The LongPath

September 2025 — Volume 49 Issue 9 A North Alabama DX Club Publication

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Contributors:

AC4G
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From the President

by Bruce Smith, AC4G

The 2025 North Alabama DX Club (NADXC) DX Banquet and the Huntsville Hamfest are over and were another memorial event where several of our NADXC members participated. Thanks to our members that made both events a success. Our Banquet hosted DXers from up North to Massachusetts, as far South as Florida, and out West to Texas and to the Northwest to Oregon. At the hamfest, the club checked QSL cards from DXers across the East Coast increasing their DXCC count for countries, bands, and modes. We also sold all the silent key (SK) equipment from the estates of Al Watson, W4ABW and the remaining gear from the Mike Maples, K4ADK estates, totaling almost $8,000. This was a huge financial boost to the NADXC. Finally, congratulations to the door prize winners and John Stensby, N5DF, on winning the Grand Prize at the Banquet.

If you recall at the July NADXC meeting, I presented a program to NADXC discussing the Fall season opening of "Longpath". Wow, on August 28, 29, 30th, and September 1, the solar flux index (SFI) reached 317. Each morning from 1200Z until about 1330Z, I was able to make QSOs via the Longpath to Southeast Asia on 28 MHz (10m) with 180 watts. I logged stations from the following callsign prefixes: YB, VR2, JA, BY, E2, BV, and others in this area with my antenna pointed to the Southeast. Each morning yielded new callsigns all the while Europe was also coming in Shortpath. Sometimes you just "gotta" turn the antenna.

Labor Day has just passed. Each day is getting shorter, while the temperatures are cooling down. The excitement of DX and contesting is about to blossom as it does each year with much anticipation for good propagation. Our area has just tasted a dose of autumn propagation, and it will continue to get even better as we approach the winter season. We all should complete the addition of new antennas and equipment as well as repairing the old antenna and equipment we use as the contests and DXpeditions gradually approach us. Many of us are anticipating great things ahead as Cycle 25 continues. Will we see a cycle with a double hop, or will we just endure the down cycle of Cycle 25? Only time will tell.

The September Program will be presented by Jose Castillo, N4BAA discussing the CQ WAZ program as well as his spectacular station. This should be a great presentation showing his success and his station. Jose is a big gun

From the President (continued)

and is always one of the first to QSO any DXpedition. You will not want to miss this one.

During the club meeting, we will discuss QSOs made with any DX, the Annual Club Picnic, we will mention the Nomination Committee members finding officer(s) for next year, and we will conduct a hot wash discussion on how we can improve the NADXC Banquet next year and point out the things we did right. I look forward to seeing everyone at our September meeting.

Use Better Tools for Faster and Better Results

by Steve Werner, AG4W

As I get older, one thing I have done to make jobs easier is use better tools. In the past, having the right tool was not always an option. I have been amazed recently at the variety of electronic test equipment that has become available at crazy low prices that replace equipment that was not even feasible or extremely expensive in the 1980s.

I recently purchased a handheld ZOYI ZT-703S Oscilloscope Multimeter for $62.03 that is unbelievable. It has 2 input channels that are rated at 50MHz and uses a 280MSa/S digital sampler. It has auto-ranging and you can set the ranges and trigger points. You can move cursors or take various measurements automatically. It will even do an FFT on the data points collected. You can even save the waveforms and transfer them to your computer. The 3.5-inch color display is amazing.

AG4W's new ZOYI ZT-703S Oscilloscope Multimeter

But there is more! It can also be a good multimeter. On the AC/DC voltage and current and resistance ranges it's 25,000 count color display is large and clear and includes a meter movement so no reason to hang onto the old Triplett multimeter. It can also measure capacitance and frequency to 9999 counts. You can also transfer measurements to a computer in real time at 3 per second. This is great for data logging.

The ZT-703S is a very capable multimeter

But there is even more! It is a single channel function generator that can output sine wave, square wave, sawtooth, half wave and full wave output signals.

It includes 2 nice oscilloscope probes and multimeter probes in a nice soft case. A USB cable is included for charging the unit and downloading data. It runs on a standard 18650 lithium battery.

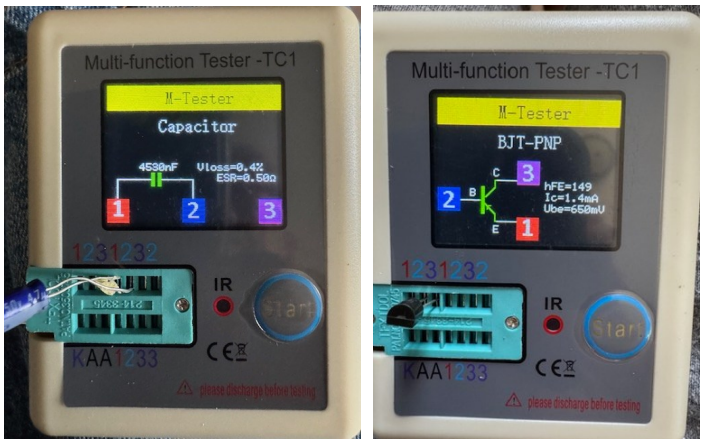
I also got an LCR TC-1 multi-function component tester for $8.53 that is also unbelievable. It can test diodes, transistors, FETs, thyristors, triacs, capacitors, resistors, inductors and batteries. Just plug the device in and turn it on. It will draw the schematic of the device and give you critical measurements.

It is important to discharge capacitors be-

Use Better Tools for Faster and Better Results (continued)

fore they are tested and don't test batteries that are over 4.5 volts. For transistors it gives you hFE, Ic and Vbe. For capacitors you get capacitance, Vloss and ESR. It also comes with test leads and a USB charging cable.

I am working on a satellite station improvement project now and both these pieces of equipment have already proved their value.



The LCR TC-1 multi-function tester can test many different components, such as the capacitor and transistor shown above

Tales from the Museum: Jean-Baptiste Joseph Fourier (1768-1830)

by Bob DePierre, K8KI

As I describe early radio to customers at the museum each day, I wonder what people knew about math and science in the early days, and when. Most often, I wonder about sinewaves since modern radio revolves around them. The first radios were built and sold (1898 by Marconi) almost 20 years before man could manufacture a sinewave (1915). But the first radio broadcast (1920) used a sinewave, and it was beautiful. And only hams could hear it - no one else had any radios at the time.

Joseph Fourier was a piece of work. He was in the Guillotine's crosshairs through part of the French Revolution. He wanted to study for the priesthood, and stayed with it for quite a while before he got derailed. He learned some math, and to say he got good at it is an understatement. Then he joined Napoleon's army and invaded Egypt. He rose quickly through the ranks and was rewarded with a high post in Egypt. Then Napoleon's fleet got sunk, but he made it back to France and quickly became a math professor. But Napoleon still wanted him and appointed him to a governor's post in Grenoble. Upon Napoleon's demise, he became a professor again.

Joseph Fourier

The scene is the early 1820s. We now have Ampere on the scene, as well as Volta, Faraday, and Ohm. But Fourier wasn't interested in them – he was interested in the mechanics of heat transfer, and wrote some extensive laws involving what he found. The sequence of events seems incredulous to me. In pursuit of heat transfer, he established what we call today the Fourier Series and the Fourier Transform. Looking at these now gives me a lot of insight into when we became seriously involved with the sinewave.

The ***Fourier Series*** says you can represent any repeating function as a series of sinewaves. For sure, that means anything that I'll EVER connect my oscilloscope to...square waves, triangles, distorted stuff, anything. And I did the homework, lots of it. And Fourier figured this out chasing heat

Tales from the Museum: Jean-Baptiste Joseph Fourier (1768-1830) (continued)

transfer, of all things. The ***Fourier Series*** involves a bunch of sinusoids that you have to add up. Calculus isn't involved here.

Then there was the ***Fourier Transform***. I see the beauty of this every time I look at the display on the Flex radio at K4MIE. The Fourier Transform is the method we use to convert from the time domain to the frequency domain. These transforms aren't particularly hard, but you have to copy the steps properly and keep turning the crank for a long while. Doing a single transform on paper used to take me 6 pages and a few hours. I cranked them out a fair number of times, and got better at it. Imaginary numbers are on every line of it. Over the years, computers became available, and I learned how to do it thousands of times easier...and faster. Now it's called the FFT (Fast Fourier Transform). Most all ham transceivers now have them on the display. They're gorgeous. And supremely helpful. The Fourier Transform does involve calculus and imaginary numbers.

$$S(f) = \int_{-\infty}^{\infty} s(t) \cdot e^{-i2\pi ft}\, dt$$

So now I know who invented the sinewave in the way we use it today. And that guy wasn't even thinking of radios or electronics. We couldn't yet describe what resistors were, yet alone capacitors and inductors. And, of course, we couldn't yet manufacture a sinewave (the oscillator). The year was 1820.

The NADX Club would like to thank our banquet prize sponsors for their support.

Grand prize: Yaesu and Gigaparts

Raffle prizes: ABR Industries, ARRL, Comet Antennas, Chatt Radio, Cubex Quads, Diamond Antenna, DX Engineering, Flex Radio, Gold Medal Ideas, Halibut Electronics, Ham Radio Deluxe, Ham Radio Outlet, Hamsource, HamThreads, Heil Sound, Mastrant, N3ZN Keys, Paradan Radio, Quicksilver Radio, Radioddity, Repeater Book, Rocket Machine Worx, RT Systems, Spec 5, Tennadyne Log Periodic Antennas, Tower Electronics, UNI-T, The Original Wireman, Wired Communications, and Wolf River Coils.

About the NADXC

2025 NADXC Officers and Directors

President	Bruce Smith, AC4G
Vice President	Fred Kepner, K3FRK
Sec./Treasurer	Bob De Pierre, K8KI
Directors	Chuck Lewis, N4NM
	Mick Bell, N8AU

How to Join

Come to a club meeting or send in an application by mail (form on www.NADXC.org)

Monthly Meetings

Meetings are held at the Museum of Information Explosion at 6:30pm on the 2nd Tuesday of each month. Participants can also join the meeting virtually via Zoom.

This edition of The LongPath published by Fred Kepner, K3FRK

Tales from the Museum: Who Invented the Voltmeter, and When?

by Bob DePierre, K8KI

We first learned about electricity through spark experiments in the 1700s. It wasn't until 1799 that Alessandro Volta, an Italian, invented the first battery, called a voltaic pile. The pile consisted of alternating copper and zinc electrodes, mixed with sulfuric acid. It worked, and became a standard, but there were no good means to measure what it was doing. Curiously, the internal resistance of a pile measured somewhere around several thousand ohms, so it's a wonder Georg Ohm ever invented Ohm's Law (1825) by using a standard that was so sloppy.

Alessandro and his battery, called a pile (obviously)

The first device that could be considered a voltmeter (1824) is credited to Ampere, but developed from observations by Oersted (1820). It was a moving-pointer, current-detecting device, called a galvanometer. Designed only to detect electrical current, it reflected the movement of a compass needle. The galvanometer was useful in the lab, but very bulky, delicate, and impractical. Early galvanometers were uncalibrated, such as the compass galvanometer on display at the museum.

The big leap in voltmeters occurred in 1884 by Edward Weston (1850-1936), who developed the first highly accurate, direct-reading, portable voltmeter. Weston developed some of the best-known voltmeters and ammeters of the early electrical age. His 1886 portable DC ammeter set the standard leading to accurate voltmeters, despite intense competition from giants Westinghouse and General Electric.

Edward Weston, inventor of the portable voltmeter

In 1884, Weston discovered stable-resistance alloys that made accurate electrical measuring instruments possible. In 1888, he invented the first highly accurate, direct-reading, direct current, portable voltmeter. A complete line of devices for both direct current and alternating current soon followed. A prolific inventor, he held over 300 U.S. patents at the time of his death.

Weston Voltmeter, ca 1900, on display in the museum

Today, the moving coil galvanometer is the most common type, and is referred to as a D'Arsonval movement. It will perform a mathematical average of the waveshape presented to it.

A gold star goes to the first member who can find the two meters mentioned above at the museum.

Upcoming DX Contests

by Chuck Lewis, N4NM

Russian RTTY WW Contest, (RTTY), 80 – 10M

Sept. 6, 1200Z to Sept. 7, 1159Z
Exchange: RST, serial # or Oblast
See page 95, Sept. QST and www.contest.ru

Worked All Europe (WAE) DX Contest (SSB) 80 - 10M

Sept 13, 0000Z to Sept 14, 2359Z
Exchange: RST plus Serial No.
See page 95, Sept. QST and www.darc.de

Africa FT4 DX Contest, (FT4), 80-20M

Sept. 13, 1500Z to Sept. 13, 1900Z
Exchange: signal report plus 4-char. grid
See page 95, Sept. QST and https://mysarl.org.za/contest-resources/

RSGB FT4 Contest (FT4), 80 – 10 M

Sept. 15, 1900Z to Sept. 15, 2030Z
Exchange: Signal report
See Page 95, Sept. QST and www.rsgbcc.org

AGB NEMIGA Contest, (CW/SSB/DIG), 80 - 40M

Sept. 19, 1600Z to Sept. 19, 1700Z
Exchange: RST, Serial #, member # (if any)
See page 95, Sept. QST and www.ev5agb.com

Scandinavian Activity Contest, (CW), 80 – 10M

Sept. 20, 1200Z to Sept. 21, 1200Z
Exchange: RST plus Serial #
See page 95, Sept. QST and www.sactest.net/blog/rules

CQ WW RTTY Contest, (DIG), 80 – 10M

Sept 27, 0000Z to Sept 28, 2359Z
Exchange: RST, State/Province, and CQ zone; DX sends RST and CQ zone
See page 95, Sept. QST and www.cqwwrtty.com

YU DX Contest, (CW/SSB), 80 – 10M

Sept. 27, 1200Z to Sept. 28, 1159Z
Exchange: RS(T), Serial or YU county
See https://www.yudx.yu1srs.org.rs/2025/

UBA ON contest (6M), (CW/SSB), 6M

Sept. 28, 0700Z to Sept. 28, 1000Z
Exchange: RS(T), serial #, ON (for ON)
See page 95, Sept. QST and www.uba.be

Others:

ARRL EME Contest, 0000Z, Sept.13 to 2359Z, Sept 14

Oceania DX Contest, Phone, 0600Z, Oct 4 to 0600Z, Oct 5

Dates & times often change or are misprinted in the journals; beware. See also: http://www.contestcalendar.com/contestcal.html

DXpeditions in September 2025

Reprinted with permission of Bill Feidt, NG3K

2025 Aug18	2025 Sep07	Benin	TY2AA	LoTW	By IK7WUL; 10m; SSB; spare time operation; QSL via I8KHC
2025 Aug23	2025 Sep12	Tonga	A35JK	LoTW	By JK1JXZ fm Nuku'alofa (AG28ju); 80-6m; QSL via JK1KXZ
2025 Aug27	2025 Sep13	Lord Howe I	VK2	LoTW	By SP9FIH as VK2/SP9FIH fm IOTA OC-004 (QF98ml); 30-10m; SSB FT4 FT8
2025 Aug27	2025 Sep14	Bermuda	VP9	G4OSY	By G4OSY as VP9.G4OSY; @VP9GE; 160-6m; SSB CW
2025 Aug28	2025 Sep02	Canada	VY0ZOO	VE2XB	By VE2XB fm Southampton I, Nunavut (IOTA NA-007); rare IOTA; 80-10m; SSB CW
2025 Aug29	2025 Sep11	Laos	XW4YY	LoTW	By OH7O fm OK18ff; 40 20 17 15 12 10m; SSB FT8; QSL via M0OXO
2025 Aug30	2025 Sep08	Dodecanese	SV5	DJ5MN	By DJ5MN as SV5/DJ5MN; 40-10m; CW SSB FT8
2025 Aug30	2025 Sep08	Faroe Is	OY	TF1OL	By TF1OL as OY/TF1OL; HF; FT8
2025 Aug31	2025 Sep21	Tanzania	5H3DX	LoTW	By NK8O; mainly CW, some FT8 FT4; 100w, 5w; spare time operation
2025 Sep01	2025 Sep04	Honduras	HR9	LoTW	By K6VHF as K6VHF/HR9 fm Roatan I (IOTA NA-057, EK66rh); 80-6m; SSB CW RTTY FT8; 100w; QSL via Club Log OQRS or K6VHF (B/d)
2025 Sep01	2025 Sep10	Equatorial Guinea	3C3W	LoTW	By YL2GM EA5EL fm Malabo (IOTA AF-010); 160-6m; CW SSB; QSL via Club Log OQRS
2025 Sep01	2025 Sep27	Rwanda	9X2AW	LoTW	By DF2WO fm Kigali (KI58aa); 160-6m, incl 60m; CW FT4 SSB; QSL via M0OXO OQRS
2025 Sep02	2025 Sep07	Palau	T88DZ	JR2JGR	By JH2JGR fm Koror I (IOTA OC-009); 160-6m; CW SSB RTTY FT8 FT4 MSK
2025 Sep02	2025 Sep11	Palau	T88DF	LoTW	By JH2DFJ fm Koror I (IOTA OC-009); 160-6m; CW SSB RTTY FT8 FT4 MSK; QSL via Club Log OQRS
2025 Sep04	2025 Sep08	Iceland	TF	NW1B	By NW1B as TF/NW1B; 40-6m; SSB CW FT8; holiday style operation
2025 Sep11	2025 Sep26	Guam	KH2	LoTW	By WE9G as WE9G/KH2; 160-6m; QSL via Club Log OQRS
2025 ~~Sep 12~~ **Sep06**	2025 Sep22	Annobon I	3C0W	LoTW	By YL2GM EA5EL fm IOTA AF-039; 160-6m; CW SSB; QSL via Club Log OQRS
2025 Sep12	2025 Sep22	Sint Maarten	PJ7K	LoTW	By OK1FCJ OK2ZA OK2ZC OK6DJ OM5ZW; 160-6m; CW FT8 SSB RTTY; QSL via Club Log OQRS or OK6DJ
2025 Sep12	2025 Sep22	Svalbard	JW6VDA	LoTW	By LA6VDA fm Spitsbergen (IOTA EU-026); HF; FT8 FT4; SSB; holiday style operation; QSL via Club Log OQRS
2025 Sep13	2025 Sep25	Dodecanese	SV5	LoTW	By HB9OAU as SV5/HB9OAU fm Karpathos I (IOTA EU-001, KM35ol); 40-6m; SSB CW; holiday style operation; QSL via HB9OAU direct
2025 Sep14	2025 Sep27	Norfolk I	VK9NT	LoTW	By VK3QB VK3HJ VK6CQ; 40-6m; CW FT8, some SSB; QSL via M0OXO

DXpeditions in Sepember 2025

Reprinted with permission of Bill Feidt, NG3K

2025 Sep15	2025 Sep26	Aland Is	OH0	LoTW	By DL2AQI as OH0/DL2AQI and DL4APJ as OH0/DL4APJ fm IOTA EU-002 (KP00ad); 80-10m; CW SSB + digital
2025 Sep15	2025 Sep26	St Pierre & Miquelon	FP5KE	LoTW	By 16 op team fm Ile aux Marins (IOTA NA-032); HF; CW SSB RTTY; QSL via Club Log OQRS; see Web for full QSL details
2025 Sep16	2025 Sep28	Curacao	PJ2	HA3JB OQRS	By HA3JB as PJ2/HA3JB IOTA SA-099; 80-6m; CW SSB FT8; QRV for CQ DX RTTY Contest; QSL also OK via HA3JB direct
2025 Sep16	2025 Sep28	St Kitts & Nevis	V4	LoTW	By K0YA as V4/K0YA and W5RCX as V4/W5RCX; @V47JA; 160-10m; CW SSB FT8; holiday style operation
2025 Sep19	2025 Oct03	Christmas I	VK2	LoTW	By SP9FIH as VK9/SP9FIH fm IOTA OC-002 (OH29uo); 30-10m; SSB FT4 FT8
2025 Sep20	2025 Sep26	Market Reef	OJ0	LoTW	By OH2YL as OJ0YL, OH6QU OH6QU OH6XX OH7CW as OJ0W; 160-6m; CW FT8 SSB; QSL via Club Log OQRS
2025 Sep20	2025 Sep28	Reunion	FR	F1TEQ	By F1TEQ as FR/F1TEQ; 20 15m; SSB FT8; QSL via F1TEQ
2025 Sep22	2025 Oct06	Micronesia	V6D	LoTW	By DG2RON DJ7TO DJ9KH DK5WL DL1KWK DL2RNS DL4SVA DL7JOM DL7VEE fm Chuuk I (IOTA OC-011, QJ57wl); 160-6m; CW SSB FT8 RTTY; QSL via Club Log OQRS or DL4SVA
2025 Sep24	2025 Sep28	Svalbard	JW0B	LoTW	By F5FRM fm Longyearbyen; focus on high bands, perhaps 6m; CW RTTY, perhaps SSB; QRV for CQ WW DX RTTY
2025 Sep27	2025 Oct02	Ogasawara	JD1	LoTW	By JQ3JUK as JQ3JUK/JD1 fm Chichijima I; 160-6m; FT8; 50w; QSL via JQ3JUK direct w/ SAE + 3USD
2025 Sep28	2025 Oct12	Seychelles	S79	LoTW	By DL2SBY; HF; focus on 6m; QSL via DL2SBY direct
2025 Sep29	2025 Oct10	Uganda	5X2I	HA5AO	By HA5AO; 80-6m; CW SSB FT8
2025 Oct03	2025 Oct07	Christmas I	VK9QO	LoTW	By JA3GEP JA1COU BA7LVG BH6BEZ; 80-6m; CW SSB FT4 FT8; QSL via JA3GEP
2025 Oct03	2025 Oct09	Bhutan	A52G	LoTW	By PG5M fm Dochula @3100m ASL;; 40-6m; CW, some FT8 using MSHV (v2.76.3); see Web for QSL details; dates may vary by 1 day + or -
2025 Oct04	2025 Oct27	Burkina Faso	XT2AW	LoTW	By DF2WO fm Ouagadougou; 160-6m, incl 60m; CW FT4 SSB; QSL via M0OXO OQRS

Club Business and Announcements

August 2025 Financial Report

by Bob DePierre, K8KI

The hamfest and the banquet are now in the past. I hope you had a great time. For me, it took a lot of work, but was every bit worth it.

In August there were a lot of transactions. We sold almost $4600 in banquet tickets. In the end we lost $1.71 on the whole affair. You can see all the math on the attached spreadsheet. We sold almost $700 in prize tickets, but I wound up giving $400 of that money in tips to the servers. We had 105 guests for the event - which is really more than the venue could hold. With the room so full, it drove a bigger work-load, which the servers helped us make smooth. There is no event anywhere that awards as many prizes as we do. Sometimes we make a little money on the banquet, but it just isn't a fund-raising event.

Budget Category	2025 Budget	Year to Date	End August	
Year Start	**5803**	5803.41	8,838.31	
Dues In	**1100**	1012.54		
Recurring Exp	**-1106**			
repeater elect	-63	-116		
web hosting/domain service	-77	-16.88		
repeater maintenance	0			
to HARC for Zoom	-50	-50		
use of museum	-400	-400		
DX Plaques	-216			
Miscellaneous	-300	-112		
Other Transactions	**-1200**			
Donations/equipment to sell	0	7775	3,675.00	
Dxpeditions	-1000	-1000		
Picnic	-200			
ARRL Bricks	0			
DX Banquet	**730**	**-$1.71**		
Huntsville Hamfest Donation	500			
venue	-700	-700		
food	*-2400*	-2949.91	-2,949.91	Bubba +tips
speaker+room+travel	*-450*	-400	-400.00	PP
ticket sales	*4100*	4587.65	3,655.00	
raffle	*400*	282.89	250.00	
grand prize	*-400*	-523.15		
beer/wine/soft drinks/glasses	*-200*	-193.19	-175.75	
insurance	*-120*	-106		
Year End Bank Balance	**$5,327.00**	$12,892.65	12,892.65	
Other Asset 3-month CD	$5,225.00	$5,055.07	$5,055.07	
Total Assets	**$10,552.00**	$17,947.72		
Asset delta	-$251.00	$7,144.72		

In order for the spreadsheet to be correct, the first number in columns B and C must be the same ($5803), while the bank balances in columns C and D must be the same ($12,892). Those must all match the bank statements, which they do. Our bank account has not gone down this year, but has actually gone up by almost $8,000 due to the generosity of Al Watson/W4ABW, the club's all-time DX leader.

Our last event of the year will be the club picnic, which we'll discuss at the September meeting.

August 2025 Meeting Minutes
by Bob DePierre, K8KI

Bruce opened the meeting on Aug 12 at 6:30pm. There were 19 members present plus 6 on Zoom.

- New member Randy Umfleet was voted in.
- Bruce mentioned that Steve Werner/AG4W was going on the DXpedition to 3C2MD in October.
- The July minutes and the July budget were approved.
- The DX Club repeater still has problems. Bruce will contact NARA.
- The club has a table to sell W4ABW items, but still need a second table for DXCC business. (The second table was secured).
- A discussion followed regarding the many tasks required to make the DX banquet a success: to round up prizes at the hamfest with AG4W, transport of prizes from VBC to museum, setup of the large room at the museum, listings of prizes for the MC, notes and photos of the prize winners, how to sell prize tickets at the venue, name tents at the tables, who to sit at the front tables, seating for the disabled, and other needed tasks.

The meeting adjourned at 7:23pm.

Steve/AG4W presented highlights of his visit to the Friedrichshafen Hamfest in June.

2025 Alabama Outstanding Youth Ham Award Presented at Hamfest
by Fred Kepner, K3FRK

The NADXC was honored this year with the opportunity to sponsor the Alabama Outstanding Youth Ham Award. The awardee, Tristan Miller, KO4ZVC, was selected by the ARRL Alabama Youth Committee for his contributions to amateur radio and his community (detailed information can be found here).

The award was presented by NADXC President Bruce Smith, AC4G, at this year's Huntsville Hamfest.

Above: AC4G presents the award to KO4ZVC

Right: The award plaque was donated by the NADXC

North Alabama DX Club Banquet Pictures

By Barry Johnson, W4WB

Top left: The banquet sold out completely with 105 DX enthusiasts in attendance.

Top right: Several ARRL brass attended, including ARRL CEO David Minster, NA2AA.

Above left: NADXC President Bruce Smith, AC4G handled MC duties.

Above right: John Stensby, N5DF won the top door prize, a Yaesu FT-710AESS.

Right: James Gallo, KB2FMH gave a very entertaining presentation on his many DXpeditions.

Upcoming NADXC Meeting

Tuesday, September 9, 2025
5:45 PM Doors open / 6:30 PM meeting

Program: Overview of the WAZ Program and the N4BAA Super Station by Jose Castillo, N4BAA

Location: Signals Museum of Information Explosion, 1806 University Drive NW, Huntsville, AL 35801 and via Zoom

The 3C2MD DXpedition to Bioko Island, Equatorial Guinea is coming up soon, October 29th through November 10th. NADXC's own Steve Werner, AG4W is a member of the DXpedition team and will share more information about the team's plans in next month's LongPath. In the meantime, the 3C2MD team is collecting information on needed bands and modes. You can vote for your needed bands and modes on 3D2MD's survey, located here - https://www.mdxc.support/3c2md/survey/. You can also follow 3C2MD's DXpedition updates on their WhatsApp channel - https://www.whatsapp.com/channel/0029Vb6VAGAId7nIXVb1w23t.

North Alabama DX Club (NADXC)

"Club Fact Sheet"

Who We Are: NADXC is a group of active radio amateurs with a deep compassion for working DX, contesting, and other aspects of Amateur Radio. We welcome everyone who is interested in joining our club. NADXC members are active in all facets of DX and contesting. The NADXC also donates funding for various DXpeditions all over the world. The NADXC sponsors a DX Banquet in mid-August of every year in conjunction with the Huntsville Hamfest in Huntsville, Alabama. NADXC members moderate various programs at club meetings and during the Huntsville Hamfest, covering amateur radio technical and operating topics for all to learn and enjoy. The NADXC sponsors a prestigious award at the end of year for the most deserving DXer of the Year from the NADXC club.

DX Funding Policy: The policy supports major DXpeditions that meet our requirements for financial sponsorship. Details are available on the NADXC website and in the "LongPath" newsletter.

Club History: The NADXC was organized in December 1966 by a group of 12 charter members. The original constitution was adopted and signed on December 19, 1966. The first chairman was Dan Whitsett, W4BRE (SK). In the early-1970's, the NADXC was custodian of the W4, K4 QSL Bureau which became such a huge undertaking that it eventually was passed to other larger clubs. In January of 1977, the club bought a VHF repeater for sharing DX spots and hosting a weekly net on Wednesday nights. The repeater was located on Redstone Arsenal, Weeden Mountain using the frequencies of 147.91/147.31 MHz on two meters. Today, the repeater has been relocated and utilizes the frequencies of 147.90/147.30 MHz, with a callsign of W4QB. The weekly net has been discontinued. In 1980, the club started the monthly newsletter known as the "LongPath" which currently continues to be produced every month.

While organized as a DX club, NADXC members are active in all aspects of the hobby. We trust that this information will be of interest to all and hope all hams have a long and pleasant association with the NADXC.

Requirements for Membership: The NADXC welcomes all hams radio operators who have an interest in DXing. It does not matter whether you are a new ham, a seasoned ham operator, an old-timer to DXing, or a ham who has just been hit with the DX bug; everyone is welcome! See the club website: www.nadxc.org. Dues are paid in January of every year.

Meetings: The NADX club meets the second Tuesday night of every month, with the current location at the Signals Museum of Information Explosion (MIE) located at 1806 University Drive, Huntsville, Alabama and virtually via Zoom. Some members gather early to eat their dinner, socialize, discuss DX worked, and then we have a short business meeting starting at 6:30 P.M. CT. followed by an exciting, interesting program to help, entertain, and teach members about DX and amateur radio in general.

Club Officers: There are four elected officers (President, Vice-President, Secretary, and Treasurer) and three elected directors on the NADXC Board of Directors. The current roster of club officers and directors can be seen of the NADXC web site or in the "Longpath" newsletter, which is uploaded each month to the club website.

Website: The NADXC club maintains a website at www.nadxc.org. This site provides club information and activities throughout the year about a variety of subjects related to the club, DX, and amateur radio.