

Rochester DX Association



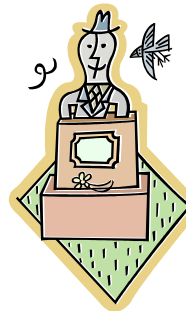
January RDXA Meeting

The History of Single Sideband (SSB)

Presented By
Ed Gable, K2MP
Join Us!

The Podium

Paul Kolacki, K2FX



It's hard to believe that the calendar has turned another page already as we move into the year 2012! I hope that you all had a relaxing, peaceful, and joyous holiday season, and that you were able to put some time aside to fire-up those radios. So many DX Stations to work, and not always enough time. Whether you are a Contester or just enjoy DXing, my hope for you in the New Year is that this wonderful hobby of Ham Radio brings you all that you desire. Just promise me that no matter where your interests are in radio, you will resolve to get more airtime in 2012! Just have fun!!

This month, we have a great meeting planned. Ed gable, K2MP will be presenting a program on the History of Single Side Band (SSB). Ed is well known for his ability to provide stimulating and interesting topics. If you have ever seen one in the past, you know what I mean. Ed's involvement with the Antique Wireless Association is well known, and we're very lucky to have him headline this month's meeting. Please make it a point to join us on January 17th, beginning at 7:30PM at the EOC Building in Scottsville.

For those of you who were not able to make the RDXA Holiday Banquet in December I just want to say that we missed you! However, we had a very nice gathering. The buffet at The Rivers Edge Party House was outstanding. I've received many

compliments on the location choice. The Staff at the Rivers Edge has been fantastic to work with, and always does an exceptional job. For those that did attend, it was great to have some social time with all of you to bring in the Holidays!

Finally this month I want to thank all who were involved in the annual Rochester Museum and Science Center Fair. RDXA really stepped up when needed, and several members made a firm commitment to not only to secure equipment, but also put it on the air, and manage the effort. Even today, Amateur Radio is still a valuable community resource, and exposing it to as many young people as possible will help to ensure its growth and survival. Thank you again for all that you do for RDXA and Ham Radio.

I hope that you'll all join us on January 17th for our monthly meeting, and get the New Year started right! RDXA needs YOUR participation, and we would love to see you!



Most Needed Countries

| | Prefix | Country | Prior |
|----|--------|---------------------|-------|
| 1 | P5 | NORTH KOREA | 1 |
| 2 | KP1 | NAVASSA | 2 |
| 3 | 3Y/B | BOUVET | 4 |
| 4 | 7O | YEMEN | 5 |
| 5 | VKØ/H | HEARD ISLAND | 6 |
| 6 | FT5Z | AMSTERDAM | 9 |
| 7 | ZS8 | MARION ISLAND | 3 |
| 8 | VP8/S | SOUTH SANDWICH | 10 |
| 9 | FT5W | CROZET | 7 |
| 10 | BS7 | SCARBOROUGH | 11 |
| 11 | VP8/O | SOUTH ORKNEY | 12 |
| 12 | HKØ/M | MALPELO | 14 |
| 13 | VKØ/M | MACQUARIE | 15 |
| 14 | SV/A | MT ATHOS | 13 |
| 15 | FR/T | TROMELIN | 16 |
| 16 | ZL9 | AUCKLAND & CAMPBELL | 17 |
| 17 | KH5K | KINGMAN REEF | 18 |
| 18 | PYØS | ST PETER & ST PAUL | 19 |
| 19 | KH5 | PALMYRA | 20 |
| 20 | FR/J/E | JUAN DE NOVA | 21 |
| 21 | VP8/G | SOUTH GEORGIA | 26 |
| 22 | KH9 | WAKE | 23 |
| 23 | BV9P | PRATAS | 25 |
| 24 | KH3 | JOHNSTON | 30 |
| 25 | E3 | ERITREA | 27 |

QSL Card of The Month

How can you beat 6m from Japan?



| | | | | | | | |
|--------------------------|--|-------|------|--------------------|-----|------|-----------|
| <input type="checkbox"/> | TO RADIO | W2CCC | | CONFIRMING OUR QSO | | | |
| <input type="checkbox"/> | DAY | MONTH | YEAR | JST (UTC) | RST | BAND | MODE |
| <input type="checkbox"/> | 25 | 6 | 11 | 2348 | 559 | 50 | 2XCW |
| <input type="checkbox"/> | TNX FB QSO HPE CU AGN ✓PSE QSL TNX Pwr 10756 500W ant 7.2 x 2 Rmk Japx W25 on 6m!! Navi | | | | | | |
| <input type="checkbox"/> | QR: JH6CDI Nariaki Murasato QTH: 1st 47-42, Shiomi, Sashaya-City, Nagasaki 854-0005 JAPAN 4204 PMS2AU 2nd 1910-2, Sakayoshi, Sasebo-City 4202 PMA3UP | | | | | | ICC GL |

N2CK Antenna Upgrade Project – Or How I added More Aluminum To The Roof

I wanted to augment the antenna farm by adding something rotatable on the roof for 40M, and along the way was also thinking about a rotating dipole for 12 and 17M. I spent some time browsing the various antenna manufactures web sites, and kept coming back to my original thought of purchasing the add-on kits from Mosley to make the change. A little background, my base antenna, the Classic 33 could be modified to cover 40 – 10 inclusive with the addition of 2 kits. This was something I looked at back in 1996 but never pulled the trigger. In retrospect, I had some notes from 1996 when I priced out the kits. In 15 years – the price for the 2 kits almost doubled! Guess I should have pulled the trigger sooner.

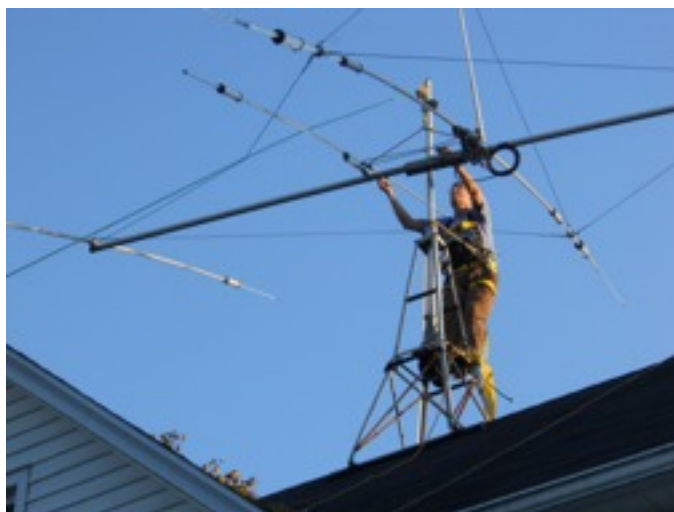


So, credit card in hand, I called Mosley Electronics on September 26th and placed an order for their WARC kit and 40M add-on kit. When I placed the order, I was informed that there was a backlog of 3-4 weeks. Knowing the window of weather to get work done on the roof of my house was rapidly diminishing, I begged for them to be delivered earlier. Nope – they recently had a surge of orders (and I'm assuming nothing was in stock except the raw material to build `em!). With that I waited. They were finally shipped on October 17th and arrived on October 20th.

I set up some sawhorses in the garage to start assembling as much as I could, while I issued a plea for help on the RDXA reflector and also looked for a break in the weather that would give us one complete day with an option for a second (possibly partial) day if needed. Remember, this was

the beginning of November and who knows what's gonna come our way weather-wise? I had the WARC kit all assembled, and some of the 40M add-on parts assembled – but to finish the 40 would require the beam to be on the ground. In response to my request, John W3OAB, Ed K2MP, Gene W2LU, Paul K2DB, Brent KC2QLJ, and Don K2DV all offered their time and expertise.

The date of November 2nd was chosen as it was going to be a perfect day – a little chilly in the early morning hours, but it warmed up quite nicely once the sun got a bit higher in the sky. With John doing the roof work, and a full ground crew in place we got the antenna down without disassembling it. Once on the ground we placed it on the sawhorses and started analyzing the directions to see what needed to be done. It was a fairly complex procedure – the first order of business was to swap the reflector and director on the boom. Then the WARC kit was positioned on the boom in reference to the now swapped elements. I opted to set the antenna up for the CW portion of the band(s) so we carefully measured multiple times to get the lengths and element spacing correct. The trickiest portion of the upgrade was that we had to pull apart the traps on the original driven element and replace one (of 2) of the traps with new traps included with the kit. The instructions weren't really as clear and concise as I would have liked but we put our collective heads together and figured out what they wanted us to do. The 40M add-on kit came with a length of black poly rope to guy the ends of the main driven element (with the 40M add-on extensions) to keep them from whipping in the winds and also from drooping. The thing we observed about the rope was that it was VERY difficult to get the knots pulled tight. The approach we took was to pull the tag end tight and tape it with electrical tape.



Once again, the deep-bottomed K2MP parts drawer got opened. As part of the upgrade we had to remove screws that went through the driven elements and into insulating blocks to attach the new feedline brackets. The screws were frozen and we ended up cracking the insulating blocks trying to remove the screws. Ed noted that he had parts for a Mosley in his garage – so off he went on a parts run. He came back with 4 blocks (and screw hardware) from his antenna for us to use. They were exactly the same insulators as what my antenna used! When we assembled them back in place we added a little lubricant to the threads. Hopefully when it comes time to disassemble this – they'll come apart.



As we worked on the new antenna now taking shape in the back yard I could see that minds were starting to consider just how that (now really) big antenna was going to be transported from the sawhorses to the roof. I don't recall if it was Paul or John's idea but the concept of using a tramline was proposed. John found a vinyl coated steel cable in the garage that was long enough to reach the driveway from the roof. He anchored it to the top of the mast and we affixed the other end to my trailer hitch (had to position the truck in the neighbors yard – lucky I have good neighbors!). John suspended a pulley from the cable and then hung the antenna from the pulley. He attached another pulley to the tower, looped a rope through the pulley and sent it to the ground. We attached the rope to the hanging pulley and with 3 of us on the pull-up rope – the

antenna ascended up the tramline to the roof! It went almost exactly as we planned it. There were a couple of moments where we had to pull it one way or another to clear the house as it went up – but all in all, a fairly smooth operation. Once the antenna was at the roof tower, John muscled it into place and got it bolted down. Mission accomplished! We worked from morning, until 4:00 or so (with a pizza break in between) and successfully got it installed. As an aside, we provided some entertainment for the neighbors across the street as they watched us pull the antenna up the tramline and onto the roof! I'm sure they wondered just what we were up to.



After the handshakes and congratulations were done, and folks went their separate ways, I hooked up the analyzer to see how we did. I was QUITE pleased! On 40 the SWR was between 1.5 and 1.7 throughout the band; 20 ranged from 1.5 to 2.5, the WARC bands and 15 were all under 1.6 and the highest SWR was the top of 10M at 2.6.

In closing, it was really amazing how the combined knowledge, talent and efforts of fellow RDXA members came together and accomplished this project. It makes me proud to be associated such folks. And, a real major plus, it seems to work quite well! I've racked up some nice DX on 40 in some of the contests recently – usually with one call, so it looks like it's working.

— Dave Wright, N2CK

SDR Build



I finally finished building my RXTX Ensemble for 40,30 and 20 meters. After much trying and getting nowhere trying to install 2 Rocketfish 5.1 sound cards in the same computer, I came to this conclusion; that scenario simply will not work. Here is what I did with Rocky V3.7. W2FE was nice enough to give me an older computer that had no operating system installed, it was wiped clean. I installed Windows XP, Service pack 2 and went thru all the rigors of a new install, knowing that this computer would have nothing on it but a new operating system. I took the time to install all of the



Microsoft Updates, including SP3 and then found all of the drivers for the hardware in the computer and installed them. When it was all done, I went to the Ensemble RXTX Project page at <http://www.wb5rvz.com/sdr/ensemble/>. Went into the instructions and downloaded the software and drivers that WB5RVZ had listed. I also downloaded

and installed Rocky v3.7. Then I installed the Rocketfish 5.1 soundcard and all associated drivers and files from the installation disk. FYI: When you do this you have to open the software program and set the card for 96Khz and 24 bits. It's default is 48 Hhz and 16 bits. (Larry W2LB and I found this out the hard way)by trying this and that and having nothing work.

OK for the fun part, just playing around, I finally found the settings that work. Under the settings tab in Rocky, set the I/Q Input Device to the Rocketfish Card 96Khz and the channel to Left/ Right = Q/I. Set the Audio output device to your internal sound card. Next click on the Settings - Transmit tab and set the I/Q output device to the Rocketfish 5.1 Sound card. (The same card that you set the I/Q Input device to.) Do not try to set it to another card. You only need one Rocketfish 5.1 Sound Card.



I put a really low 30 meter dipole up outside my condo. It is 6 feet high at the feed point in a bush and about 8 feet high on the ends where I attached it to the windows on the outside of the condo. One note here, I had to change the wires on the RXTX Ensemble to be crossed on the PC board for the TX line or it transmits on the opposite channel and frequency. The RX wires are straight across from each other.(not crossed. I went into the Tools - TX I/Q Balance on 30 meters and did the balancing act. I was able to completely balance the TX I/Q so that I had NO output on the image frequencies. I went back and forth a few times and really got the images nulled completely out. OK, now will it work? I set the IF to 1014800 and looked at the band spectrum and saw loads of strong signals (that was early this afternoon. One guy in Ohio was calling CQ, I used my Begali Key and gave him a call. He came right

back to me and gave me a 539 and was amazed that I was running about 1 watt to a low dipole. After about a 15 or 20 minute QSO, the conditions between us improved and I went up to 599 + 10 db on his Icom 756 Pro. He said the signal was great, clean and strong. I worked another station in Cleveland a little later and got the same type of report. So, I am finished with the RXTX Ensemble, have it in the enclosure from KM5H and

now have the RX on Skimmer when I am not home. So all in all, it works and this old guy has broken into the new stuff and learned a great deal. Bottom line, I am having fun, learning new tricks and technologies and having a ball. Hope that I have helped someone out there that is as confused as I was. 73 and best to all of you great guys and gals.

— Paul, K2DB

RMSC Science and Technology Days Event 2011

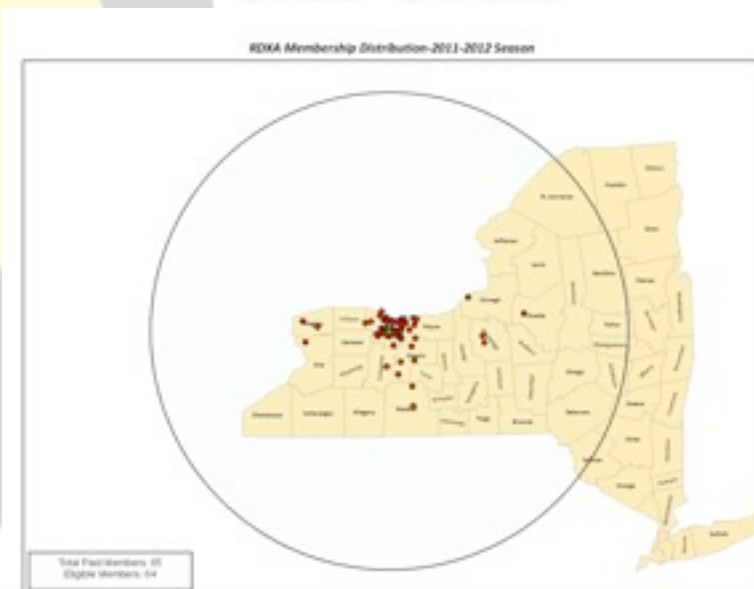
By Irv Goodman, AF2K

Once again, the Rochester Amateur Radio Association, Inc. and the Rochester DX Association, Inc. combined efforts to set up a ham radio station plus hands-on demonstrations at the Rochester Museum & Science Center's Annual Holiday Science and Technology Days event. Our activity was for three of the four-day event, Tuesday Dec. 27th to Thursday Dec. 29th.

The Icom IC-746 XCVR (thanks to Xerox ARC) and the G5RV-Junior antenna (thanks W3OAB), on the roof 70 feet above the ground performed perfectly. Total QSO's this year was 241. Managed to get some youngsters among the passersby involved with the hands-on activity and also get on the air to say Hello to quite a few stations that W2RDX worked. If you are in the log, and want one of our attractive custom QSL's, be sure to send us your card along with an SASE to AF2K, QSL Manager. Photos of the event, taken by N2BEG, N2CK and N2JAC will be available for viewing eventually on the RARA and RDXA websites.

Grateful thanks and appreciation are hereby extended to the 26 dedicated volunteers who provided equipment, labor and public relations: Peter W2SKY (RARA Recruiter & Manager), Doug N2BEG (RDXA Recruiter & Manager), John W3OAB, Dave N2CK, Ben KC2JXP, Zach KC2VCM, Don AC2EV, John KC2TNO, Van N2BNE, Brent KC2QLJ, Paul K2DB, Walter N2ZVP, Len KC2PCD, Tim KD2BBJ, Bill WB2GHC, Jon N2JAC, Tim K9VB, Gene W2LU, Rich W2FBS, Mike KC2NM, Bob K2OID & XARC, Bob AC2HJ, Joe K2QZR, Larry W2LB, Aaron KD2BEC and Irv AF2K.

Club Circle



ARRL Diamond DXCC Challenge

2012 is the 75th anniversary of the ARRL's DXCC Award. The world's preeminent DXing award continues to be DXCC, so reaching the "Diamond milestone" is an event that we all want to celebrate. Going back to the roots of the award, and specifically reading the 1937 DXCC List (January, 1937 *QST* pages 52-3) to learn what countries were counted at the onset led us to create the Diamond DXCC Challenge.

The country list we will use for the Diamond DXCC Challenge is based upon the list of 231 places shown in 1937. We tried to find corresponding entities today that would represent the places listed in 1937, but there are four places (Baluchistan, British Cameroons, Canal Zone, Hejas) which were on the oldest list that just don't exist today in a form that could even loosely be represented by someplace current. The Diamond DXCC List represents 227 of the 233 1937 "countries." The list is fascinating and leads us to learn more about world history and how geopolitics has changed leading up to today.

As you "check-off" these entities during the course of 2012 working DX (which is an achievement even today) using spotting networks, pan-adapters, 200 watt rigs, and stacked tribanders, imagine how DXing was different in the early years of radio and DXCC! Working Tibet or Aldabra with 50 watts and crystal-controlled transmitters to simple wire antennas, had to be a thrill like no other in that time for ham radio operators.

We anticipate that this award will be very popular thanks to the unique nature of the entities which we will try to put-into the log in 2012. Not only are there traditional DXCC entities, but there are cities, Islands on the Air (*IOTA by RSGB*) island groups, and various sub-political entities inside DXCC entities, such as the Indian State of Goa and many States in Malaysia and islands in Indonesia. There are even three individual "countries" that make up today's Yemen (7O -- Yemen, Socotra Islands and the City of Aden)! Yes, we would like to have even one of them on the air. An interesting factoid about this 1937 list came via the late Jim Maxwell, W6CF. Jim said the only entity from the 1937 list to be removed without a single QSO being made was Wrangel Island.

For some entities that today consist of multiple countries, you may work any of today's entities to qualify for that single, 1937 country. For example, French Equatorial Africa will be considered worked if you log a station in TL, TN, TR or TT in 2012. The Diamond DXCC country tables show the current entity names and prefixes that qualify for the 1937 countries.

The Diamond DXCC Challenge is an "Honor Award" and will not require acquisition or inspection of QSLs or proof of confirmation, although it still will be fun and useful to seek out cards or LoTW confirmations. We will provide forms online to use at your operating position to track what you have worked and forms for applying for awards and endorsements. As the year goes on, we will also provide hints and tips about what is happening with the Diamond DXCC Award and for instance, who might be on the air from Goa or Gdansk!

The Diamond DXCC certificate will be available for working 100 of the 226 entities, and will be endorsable at 5 levels: 125, 150, 175, 200 and 225. If anyone works all 226, there will be a special award for that remarkable achievement! We hope to publish award recipients' call signs online during the year, and identify high numbers.

There will be a Diamond DXCC Challenge Honor Roll. The Honor Roll level will be determined by the leader in worked entities submitted to HQ, and the bottom of the Honor Roll will be 9 entities less than that of the leader. Example: If W1AW has worked 165 entities, the bottom of the Honor Roll will be 156 entities. In February, 2013, HQ will issue a final Honor Roll tally with overall leaders.

See the [Diamond DXCC web page](#) for more information and to read updates during 2012.

ARRL Diamond DXCC Challenge Rules

1. The Diamond DXCC Challenge Awards are available to all amateurs worldwide who contact a minimum of 100 countries from the Diamond DXCC List. US amateurs must be members of the ARRL. Generally, the rules for the Diamond DXCC Challenge are the same as the rules for the DXCC Program, except as listed here.
2. Contacts must be made from within the same DXCC entity by the same operator.
3. Contacts must be made during 2012 -- from 0000Z on 1 January, 2012, through 2359Z on 31 December, 2012. All amateur bands may be used except for 60 meters.
4. There are no mode endorsements or band endorsements. The Diamond DXCC Challenge is considered to be a Mixed-Mode/Mixed-Band award. There are no power categories or restrictions for the award.
5. Confirmations are not required to obtain this award, but HQ will review submitted entries for accuracy and validity.
6. The Diamond DXCC Challenge certificate will be available for working 100 entities and will be endorsable with stickers at the following levels: 125, 150, 175, 200 and 225.
7. Applications should use ARRL-supplied forms available online or obtained by writing DXCC, 225 Main St., Newington, CT 06111.
8. The Diamond DXCC Award certificate fee is \$12 including shipping within the USA, and \$13 including shipping outside the USA.
9. Endorsement stickers are \$1, including shipping in the US, and \$2 outside the US.

<http://www.arrl.org/news/arrl-diamond-dxcc-challenge>

<http://www.arrl.org/diamond-dxcc>

GL, *cu in the pileups* -Tom KA2D
Happy New Year

DXCC Checklist for 2012

| | | | |
|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|
| 1A0KM... S.M.O.Malta...57 () | CY9.....St.Paul Is...66 () | K,W.....USA... 174 () | UA.....Euro.Russia...33 () |
| 1S.....Spratly...348 () | D2.....Angola...97 () | KG4.....Guant.Bay...174 () | UA2.....Kaliningrad...41 () |
| 3A.....Monaco...57 () | D4.....Cape Verde...104 () | KH0.....Mariana Is...316 () | UA9,UA0 Asiatic USSR...05 () |
| 3B7..Agalega/Brandon...64 () | D6.....Comoros Is...77 () | KH1.....Baker/Howland...276 () | UJ.....Uzbekistan...28 () |
| 3B8.....Mauritius...73 () | DL.....Germany...50 () | KH2.....Guam...315 () | UN.....Kazakhstan...16 () |
| 3B9.....Rodriguez Is...67 () | DU.....Philippines...339 () | KH3.....Johnston Is...284 () | UT.....Ukraine...41 () |
| 3C.....Eq.Guinea...91 () | E3.....Eritrea...65 () | KH4.....Midway...297 () | V2.....Antigua...145 () |
| 3C0.....Annobon...90 () | E4.....Palestine...52 () | KH5.....Palmyra/Jarvis...271 () | V3.....Belize...203 () |
| 3D2.....Conway...265 () | E5.....N.Cook Is...258 () | KH6,KH7.....Hawaii...280 () | V4.....St.Kitts...149 () |
| 3D2.....Fiji...267 () | E6.....S.Cook Is...249 () | KH8.....Amer.Samoa...262 () | V5.....Namibia...104 () |
| 3D2.....Rotuma...267 () | EA.....Spain...66 () | KH8.....Swains...262 () | V6.....Micronesia...302 () |
| 3DA.....Swaziland...99 () | EA6.....Balearic Is...64 () | KH9.....Wake Is...301 () | V7.....Marshall Is...296 () |
| 3V.....Tunisia...63 () | EA8.....Canary Is...86 () | KL7.....Alaska...320 () | V8.....Brunei...343 () |
| 3W,XV.....Vietnam...355 () | EA9.....Ceuta/Melilla...71 () | KP1.....Navassa...174 () | VE.....Canada...294 () |
| 3XA.....Rep.Guinea...100 () | EI.....Ireland...51 () | KP2.....Am.Virgin Is...152 () | VK.....Australia...266 () |
| 3Y.....Bouvet...138 () | EK.....Armenia...41 () | KP3,KP4.....Puerto Rico...155 () | VK0.....Heard Is...128 () |
| 3Y.....Peter 1 Is...185 () | EL.....Liberia...101 () | KP5.....Desecheo...158 () | VK0.....Macquarie Is...232 () |
| 4J.....Azerbaijan...37 () | EP.....Iran...39 () | LA.....Norway...39 () | VK9C.....Cocos Keeling...10 () |
| 4L.....Georgia...40 () | ER.....Moldova...44 () | LU.....Argentina...164 () | VK9L.....Lord Howe Is...265 () |
| 4O.....Montenegro...50 () | ES.....Estonia...35 () | LX.....Luxembourg...51 () | VK9M.....Mellish Reef...283 () |
| 4S.....Sri Lanka...28 () | ET.....Ethiopia...65 () | LY.....Lithuania...40 () | VK9N.....Norfolk Is...262 () |
| 4U1ITU.....UN Geneva...55 () | EU.....Belarus...39 () | LZ.....Bulgaria...51 () | VK9W.....Willis Is...289 () |
| 4U1UN.....UN HQ NY...132 () | EX.....Kyrgyzstan...20 () | OA.....Peru...179 () | VK9X.....Christmas Is...354 () |
| 4W.....Timor-Leste...321 () | EY.....Tajikistan...27 () | OD.....Lebanon...50 () | VP2E.....Anguilla...149 () |
| 4X.....Israel...52 () | EZ.....Turkmenistan...33 () | OE.....Austria...49 () | VP2M.....Montserrat...149 () |
| 5A.....Libya...65 () | F.....France...54 () | OH.....Finland...34 () | VP2V.....Br.Virgin Is...152 () |
| 5B.....Cyprus...51 () | FG.....Guadeloupe...148 () | OH0.....Aland Is...36 () | VP5.....Turks & Caicos...166 () |
| 5H.....Tanzania...76 () | FH.....Mayotte...76 () | OH0M.....Market Reef...36 () | VP6.....Ducie Is...223 () |
| 5N.....Nigeria...92 () | FJ.....St.Barthelemy...149 () | OK,OL.....Czech.Rep...48 () | VP6.....Pitcairn Is...226 () |
| 5R.....Madagascar...80 () | FK.....New Caledonia...270 () | OM.....Slovakia...48 () | VP8.....Falkland Is...169 () |
| 5T.....Mauritania...96 () | FM.....Martinique...148 () | ON.....Belgium...51 () | VP8.....S.Georgya Is...157 () |
| 5U.....Niger...87 () | () | OX.....Greenland...28 () | VP8.....S.Orkney Is...164 () |
| 5V7.....Togo...93 () | FO.....Fr.Polynesia...245 () | OY.....Faroe Is...40 () | VP8.....S.Sandwich Is...154 () |
| 5W.....West.Samoa...263 () | FO.....Australis Is...241 () | OZ.....Denmark...43 () | VP8.....S.Shetland I...171 () |
| 5X.....Uganda...76 () | FO.....Marquesas Is...257 () | P2.....Papua N.Guinea...297 () | VP9.....Bermuda...133 () |
| 5Z.....Kenya...73 () | FO0.....Clipperton...231 () | P4.....Aruba...164 () | VQ9.....Chagos...45 () |
| 6W.....Senegal...100 () | FP.....St.Pierre/Mil...68 () | P5,HM.....No.Korea...340 () | VR.....Hong Kong...348 () |
| 6Y.....Jamaica...176 () | FR.....Reunion...76 () | PA.....Netherlands...49 () | VU.....India...23 () |
| 7O.....Yemen...57 () | FR/G.....Glorioso...73 () | PJ2.....Curacao...164 () | VU4.....Andaman Is...10 () |
| 7P.....Lesotho...103 () | FR/T.....Tromelin...73 () | PJ4.....Bonaire...164 () | VU7.....Lakshadweep...37 () |
| 7Q.....Malawi...86 () | FS.....St.Martin...149 () | PJ5.....St.Eustatius...150 () | XE.....Mexico...224 () |
| 7X.....Algeria...66 () | FT5W.....Crozet...112 () | PJ6.....Saba...150 () | XF4.....Rev.Gigedo...240 () |
| 8P.....Barbados...148 () | FT5X.....Kerguelen...118 () | PJ7.....Sint Maarten...150 () | XT.....Burkina Faso...90 () |
| 8Q.....Maldives...39 () | FT5Z.....Amst'm/St.Paul...82 () | PY.....Brazil...147 () | XU.....Kampuchea...357 () |
| 8R.....Guyana...149 () | FW.....Wallis/Futuna...265 () | PY0F.....Fer de Narohna...126 () | XW.....Laos...360 () |
| 9A.....Croatia...50 () | FY.....Fr.Guiana...142 () | PY0S.....Pete Paul Rks...121 () | XX9.....Macao...349 () |
| 9G.....Ghana...95 () | G,M.....England...52 () | PY0T.....Trindade...105 () | XZ.....Myanmar...7 () |
| 9H.....Malta...61 () | GD.....Isle of Man...50 () | PZ.....Suriname...145 () | YA.....Afghanistan...31 () |
| 9J.....Zambia...91 () | GI,MI.....No.Ireland...50 () | R1F.....Franz Joseph...10 () | YB.....Indonesia...352 () |
| 9K.....Kuwait...45 () | GJ.....Jersey...55 () | R1M.....Malj Vysot...35 () | YI.....Iraq...45 () |
| 9L.....Sierra Leone...102 () | GM,MM.....Scotland...49 () | S0.....W.Sahara...71 () | YJ.....Vanuatu...273 () |
| 9M2.....W.Malaysia...1 () | GU.....Guernsey...55 () | S2.....Bangladesh...12 () | YK.....Syria...50 () |
| 9M6.....E.Malaysia...341 () | GW,MW.....Wales...52 () | S5.....Slovenia...50 () | YL.....Latvia...38 () |
| 9N.....Nepal...16 () | H4.....Solomon Is...287 () | S7.....Seychelles...60 () | YN.....Nicaragua...196 () |
| 9O.....Congo...92 () | H40.....Temotu Prov...281 () | S9.....Sao Tome...94 () | YO.....Romania...48 () |
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| 9X.....Rwanda...79 () | HB0.....Lichtenstein...53 () | ST.....Sudan...65 () | YV.....Venezuela...161 () |
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| A2.....Botswana...99 () | HC8.....Galapagos Is...200 () | SU.....Egypt...56 () | Z2.....Zimbabwe...91 () |
| A3.....Tonga...260 () | HH.....Haiti...168 () | SV.....Greece...54 () | Z3.....Macedonia...50 () |
| A4.....Oman...42 () | HI.....Dominican Rep...163 () | SV/A.....Mt.Athos...52 () | ZA.....Albania...54 () |
| A5.....Bhutan...11 () | HK.....Colombia...174 () | SV5.....Dodecanese...53 () | ZB2.....Gibraltar...71 () |
| A6.....Un.Arab Em...42 () | HK0.....San Andreas...188 () | SV9.....Crete...55 () | ZC4.....UK Svgn Base...51 () |
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| A9.....Bahrain...45 () | HL,DS.....So.Korea...341 () | T30.....W.Kiribati...278 () | ZD8.....Ascension Is...115 () |
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| CU.....Azores...79 () | | TZ.....Mali...94 () | |
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(Prefix, Country, Beam Headings)

DXCC List

Update 6-January-2012
By K2CS
41 total countries
332 for Honor Roll

Humor: The DX Code of Conduct for The Courtesy Impaired

The DX MODE:

1. If you come upon a pileup, find the exact DX frequency and slowly tune up your KW right on his frequency. Take your time doing this as it has maximum effect this way. The longer you take, the better. It lets others know that YOU are going to call the DX.

2. If you cannot wait to find out the DX call sign, ask, "What is the DX call sign?" On CW send "DX?" Call?" Do NOT listen, this takes time. DO this repeatedly until someone gives you the DX call. This will show all others on frequency that you are serious about wanting to work this DX. This is called sharing.

3. When you find out the DX call, repeat your call over and over again on the DX frequency. Even if he is working split there is a chance he may be listening on his transmit frequency.

4. When the DX says "ABC only"- Don't believe him. If he says "Europe only" - Don't believe him. If he says, "2's only" - Don't believe him. Keep giving your call "XYZ" !!.XYZ !! .XYZ !! How Copy MARIO?" Make sure you use his name when you call him, he may think you are someone he knows. It must work as we hear it on bands all the time so it has to be effective. Don't pay attention to directional calls. When did any DX know what they wanted ? What matters most is what YOU want.

5. To get the DX to work other modes tell him you want to set up a schedule later which is convenient

to you. You should wait until the pileup has built up to several hundred and just before the band is about to go out, then ask him to meet you on CW, PSK31, RTTY or SSB at a set time and frequency. Above all, make sure you tell him that YOU need him on these modes. This will endear you in the hearts of all on frequency, it shows that you can work more than one mode and are a well-rounded amateur.

6. If you have worked the DX previously make sure you call him and tell him that he is stronger than the last 6 times you worked him this week. The DX station will want to know this. Others on frequency will respect you more, you will be recognized as a Big Gun DXer.

7. When you find a DX pileup, to bring your operating skills to a higher level and impress all those on frequency - Zero beat the DX send "QRL? Is this frequency in use?" This shows character and that you are truly a caring person.

8. When finally making the DX contact, give the DX some background about yourself, TX, RX, ANT, WX, how many children and grandchildren you have, where they went to college, what size bedroom slipper you wear, or any other items of interest to the DX. This shows that you are not just a 59 kind of guy. This is most effective when the band is just about to fold.

9. After you have worked the DX you will need the QSL route. Although this will be listed on the DX packet cluster, in ARRL & DX News Letters, and on the Internet, there is no reason for you to go to all the bother of reading these sources. You can just keep calling on the DX frequency."What is the QSL

Information?" If you don't get a reply with the information after 8 or 10 calls, keep it up, your persistence will payoff. There are plenty of other stations on frequency who are waiting to work the DX who have read these publications and they willing and ready to help you.

Rules for THE FUN MODE

1. For a split operation, spend most of your day listening and transmitting on the DX sending frequency. On CW, if someone calls on the DX transmitting frequency, right away using your J-38 at 4 WPM, send VP.UG.NP .UP. until you get it right. If the station continues to call on the DX frequency, then send LSD LIB LED. LIDuntil you get it right.

This has three benefits.

A. Others waiting to work the DX will be forever indebted to you for informing the offending station that the DX is working split.

B. The offending station will be grateful.

C. You will get some needed code practice to get you over that 5 WPM hump.

2. For those with CW and voice memory keyers this will be easy. All you have to do is program in "UP" and "LID". For the more advanced operators you can add "SPLIT" "YOU IDIOT, WORKING SPLIT" .Using the memory keyers for your day's activity will save your voice. Should you happen by chance to have a QSO you will need it.

As always ... Work'em First...
Confirm LaterWFCL

—Courtesy of Tom, W2TF

The Officers and BOD members have accepted the invitation from KC2QLJ, Brent Hungate to become the new membership chairman, leaving RDXA without a lapse of term for the Membership Chairman's position. The Officers and BOD members are confident that Carey will work with Brent and bring him current in his new role.

On behalf of the RDXA Officers and BOD -Thanks to Brent for stepping forward and accepting this very important position, and to Carey for offering to stay on until a replacement was found.

Paul K2DB

Rochester DX Association

W2RDX rdx.com

This Bulletin is the official publication of the Rochester DX Association and is published monthly, September through Jun. Email your articles, tidbits, ham ads, etc. to Andrew, N3LZG at alesny@rochester.rr.com by the first 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

DX Chairman.....Chris Shalvoy,K2CS
Packet Cluster Sys OpBob Hunter, NG2P
WebmasterScott Hoag, K2ZS
Contest Chairman.....Ken Boasi, N2ZN
Membership ChairmanBrent Hungate, KC2QLJ
Newsletter EditorAndrew Lesny, N3LZG
Packet Cluster.....144.910MHz
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Membership Dues can be sent to:

Brent L Hungate
267 Terrace Pk
Rochester, NY 14619

| | |
|--------------------|---------|
| Regular Membership | \$20.00 |
| Family Membership | \$5.00 |
| Full-Time Student | \$5.00 |

Any other correspondence to: Irv Goodman, AF2K



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