

For this expedition we had two separate position in our QTH and we used IC-7300 and that was a great choice, they operated very well especially in RTTY and SSB modes. On low bands and CW we preferred Elecraft K3. As power amplifiers we used SPE Expert 1,3k-FA that is the best option for expeditions. For receiving we used 250m Beverage that gave good results on 80 and 160m.



4. Travel to Bangladesh (QTH)

In early in the morning on March 13th we landed in Dhaka airport. Nobody waited for us there and we could not get visas because we didn't have hotel reservations on hands. After 4 hours of waiting Syed (S21ED) arrived straight from the BTRC with a permission letter and we finally could receive our visas. Further formalities went down smooth without any setbacks.

Then we went to Syed's S21ED brothers' apartment where we waited for bus to Kuakata that was scheduled for 18:30 that day. The city was in peak hour and we arrived to the bus station with more than 1-hour delay. Anyway, everything was solved, we contacted transportation company and they waited for us. Then in a very comfortable ride we drove all night for ~400km and we had to take 2 ferry rafts to cross water. All team had a good night sleep during the night trip and we didn't see much around. Next morning around 09:00 we arrived in Kuakata.



In Kuakata's bus station we were warmly welcomed by my friends and acquaintances I met in Bangladesh during my previous visit in January 2017. Also 7 bicycle carts waited us there, we loaded our equipment and boarded them to head for QTH - Cinderella resort. After 6km drive we arrived at the resort and we were welcomed with nice breakfast. After meal and morning coffee we started setting up antennas and made first radio check.



Day 1

First installed antenna was Spiderbeam, followed by 4SQ on 40m and 30m. First QSO was made by Dmitry UT7UJ on 40m. During the rest of the day we worked on 160/80m antenna. The field were we built it was soaking wet after rainfalls and full of puddles with mud so that was quite challenging. We also made a mistake that we set up the 160/80m antenna in a place where a local rancher pastures his cows and goats and they liked to walk over the radials.



Day 2

The 2nd station was planned to be set up during the first night, however, our plans had to be changed because the land owner had flown to Canada and he didn't have left any note to those who were there.

Anyway, next morning we started with common breakfast and after that I and Syed S21ED went to look for another place for 2nd position. We visited multiple hotels and houses but most of them had problems with fields for antennas and power. After finding suitable place I, Ingus YL2TW and Sasha UT7UV took all equipment and went to build 2nd position. In the evening we had set up Spiderbeam and RA6LBS vertical 160-30m so the 2nd position could start to operate. First communications were made on SSB and RTTY.

Right after that we received bad news - 160/80m antenna in the 1st position had disappeared. It turned out that one of the rancher's cows had run into the cables and teared down the antenna to the ground. It was already dark so we decided to repair and place it closer to our position in the morning. During the following night we operated without 160/80m.



Dimitry UT7UJ

Day 3-4

In the morning we carried out our plans regarding 160/80 vertical and we also put up rope perimeter in order to limit any movement around the antennas.

Later in the evening it started to rain and the intensity got stronger and stronger until it was so intense that we had some minor flood in our house. Wind gusts were pretty intense also and during the night one of our Spiderbeams binding wires ripped apart and the pole bended. We didn't stop operating because we had extra emergency three-bander 14/21/28. In the morning rain stopped and in 2 hours we managed to fix the Spiderbeam.

2nd position operated on SSB and RTTY. We did what we could and what was within our influence regarding low bands. We put a lot of



intention for NA, but the propagation was bad. Every morning and evening we were on 14 Mc for NA.

Last day:

In the morning Dmitry/UT7UJ managed to work W8LRL on top-band, which was our only QSO with North America on 160m. Long distance QSOs on 160 and 80m bands would not be possible without beverage antennas.

After that we took down antennas, packed and had farewell dinner in Cinderella hotel, which was our home for the last 2 weeks.

5. Lessons learned

We have to pay more attention to equipment preparation and tuning before the expedition in order to avoid interference between stations.

Also for this expedition I acquired used laptops for each station and we had some performance issues. For next expedition new computers is going to be priority.

We also need to take into account equipment transportation limitations and plan accordingly: firstly it's not always possible to take all band-pass filters with us because of their size; secondly coaxial cables RF240LTA are pretty heavy - 800m are approximately 36kg. Also radial wires for verticals - transformer wires $d=0,7\text{mm}$ approximately 1km are significant in weight. I see two options here - seek for lighter equipment and/or different transportation options regarding their limitations.

And finally, the most important lesson I had to learn once more - not to publish any information about expedition prior it starts. Again we had some problems because of this. I will think more on this issue and how to do this in future, however I ask you to be understanding in case the information on next expedition will be published just on the starting day.



6. Hams with Hearts program

S21ZED/S21ZEE team participated in INDEXA's organized humanitarian aid program "Hams With Hearts" <http://indexa.org/hamswithaheart.html>

Through our website we invited radio amateurs to support this project and in total we raised 390 EUR (412 USD) for this event. Most generous supporter was INDEXA with 300 USD.

With the help of local Ham's - Syed S21ED and Anup S21TV we bought exercise books, writing-materials and sports equipment for pupils in Kuakata and Dhaka.

Thanks to everyone who supported this project and helped to make happy



more than 250 little hearts and 3 schools in Bangladesh.



With pupils and teachers in Kuakata`s school

7. Conclusion

DXpedition S21ZED/S21ZEE is completed. It was my second expedition I organized after EP2A in 2016. Propagation was worse and it was difficult to work with American stations.

Because of special Bangladesh state regulations we had to use two callsigns and other than that everything went down smooth, thanks to Syed S21ED and Anup S21TV. Without their help this would not be possible.

In our team we have real men ready for action and new adventures. I am willing to go with them to any place in the World. Thank you team! And thanks to team support who stayed at home!

Thanks to everyone who supported and followed us in our DXpedition journey to Bangladesh.

What will be our next DXpedition will show time, please be understanding that the news about next DXpedition may just appear on the day it starts to operate.

In addition, next year 2018 is Latvia`s 100 years anniversary and we will organize radio amateur event, more information about this event later.

All information and pictures from S21ZED/S21ZEE you can see on our webpage <http://www.lral.lv/s21zed/index.html>

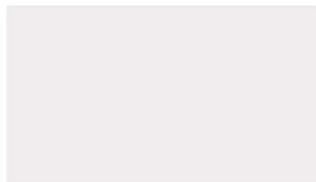
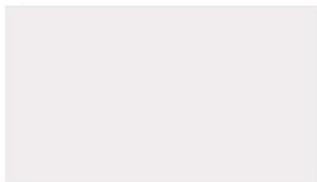
Our supporters:



S21ZED/S21ZEE QSL cards



□ S21ZED □ S21ZEE



QTH:
Kuakata
Bangladesh

CQ Zone 22
ITU Zone 41
Loc. NL51bt

Operators: YL2GM, YL2TW, YL3AIW, UT7UJ, US7UX, UT7UV, UT5UJO, S21ED, S21TV
TNX QSL via YL2GN

We would like to thank all sponsors as well as all supporters:



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L21Z PRINT
www.L21Z.com

My new ICOM IC-7300, part 1 by Dan Romanchik, KB6NU

I'm not one of those guys who just has to have the latest gear. In fact, the last "big rig" that I purchased was my IC-746PRO [back in 2005](#). I made tens of thousands of QSOs with that radio, and in all that time, the only problem I ever had was with the automatic antenna tuner. And even that turned out to be a non-problem. The ICOM tech said he didn't find any fault with the radio, but added all of the hardware updates while he had it in the shop.



So, it was with a little trepidation that I finally pulled the trigger on the purchase of a new radio—an ICOM IC-7300. I purchased this radio from a friend of mine who was upgrading to an IC-7610. He gave me a very good deal on the radio. (Thanks, Sam!)

Now, I'd like to give you some of my impressions about the radio...

The first thing you notice about the IC-7300 is the flashy touch screen display. I may be wrong, but I think this is the first radio with a built-in spectrum scope in this price range.

I really like this display. It just gives you so much information about what's going on the band. You can see where other stations are transmitting, and because it's a touch screen, you can easily change frequencies by simply tapping the screen. I've already made several QSOs by quickly finding stations calling CQ. How's that, you ask? Well, you can see their transmission, and if you don't see a station transmitting on their frequency immediately after they stop, you can guess that they're calling CQ.



The screen on the radio above is showing the bandscope and waterfall, plus the "audio scope." The radio audio scope displays the received signal's frequency components on the FFT scope (left), and a real time waveform on the oscilloscope (right). The FFT scope also has an waterfall. I guess that this is useful if you operate SSB, but since I don't, I really haven't tried this yet.

Instead, I set up my screen to display meters, as shown below. In this mode, the screen shows the bandscope, waterfall, and a variety of meters, including ALC, compression level (COMP), SWR, the drain voltage of the final amp MOSFETs (I_D), the drain voltage of the final amp MOSFETs (V_D), and the temperature of the final amp MOSFETs (TEMP).

This may be a little too much information. While I suppose that it's nice to know how much current the rig draws when transmitting, it was, at first, a little disconcerting to see V_D drop a volt or so. This does, of course happen with other rigs—at 15 A, it only takes a lead resistance of 67 m Ω to drop V_D a volt—but you never see that.

Using the touch screen is easy enough when you get used to it, too. To change the frequency, you simply touch the frequency display and a band-change menu pops up. To change the operating mode, you touch the displayed mode, and a mode menu pops up. Changing the filter bandwidth, you touch the filter display.

This all works pretty much the same way that my IC-746PRO works, except that instead of pushing buttons on the radio's front panel, you're touching the touch screen. I like the fact that the operation is so similar to my IC-746PRO. It made it much easier to learn how to operate the new radio.



Screen shot taken last night while operating 80m CW. The ability to take screen shots is one of the features that I like about the IC-7300.

I can really think of only one negative at this point, namely the screen is a little on the small side. Of course, I don't know that you can expect much more from a \$1,200 radio. The new ICOM IC-7610 has a bigger screen, but it costs three times as much!

That's all for part 1. In upcoming posts, I'll review the other aspects of the radio, including receiver performance, the digital signal processing, and the USB port.



NODXA 2017 Summer Luncheon

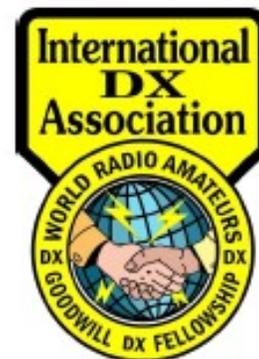
INDEXA

International DX Association, Inc.

398 Lakeview Shores Loop • Mooresville, NC 28117

www.INDEXA.org

December, 2017



INDEXA

INDEXA: 2017 Membership Update

Hello INDEXA Members and fellow DXers,

I would like to sincerely thank all of you for your INDEXA membership and support this year. The year 2017 was a year of a number of changes for INDEXA! First, I am humbled to be considered worthy of being the new President of INDEXA for the next two years. Gary Dixon K4MQG has left me with a large pair of shoes to fill, that's for sure. We also had some new faces join us on the board of directors. The officers are N2OO President, K8YC Vice President/Newsletter Editor, W3OA Secretary/Treasurer. Our Board of directors are led by K0IR (Chairman of the BOD). Directors include: K4UEE, JJ3PRT, N2TU, K4MQG, K1MMH, DJ9ZB, CE3CT, WB9Z.

INDEXA: 2017 Supported DXpeditions

- Mellish Reef, VK9WA in November 2017
- Equatorial Guinea, 3C1L October 2017 (plus Hams with Hearts)
- Annobon Island, 3C0L October 2017 (plus Hams with Hearts)
- Temotu Province, H40GC in September 2017 (Hams with Hearts)
- Bangladesh, S21ZED/S21ZEE in March 2017 (plus Hams with Hearts)
- Pitcairn Island, VP6EU, in February 2017
- Macau, XX9D, in February 2017

INDEXA: 2018 Supported DXpeditions

- Bouvet Island, 3Y0Z (January/February 2018)
- St. Brandon Island, 3B7A (April 2018)
- Baker Island, KH1 (June/July 2018)

Let me review some of the new paths that we are embarking on...



"Hams With Hearts" update. As most of you already know, we were blessed with a substantial contribution two years ago from Zorro JH1AJT that initiated this new fund within INDEXA. The purpose is for DXpeditions going to countries that have people of need to be able to help in some way as part of their DXpedition. In the early startup for this fund we have been looking especially for low cost but high impact projects aimed at the top 60 DXCC entities. As this fund grows, we will consider further support as warranted. In 2017, we had three DXpeditions take advantage of this fund (S21ZED/S21ZEE, 3C0L/3C1L, H40GC). Full details can be found in our newsletters.

We have also started a new "HERITAGE CLASS" of INDEXA membership. We have made this fairly simple to join. Anyone who pledges that they have provided for INDEXA in their wills or other estate plans will be added to this category and posted on our web site.

501(c)(3): In case you missed it, INDEXA is now a bona fide Non-Profit organization in the USA. For U.S. taxpayers this means that your donations to INDEXA are now tax deductible to the extent permitted by law. Please consider an "end of year" contribution to "INDEXA"! Do you have a friend who you would like to give a Christmas gift to? Consider a membership! It is still only \$20/year and you can beat any potential dues increases in the future by paying up in advance for multiple years.

Social Media: INDEXA has added a presence on Facebook and Twitter thanks to our new "Social Media Manager" Steve Molo, KI4KWR. Just search INDEXA on Facebook. On Twitter, use @INDEXA_DX. These are all new experiences for us, and we welcome Steve to help INDEXA navigate on Social Media platforms.

Best wishes for a WONDERFUL holiday season to everyone!
 Bob Schenck, N200
 INDEXA President

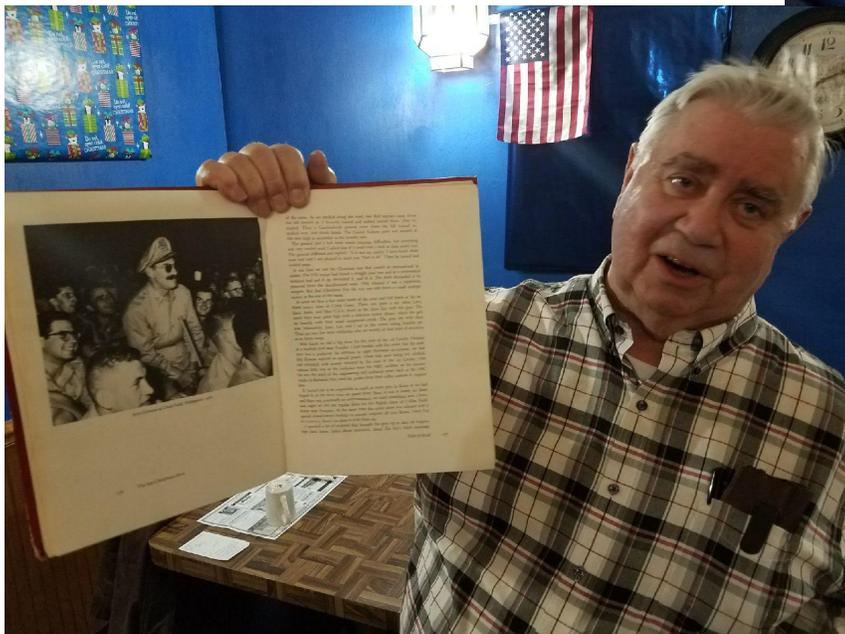
NODXA Show and Tell Night by David Autry, WD8IOU



(Above) Brian, K8USC, showing off his excellent Hallicrafters Model 54R1 radio.



(Above) Pete, N8TR, talked about his Triplet Model 3256 frequency meter.



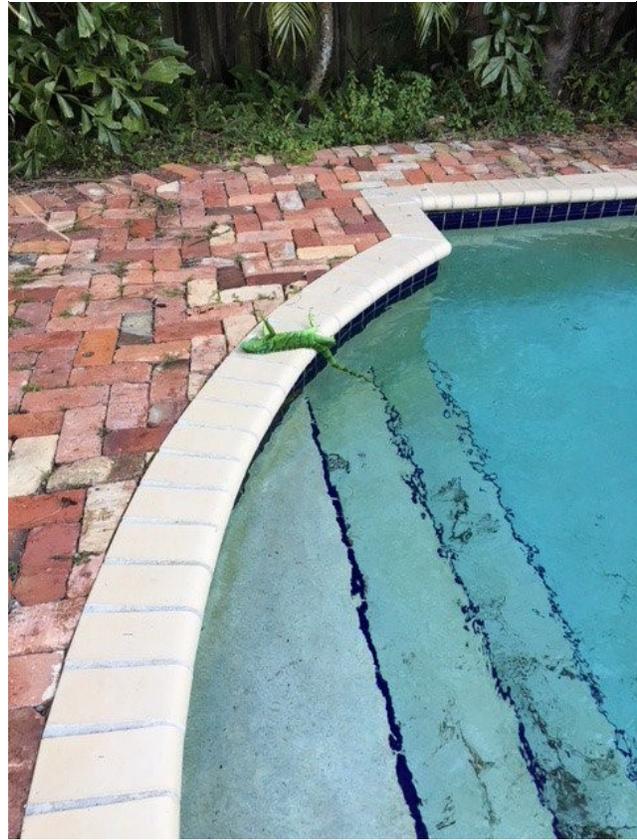
(Left) George, K8KR, gave a nice talk about finding a picture of himself in a book about the Bob Hope USO tours.

South Florida DXer "L1ZARD" by Nick Wislocki , W8XD

I ran across a South Florida DXer "L1ZARD" on my recent vacation.



The cold Florida weather has been tough on "L1ZARD", yesterday he fell out of his tree!



Get ready to shovel!

The following items are for sale from the K8ME/SK and K8BCK/SK estates. All items are pretty much negotiable (within reason). If price is not listed make offer. If interested, let me know via E-mail....

73 de Tedd KB8NW <kb8nw@barf80.nshore.org>

*** PLEASE NOTE: Most items will be available at the upcoming Hamfests...

ANTENNAS :

Create 6m to 1300 MHz log periodic (listed \$519.95) (\$250) comes with some coax

HY-GAIN TAILTWISTER (\$450)

New Cushcraft A270-10s Yagi Beam (\$85.00)

WARC band rotation dipole (possibly a Cushcraft D3W) (\$160)

RADIOS & Accessories:

YAESU FTDX-3000D (\$1200)

*YAESU FT-1000 Transceiver (for parts)

*Yaesu SP-8 FT1000 External speaker

Yaesu FT 2000 Transceiver w/External power supply and Micro tuning kit 80/40 (new) in two boxes (\$1600)

*Kenwood 820 Transceiver (For Parts)

*Kenwood SP 820 Speaker

*Kenwood VFO - 820 Remote VFO

Misc Items:

* New in the Box (Sealed) two 8875 tubes (\$600.00 for the pair) [Very Rare]

* Used 3-500ZG Tubes (Make Offer)

* Will not be at the hamfest.....

Ameriton AL82 (\$1600)

Used MFJ 6 Meter Tuner MFJ-906 (\$50.00)

MJF \$22B-X Keyer (\$90.00)

Used MFJ-249 SWR analyzer (\$150.00)

Universal Tower Controller RMC-1000 (Make Offer)

MFJ MFJ-407B Deluxe electronic keyer

Hy-gain Tailtwister Antenna rotator (\$450)

CW8-HD-UV Rotor cable 100' w/ connectors (\$75)

Weaver 1025 Climbing belt with adjustable lanyard (new)

We have some Heathkit Items and Amps which still have to be tested, but if interested let use know.....

Heathkit SB401 Transmitter

Heathkit SB303 Receiver w/SB600 speaker

Heathkit SB220 Misc parts

Heathkit SB220 Amplifier

Heathkit SB220 Amplifier



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.

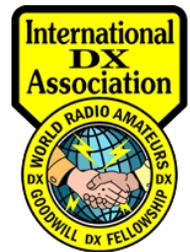
NODXA Information

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 2017-2018

President:	Tedd Mirgliotta, KB8NW	(440-237-2816)
V. President:	Dennis Stuber, K8LBT	(440-628-1959)
Secretary:	Glenn Williams, AF8C	(440-934-5566)
Treasurer:	Mary Michaelis, N8DMM	(440-236-5426)
Newsletter:	David Autry, WD8IOU	(440-238-0417)



INDEXA

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, KB8NW, AF8C, W8XD, K8YSE, YUL2GM, and KB6NU,