

Rochester DX Association



February Monthly Meeting

This month's topic
will be about QSL cards.

**Tuesday, February 19,
7:30pm**

**Monroe County EOC
1190 Scottsville Road**

In This Month's Issue:

- Details of the CW skimmer at the AWA
- Mobile DXing
- Selling Your Radio? Here's One Ops Tips
- Details on the Shorted Grid & KE2WK Awards
- And More

RDXA News

By Brent Hungate, KC2QLJ

The next meeting of RDXA is Tuesday February 19th at 7:30 PM at the Public Safety Training Facility, 1190 Scottsville Road, Rochester. Meetings are open to all amateurs, and you don't need to be a member to attend.

The winter months are upon us, many of us are actively taking advantage of the good band conditions and the numerous contests. This month we will be doing a round table discussion on confirming these contacts. Do you have a neat QSL card and possibly a story to go along with it? Are you using QSL cards, do you mail them yourself or possibly use the bureau or are you possibly using LOTW? Come join us and share your experience of that great contact you have made and what it took to do it. Please come out and join us for a great night of fellowship. There will be a pre-meeting get together for food and an 807 at MicGinny's, 2246 East River Road starting around 6 PM. I would like to remind everyone to visit the new RDXA website at www.rdxa.com where you can learn more about what the club is up to. 73, and hope to work you on the bands.

CW Skimmer and The Antique Wireless Association

By Paul Mackanos – K2DB

The Antique Wireless Association has graciously agreed to be the home for the equipment for a CW Skimmer project for the Rochester DX Association. The equipment for this project is housed on the top shelf in one of the buildings in Bloomfield. I will give you a little background on what is happening.

This project is designed for and only works with the CW (Morse code) mode of operation. With the advancement of technology, there is now a skimmer available for digital modes; RCKskimmer by DL4RCK, and I have heard talk of several individuals who are developing skimmers for the RTTY and SSB modes. It looks like a bright future for these new technologies, and maybe more liaisons between the two organizations.

What is a CW Skimmer?

CW Skimmer is a computer software package, available from Alex Shovkoplyas, VE3NEA, at www.DXAtlas.com. Combined with an amateur radio transceiver (or receiver), or with Software Defined Radio (SDR) hardware that is readily available, CW Skimmer will enable operators to be aware of every CW signal that is going on across large segments of any amateur radio CW band.

That is it, in a nutshell, what it means is that once the equipment is set up, and in operation, it continuously monitors the entire CW segment of any amateur radio band. In our case, the Software defined radio receiver is capable of operation on all bands from 160 meters thru 10 meters, including the WARC bands of 30, 12 and 17 meters. At the present time, we mostly leave it on 40 meters, where it monitors from 7.000 to 7.096 KHz.

We started the implementation of this project many months ago, first by asking and getting permission from the Antique Wireless Association to house the project, and the Rochester DX Association to approve the project. The Rochester DX Association wants to thank Lynn Bisha, W2BSN, for being our liaison between the two organizations. The AWA location is perfect for this project, it is out in the country, away from most “man made” noise that is prominent in city and high density population areas. This makes the noise floor of the receiver very low; therefore very weak signals can be heard that would be lost in the noise in other locations.

What we needed for this project were the following:

- 1) A SoftRock receiver capable of tuning all of the HF CW bands.
- 2) A case to hold the receiver.
- 3) A registered copy of CW Skimmer from DX Atlas
- 4) A computer with internet access (AWA has the internet access)
- 5) A decent sound card 96K and 24 bit
- 6) A decent multi-band antenna (AWA has a Cushcraft R-7000 Vertical)
- 7) A decent 13.8 volt power supply or power supply battery combo.
- 8) Remote control software to control the computer, receiver, etc from a remote location.

The RDXA, through announcement of the project and donations of equipment and software by many of its members, completed the equipment needs and proceeded along with the project.

Paul Mackanos, K2DB, gathered up the equipment, and with the help of software guru Larry Brightenfield, W2LB set up the equipment at the Paul's office. They worked together on getting all of the equipment set up and running correctly. As this project was to be housed in a location that was not readily accessible 24/7, we needed to have remote software to control the computer thru the internet and the CW Skimmer equipment. The other issue we needed to address was the possible loss of power to the equipment. Larry set up the

computer to reboot the computer on loss of power and wrote a software script that would run the proper software programs to bring the CW skimmer back on line automatically. When this was all completed, we made arrangements with the AWA and relocated all of the equipment to its new home.

So what does this mean, what does it do, why should you care?

Well the first thing that happens when the equipment is set up and online, is that all CW stations on the band that the CW Skimmer is monitoring that are calling CQ or using the word TEST, followed by their call sign will be decoded and sent to another software program that runs in conjunction with the CW Skimmer software. This program is called Aggregator, this program interfaces with the CW Skimmer software and the Reverse Beacon Network.

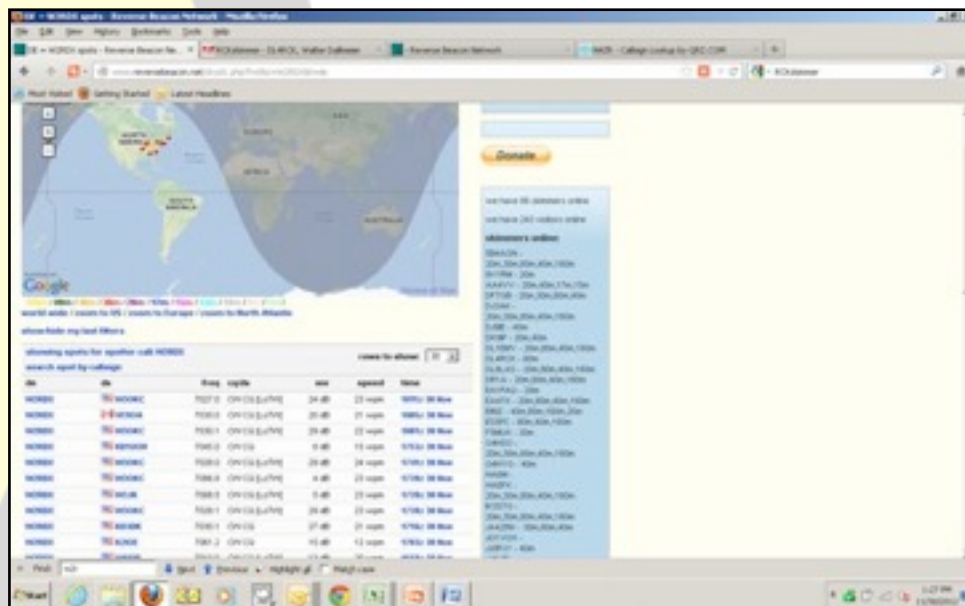
The Reverse Beacon Network is a revolutionary new idea. Instead of beacons actively transmitting signals, (just like the Rochester VHF Beacons do on the same shelf as the CW Skimmer equipment) the RBN is a network of stations listening to the bands and reporting what stations they hear, when and how well they hear them, in real time.

You can see band openings in near-real time on an animated map. You can call a quick CQ, and see which reverse beacons hear you, and how strong you are. But the real breakthrough is in the database of past "spots". You can instantly find out what stations, from a given country or zone, have been heard, at what times and on what frequencies. You can see when you've been spotted, who spotted you, and how loud you were.

"But wait," as they say on the TV ads, "there's more!" Now, for the first time, you can compare your signal with those of your friends and competitors, in near real time or historically. If you wonder how your signal stacked up during last weekend's contests, the Signal Comparison Tool will give you real, quantitative data. Tell it what stations you want to compare, based on signals heard by a given reverse beacon on a certain band at a certain time, and there you'll have it. Of course, whether you like what you see is up to you.

The Reverse Beacon Network depends on volunteer stations, and now the RDXA with the help of the AWA is one of those volunteer stations. Currently, as I am writing this article, 87 skimmers are on the air worldwide, some active almost 24/7, others coming up only occasionally. The reverse beacon network can be accessed at: <http://www.reversebeacon.net> go ahead and go there and check it out, you will be amazed at what you can find out.

The RDXA Skimmer can be accessed directly by going to: <http://www.reversebeacon.net/dxsd1.php?f=0&c=W2RDX&t=de> you will see the activity and spots put out to the RBN by the W2RDX skimmer. Here is a screen shot I just took of it:





Upper left: computer. Upper Right: Software Defined Radio

Lower left: Battery for Receiver Power. Lower Right: Cushcraft R-7000 Vertical antenna

I would also like to thank Pete Smith N4ZR, who was one of the originators of the reverse beacon network for his time and all of those phone calls over the years for his help and support.

73, and remember to always have fun.

If you have any further questions, please feel free to send me an e-mail, and I try to answer your questions.

— Paul Mackanos, K2DB, k2db@k2db.com

Great Website

I ran across this website by Jim Brown, K9YC through the Elecraft K3 reflector. (I'm getting ready!) Jim is a retired audio professional who maintains an excellent website that has many great publications and presentations on a number of topics. Of particular interest was his fine paper on **RFI**, a recent hot topic on both .11 and the Roc City net. He also has several others available including a great one on limited space 160 meter antennas. Jim has put a lot of time into these

publications with clear concise explanations and theory. He has presented them to numerous club and professional gatherings, always with great reviews. Definitely worth checking out:

<http://audiosystemsgroup.com/publish.htm>

73, Doug, N2BEG

Mobile DXing At N2BEG: The Year In Perspective

I was looking over my scratch pad log from my car where I scribble down contacts before I transfer them to my mobile logbook. (NOT while in motion) I thought it would be interesting and about time to add things up to see if how I have done with my mobile DX goals. All of my operating is casual, usually to and from work (about 23 min each way) and only a handful are contest Qs. The bands I work are 20, 17, 15, 12 and 10 with 17 being my favorite and most productive. Most of my contacts are CW, but phone is far easier while moving.



For those that don't already know, my mobile set up consists of an Alinco DX-70 which I have the separation kit for. The head is mounted on a small camera tripod that sits in my front cup holder and allows adjustment for the optimum viewing angle. The rest of the radio is under driver's seat. My V2L paddles occupy the rear cup holder and sit at an angle that fits my armrest perfectly. Antennas are

hamsticks for the various bands. I made a homebrew rear stainless license plate mount that is bolted directly to the frame of my 03 Lancer.

Since last January I have managed over 175 Q's in the car, with 96 DXCC entities (not including NYQP.) If I go a little further back the total goes up to 105 countries. My personal goal was 100 countries in a year so I fell a little short, but I had a distraction or two along the way.

The highlights of my QSOs this past year have included a number of memorable moments. I have found that the /m on the call works wonders in pileups. I managed 3 band slots for HK0NA, snagged ZK2V, TX6T (The VP6T Pitcairn team returning home, I missed them on VP6 from the mobile though) 3D2, VR2, JX, JY,JA, ZL, VP8,UA0, AO1,V5,ZS2, A6, etc., etc. I also logged our own WJ2O while Dave was in KH6.

My setup seems to be optimal on 17 for whatever reason. It seems that if I can hear them I can work them on that band and get consistently good signal reports, even a "Wow, big mobile signal" from the HK0NA gang. I can often work into EU at sunrise or a little before when they hear few other NA callers.

I will continue to rely on my mobile rig while we wait to get back into the house and I get some time to get a shack back together. Hopefully we see the sunspots get going again soon and the higher bands begin to come into play. Maybe I'll shoot for 200 countries this year. What have you been up to? Tell us about it!

73,

— Doug, N2BEG/M



How To Make A Radio Sale

Some of you might know that I recently experimented with HF mobile operation. I decided that operation on HF while mobile was more distracting than I anticipated – and too distracting to be safe. That, combined with the high RF hash noise the radio picked up when the engine was running helped make my decision – mobile HF is not for me. So, before the weather turned frigid, I purchased a new dual band radio for the truck and pulled out the HF rig, knowing it had to be sold.

I knew the radio was solid on 2M and 70cm, and had used it a few times on HF (primarily 40 and 20M SSB), but I wasn't really sure of the overall health of the radio. For those not familiar, it covers 160 – 10, 6, 2, and 70cm. I wanted to confirm to myself that all was fine with the radio before offering it for sale. I decided to do some basic key down testing on the HF bands (while connected to a dummy load) as well as receive tests done while connected to a vertical antenna. I made a quick visit to K2MP's parts warehouse to borrow a higher current power supply (biggest I had available was a 14A supply – but radio needed at least 20) and set up my makeshift test bench.

As I worked my way through the bands, I thought – how nice it would be to provide this visual confirmation to a potential buyer. Hmm, I have the camcorder

and a tripod, that's all I need. I set the camcorder up on the tripod so the radio, wattmeter and power supply were framed in the camera and started to record. Testing on all bands verified the radio had full 100 watts out (drawing a little over 20 amps). I then, with the camera still recording, went back through the bands – but with the radio connected to a vertical antenna looking for signals. I tuned in both SSB and CW signals – all the while narrating what I was doing for the viewing audience.

When finished, I had a 17 minute video. As downloaded from the camcorder to the computer, the .mpg video file was 563M! Way too big to distribute easily. After conversing with a co-worker, I tried to upload the video to youtube.com (had to register for a gmail account first!). This person also suggested converting it into a different format – like that used by phones or IPODs to also shrink the size. I downloaded some free software and converted the file to .mp4 format and the size was reduced to 46M. Unknown to me was that youtube has a 15 minute limit on videos – though they will allow longer videos. I followed a link with instructions to request a longer upload time, and had to fill out a form with a telephone number where I could be reached. Seconds after submitting the form, the phone rang with an automated voice

providing me with an access code that would allow longer uploads. Armed with the new code, I was now allowed to upload my IPOD formatted 17 minute video. I set the status to “unlisted” which meant anyone could see it if they knew *where* it was (no need to provide a password to view). It would not show up in searches.

So, getting back to the first paragraph, I posted an add first on eham.net (which fielded a flurry of interest) and then QRZ.com and QTH.com. As people inquired about the radio, I not only sent them pictures of the radio (as well as answered questions they had) but also provided the URL to the uploaded video file. As an aside, it was amazing how many people wanted to trade something for my radio, or take time payments (that guy did promise to pay me more than I was asking, hmmm). One wanted me to ship it to Italy!

The reason I made the video was to provide visual proof to any potential buyer that what they were looking at was a working radio. This works to both the buyer and sellers' advantage. As a seller, I know that the buyer knows it's a working radio and they can't scam me by stating it was broken when they received it. Additionally, I opted for insurance coverage on the shipping in the amount of the sale. In the event something

happens to the radio in transit, both of us had proof that it was a working radio (to bolster an eventual insurance claim). From the buyer's point of view, not only are they seeing the radio via pictures – but they are also seeing it in action! And, once the radio was sold, I burned both the

raw and compressed video files, as well as all photographs onto a CD and included the CD in the box to the buyer.

In closing, was this overkill? Perhaps it was. But, I know my buyer was much more at ease with having something more than

reassuring words, and pretty pictures in email. And, as a seller, I know I'm not going to cheat my customer – because they know what they will be receiving.

— Dave Wright, N2CK

March '13 RDXA News

By Brent Hungate, KC2QLJ

The next meeting of RDXA is Tuesday, March 19th at 7:30 PM at the Public Safety Training Facility, 1190 Scottsville Road, Rochester. Meetings are open to all amateurs, and you don't need to be a member to attend.

This month's meeting we will have the pleasure of having the ARRL Atlantic Division Director Bill Edgar, N3LLR visiting the club. If you have any questions in regards to the league this would be an opportunity to get them answered. There will be a pre-meeting get together for food and an 807 at MicGinny's, 2246 East River Road, starting around 6 PM. I would like to remind everyone to visit the new RDXA website at www.rdxa.com where you can learn more about what the club is up to.

73, and hope to work you on the bands.

K2ZWI - University of Rochester ARC is Alive!

Thanks to the fine work of N5THV, K2ZWI, The University of Rochester Amateur Radio Club, is alive and ready to grow. A small group of members met on January 14 at UR to kick off a new future for the Club. A broad range of ideas was shared, all within the common theme centered on learning and achievement for all members of the UR community.

Our hobby offers great opportunity for students to get their hands dirty, so to speak, while taking part in their formal studies. Building a station from the ground up would provide numerous challenges in design, innovation, fabrication, computer hardware, software/control, mechanical engineering, and project management. Building K2ZWI forms a nice platform for students to learn to work together to create something that will endure. It is hoped that all aspects of the hobby will be represented within K2ZWI, embracing wireless and all its supporting technologies.

In addition to members in the Rochester area, there is a core group of K2ZWI alumni on board. One of the first tasks this group has tackled is to assemble historical documents, including some excellent photographs. We expect that more alumni will join and participate as the word gets out.

The next K2ZWI meeting is scheduled for Monday, March 11 at 4 pm, at UR's Laboratory for Laser Energetics (on East River Road). The primary goal for this meeting is to meet and sign up UR members, both licensed amateurs and those interested in being a part of building a full-featured radio station from the ground up. Most importantly, we're focused on having a strong and dynamic student membership, where students take on leadership roles. During the meeting, we'll also discuss some preliminary plans for ARRL Field Day 2013 coming up in June.

All technologies will be represented at the new K2ZWI, and we'll need both hardware and software types. The challenges are many and we plan to set some big goals over time. The entire UR community is invited so please come and join us! For more information, please email k2zwi.rochester@gmail.com or my call at ARRL.net.

73,

— Dean Faklis, NW2K

RDXA Shorted Grid Award Rules for CY 2013

By 2012 Winner, Ed Gable, K2MP

Overview: For 2013 the Shorted Grid Award is designed to recognize and reward the versatile RDXA member. That is an operator who operates several of the popular and well recognized modes as well as being able to operate multiple bands. There is only one entry class; single Operator, assisted OK, 100 watts or less and from one location, RDXA members only.

Phase 1 Qualification MODE Capability: To qualify for the SG award you must perform any three (3) of the following 2-way MODE challenges:

1. Accomplish five different DXCC QSO's using SSB phone.
2. Accomplish five different DXCC QSO's using CW
3. Accomplish five different DXCC QSO's using RTTY
4. Accomplish five different DXCC QSO's using PSK

Phase 2 Qualification BAND Capability: To qualify for the SG Award you must accomplish three 2-way QSO's, any mode, on each of any 9 of the following 10 bands:

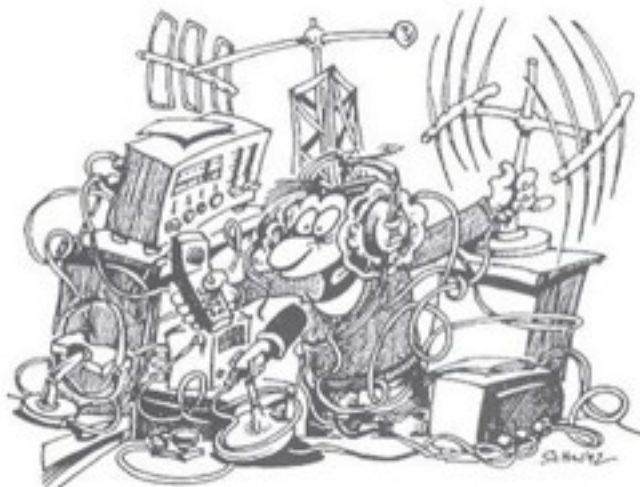
160, 80, 40, 30, 20, 17, 15, 12, 10 and 6 meters.

Phase 3: Work as many ARRL DXCC entities as possible, any band, any mode, using ARRL DXCC rules. One entity, one time, no band/mode multiples.

Scoring: Simple, one point per entity. Qualification phase QSO's do count for phase 3 totals but in no case will an entity be worth more than one point. Contest Q's do count. Sequence is unimportant. You can start Phase 3 anytime and finish phase 2 last, for example.

Awards: The coveted Shorted Grid Award, featuring a real transmitting tube, with a real shorted grid, mounted on a highly polished wooden base with brass identification plate, will be awarded to the overall high scorer. The winner will keep the award for one year and pass it on to the 2014 winner. Each entrant completing the both Qualification phases will receive a personal certificate of accomplishment from the RDXA.

QSL's and Logs: QSL verifications are not required. Logs must be maintained in a manner acceptable to ARRL contest rules. Logs may be requested by the 2013 SG contest chairman Ed Gable K2MP



KE2WK Memorial Award

The KE2WK Memorial Award is in recognition of the highest achievement available from RDXA. KE2WK (sk) was a past President of RDXA and the initial award was instituted in his memory by Wayne King N2WK.

The KE2WK Award is presented on an as-deserved basis. Only those that have demonstrated the very highest level of dedication and service to RDXA and the Amateur Radio community are considered.

The KE2WK Award recipient is chosen via a confidential ballot consisting of the past honorees. The award winner receives a permanent plaque and also a traveling plaque listing all the recipients and it is held by the most recent honoree. The specific criteria for the honoree is listed below.

THE KE2WK AWARD Criteria:

The KE2WK Award recognizes the HF enthusiast who has been the most active in RDXA Club affairs, demonstrated long term club commitment and made contributions to the club newsletter. It is a person who is recognized by club members as a high profile, active, radio operator pursuing DX and participating in HF contests while promoting the RDXA and Amateur Radio on the HF bands.

The KE2WK Award criteria for "The RDXA Amateur of the Year Award", is as follows:

1. A member(s) of the RDXA has to nominate a fellow club member(s).
2. Nominations shall be presented to the LAST recipient of the award ONLY. This is to help keep the nomination(s) confidential if possible. He or she then will start the decision making process with as many past winners of the award as possible so the candidate may be selected if qualified. If a past winner is nominated, he or she shall be excluded from the selection committee.
3. If past winners are NOT available then the BOD will help decide on the winner if the candidate is qualified. Nominees shall not be on the committee and not privy to their nomination.
4. This award does not have to be presented every year. Even if someone is nominated but does not fit the criteria then the committee can elect not to proceed for a given year.
5. The committee, made up of past winners or the BOD, shall not be biased on their decisions and shall select the winner on his or her merits only. This should not be a popularity award.
6. The committee shall be discrete and NOT disclose their decision, if a nominee has been selected, until the time and date of the award presentation is determined.
7. Note that "if qualified" is in relation to what is inscribed on the award. The inscription must be reviewed during the selection process.

The award is in memory of our past President Bill Beckett KE2WK 1991-1993.

You can view information and past recipients of this award on our website, www.rdxa.com under [KE2WK Award](#)

Please submit your nomination to: Doug Stewart N2BEG, doug.stewart@stcmems.com .



Atlantic Division DXAC

The DXAC has announced Arne Gjerner, N7KA at the new DXAC Chairman after Coy Day, N5OK stepped down after serving the last 3 years.

Here's a little background on Arne -

I was surprised to receive an email from ARRL Pres. Kay Cragie, N3KN, asking if I would be willing to serve as Chair of the DXAC. I want to thank those who supported my name for this honor. I know I have some rather large shoes to fill, however I will do my best to support the DXAC group as I have as a DXAC Rep from the Rocky Mountain Division since August 2004.

We have not been asked to participate in but a few tasks over the past years and that may indicate a relatively stable ARRL DXCC Program. As a group we exist to provide advice when tasks are given to us. From responses I have seen I very much believe we can and do provide a good cross section of responses that support our recommendations to the PSC. I know we will do so in the future.

A little about myself: I was licensed in Jan 1958, a sophomore in high school in Oregon as Kn7CAD. It was after working my first real DX as a novice on 40M CW, JA and VK, that I knew this is what I wanted to concentrate doing in this hobby. I upgraded to Extra in June 1978 while in San Jose, CA. I have had some years of no or little activity beginning in 1967 but always kept DXing as my target. Schooling and my moves from Oregon to California in 1967, then to Arizona in 1981, and lastly 1984 the move to my current QTH near Albuquerque, NM did cause interruptions as well in operating.

I hold #1 HONOR ROLL MIXED, plus DXCC PH, CW, and DIGITAL (RTTY) , and 9BDXCC (working on #10, 6M). I have been known to operate some contests 160-6M, domestic and DX. In 1967 I listed my QSLs for WAZ on a yellow lined paper so I would not lose them. Those QSLs are still wrapped in that same paper, I should really send them in because I am nearing 5BWAZ. I spend most of my time these days on CW, with most SSB being on 6M plus CW as much as possible. I am actively pursuing DXCC and FFMA on 6M. I have been a DXCC card checker since the very beginning and also check WAS and VUCC.

In 1980 and 1981 I took a radio (that TS-820 sure got heavy) on holiday to the Caribbean and operated from V2 twice, V4, J6, and VP2M.

I retired in 2007 as a Quality Assurance Engineer and did spend some earlier years in the test equipment, semiconductor, and aero-space industries. It is kind of funny that I could never convince my then current department heads that I should not go on a business trip so I could stay home and play on the radio. Yup, I needed BS7 for my last entity. One week after retiring in 2007 I got BS7H, my last needed entity. Ya gotta love a week that consists of 1 Sunday and 6 Saturdays.

I will be attending the IDXC in Visalia in April 2013 and look forward to seeing the western DXAC members I have met in the past and others who would be able to attend.

Best of DX to all.

Arne Gjerner, N7KA

DXAC Rep Rocky Mountain Division

A New DXCC Milestone

Congratulations to Ken Boasi, N2ZN,
for achieving 160 meters DXCC.

1st Friday Social at MicGinny's



IN MEMORY OF
FREDRICK R. GERN
K2FR
"Another dark please."

● Gern, Fredrick R. "K2FR
Fred Gern Silent Key"

WEBSTER: Suddenly, Jan. 30, 2001. Fredrick R. Gern, 63. He will be sadly missed by his loving wife, Patricia; daughters, Judy Gern & Jennifer (Robert) Miller; son Carl (Elizabeth) Gern; granddaughters, Hayley & Madison Miller; many close friends and radio buddies. Fred was well known in the Rochester automotive industry, most recently with Hesseion Chrysler.

Friends may attend a gathering TODAY (Feb. 2) from 4-6 at the Goddard's Saloon, 3450 Weber Place, to enjoy beer & wings in Fred's memory. In lieu of flowers, those wishing may make contributions to Foch, DX Assoc., c/o Edward Gable, 187 Light-house Rd., Hilton, 14468. Arrangements by the Norman L. Waterman Funeral Home, Inc. Newark, NY.



ARRL DX News

This week's bulletin was made possible with information provided by NC1L, QRZ DX, The Weekly DX, the OPDX Bulletin, 425 DX News, The Daily DX, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

CYPRUS, 5B. Roman, UR0MC will be QRV as 5B/UW2M in the ARRL DX CW contest. QSL via US0LW.

JAMAICA, 6Y. Yuri, VE3DZ is QRV as 6Y2T until February 19. This includes being active in the ARRL DX CW contest as a Single Op/All Band/High Power entry. Outside the contest, he is active on 160 to 10 meters using CW, SSB and RTTY. QSL to home call.

MALTA, 9H. Operators Adam, DJ0IF and Mek, SP7VC are QRV as 9H3RX and 9H3KK, respectively, from Gozo Island until February 19. They will be QRV as 9H3RX in the ARRL DX CW contest as a Single Op/All Band entry. Outside of the contest they are active on the HF bands using CW and SSB. QSL to home calls.

BURUNDI, 9U. A group of operators are QRV as 9U4U from Bujumbura until February 23. Activity is on 160 to 10 meters using CW, SSB and RTTY with four stations. QSL via M0URX.

TONGA, A3. Werner, DJ9KH is QRV as A35WH from Tongatapu Island, IOTA OC-049, until February 23. Activity is on the HF bands. After this operation, he will be QRV as A35WH/p from Vava'u Island, IOTA OC-064, until March 3. QSL to home call.

MOROCCO, CN. Operators EA5CP, EA5YU and EA9BLJ will be QRV as 5C5T in the ARRL DX CW contest as a Multi/Single entry. They are active before and after the contest until February 18. QSL via EA5YU.

MADEIRA ISLANDS, CT3. Operators Rasto, OM3GI, Tibor, OM3RM and Julo, OM7JG will be QRV as CR3A in the ARRL DX CW contest. QSL via OM2VL.

ESTONIA, ES. Toomas, ES5RY will be QRV as ES95Q from Tartu in the ARRL DX CW contest as a Single Op/All Band/Low Power entry. This special call sign celebrates the 95th anniversary of Estonia. QSL direct to home call.

ETHIOPIA, ET. Ken, K4ZW will be QRV from the ET3AA club station during the second half of the ARRL DX CW contest. QSL via N2OO.

FRENCH GUYANA, FY. Larry, F6FVY will be QRV as FY5KE in the ARRL DX CW contest as a Single Op/Single Band/High Power entry on 20 meters. QSL direct via FY5KE.

JERSEY, GJ. Mathieu, MJ0ASP will be QRV as GJ2A in St. Brelade in the ARRL DX CW contest. QSL via operator's instructions.

US VIRGIN ISLANDS, KP2. Operators Phil, KT3Y, Fred, K9VV and Bob, WP2XX will be QRV as KP2M from St. Croix Island in the ARRL DX CW contest. QSL direct via AI4U.

TURKS AND CAICOS ISLANDS, VP5. Jeff, K0UU is QRV as VP5/K0UU from Grand Turk Island, IOTA NA-003, until February 21. Activity is mainly on the newer bands. He will sign VQ5RP in the ARRL DX CW contest. QSL to home call.

VIET NAM, XV. Georg, DD8ZX, Juergen, DH0RAK, Juergen, DH6ICE, Bernd, DK7TF and Zrinko, DK8ZZ will be QRV as XV2DLH from Mui Ne from February 16 to 25. Activity will be on all bands using CW, SSB and various digital modes. QSL via DK8ZZ.

INDONESIA, YB. Ucok, YB6AR and other operators are QRV as home calls/p from Pulau Bunta, IOTA OC-245, until February 17. Activity is on 40, 30, 20, 15 and 10 meters using SSB and RTTY. QSL direct to home calls.

ROMANIA, YO. Members of the Sportclub of the University Transylvania Brasov will be QRV using special event call sign YO2013EYOWF from February 16 to 24 in celebration of the European Youth Olympic Winter Festival. Activity will be on 80 to 10 meters using CW, SSB and various digital modes. QSL via operators' instructions.

OPERATIONS APPROVED FOR DXCC CREDIT. The following operations are approved for DXCC credit: Uganda, 5X8C, current operations commencing 2012; Afghanistan, T6BP, current operation commencing 2012; Afghanistan, T6TJ, current operation commencing 2012; and Republic of South Sudan, Z81A and Z81D, current operations commencing 2012.

Rochester DX Association

Club Station — W2RDX

This Bulletin is the official publication of the Rochester DX Association and is published monthly, September through June. Email your articles, tips, ham ads, etc. to Andrew, W2FG at alesny@rochester.rr.com by the second Tuesday of the month for inclusion in that month's issue.

All those with an interest in amateur radio and DXing and contesting are cordially invited to any meeting and to join RDXA. Meetings are held at 19:30 Local time on the 3rd Tuesday of each month, September through June.

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Appointed Positions

WebmastersPaul Mackanos, K2DB

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Membership ChairmanBrent Hungate, KC2QLJ

Calendar Chairman.....Don Vlack, K2DV

Newsletter EditorAndrew Lesny, W2FG

Media/Banquet Coordinator.....Paul Kolacki, K2FX

Membership Dues can be sent to:

Brent Hungate
267 Terrace Park
Rochester, NY 14619

Regular Membership \$20.00

Family Membership \$5.00

Full-Time Student \$5.00

Lifetime Membership \$200.00

Any other correspondence to: Irv Goodman, AF2K



**2246 E River Rd
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Join us for our pre-meeting get-together, starting at 6PM

Professional Home Inspection

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