



## From the President (continued)

that I am looking forward to working is the Juan Fernandez DXpedition. CBOZA should be active from 10-24 February on all HF bands including 6m. This is one entity that I hope I can fill in some missing band slots. For many, this will be a new DXCC country. I encourage our NADXC members to check out the DXpeditions and not miss a chance for a relatively easy opportunity to add another country to your DXCC repertoire. Recently, we all had a chance to work Clipperton Island TX5S. Many of our club members even worked TX5S on 160m using their 80m dipoles and antenna tuner to work this entity and fill-in missing bands slots. I was fortunate to work Clipperton without my amplifier (low power) on all HF bands. I challenged myself to do this feat and was successful. If you did not work Clipperton Island this year, it is because the effort was not made.

I encourage each member to pay their clubs dues. Club dues provides the club with the funding to operate each year. I hope our active

members will get paid up soon. I also want to encourage potential hams and inactive members to consider getting back with the club. One of the highlights of every year is the annual NADXC Banquet held in conjunction with the Huntsville Hamfest in August. Our club dues help us to fund this event. I hope each member, previous member, and potential member will become “radio-active” with our club and pay their club dues to help in 2024 to continue to be a light in the DX community.

Our next meeting will be held at the Signals Museum of information Explosion, 1806 University Drive, Huntsville, AL. The meeting begins at 6:30 P.M. and I look forward to seeing everyone again. We will be voting on our budget and we will be discussing other topics such as DX worked. We need to discuss a speaker for our banquet. Fred Kepner, K3FRK has lined up another great program for us as we will hear a great presentation by K4ZSR, Zachary Rozar on “How to Become DX”. I look forward to seeing everyone at the museum. We will also have ZOOM up and running for those unable to make it to the meeting. Until then, 73 and good DX.

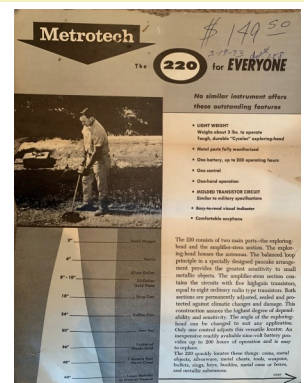
## Freeze Fest

By Steve Werner, AG4W

I decided to start the new year with Freeze Fest. It was a hamfest on January 6th in Blount County at Locust Fork High School in their cafeteria from 8AM to a little after noon. I have plenty of junk to sell that needs to find a new home. My problem is that I have an eye for good deals and bring more junk home. As I was looking at all the targets of opportunity, I could not resist a Metrotech Metal Detector. It included a manual and was purchased new on 3/19/1973 for \$149.50. It was being offered for \$10. I have needed a metal detector several times, including now to locate

buried cables. At that price, I knew it didn't work. I offered \$5 and we settled at \$6.

I was now the proud owner of a broken ancient metal detector. The manual states that the “amplifier section contains the circuits with five high gain transistors, equal to eight ordinary radio type transistors.” The



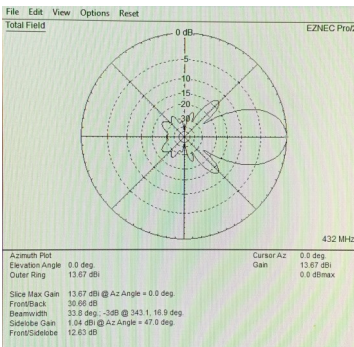
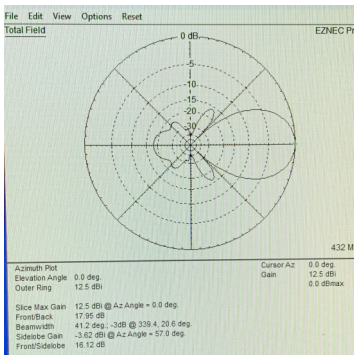
1973 Instruction manual for AG4W's new metal detector.

## Freeze Fest (continued)



**AG4W diagnosed and fixed the metal detector in just 15 minutes.**

vintage meter, old style headphones with cloth jacket cable, and metal case made it a fun project to fix. It only took me 15 minutes to replace the 9-volt battery and find a loose connection and it was back to life. It is amazing how many failures are due to bad connections and not active parts.



**AG4W will add 4 elements to each of his 14-element yagis to improve the front to back performance.**

MHz EME contacts last year and plan to work more this coming year.

I have also made plans to go to HamCation

in Florida this year in early February. It is the second largest hamfest in the US and the weather is usually very nice. Last year I got plenty of ideas for new projects. I encourage everyone to try something new this year. DX can be worked on any band and mode. You will be amazed at how much fun it is to try something new. In many cases you may not need to buy new equipment.

Recently I uncovered a dead battery with a nice case and a cigarette lighter plug. I saved the case, replaced the battery with another one I had that would take a charge and used power poles instead of the cigarette lighter plug. Now I have both emergency power, as was demonstrated on Mike KF4BOG's ID-5100, and also a source of portable power for those important antenna or other projects, like finding noise.



**AG4W refurbished and updated an old portable power pack. It was tested on Mike, KF4BOG's ID-5100.**

On Saturday, January 20, I sure had a great time operating. I worked 70cm on Greencube Satellite, gave out 6-meter contest FT8 contacts, worked 2-meter EME, and even tried to make a 70cm EME contact. I could hear PA2V Peter, but he didn't copy me. Then on Sunday morning I worked TX5S Clipperton and UT1FG/MM on the Greencube satellite on 70cm. This month I upgraded to the OZ9AAR terminal program. I wish I had done it sooner. I am still learning some of its features.

With the big freeze I also had time to get caught up on QSLs. It is amazing how many you can still get through the ARRL bureau. It was fun-



## Six Meter QSOs - “You Must Be Present to Win” (continued)

(WSPR) and setup a map to see signals from around the world being reported. Also, DXMAPS (see map on previous page) provides a graphical representation of active stations. One last source is to simply get on the air to determine if any 6m signals are present. Whatever source one may use, the use of several sources will help define if the band is open somewhere.

Just a few days ago, I looked back in my logbook to find that I became active on 6m back in 1996. I wanted to see if I had made DX contacts from years ago. I also recently looked in my logs to go on a data mining escapade to seek and find old QSOs made years ago in order to get my DXCC totals up. My approach was a simple one – seek and find QSOs for DXCC entities that I never sent for a QSL card. My plan was to simply send my QSL card to them, hoping to get a confirmation QSL card back. My goal was to achieve DXCC (confirmation of at least 100 DXCC entities) on 6m. Unfortunately, I was unable to find the necessary QSOs to add to my current DXCC 6m collection. Therefore, I am now on a mission to work as many new countries on 6m as possible, while the high bands are open, taking advantage of the current Solar Cycle 25.

At a few of our NADXC club meetings in recent months, I polled the North Alabama DX Club (NADXC) members regarding DX our members worked. Many of the club’s members have added new DXCC entities to their ham radio repertoire by making QSOs on the HF bands. I was fascinated that several members have added 6m DXCC QSOs to their plan. One must understand and be reminded that any QSO on 6m never comes easy, but requires long hours of dedication or just plain luck to work a new DXCC country on 6m. Cycle 25

offers this opportunity.

There have been many times in the past six months, and going back a year, when I have announced on the club 2m repeater rare DX on 6m. But to my surprise, I do not believe anyone was around to hear my verbal spots because I never saw or heard anyone making any attempt to work the DX. Recently, and within the past month, I worked some fairly rare DX on 6m and fortunately, some members heard my 2m repeater verbal spots and were around to work some VKs and ZLs (approximately 10,000 miles away). I also recently verbally announced the presence of some FKs (New Caledonia). Just a couple of week ago, we had a brief opening to ZL7DX, Chatham Islands which I was able to pick up on 6m. I once again verbally announced this DX on the club 2m repeater, but by the time some of the club members made it to the band, the DX was gone. If you have not already surmised, 6m openings are usually brief and do not hang in there too long. Remember these words of advice, “You must be present to Win”; hence, why we 6m DXers call 6m the magic band.

When a major DXpedition distributes their band plan to operate, I always check to see if they are going to operate on 6m, knowing that sometimes I don’t have any chance to work them. Recently, in mid to late January 2024, a team arrived on Clipperton Island as TX5S and began operating their typical activity utilizing the HF bands 10m through 160m. I went back to see if they would be on 6m knowing the distance was approximately 2200 miles. Indeed, they offered 6m as one of their planned bands.

On January 21, 2024 at 0130Z, I happened to see a spot for 6m EME activity by the Clipperton Island, TX5S team. This drew my interest even though I am not setup on 6m EME, so, I QSY’ed any way to the frequency spotted (50.189

## Six Meter QSOs - “You Must Be Present to Win” (continued)

MHz) and heard FT8 tones. When I began receiving and decoding signals, I heard one station during even transmissions and several stations on the odd transmissions. This was a sign of Fox-Hound FT8 mode. To my surprise and after examining the callsigns, it turned out to be the Clipperton Island, TX5S station working stateside stations on 6m. The TX5S station peaked at +24 signals strength, but I was unlucky to make a QSO at that level. I moved my transmit frequency a few times and kept calling as their signal gradually began to get weaker. When the TX5S signal strength was around “0” and to my surprise, TX5S called me and I successfully worked a new DXCC country on 6m. “Halleluiah!!”

My output power was low power, approximately 150 watts (do not own 6m amplifier). My antenna is merely a 5 element M2 antenna up about 40 feet (Reference Picture 1) which many of our NADXC members saw during our annual picnic by the pavilion. I must note that I was also using my normal Yaesu 101MP HF transceiver that has 6m capability. The software I used on my

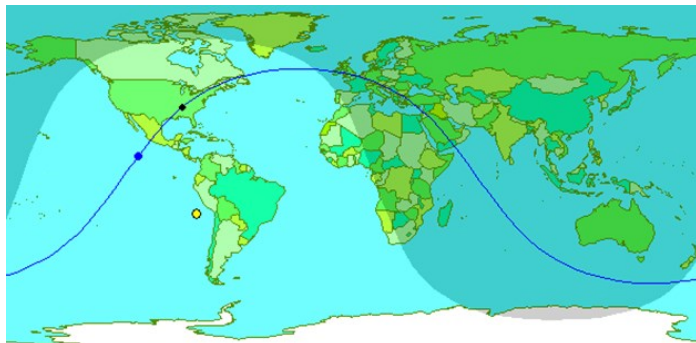


**Picture 1: AC4G's 5-element 6-meter antenna.**

logging personal computer was the freeware, WSJT-X software that allows capability for one to operate FT8, which many DXpeditions have resorted to during weaker signal activity and if propagation is questionable. As one can see, my 6m station is simple and does not require any special equipment to make QSOs on 6m.

When I made the QSO with TX5S on 6m, I

must admit that I had an adrenaline rush and was so elated to work a new DXCC country, especially on the “magic band”. So why the hype? Where is Clipperton Island?



**Map 2: Clipperton Island (yellow dot) and AC4G's QTH (black dot)**

Reference Map 2 of Clipperton Island. Clipperton Island is fairly close, relatively speaking, and is toward the Southwest and off the coast of North America. The distance is about 2219 miles from Taft, TN. The shortpath rotor heading from my (AC4G) QTH is 225 Degrees. Clipperton is a fairly easy DXCC entity to make a QSO as demonstrated by my 6m QSO. Reference Clipperton Island details in the table on the next page.

The hype is that I have added another entity on 6m to my DXCC repertoire. It is so difficult to work countries on 6m as it stands. When the band comes alive and one is surprised to hear rare DX, I am elated to work a new country. Reference Picture 2: FT8 Screenshot of AC4G <-> TX5S FT8 QSO. Even though this was a fairly easy QSO, I believe I could have made the QSO on other modes, such as SSB and CW, but one never knows when the band will drop like a rock, so one cannot be choosy, but take the QSO as it comes.

After I made my TX5S QSO and verbally announced Clipperton Island on the 2m repeater, a couple of our NADXC club members in the Huntsville area fired up their rigs, but could not see any signal trace from TX5S station, even as I was still

## Six Meter QSOs - "You Must Be Present to Win" (continued)

copying the TX5S signal. I could not understand why two members only 25 miles away were not able to copy TX5S signals that I was copying, being within 25 miles of each other. This is part of the 6m meter complexity. I don't understand why 6m behaves as described, but I will note that Johnny, KR4F (NADXC member) performed some analysis several years ago explaining why one NADXC member on the other side of Huntsville was copying a station, while he was unable on the

opposite side of Huntsville on 6m. As I recall, his explanation dealt with their terrain and the angles of attack being received by both NADXC stations being affected by the terrain, but I refer you to do additional research and possibly locate the KR4F program for further details.

Perhaps, I truly did not convince you, the reader, that 6m is a "magic band" and that QSOs on 6m are few and far between. I will tell you that much fun in anticipation of a signal arriving on 6m can be had. I hope this will motivate our members to try the 6m band and find out if 6m is for them. Six meters is fun if you like a challenge. I

am always curious and looking to find interesting and difficult situations and 6m fits the bill. I am glad I was alert, checked 6m band, and "worked a new one" on the "MAGIC BAND". Always remember when operating on 6m, "YOU MUST BE PRESENT TO WIN!"

**Search**

**DXCC**

callsign:

prefix:  entity:  code:

**Location @ 2024-01-23 10:36:37 local**

latitude:  longitude:  SP DX:  cont:  grid:  CQ:  ITU:

location:  IOTA:  time zone:

**Heading**

short:  long:

**GeoMag**

max:  K:

UTC	dB	DT	Freq	Message
015500	5	0.1	486	AD3CV TX5S +03
015530	2	0.1	487	K9CTI TX5S +09
015600	0	0.1	488	K9CTI RR73 AC4G <TX5S> +08
015630	4	0.1	486	AD4G RR73 K3JL <TX5S> +16
015645	7	0.1	1707	TX5S RD4TQ EN57
015645	-3	0.1	1284	TX5S MHCA EN62
015645	-2	0.1	2037	TX5S W07Y -03
015645	-3	0.1	2127	TX5S MR40Q6 -15

Table on upper left: DXCC and location information for Clipperton Island.

Picture 2 on lower left: A screenshot of AC4G's 6m FT8 QSO with TX5S on Clipperton Island. AC4G was present at the right time for the opening and scored a very rare QSO.

## Upcoming DX Contests

By Chuck Lewis, N4NM

### CQWW RTTY WPX Contest, (DIG), 80-10 meters



Feb 10, 0000Z to Feb 11, 2359Z

Exchange: RST & Serial No.

See page 76, Feb. QST and

[www.cqwxrtty.com/rules.htm](http://www.cqwxrtty.com/rules.htm)

### Asia-Pacific Sprint, (CW), 40 & 20 meters



Feb 19, 1100Z to Feb 19, 1300Z

Exchange: RST & serial #

See page 76, Feb. QST and

[www.jsfc.org/apsprint/aprule.txt](http://www.jsfc.org/apsprint/aprule.txt)

### 全国CW同好会

### KEYMEN'S CLUB OF JAPAN

### KCJ Topband Contest, (CW), 160 meters

Feb 10, 1200Z to Feb 11, 2359Z

Exchange: RST + continent code; JA send prefecture

See page 76, Feb QST and [www.kcj-cw.com](http://www.kcj-cw.com)

### Dutch PACC Contest, (CW, SSB), 160-10 meters



Feb 10, 1200Z to Feb 11, 1200Z

Exchange: RS(T), + serial # or PA province

See page 76, Feb. QST and [pacc.veron.nl](http://pacc.veron.nl)

### Balkan HF Contest, (CW, SSB), 80 & 40 meters



Feb 11, 1300Z to Feb 11, 1700Z

Exchange: RS(T) + Serial #

See page 76, Feb QST and [arabih.ba](http://arabih.ba)

### ARRL Intl. DX Contest, (CW), 160-10 meters



Feb 17, 0000Z to Feb 18, 2359Z

Exchange: RST plus State/Province; DX send RST plus pwr.

See page 76, Feb. QST and [www.arrl.org/arrl-dx](http://www.arrl.org/arrl-dx)

### CQ160 Meter Contest, (SSB), 160 meters



Feb 23, 2200Z to Feb 25, 2200Z

Exchange: RS & SP or CQ zone

See page 76, Feb QST, and

[www.cq160.com/rules.htm](http://www.cq160.com/rules.htm)

### REF French Contest (PH), 80-10 meters



Feb 24 0600Z to Feb 25, 1800Z

Exchange: RS plus Serial No.; F stns. send Dept.

See page 76, Feb. QST and [concourse.ref.org/contest/](http://concourse.ref.org/contest/)

### UBA (Belgium) Contest (CW), 80-10 meters



Feb 24, 1300Z to Feb. 25, 1300Z

Exchange: RST plus Serial No.; ON stns. send province

See page 76 Feb. QST and [www.uba.be/en](http://www.uba.be/en)

### ARRL Intl. DX Contest, (PHONE), 160-10 meters



Mar 2, 0000Z to Mar 3, 20, 2359Z

Exchange: RS plus State/Province; DX send RS plus pwr

See [www.arrl.org/arrl-dx](http://www.arrl.org/arrl-dx)

### Stew Perry Topband Challenge, (CW), 160 meters



Mar 9, 1500Z to Mar 10, 1500Z

Exchange: 4 Character Grid Square

See [www.kkn.net/stew](http://www.kkn.net/stew)

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





# DXpeditions in February 2024

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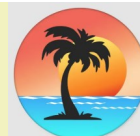


2024 Jan20	2024 Feb10	Morocco	CN2DX	EA5GL	By F5LRL fm nr. Kenitra; 40-6m; CW SSB FT8
2024 Jan25	2024 Feb12	Yemen	7O2WX	IZ8CCW	By OK2WX fm Socotra I; HF w/ focus on low bands; monoband verticals for 160 80 40m; QRV for CQ 160m CW
2024 Feb03	2024 Apr16	Senegal	6W7	Club Log OQRS	By ON4AVT as 6W7/ON4AVT fm Warang; 80-10m; FT8
2024 Feb04	2024 Feb09	Philippines	DU3	LoTW	By WA7WJR as DU3/WA7WJR fm Pampanga; 20-10m; CW SSB + digital; spare time operation; QSL via WA7WJR (B/d)
2024 Feb04	2024 Feb11	Reunion	FR4AV	EA5GL	By FY4JI fm IOTA AF-016; HF
2024 Feb04	2024 Feb11	Vanuatu	YJ	LoTW	By JH3QFL as YJ0AA and JH3VAA as YJ0MN; HF; mainly FT8; QSL via JH3QFL w/SASE (as in QRZ.com)
2024 Feb05	2024 Feb12	Aruba	P49X	LoTW	By W0YK fm IOTA SA-036; HF; CW RTTY; QRV for CQ WPX RTTY
2024 Feb06	2024 Feb20	Antigua & Barbuda	V26CV	LoTW	By KG9N fm Antigua; HF; CW; QSL via KG9N
2024 Feb07	2024 Feb10	Fiji	3D2	Home Call	By YT1AD as 3D2AD, YU3AA as 3D2AB, UA9OLY as 3D2LY, RC90 as 3D2RC; HF
2024 Feb07	2024 Feb29	Senegal	6W7	Club Log OQRS	By ON4AVT as 6W7/ON4AVT fm Warang; 80-10; SSB + digital; QSL via ON4AVT; operation to continue until Apr 13
2024 Feb10	2024 Feb18	Georgia	4L	LoTW	By K6VHF as 4L/K6VHF fm Rustavi; 80-6m; CW SSB FT8 RTTY; 1kw; QSL via K6VHF direct
2024 Feb10	2024 Feb19	Samoa	5W	Home Call	By YT1AD as 5W8A, YU3AA as 5W0AA, UA9OLY as 5W0LY, RC90 as 5W0RCYT1AD; HF
2024 Feb10	2024 Feb24	Juan Fernandez	CB0ZA	LoTW	By NP4G HI3R XQ3SK AB5EB AD5A W8HC N2IC fm IOTA SA-005; 160-6m; SSB CW RTTY FT8 + EME; QSL via N2OO direct w/ 2USD + SASE; dates subject to change; see Web for full QSL details
2024 Feb10	2024 Feb28	Solomon Is	H44MS	LoTW	By DL2GAC fm QI01hp; 160-6m; SSB FT8; 800w; QRV for CQ 160m SSB; QRV holiday style until Apr 29
2024 Feb12	2024 Feb22	Vietnam	XV9WJR	LoTW	By WA7WJR; 20-10m; CW SSB + digital





## DXpeditions in February 2024 (continued)



2024 Feb13	2024 Feb22	Greenland	OX	See Info	By OZ7AM as OX7AM, OZ5DM and OZ7AKT likewise, fm Kangerlussuaq; OZ7AM QRV in ARRL DX CW; HF; CW FT8 SSB; see <a href="http://qrz.com">qrz.com</a> for QSL details
2024 Feb14	2024 Feb24	Guyana	8R7X	LoTW	By M0SDV DK6SP DJ4MX HA8RT; 160-6m; CW SSB FT8 RTTY; QSL via M0OXO OQRS
2024 Feb15	2024 Feb28	Sint Maarten	PJ7	LoTW	By DM7HB as PJ7/DM7HB and DM2PF as PJ7/DM2PF; 20 15 10m; 100w; ground-plane; may use proper PJ7 call signs
2024 Feb17	2024 Feb27	St Kitts & Nevis	V47JA	LoTW	By W5JON fm Calypso Bay; 160-6m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
2024 Feb17	2024 Mar03	Madagascar	5R	S53BV Direct	By S53BV as TBD fm Nosy Be I; 80 40m; CW SSB; 300w
2024 Feb18	2024 Feb28	Tanzania	5H4AYL	OM4AYL	By OM4AYL fm Pemba I (IOTA AF-063); HF
2024 Feb19	2024 Mar09	Wallis & Futuna	FW8	LoTW	By LZ1GC as FW8GC and LZ5QZ and TX8GC fm Wallis I (IOTA OC-054); 160-10m; CW SSB RTTY FT8 FT4
2024 Feb20	2024 Feb27	Mauritius	3B8	LoTW	By OK6DJ as 3B8/OK6DJ; 40-10m; CW; QSL via Club Log OQRS
2024 Feb20	2024 Feb27	Tonga	A35	Home Call	By YT1AD as A35AD, YU3AA as A35AA, UA9OLY as A35LY, RC9O as A352RC; HF
2024 Feb22	2024 Mar07	Temotu	H40WA	LoTW	By N7QT N6PSE VE7NY OE1JUN DJ9RR HA0NAR W7XU N6XG fm IOTA OC-065 (RH29vg); 160-10; CW SSB FT8 (f/h); QSL via
2024 Feb25	2024 Mar04	St Kitts & Nevis	V4	K1ZN	By K1ZN as V44/K1ZN fm St Kitts; HF
2024 Feb25	2024 Mar07	Mauritius	3B8	LoTW	By OH1NA as 3B8/OH1NA; HF; CW SSB FT8 FT4
2024 Feb26	2024 Mar15	Cambodia	XU7GNY	LoTW	By DL7BO; 160-6m; CW SSB FT8; QSL via DJ6TF or Club Log OQRS
2024 Feb27	2024 Mar01	Fiji	3D2	Home Call	By YT1AD as 3D2AD, YU3AA as 3D2AB, UA9OLY as 3D2LY, RC9O as 3D2RC; HF
2024 Feb27	2024 Mar03	Lord Howe I	VK9L		By GM4DLG as VK9L/GM4DLG; 80 40 20m; SSB; 100w
2024 Feb27	2024 Mar04	US Virgin Is	NP2R	LoTW	By K4BEN W3MLJ KC1KUG fm St Thomas I; 160-10m; CW SSB, perhaps FT8; 100w; Spiderbeam, dipoles, sloper; QSL via KC3UII



## Club Business and Announcements

### January 2024 Meeting Minutes and Financial Report

by Barry Barton, WA4HR

January 9th, 2024, Minutes

- Club President Bruce Smith, AC4G called the meeting to order at 6:30pm
- Bruce spoke about the various DX club members worked.
- Bruce also spoke briefly about the budget for 2024. There will be a more detailed discussion of the budget during the upcoming February meeting.
- Meeting adjourned at 6:53pm
- Following the meeting, Steve Werner, AG4W gave an excellent and informative presentation on his recent DXpedition to Cameroon, TJ9MD. Well done Steve.
- There were approximately 25 amateur radio operators in attendance in person and via zoom.

Jan. 2024 NADXC Financial Status	Year to Date
Budget Category	as of 01/31/2024
Year Start	9,131.95
<b>Revenue</b>	
Dues In	40.00
Donation of equipment to sell	
Huntsville Hamfest Donation	
<b>Recurring Expenses</b>	
repeater elect	
web hosting/domain service	-16.88
repeater maintenance	
to HARC for Zoom	
use of museum	
<b>Other Expenses</b>	
Dxpeditions	
Picnic	
DX Plaque	-70.00
<b>DX Banquet</b>	
ticket sales (income)	
venue	
food	
speaker	
raffle	
grand prize	
beer/wine	
soft drinks/glasses	
insurance	
<b>Bank Balance</b>	<b>9,085.07</b>

### Announcement: It's time to pay 2024 membership dues.

Dues can be paid electronically at the [NADXC website](https://www.nadxc.org). Contact Barry, WA4HR (treasurer@nadxc.org) for information about other payment options.



### Upcoming NADXC meeting

Tuesday, February 13th, 2024  
5:45 PM Doors Open / 6:30 PM Meeting

**Presentation:** Zach Rozar, K4ZSR - Becoming the (mini) DX: Operating QRP Portable in Europe

**Location:** Signals Museum of Information Explosion, 1806 University Drive NW, Huntsville, AL 35801 and via [Zoom](#)

## Proposed 2024 Budget

by Bob DePierre, K8KI

February is a good time to discuss budgets and expenses. We just closed out 2023 and are about to approve a budget for 2024. So where are we going, and what are we trying to do?

Here is the rundown of the 2023 financial statement. How did we do? We had planned to drop the bank account by \$463 since we felt we had too much money being held. But we managed to increase the account by \$765. We held the DX banquet in a new location that was a tight squeeze, but worked out great. The venue was far less expensive than others we used in the past. We raised the ticket price pretty substantially for the Banquet last year, but it didn't seem to affect ticket sales. We did manage to lose \$594 on the event, though. The big expense item was support for the speaker, although he was due every penny of it. BTW, we invited the speaker just 3 days before the Hamvention, only to find out that he would be inducted into the Contest Hall of Fame just 4 days later – what a find!

Over the past couple of years, we received a few valuable donations from SK estates and from the Hamfest Committee – to whom we are most grateful. I wish we could budget for those – and actually we are now going through that process one more time. We contributed to four DXpeditions last year, and were helped along in that process by estate donations.

Our proposed 2024 budget currently shows us dropping our bank account by \$455, so we cut back on the DXpedition funding a little, but that will depend on how the donations work out. Last year, AG4W persuaded us to wait until near the end of the year to donate to his highly successful DXpedition to Cameroon. The extra wait turned out well, since so many other DXpeditions

don't get scheduled until the end of the year. So again, we'll wait a bit and see how the donations work out before we increase that line item.

The dues line went up again last year. Hopefully we can keep attracting new members.

We had a really great picnic at the AC4G farm, although the weather was a bit warm. In 20 years, I haven't found a picnic venue as good as Bruce's farm. If you attended, you know why.

Below is the updated 2024 proposed budget, along with the January entries. The board of directors met in January to assemble the 2024 budget, which we intend to vote on at the February meeting.

<b>Proposed 2024 NADXC Budget</b>			
Budget Category	2023 Budget	2023 Actuals	2024 Proposed
<b>Year Start</b>	8,365.65	8,365.65	9,132.00
<b>Dues In</b>	1,000	1,124	1150
<b>Recurring Exp</b>	-683	0	-605
repeater elect	-160	-160	-160
web hosting/domain service	-73	-17	-20
repeater maintenance	-100		
to HARC for Zoom	-50		-50
use of museum	-300	-300	-400
Misc		-23	-475
hamfest donation/M Brown		500	500
<b>Other Transactions</b>			-820
Donation of equipment to sell		1,535	
DXpeditions	-1,000	-1,160	-700
Picnic	-160	-140	-120
<b>DX Banquet</b>	380	-594	-170
venue	-600	-600	-700
food	-2,350	-2,306	-2350
speaker - room + travel	-400	-776	-450
tickets	3,800	3,560	3650
raffle	700	270	400
grand prize	-390	-400	-400
beer/wine/soft drinks/glasses	-250	-237	-200
insurance	-130	-105	-120
<b>EOY Bank Delta</b>	-463	765	-445
<b>Year End Bank Balance</b>	<b>7,903</b>	<b>9,131</b>	<b>8,687</b>

## 2024 Program Schedule

Compiled by Fred Kepner, K3FRK

<u>Meeting</u>	<u>Presenter</u>	<u>Topic</u>
January 9, 2024	Steve Werner, AG4W	Cameroon DXpedition (TJ9MD)
February 13, 2024	Zach Rozar, K4ZSR	Becoming the (mini) DX: Operating QRP Portable in Europe
March 12, 2024	Mark Wohlschlegel, WC3W	CQ DX Marathon Overview
April 9, 2024	Krish Kanakasapathi, W4VKU	VU4A and VU7N DXpeditions
May 14, 2024	Barry Barton, WA4HR	Remote FT8 Operation
June 11, 2024	Rob Suggs, NN5NT	NN4SA Club and Activities Overview
July 9, 2024	Adrian Ciuperca, KO8SCA	W8S Swains Island DXpedition
August 13, 2024	Gene Spinelli, K5GS	TX5S Clipperton Island DXpedition
September 10, 2024		Fall picnic, no September meeting
October 8, 2024	Barry Johnson, W4WB	Elecraft KH1 Features and Operation
November 12, 2024	Bob DePierre, K8KI	K8KI's Views on Wire Antennas
December 10, 2024		Holiday Dinner, no December meeting

### 2024 NADXC Officers and Directors

President            Bruce Smith, AC4G  
 Vice-President    Fred Kepner, K3FRK  
 Sec./Treasurer    Barry Barton, WA4HR  
 Directors:         Mick Bell, N8AU  
                        Bob De Pierre, K8KI  
                        (Ex-Officio)

### How to Join

Come to a club meeting or send in an application by mail (form on [www.NADXC.org](http://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](https://zoom.us).

This edition of The LongPath published by:  
 Fred Kepner, K3FRK

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