

The Pileup

Newsletter of the CDXA

Happy New Year!

2013 is history, and we're already half way through the first month of 2014. In this issue we're taking an in-depth look at a major event from 2013, the K9W DXpedition, with an article from Lou, N2TU, the K9W team leader, that gives some fascinating in-sights into their Award Winning DXpedition from start to finish. Dick, W3OA, is going to wrap up the 2013 contesting season, and get us ready for an even better year in 2014 by covering upcoming events including the ARRL DX Contest, and the 2014 edition of the DX King Contest. We'll close this expanded Pileup with some random pictures from the 2013 Holiday Party.

In other good news to start the New Year, the ARRL has announced that Karl Bowman, W4CHX, a CDXA member and avid DXer who lives in Raleigh, will be replacing Bill Morine, N2COP, as ARRL North Carolina Section Manager. You may have met Karl at the CDXA Holiday Party, or at SEDCO where he won the Yaesu FT-3000D. (See the [October Pileup](#) for a picture of Karl with his new radio.) Bill, also a CDXA member, decided to bow out after four years to concentrate on his family's business. Bill, thanks for all the support over the years, and Karl, welcome to your new position.

N4QT	Hal Bouton	President
W4GRW	Bill Fisher	Vice-Pres.
W3ZL	Cliff Wagoner	Sec.-Treas.
K4MD	Joe Simpkins	Cluster Mgr.
W3OA	Dick Williams	Contest Mgr.
W3GQ	Paul Sturpe	W4 QSL Bureau Manager
WB4BXW	Wayne Setzer	Webmaster
NV4A	John Forbus	Editor

So, let's get the New Year rolling with a look at upcoming events.

Event	Dates	Event	Dates
DX King	Jan 1-Dec 31	CQ World Wide 160 Meter, CW	Jan 24-26
ARRL DX Contest, CW	Feb 14-16	CQ World Wide 160 Meter, Phone	Feb 21-23
ARRL DX Contest, Phone	Feb 28-Mar2	Charlotte Hamfest	Mar 7-8
CDXA Annual Hamfest Banquet	Mar 7	Dayton Hamvention	May 16-18
ARRL June VHF QSO Party	June 14-15	Field Day	June 28-29
CQ World Wide, VHF	July 19-20	Shelby Hamfest	Aug 30-31
ARRL September VHF QSO Party	Sept 13-14	CQ World Wide, RTTY	Sept 26-28
W4DXCC (SEDCO)/Ten-Tec Hamfest	Sept 26-27	CQ World Wide, Phone	Oct 24-26
CQ World Wide, CW	Nov 28-30	ARRL 160 Meter Contest	Dec 5-7
ARRL 10 Meter Contest	Dec 12-14		

Please be sure to put these events on your personal calendar now to minimize the chance of scheduling conflicts arising as we go through the year.

CDXA PacketCluster & Other Communication Systems	
K4MD (AR Cluster via Telnet)	k4md.no-ip.com
W4DXA (AR Cluster via Telnet)	w4dxa.no-ip.com
CDXA Repeater 147.18 MHz (+600)	W4DXA, Near Fort Mill, SC
World Wide Web Homepage	www.cdxa.org
Wednesday Luncheon (11:30 AM)	Skyland Family Restaurant, 4544 South Boulevard, Charlotte, NC

The Commemoration of The Forgotten 98 A Different Kind of DXpedition

2 November- 15 November 2013

by Lou Dietrich, N2TU- Team Leader

Genesis: In the beginning....

Following a taste of DXpeditioning with the Swains Island NH8S group in 2012, I was hooked on DXpeditioning. This had been a lifelong dream since my teenage years. Back then with my EICO 720 and Lafayette HE 10 receiver and simple wire antenna, I imagined how it must be on the other end of the pile-up, that sense of adventure and having others yearning to contact me!

Most of us sit in our shack and chase DX, trying to figure out splits, propagation and then we welcome the warm sense of achievement when we hear our call come back from far off. We are exhilarated and feel accomplished. I had often wondered how the other end must feel.

When the Swains' DXpedition wrapped up and we returned to the other end of the pile-ups, there was something missing. The longing to get back out there, to enjoy the camaraderie of the group and the quest for adventure was calling. Unless you have experienced this, it is hard to describe. DXpeditioners are a breed apart. They are, in every sense of the word, a working unit with a singular sense of purpose. Nothing stops them, nothing.

Where to go to next? That was the burning question.

Being rather naïve at this DXpeditioning game, I asked around and was basically told that most of the top 15 Most Wanted could not be arranged for political, economic and environmental reasons. Looking down the list, I spotted Wake Island. Wake's World War II history had always intrigued me so I began the "quest".

Researching these days is quite easy with the Internet, although a lot of the information is outdated and inaccurate. Information on Wake Island's history is well documented, but how to get permission to visit is clouded with misinformation and dead ends. The first few months were an exercise in futility. My desk was littered with "no longer my job, talk to this person", "try this Governmental department", "can't help you and I don't know who can" letters. Going through channels would be the appropriate route but there weren't any appropriate channels defined! The sum result of this effort was that Wake Island is now a USAF military base and access would have to be granted by them. It was a start!

The Pileup

Official Newsletter of the Carolina DX Association
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Published monthly 10 times per year, excluding the months of June and December.

The purpose of the association is to secure for the members the pleasures and benefits of the association of persons having a common interest in Amateur Radio.

Members of the CDXA shall adhere to "The Amateur's Code" as published from time to time in *The ARRL Handbook for Radio Amateurs*, and shall consist of those valid licensed amateur operators having an interest in promoting amateur radio. Long distance communications (DX) is of special interest to members of the association, but said interest is not a requirement of membership.

Yearly dues are \$25.00. A second licensed Amateur family member living in the same household can join for \$5.00 for a total family price of \$30.00 per year. The total price for 3 or more licensed family members living in the same household is only \$35.00 per year. All family members enjoy full member status. Dues are payable annually in December by check or through [the CDXA website](http://www.cdxa.com), to the Secretary/Treasurer:

Cliff Wagoner, W3ZL
P. O. Box 577
Davidson, NC 28036

Address, telephone, and email address changes should be directed to the Secretary/Treasurer at the above address or via email at: jcw53@cornell.edu.



The Team with their Chariot Behind Them

Contacting the USAF, I learned that civilians were not allowed access to the military base, period, no way, no how.

Back to the drawing board! More research was needed. Another month passed by and I was fully entrenched in the policies and procedures of attempting to get access, but all roads led to the same end. The USAF has jurisdiction and doesn't allow access.

One night, an article about The Forgotten 98 was referenced in my volumes of Wake historical notes. Having never heard of them, I gathered information about the people behind the name "The Forgotten 98". As I dug into the literature surrounding their unfortunate deaths on the shores of Wake Island in 1943, my pursuit took on a different meaning which had nothing to do with ham radio. These Depression era men seeking high paying jobs took assignments in far off locations, and as fate would have it, never returned home.

While reading article after article, an idea germinated! 1943 is the year of their death and 2013 would be the 70th Anniversary of their sacrifice. Wouldn't it be great for Amateur Radio to commemorate the lives and contributions of these men? Amateur Radio is known for our exceptional support of emergency communications but this would be different. We could, through the global reach of Amateur Radio, highlight the sacrifices of these unknown men and their families on the 70th anniversary of their deaths, 7 October 2013.

At this point, the road leads to a legal "blank page". Let me explain. During my research, I contacted a person associated with The Forgotten 98, who acted as an agent with the USAF hierarchy and obtained an endorsement from the General of the USAF-Pacific. Due to a Non-Disclosure Agreement, this person has and will remain nameless, but suffice to say this person fully supported the commemoration and is a friend of the amateur community.

The DXpedition, no, Commemoration planning began! During January, 2013, I contacted Joe Pater, W8GEX, Joe Blackwell, AA4NN, and Craig Thompson K9CT (they became known as the Wake Management team) and informed them we might get access to Wake Island. Being a true neophyte at planning a major DXpedition, I relied heavily on them and in fact, it is doubtful there would have been a 2013 Wake DXpedition without their

knowledge and guidance. There is nothing that stood in their way!

On 13 February 2013, we received the endorsement from the USAF to visit Wake Island and hold our Commemoration.

The research phase was completed, the endorsement received and the monumental task of assembling a Wake 2013 team, equipment procurement, Foundation applications, web design, publicity, material logistics, and USAF coordination begun. During an initial video conference call, I was 'elected' to be the Team Leader. How that happened, I will never know!

Bumps in the road!

As I mentioned in the beginning of this article, The Forgotten 98 Commemoration DXpedition received an endorsement from the highest level of the USAF- Pacific Forces. We subsequently learned this endorsement did not mean we had permission to actually go there! It simply meant the trip was endorsed. Permission documentation had to be developed and reviewed and final approval obtained. from the USAF Second in Command, the Vice Chief of Staff.

To accomplish this, the various staffs of the USAF had to review the volumes of documents which were submitted, first at the unit level, then the Command level and finally at the Pentagon. The purpose and scope of our Commemoration had to be clearly defined and explained to personnel who knew little of Amateur Radio.

In this day of budget constraints, we had to show proof of self funding. In other words, the Government would have to be reimbursed for all expenditures. With an initial budget based on Foundation funding, individual contributions and Team personal payments, the Commemoration was able to provide assurances we would be self funded.

Also, Medical Evacuation Insurance had to be provided by the Team. USAF Medical review and clearance had to be obtained for each member of the Team and documents provided with personal information were assumedly used for background checks.

This took many weeks of reviews, clarifications and escalations and we were getting close to the 7 October target activation. In order to hit the window of 7 October, the paperwork and travel orders had to be completed by 1 October.

Station Planning

The end of September 2013 coincided with the closing of the Government's fiscal year and start of the new budget cycle and it unfortunately, also coincided with the shutdown of the Government. Needing to pay attention to more pressing issues, our Commemoration paperwork went unsigned by the USAF and we missed our travel window. (Flights to and from Wake are every two weeks).

The continuing shutdown again caused a delay two weeks in mid October. Finally, travel authorization was received on 28 October and the group flew to Hawaii to begin our Commemoration.

The Team

The USAF restricted us to a smaller team than on Swains so we enlisted 12 operators. A core team of Swains operators were solicited and quickly joined the team.

Due to the delays encountered by the Commemoration, Carl, K9CS, Tom ND2T and Stu K6TU had to drop out due to personal and work related obligations and were replaced by Jim, N9TK and Ralph, K9ZO. Carl, Tom and Stu continued to support the operation and the Team owes them a debt of gratitude for their pre-assembly, testing and packing activities.

The final on-island Team consisted of:

Joe, AA4NN- QSL Manager
Joe, W8GEX
John, K6MM- Web Master*
Jerry, WB9Z
Jim, N9TK
Ralph, K9ZO
Craig, K9CT
Hal, W8HC
Mark NA6M
Mike, K9NW
Dick, W3OA
Lou, N2TU- Team Leader

*The Team website is <http://wake2013.org/>

During discussion with the USAF, we were offered two locations, an abandoned chapel across from the Arrivals building and the Marina location. Using Google Earth, we were able to establish approximate antenna fields and coax requirements.

The marina site was a good distance from the lodging barracks and this necessitated the movement of the marina operating site to a beach "house" (An open air hut on the lagoon). Fortunately, the Beach House was within walking distance from the barracks. (See the pictures of both locations at the end of the article.)

Colin Bradley, WA2YUN/ KH9 working on Wake as a contractor, arranged for the relocation and his assistance during and after our operation was nothing short of phenomenal. Colin was an integral part of the Commemoration Team. He facilitated the wiring of the chapel for 220V and equipped the Beach House with adequate electricity to support the operation.

Antennas

The Team decided to use two BigIr SteppIR verticals along with a Battle Creek Special for 160M at the CW (oceanfront site). At the SSB (beach house site), there would also be two Big SteppIRs. The SteppIRs performed flawlessly and their ease of installation allowed us to be QRV within hours of landing on the island. There is nothing like pushing a button and have the antenna tune to your desired band! Additionally, a CrankIR was installed and used as a back-up.

We also brought along a TW antenna, used extensively with our fifth (spare) station. This antenna is quite a nice performer! At the Beach House, Colin had previously installed a 6M7JHV (M2), which proved extremely effective with openings to JA, BV, BY and KH6.

Equipment

We chose five Elecraft K3 and KPA500s which performed without a hitch. They are a great combination of excellent receiver performance, lightweight, stable, reliable. In other words, super for DXpeditioning!

For a bit more power on 160M, K9W used the Expert 2K-FA amplifier. Loafing along at 1.5KW into the

Battle Creek Special, this amp helped put over 2200 160M QSOs in the log.

Ten-Tec provided their top of the line headsets, Giga Parts, the Samlex power supplies, foot switches, and antenna analyzers. DX Engineering provided the radial plates and coax connectors. InnovAntennas sent us 6M yagi, Msquare 6M loop, Vibroplex, the Iambic keys and TW antennas. In short, the equipment manufacturers stepped up big time to support our Commemoration. Check the wake2013.org sponsors' page for a complete listing of very generous sponsors.

Logistics

Getting all the equipment and site specific material to Wake Island was a monumental task. Every piece of gear had to be procured, inspected, pre-tested, loaded with software (N1MM), packaged for overseas shipment, weighed, externally marked, and delivered to a 'marshaling' center.

Tom ND2T, John K6MM, and Kevin K6TD took on the task of pre-assembling and testing the SteppIr equipment.

Craig K9CT tested the Elecraft rigs, laptops, CW and RTTY interfaces.

Jerry WB9Z, Val NV9L, and Carl K9CS, assembled and packed the coax and connectors.

Dick, W3OA, purchased the site specific material and stuffed three foot lockers.

W8GEX- Packaged and shipped the radial plates.

N1DG- Overall logistical guidance and support.

Once this was done, all the material was shipped to Kimo, KH7U, in Hawaii. Kimo inventoried the equipment, pre-staged it and subsequently delivered all 1400 pounds of material to the USAF at Hickam Air Field. He was a one man warehouse and freight forwarder.

From Hickam, the material was in the hands of the USAF, who delivered it to Wake and stored it in an environmentally safe area awaiting our arrival.

Arrival and Operation

Our transportation to and from Hawaii to Wake Island was on a military chartered flight. The Team took this opportunity to relax and prepare for the next two weeks. Once on Wake, we were ushered into an orientation meeting and briefed on the restrictions of the military installation.

After the briefing, the Team settled into the barracks and then dove right into the previously delivered equipment pile. This is where our pre-planning paid off, Big Time!

As part of the logistics plan, all material was marked with a site identifier, CW or SSB. It was then a simple matter of breaking down the pallets and loading the equipment onto a flatbed truck provided by Colin, WA2YUN.

The Team split into previously assigned sub-teams for antenna installation and station set-up. This worked out perfectly. As the antennas were being installed, Craig, K9CT and Mark, NA6M set up the station's rigs, amps and laptops. By the time they had completed their work, the antennas were ready.

At around 6PM (local), K9W was ready to rock and roll. After a couple hours of rest, The Forgotten 98 Commemoration began at 0757 UTC, 2 November with JA1ADN the first QSO in the K9W log.

The Team schedule, developed by Dick W3OA, called for a rotating shift schedule. This schedule, 4 on, 8 off, 4 on, 8 off and then 3 on and 6 off, provided for adequate rest periods and rotating shifts, allowing the Team to operate different propagation openings. During the entire operating period, no one missed a shift and some stayed for multiple shifts, demonstrating the determination of this Team to get you in the log! It was a dedicated Team effort.



Keeping the Commemoration aspect of this DXpedition in the forefront, the SSB stations frequently announced information regarding The Forgotten 98. On Veteran's Day, the Team had a prearranged schedule with Don, KA7T in Boise, Idaho, which was the home base for the employer of the Forgotten 98, Morrison- Knutsen. During the contact, a eulogy, written by Bonnie Gilbert, was delivered by Lou, N2TU, as well as an emotional reading of each of the 98 names. This event was taped by a Boise TV station and aired locally.

The K9W Team also presented a 48 star World War II era flag to the USAF with the K9W logo enclosed. This Flag, in a display, was hung in a place of honor in the Drifters Reef above a



relic of a 50 Caliber machine gun used by the defenders of Wake Island in 1941. That's Lou, N2TU and Ralph, K9ZO, in front of the display.

Toward the end of the operation, the Team took time to visit the POW rock. This rock was carved by one of the Forgotten 98 and is a place of remembrance and reflection on those unfortunate men caught up in the turmoil of war.



K9W's last QSO was with OH1LA, 0725UTC, 15 November, and with that last contact, the Team had worked a total of 100,062 QSOs, including about 32% of them from Asia, 27% Europe and 35% NA, a truly remarkable feat with 4 active stations. Extraordinary effort was put into EU QSOs, as the propagation to Western Europe in particular, was very difficult. Each site was provided with propagation forecasts develop by Stu, K6TU.



A Few After Thoughts.

As documented recently, the costs of activating these 'rare' ones are escalating to astronomical levels. Remember those days when a single QSO with a rare entity more than sufficed? Well fellow DXers, those days are over! Challenge Awards, Leader boards and multi- mode activities have dramatically increased the demand for group operations with multiple set-ups. So when you hear about the costs associated with these DXCC entities and wonder why they are so expensive, look in your log and see how many band/ modes you've filled. It is a fact that each QSO you made equates to a dollar amount required to put these rare ones on the air.

Credits and further 'Thank You's'!

It is impossible for the Team to thank each and every supporter of this Commemoration. The worldwide Clubs, Foundations and the individual donors made this happen; your support and encouragement was nothing short of remarkable. We, the K9W Team, collectively thank you!

Our Pilot Stations, headed up by Val, NV9L, consisted of Hiroo, JA1WSX, Col, MM0NDX, and Stan, KH6CG provided on-time reporting of the world's needs and operating hints. Stu, K6TU did a fantastic job of developing propagation forecasts used by the Team and Don, N1DG was instrumental in guiding the Team through the 'ins and outs' of Logistics.

Margarett Blackwell and Janet Pater guided the Financial and Fund raising support, which proved invaluable, as we found out when dealing with the self-funding issue.

Elecraft, SteppIR, DX Engineering, Array Solutions, Ten-Tec, Expert Amps, M Squared Antennas, InnovAntennas, TW Antennas, Vibroplex, GigaParts and Primus cable and connectors supported this DXpedition. Their unwavering, generous support and sometimes unsolicited contributions greatly added to the success of our mission.

Thank you for a great DXpedition and please remember The Forgotten 98 and their Families. These men are war-time heroes and our Commemoration honors their lives and achievements.



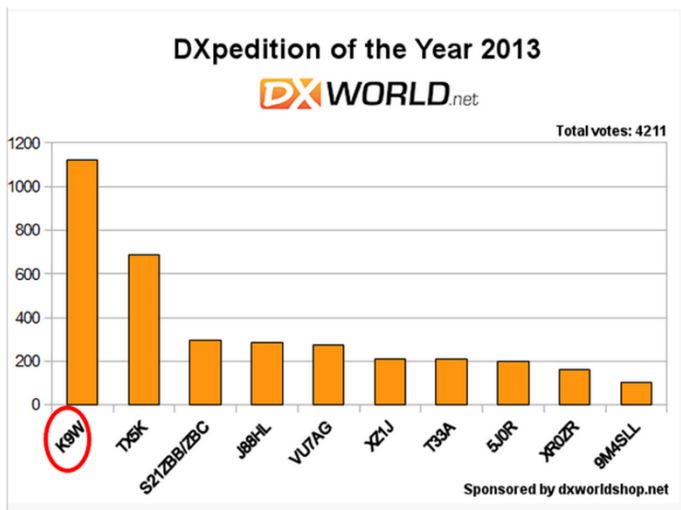
AA4NN hard at work on CW, and W3OA appearing happy to take over at SSB from Joe, W8GEX (...or maybe it was the other way around!)



Operating Locations. The Chapel and the Beach House

**...Wrapping Up With a Few More Pictures
...and a Big Award**

K9W has been named the 2013 DXpedition of the Year by DX WORD.net.



DX King News
Dick Williams, W3OA

Item 1: The 2013 competition is over and the entry submission deadline has past. The 2014 competition has started. See the announcement in this issue of the Pileup.

Item 2: Here are the scores for the 2013 DX King competition I have as of December 31:

Call	Category	Countries	Zones	Total
K5EK	Unlimited	285	40	325
K7BV	Unlimited	279	40	319
AA4SC	Unlimited	277	40	317
W4HG	Unlimited	276	40	316
WA4DT	Unlimited	267	40	307
W3GQ	Unlimited	263	40	303
K4GHS	Unlimited	255	40	295
W7DO	Unlimited	250	40	290
AA4R	Unlimited	220	40	260
W3ZL	Formula	215	38	253
K4NC	Unlimited	211	39	250
K2SX	Unlimited	209	40	249
N4PQX	Unlimited	200	40	240
K8YC	Unlimited	197	39	236
K4FS	Unlimited	192	40	232
NK0S	Unlimited	185	40	225
N2TU	Unlimited	183	40	223
W3OA	Unlimited	184	39	223
NV4A	Unlimited	171	38	209
W1AJT	Unlimited	154	36	190
W4CWA	Unlimited	152	35	187
K1MIJ	Unlimited	146	36	182
KU4V	Unlimited	145	35	180
KZ2I	Unlimited	138	38	176
W4WNT	Formula	140	31	171
W4UFO	Unlimited	121	30	151
K4DXA	Unlimited	114	31	145
KI4TZ	Unlimited	110	33	143
K4UWH	Formula	99	24	123

2013 CQWW CWAC Wrap UP

Dick Williams, W3OA

CDXA's total score in the 2013 CQ Worldwide contest was just over 36 million points, almost evenly split between the SSB and CW portions. CDXA members competed for first place Contest Within A Contest (CWAC) awards in six categories. Each winner got his choice of a trophy or a fifty-dollar gift card for Outback Steak House. The winners were:

Top Combined Score – K5EK, 5 million 863 thousand points

Top Phone Score – N4ZC, 4 million 775 thousand points

Top DXpedition – K2SX, 3 million, 684 thousand points

Top Phone Score, Low Power – K4NC, 459 thousand points

Top CW Score – W3GQ, 2 million 273 thousand points

Top CW Score, Low Power – AA4R, 1 million 401 thousand points

Members who completed 1000 or more QSOs combined in the phone and CW contests each received a trophy or a twenty-five-dollar gift card for Outback Steak House. These winners were:

K2SD K7BV W3OA W7DO

Members who completed 500 or more QSOs combined in the phone and CW contests each received a certificate and a chance to win a \$25 gift certificate. There were eight winners:

AA4V AG4C K6RM KU4V NV4A W3SA W3ZL W4WNT

Members who completed 250 or more QSOs combined in the phone and CW contests each received a chance to win a \$25 gift certificate. There were seven winners here:

K1MIJ K4LY K4ML K8YC N2TU KZ2I WA4DT

WA4DT won the drawing for the gift certificate.

Here are soapbox comments (edited) I received from CDXA members after the CW contest:

AA4V: 7 hours of operating in 3 segments. 80% cqing 20% s&p (assisted).

K2SD: Lots of fun...

K2SX/PJ7W: Preliminary results for PJ7W about 6200 QSOs, 11M points as M/S. The 160M antenna did not work so only 1 QSO on that band. Also some trouble with the Butternut on 80M so low QSOs there. The other antennas worked well. Nice condx.

K5EK: This is the first year I worked all zones in a contest - and both contests to boot. Not as much fun as previous years - way too many high speed cw demons on the air, which takes the fun out.

K6RM: Well, despite the house-guests I was able to get enough Q's to reach the combined Phone/CW total of 500 to qualify for a CDXA certificate!

K4LY: And the winner is.....not me! Had the most fun though. Couldn't run with the big dogs so waited in line and worked most of what I could hear. Ran 950W with Acom 1000 and used HiZ triangular receiving array. The story: A week ago I put up a wire antenna to see if it would be better than some dipoles and my Hytower. It is! With an EZ-Hang sling shot, I got lines over a 75' tree behind the house and a 55' tree in front of the house. Using my two 66' towers at either end of the house, I got a square 80M FW loop up about 65 feet fed with ladder line at a corner. It's almost invisible 20 gauge copper clad. I wouldn't expect an 80M loop at 1/4 wl height to be very good, but it's better than the Hytower and also dipoles at a similar height. Pretty good on 10/15/20 too. I played QRP on those bands this afternoon with my Flex 1500 and made 80 QRP contacts in 75 band countries in a couple hours. No doubt, my little Hygain Trs Jt tribander is better but it's laying on the ground. Heard a dozen more 80M countries and about 5 more zones. Never imagined I'd come close to 80M weekend DXCC with my wire.

K7BV: Sorry couldn't put in more time.

K8YC: The Spiderbeam made a noticeable difference in working this contest. I found myself in pileups a very short time compared to what I had experience with vertical antennas--even when running a linear amplifier--and for this contest I was running "barefoot". I only operated in the first three hours of the contest on Friday night before beginning again about mid-morning on Sunday and running to the end. Therefore my QSO count wasn't as high as if I had been up early on Saturday and Sunday mornings and worked the whole day on Saturday. Sunday I got up to see if I could find Bangladesh on the air. They were there on 12m Phone, and 20m RTTY as I recall. Didn't work them, though, but while looking at the cluster I saw ZS8C pop up again (as he had done on Saturday morning) at about 28659.9 KHz. The excitement of early Sunday was putting ZS8C in my log for DXCC #327 only a few days after putting up the Spiderbeam and putting S21ZBC in my log--two all time new entities in the span of three days. What a joy having an antenna that lets me really hear DX.

W4WNT: Lots of activity in the CW contest, but not as much here as in the Phone contest. 10m was probably the most activity again.

2013 ARRL Ten Meter Contest Wrap Up

Dick Williams, W3OA

CDXA's total claimed score in the 2013 Ten Meter Contest was just over 3.5 million points. We again offered four prizes to encourage participation. Each was a fifty dollar Outback Steak House gift card. Three prizes were for the three top scoring entries and one prize was raffled off among remaining entries that made 100 or more contest QSOs. The high scoring winners were announced and the raffle was held at the CDXA lunch on December 18. Here are the results:

First Place – K5EK, 969,722 points
Second Place – W3OA, 648,540
Third Place – K2SX, 632,530 points

Seventeen operators were eligible for the raffle prize:

AA4R AA4V K4FS K4KAY K4NC K6RM KI4TZ KU4V N1GC N2TU N4DKF W2ZV W4DEE
W4GRW W4WNT WW4CP WW4DD

N1GC won the raffle.

Here are soapbox comments (edited) I received from CDXA members after the Ten Meter contest:

AA4V: 3 hours on Sunday from 13Z through 15Z

AE4VJ: I only operated when I had some time between projects at home, but I enjoyed it and picked up some new ones so I think that's what really matters. Not enough contacts to get in the raffle, but that's ok...next time :)

K2SX: Three Christmas parties plus a golf tournament cut way too deep into available time but it was fun when I managed to get on. Nice condx. (*Ed: And he still placed third place in the Club.*)

KI4TZ: I was unable to operate as much I would have liked but nice to get back in the chair and give it a go. I uploaded my contacts to LOTW last evening after the contest and checked today, 23% were confirmed already this morning. You have to love technology...

KU4V: Sunday morning I was working Germany and New Mexico back to back in a pile up. Qatar, Asiatic Turkey, and Mozambique called, with a few AZ and CA's thrown in. Crazy stuff. 10 was wild - hope it is not the best we see for another 11 years, but could be. We'll be too old by then to push the foot switch because of knee arthritis or surgery!

W2ZV: Ran a 10 meter 2 ele beam hung off the rafters in the attic pointed west and a 10 meter dipole at right angles to it to cover north and south. The high point was when I Worked Japan, Australia and New Zealand. Not bad for 100 watts SSB and all the antennas being in the attic.

Win Outback Gift Cards and Trophies in ARRL DX Contest

Dick Williams, W3OA

The ARRL International DX Contest is just around the corner. The CW contest starts February 14. The phone contest starts February 28. We are again offering great prizes to encourage you to participate and contribute to CDXA's Club Score.



Our scores for the last several years are shown below. The last column shows where we ranked among all club entries in the medium category, 50 or fewer entries.

Year	CDXA Score	Number of CDXA Entries	Rank in Medium Club Category
2007	7,910,718	30	9
2008	11,293,344	43	3
2009	10,157,613	36	7
2010	22,155,432	46	3
2011	26,587,443	47	5
2012	23,932,758	47	4
2013	26,958,444	49	4

You can see we have been in the top 10 for the last six years. We want to stay there with a chance to move up in 2014! To this end, we are offering the following prizes:

First place prizes – Each winner can choose a trophy or a \$50 Outback Steak House Gift Card (also good at Carrabba's Italian Grill and Bonefish Grill) . The DXpedition and Multi-op prizes will only be awarded to an entrant whose score is high enough to have won one of the other first place prizes.

- Top combined CW plus phone score
- Top phone score, low power
- Top CW score
- Top Multi-op score
- Top CW score, low power
- Top DXpedition Score
- Top phone score

1000 or more QSOs total in the CW and phone contests –
-Each participant can choose a trophy or a \$25 Outback Steak House Gift Card.

500 or more QSOs total in the CW and phone contests – ----
-Each participant gets a photo printed CDXA certificate and a chance in a raffle for a \$25 gift card.

250 or more QSOs – Each participant gets a chance in a raffle for a \$25 gift card.

An individual can only win one prize. Only members whose scores are eligible for the club competition (meet the 175 mile criteria) as defined in the contest rules can win a Gift Card or a trophy. These rules are available at <http://www.arrl.org/arrl-dx>. All CDXA members are eligible for the CDXA certificates. Prizes will be awarded based on your claimed score.

Let me know if you have any questions, suggestions, or need help in preparing for the ARRL DX Contest.

And please let me know if you are planning a DXpedition for the Contest.

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Announcing CDXA's 2014 "DX King" Competition Class Definitions Change for 2014

Dick Williams, W3OA

CDXA will run its "DX King" Competition again this year. For 2014 we will again raffle off a tablet computer.

Our DX King competition is based on CQ magazine's DX Marathon. The goal of DX Marathon is to "work as many countries and zones as possible at least once during the calendar year." This can be inside or outside other contests.

Here are some of the main features of the DX Marathon rules:

Your score is number of CQ countries worked plus number of zones worked during the year, e.g. 347 countries (see <http://www.dxmarathon.com/countrieslist/countrieslist.htm>); 40 zones.

There are now three entry classes (the full rules are much more specific in defining these classes):

Unlimited - anything legal.

Limited - 100 watts with verticals, wires, and/or a small directional antenna.

Formula - 5 watts or 100 watts with verticals and/or dipoles.

QSLs are not needed.

The use of Packet Cluster spots and other forms of assistance is permitted.

CQ provides an Excel spreadsheet for score submission.

Submit your scores to CQ by January 10, 2014.

The full rules are at [http://www.dxmarathon.com/Rules/2014/2014 Rules.htm](http://www.dxmarathon.com/Rules/2014/2014%20Rules.htm). You should study these before you start making contacts as there are many important points not mentioned here.

Here are the rules specific to our DX King Competition:

Certificates will be awarded for the top five scores in each of the three classes.

For 2014, there will be a tablet computer awarded by a raffle among entrants scoring 150 or more points.

Final standings will be determined by the DX Marathon scores published in CQ.

After reaching a score of 100, members are expected to report their current score monthly to the Contest Manager.

Scores will be published throughout the year in the Pileup.

There are many tools available to help you keep track of your Marathon Progress. Several were discussed in previous issues of the Pileup. See <http://cdxa.org/pileup/archives/cdxa0810.pdf>, <http://cdxa.org/pileup/archives/cdxa0901.pdf>, and <http://cdxa.org/pileup/archives/cdxa0902.pdf>.

A lot of our members enjoyed this competition over the last five years and we are hoping more will participate in 2014. Score keeping is relatively simple and can be almost automatic. And it's another reason to get a large number of QSOs in this year's DX contests in addition to working a lot of DX throughout the year.

2013 CDXA Holiday Party

For the 2013 CDXA Holiday Party (and Annual Officer Elections), held Dec. 5th, we returned to The Toast of Dilworth for another fun time. The turn-out was great, and all the face to face QSO's were enjoyable. We dispatched with the Officer Elections quickly, as all the current officers agreed to stay. Here are some random shots, and a few with equally random captions, taken while your photographer/editor wasn't busy eating or talking.



Cheers!



K8YC and W3OA Chatting with new ARRL
NC Section Manager W4CHX



You haven't paid your dues???





ARRL SC Section Rep Marc, W4UFP, also made it to the party



CDXA Prez Hal thanks our serving staff



But Wait, There's More

Although it may be hard to believe, winter will be over ...eventually, and the 2014 Charlotte Hamfest™ isn't that far away either. It's going to be a Friday and Saturday event again this year, on the 7th and 8th of March. We'll have more information on the hamfest and CDXA dinner next month. So you can do some early planning, though, be advised that CDXA members will be able to put one item for sale on the MARS (W4BFB) table this year. So be thinking about what you most want to get rid of ...in the ham radio department, that is.

The Back Page

- Happy New Year!
- Lou, N2TU, provides an in-depth look at the K9W DXpedition, beginning on Page 2.
- Don't forget to copy the 2014 "events" list from the chart on Page 1 to your calendar, so you don't miss any of the fun in 2014.
- The preliminary 2013 DX King results are shown on Page 8, and information on getting going on the 2014 edition is on Page 11.
- CDXA's results in the 2013 CQWW contest, both phone and CW, are detailed, starting on page 9.
- Check out Page 10 for information which will help you get ready for the 2014 ARRL International DX Contest.
- See if you can find yourself in the pictures from the 2013 CDXA Holiday Party, on Pages 12 and 13.
- Don't miss the announcement buried at the bottom of Page 13 that CDXA members will be able to place one item for sale on the MARS table at the hamfest in March.

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First Class Mail

See something wrong with your address label? Notify W3ZL at once, please.