

The Nugget



Mother Lode DX/Contest Club

The Newsletter of the Mother Lode DX/Contest Club

MEETING DATE, LOCATION & PROGRAM

When: Our next meeting is **Saturday, October 15th** at 12:00 noon.

Where: Mountain Mike's Pizza in Martel, CA. They are located in the shopping center with Save-Mart on Highway 88, just west of Highway 49. Our meeting room is reserved from 11AM-3PM. At our regular time (noon) (The room is reserved from 11AM-3PM.) See the club's website at <http://www.mldxcc.org/> and click on "meetings" for a map and more information.

What: The October Meeting program is everybody's favorite topic: Contest Season. Be ready to share your CQP war stories (and stories for any other recent contest). Most important, bring your contest plans and your contest needs and issues. This is the meeting to talk about CQWW SSB and Sweepstakes CW in particular.

2011 Meeting Dates:

October 15

November 12

No December meeting.

Below are a few shots taken at our September meeting:





FROM THE PREZ

I'd like to thank club members for a great CQP effort! I did a cursory review of the submitted scores today and, as of now, we have a slim lead in the club competition. I noted that a number of scores posted to the MLDXCC web site are not in the CQP Logs Received page. That means that you must get moving and submit your log!!! We cannot afford to lose a single point!!!

Still on the subject of contesting I found myself in an embarrassing situation at the beginning of the CQP. The start time hit and I punched my voice keyer in the 756-PII and it said CQDX vice QRZ CQP. I spent 4 to 5 minutes trying to reprogram it to no avail (it has been about a year since I did this). I had to go to the book and step through the instructions to get it correct. Anyway, after spending most of the summer urging members to get ready for contest season, checking keyer operation was not on my checklist.

At our upcoming meeting we need to nominate officers to serve our club in 2012. We need to have a new slate of officers in place for our January meeting.

Another item for our upcoming meeting is a presentation by Ray/ND6S on the need to support the down and out people in the local community at Thanksgiving. These are tough

times for a large number of people and a good Thanksgiving meal may give them a lift.

73 de AA6K ,

Shirley

FROM THE VP

The October Meeting program is everybody's favorite topic: Contest Season. Be ready to share your CQP war stories (and stories for any other recent contest). Most important, bring your contest plans and your contest needs and issues. This is the meeting to talk about CQWW SSB and Sweepstakes CW in particular.

This season is going to be especially busy for me. I have been painting for about three years. (No, not houses. They take longer.) This month, in addition to contesting, I will be participating in the Valonna Paintout in Crockett during the last week of October, and I will have paintings on exhibit during the Clunie Clubhouse 75 Year Celebration in East Sacramento on the twenty-third.

I was in Hawaii until a week before CQP. While there I was able to do some painting. This painting is hanging in the Koloa Rum Company Tasting Room in Kauai. I can't think of a better venue for art than a distillery store!



For anyone interested, some of my paintings are on my website dphillips.fineartstudioonline.com

Dana Phillips, N6DW

Tube of the Month de Norm, N6JV

HK-55

In a previous article, I described the development of the gridless gammatron by Heintz & Kaufman back in 1929. With the break-up of the RCA monopoly, the reasons for this technology went away. About 1934, H&K produced what I think was the last of the gridless gammatrons type tubes called the HK-55. A first glance, this tube looks like a “50 watt” size rectifier. The previously forbidden features that H&K was able to use included an enclosed anode and the use of internal insulators. Gammatrons always had their filament mounted near the “gamma” plate. With an enclosed anode, the filament and gamma plate had to be in the middle of the enclosed anode. The HK-55 had an oval anode made of graphite. A porcelain insulator supported the gamma plate and filament. The gamma plate was a flat sheet of metal with a “V” shaved opening cut into it. The filament would fit into the gap so that the filament and gamma plate would be in the same plane. The field produced by the bias on the gamma plate would affect the electron flow from the filament and the tube would operate as a traditional gammatron. The 55 has a dissipation of 75 watts and a mu of 3.5. The 55 appears to be more efficient with its higher mu than the older gammatrons.

I can find no evidence that this tube was very popular and is scarce today. Tube data was still being printed for this tube as late as 1938 in The Radio Handbook.

More photos at <http://n6jv.com>.



Editor's Notes de Rick, W6SR

Hi all.....
HF Band conditions were pretty good in September, with 3D2CR worked on 80 and 160M for two new ones, and 4W6A worked on 12M and 160M more new ones. The low bands were quiet, but 10M and 12M was where the real action was! I added about 8 new ones on

12M and just snagged TJ3AY for a new one on 10M, taking me to 320 current on that band. So, keep your radios tuned to 10 and 12M and add to your DX Challenge award numbers.

Karen just returned from 2 weeks in Wisconsin where she's been helping a cousin with medical issues. So I am now getting my diet back to normal after lots of hot dogs, hamburgers and junk food.

Rich, NU6T, operated from here for CQP, one of my least favorite contests, however I helped out a bit this year since Rich was having trouble with his knee and couldn't sit for long periods. Oh well, the things we do to support a club win, Hi Hi. CU all the 15th
de Rick, W6SR

Member news/feedback/Announcements/and Items F/S.

California QSO Party Scores:

AA6K	68,970
AD6E	230,104
AE6Y	311,360
K6C	312,214
K6GT	159,315
K6LRN	204,060
KF6T	274,341
N6DW	22,000
N6JV	173,178
N6L	32,036
N6RK	26,344
ND6S	63,396
NO6F	267,387
NU6T	172,938
W6RFF	103,350
W6RKC	31,119
WC6H	331,992
WU6W	8520
TOTAL	2,792,624

I have several tubes I'd like to sell. All are NOS (marked with *) or tested (filament operation and HV test).

QTY	ITEM	PRICE
2	4-65A *	\$26 ea.
4	6146 *	\$20 ea
2	4CX250B	\$25 ea
2	4-125A	\$50 ea
2	4-250A	\$60 ea

These are very reasonable prices, but serious offers will be considered. Several of these are from the widow of an SK. **73, George T Daughters, K6GT**

In the last few weeks on six meters I worked, E51,FK8,FO4,A35,5W1,VK,DU,BV,B A,JA,LU,CX,TI,ZP,PY some on F2, many on TEP. I also worked **3D2R on six meters** on their last night, 7 hrs before their shut down.

I worked CQP and ended up with 80k missed Merced and Del Norte.....Still fun.
Aloha from Big Island, Fred, KH7Y

Andy, AE6Y is hard at work during the CQP operating from Kay and Ken's place.



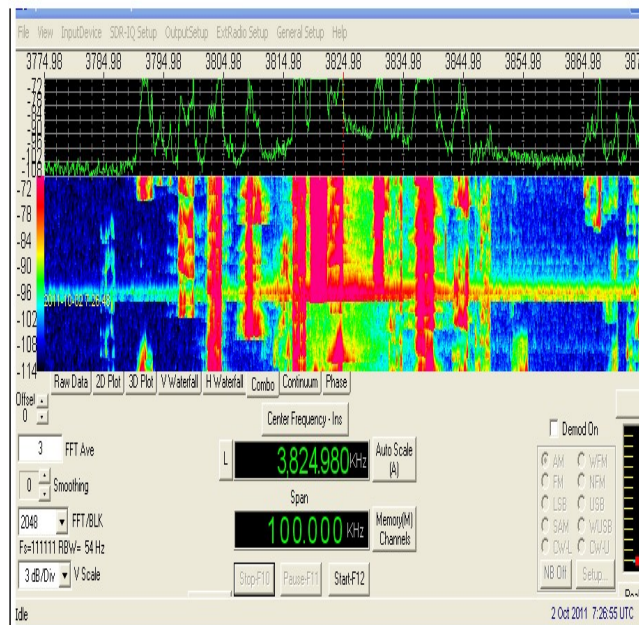
**de
K6TA and K6KO**

Hi Rick, I've attached a jpeg for CQP 80 meter SSB at half past midnight, hopefully you can use it. This screen capture is from a pan adapter configuration I set up using an SDR radio from RFSpace called an SDR-IQ and their program called Spectraview. The receiver monitors the IF output from my FT2000 which is attached to the BNC RF input of the SDR-IQ.

The frequency and mode information is obtained by Spectraview from the FT2000 through a secondary CAT connection available from another piece of software called Microham USB Device Router. The router is configured to assign the FT2000 CAT port to comm 7 and the SDR-IQ CAT to comm 19 (you can have up to 30 virtual comm ports assigned in the router software). So, when configuring N1MM Logger, the radio is configured to comm 7 in that program and connected in my case from the computer to the radio via a USB to serial adapter. When configuring Spectraview, the SDR-IQ is assigned to virtual comm 19 in that program and is connected from the computer via a USB cable to the SDR-IQ radio USB jack... The frequency, mode, etc. data coming from the FT2000 is then sent to both N1MM and Spectraview through the "WYEd" connection of the router. The data flow is bi-directional, you can point and click on Spectraview and the FT2000 and N1MM Logger will change frequency to the signal of interest.

In the image shown, the Spectraview program is set to display 100 KHz of spectrum, 50 KHz above and below the currently tuned signal (the red line in the center at 3824.98). This is particularly useful for me on 6 meters, as I can monitor from 50.050 to 50.150 to have a visual display of the beacon, CW and DX calling frequencies. If I had a real 6 meter antenna, this would be even more advantageous. It has also been very useful in checking for band openings on 10/12/15 meters during these low sunspot times. It was very nice to see the display on 10 meters during CQP. I should have

taken a screen capture then but did not think of it.



The SDR-IQ/Spectraview combination can monitor up to 190 KHz. However, the computer I am using simply does not have enough CPU horsepower to adequately display that spectrum and run all the other programs at the same time, so I have found 100 KHz to be about the maximum for me. I briefly had an Icom 756-ProII and found the display very useful but small for my eyes. Yaesu has an outboard adapter for the FT5000 but unless I win the lottery, I can't afford one and that is too small for me also. Elecraft has the P3 but that does not seem to be much different from the Icoms. Telepost has the LP-Pan and that looks very useful. However, I have wanted to play with an SDR radio for a while and picked the SDR-IQ. It can interface to a number of other programs besides Spectraview like Winrad, Ham Radio Deluxe and a few others. And with an A/B antenna switch, I can go from panadapter to SWL and back on a long winter night. But most of all, I like the pretty colors.

I had it displaying on a second monitor for a

time but needed to use that second display on a different computer. Because there is too much information on one screen now, I am going to go back to the dual monitor mode and have Spectraview on it's own display.

I know the SDR-IQ has much more capability than I am using. As I really do not understand any of this, I hope to spend the winter time learning how it all functions. I think it is magic.

73, Rick, W6RKC

I have been in the process of moving from my bay area QTH to my existing Galt QTH, so I haven't had much time for radio club meetings or contests. Additionally, my linear stopped working earlier this year, and the big (106 foot) tower has been down most of the year for repairs, due to a bent brace that was rubbing on a lift cable. Fortunately, I could still get on the air with the 50 foot tower with the 4 element SteppIR and 40 meter inverted vee. After 6 months of puzzling over how to fix the big tower, I recently built a fixture involving a 20 ton bottle jack, an I-beam, some 3/8 inch chain, and miscellaneous hardware store items. This worked perfectly for bending the four 1 inch diameter solid rods simultaneously. I'm not sure how many tons of force was involved. Now I should be able to have the MonstIR available for the contest season, especially on 40 meters. Still need to fix the linear or buy another one. I was able to get on for a limited time during CQP and mainly worked on my 10 meter WAS. I made 100's of QSO's but the only new state was Delaware. I kept hearing how loud I was, so I guess the lack of a linear didn't hurt much.

Rick N6RK

There has been a lot going on at W1RH.

Martin, AA1ON, did CQP with me for the third year in a row. He commutes between VR2 and

W1 and has been able to plan his commute around CQP. We had another great time doing CQP for 30 hours straight and it was nice to hear some of our YCCC buddies, including Dennis, W1UE, operating as 6Y6U.

It seems that there was some controversy relating to my K6C score going to MLDXCC, since Martin is not a member. It's all been cleared up. The score counts, however the rules may change next year. K6C made 312K and change, about 10 Q's less than last year, which was highly disappointing.

While Martin was here, we did a K6IDX drive by to see if anyone was around. No one home.

We took a look at the antennas, however, and it was sad to see that beautiful 80 meter 4-square crumpled by a winter storm, with only two of the 4 verticals surviving.

Martin and I also added another antenna to the farm....a 40 meter vertical square loop. The 75 ohm matching section gave us a perfect match and the antenna plays well, but about the same as the sloper. Much quieter, however.

We also had an enjoyable dinner with Martin, Rick (W6SR) and my wife, Karen.

The concrete has been poured for the second tower and I hope to have it operational with antennas for SS. I walked into an offer for a free Pro-67B, so I guess that will be the antenna for the second station until I find something better.

I spent 14 years in W1 land and never got ham plates.

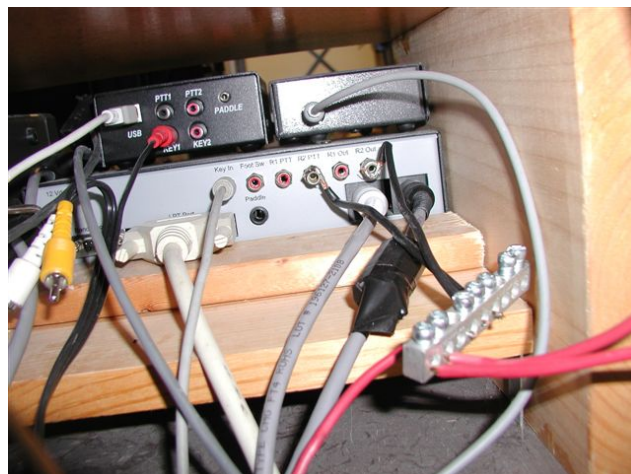


It only took 5 years in 6 land to finally get off of my duff and get them. Actually, Karen did all the work.

Got my VP8ORC card and worked 4W6A for number 319.

Last but not least, I finally got my DX Doubler to work on phone, when using the second radio.

The problem has sounded like RF feedback, but with assistance from K9YC, I absolutely verified that it was not an RF problem. The problem was modulation of the 12 volt line by the DC current between the power supply and the rig. My grounding has always been minimal in the shack and I have never had a problem....until the DX Doubler came into the picture. I did as Jim recommended and added #10 stranded copper between the DXD and the post supply and both rigs. I bought a grounding bus at Home Depot to act as the tie point.



Since the DX Doubler does not have any ground point, I just used two unused RCA jacks on the back and soldered #10's to two RCA all-metal male connectors. This worked great and required no modification of the DXD.

de Bob, W1RH

MLDXCC SEPTEMBER MEETING – SEPTEMBER 10, 2011 – SHINGLE SPRINGS

Call to Order - Meeting called to order at 12:20 by Dana, N6DW, Vice-President.

Old Business

Budget and Membership Status - Dick, K6LRN brought up the budget and membership status. No change and minimal discussion..

New Business

Holiday Meeting – Dana asked if the group wanted a holiday meeting/get-together. There was minimal discussion. The decision was not to have a holiday meeting.

November Meeting – Topic will be a Sweepstakes discussion plus annual elections.

October Meeting – No topic at this time.

Norm Regan – It was reported that Norm Regan, WA6SJQ, had a seizure following an Alaskan cruise. He's doing OK with the help of medication.

KI6T QSL Collection – Ken, K6TA, mentioned that he has had a look at Gary's QSL collection and noted that the collection has some very, very rare cards which may be the topic of a future MLDXCC meeting presentation.

ST0R Presentation – Postponed until after January 1.

Joint Meeting – Dick, K6LRN, mentioned the lack of NCCC participation at the joint meeting. MLDXCC needs to work closely with NCCC to boost attendance and, hopefully, make this the monthly NCCC meeting rather than a second meeting in July.

It was also suggested that a joint meeting between MLDXCC and REDXA might be a good idea, just to get members of the two clubs to meet and get to know each other better. Visalia was suggested as a location, should we do this.

CQP – Some discussion about the upcoming CQP.

Meeting Closed - At 1:00 PM

Talk – Video, ZL8X Dxpedition.

List of those present:

CALL	NAME	QTH	M L D X C C	NC CC
W1RH	BOB	LOTUS	X	X
W6SR	RICK	PLACERVILLE	X	X
N6DW	DANA	GRANITE BAY	X	X
KF6T	JACK	AUBURN	X	X
N6JV	NORM	SACRAMENTO	X	X
W6RFF	JETTIE	ROSEVILLE	X	X
K6BEW	BRANDT	JACKSON	X	X

K6LRN	DICK	OMO RANCH	X	X
K6TA	KEN	PINE GROVE	X	X
K6KO	KAY	PINE GROVE	X	X
K6TKD	CAROLYN	OMO RANCH	X	X

October 2011 Treasurer's Report

Balance September 1: \$1490.85

Income: 00

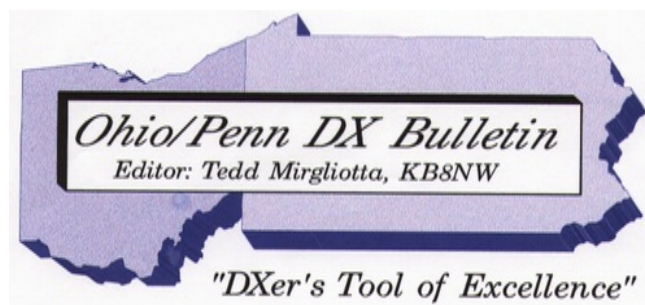
Expenses: 00

Balance September 30: \$1490.85

Carolyn Wilson, K6TKD
Treasurer

Click on the Hyperlink below to check-out the MLDXCC scores in the latest contests.
<http://mldxcc.org/scores.html>

UP-COMING DX and Dxpeditions
Click the link below to display up-coming Announced DXpeditions:
<http://www.ng3k.com/Misc/adxo.html>



OPDX Bulletin 1031
October 10, 2011

The Ohio/Penn Dx PacketCluster
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Editor Tedd Mirgliotta, KB8NW
Provided by BARF80.ORG (Cleveland, Ohio)

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, K1XN & GoList, NJ1Q & ARRL DX, NG3K & ADXO, W3UR & The Daily DX, N4AA & QRZ DX, KH6BZF, K8GI, K8YSE, W8GEX (60m News), W8IZC, W9ILY, N0TG, AT International, DH7WW, DL1SBF, DK8JB & The DX News Letter, DxCoffee.com, DX-World.Net, EA5GL, EA5RM, F6AJA & Les Nouvelles DX, I1HYW, I1JQJ/IK1ADH & 425 DX News, LA9VDA, OZ6OM & 50 MHz DX News, Pete's- DX-Newsdesk, PY2SEX, RSGB IOTA Web Site, TA1HZ, VA3RJ & ICPO, VHF-DX-Portal (MMMonVHF), VK4FW and YS1GMV for the following DX information.

DXCC COUNTRY/ENTITY REPORT

According to the AR-Cluster Network for the week of Sunday, 2nd-October, through Sunday, 9th-October there were 226 countries active. Countries available: 3A, 3B8, 3D2, 3D2/r, 3DA, 3V, 3W, 4J, 4L, 4O, 4S, 4X, 5B, 5H, 5N, 5R, 5T, 5W, 5X, 5Z, 6Y, 7P, 7Q, 7X, 8P, 8R, 9A, 9G, 9H, 9J, 9K, 9L, 9M2, 9M6, 9N, 9Q, 9V, 9Y, A2, A3, A4, A5, A6, A7, A9, AP, BV, BY, C2, C3, C5, C6, CE, CE9, CM, CN, CP, CT, CT3, CU, CX, D2, DL, DU, E5/s, E7, EA, EA6, EA8, EA9, EI, EK, EP, ER, ES, ET, EU, EX, EY, EZ, F, FG, FJ, FK, FM, FO, FP, FR, FY, G, GD, GI, GJ, GM, GU, GW, H40, HA, HB, HB0, HC, HH, HI, HK, HK0/a, HL, HP, HR, HS, HZ, I, IS, J2, J3, J6, J8, JA, JD/o, JT, JW, JX, JY, K, KG4, KH0, KH2, KH6, KL, KP2, KP4, LA, LU, LX, LY, LZ, OA, OD, OE, OH, OH0, OJ0, OK, OM, ON, OX, OY, OZ, P2, P4, PA, PJ2, PJ4, PJ5, PJ7, PY, PZ, R1FJ, S5, S7, S9, SM, SP, ST, SU, SV, SV/a, SV5, SV9, T32, T5, T7, TA, TE, TG, TI, TJ, TK, TL, TR, TU, TY, TZ, UA, UA2, UA9, UK, UN, UR, V2, V3, V4, V5, V6, V7, V8, VE, VK, VK0M, VP8, VP9, VR, VU, XE, XU, XX9, YA, YB, YI, YJ, YK, YL, YN, YO, YS, YU, YV, Z2, Z3, ZA, ZB, ZC4, ZD7, ZF, ZL, ZP, ZS

* **PLEASE NOTE:** The report "could" contain "Pirate/SLIM" operations or more likely a

"BUSTED CALLSIGN". As always, you never know - "Work First Worry Later" (WFWL).

3DA, SWAZILAND

Operators Gert/ZS6AYU and Hannes/ZS6BZP will once again be active as 3DA0GF (CW) and 3DA0HC (SSB), respectively (if the licences can be obtained in time), from the Hawane Resort near Mbabane, during the weekend of October 21-24th. Activity will probably be on 40-10 meters including the 30/17/12 meters and will alternate operations between CW and SSB (If possible, simultaneous operation). QSL only direct to their home callsign. CW QSOs to ZS6AYU and SSB QSOs to ZS6BZP. QSL address can be found on QRZ.com.

3D2R, ROTUMA (QRT)

The 3D2R team went QRT 9 hours earlier than planned on October 5th. According to the 3D2R Web page (edited): "Our Team is greatly satisfied about our outstanding score, 60,000 QSOs for 6 days. We are pleased to announce that the new donated Amateur Radio Station (3D2RI) at the Rotuma High School began operation today, Oct. 6, 2011. We kindly ask amateur radio stations world-wide to make a QSO with the members from the radio club -- slowly and with passion. Members of our team made the following donations to the Rotuma amateur radio club:

- TS 570 SG transceiver, Hrane YT1AD
 - New A3S Tri-band Antenna with tower, Hrane and 3D2R Team members
 - New 200' RG-8X Cable, Hrane and 3D2R Team members
 - Switching Power supply 25A/13.8VDC, Paul - N6PSE
 - Laptop Computer HP, Aleksey - UA4HOX
 - Headphones Heil HC-4 with foot switch, Krassy - K1LZ
 - 1,500.00 USDs Cash for School Projects, David K3LP
 - 2,000 QSL cards 3D2RI was donated by Atilano - PY5EG
 - Equipment for satellite Internet with one year subscription will be donated by Atilano - PY5EG
- Once again, thank you for each contact and the pleasure that you have brought from 3D2R activity. The completed 3D2R

LOG will be uploaded next week." QSL via YT1AD, direct or by the Bureau. Online log is available at:
<http://www.qslnet.de/member/yt3w/yt1ad/logsearch.php>

For more details and updates, see the 3D2R Web page at:
<http://www.yt1ad.info/3d2r/index.html>

4X, ISRAEL

David, N6HD, will be active as 4X/N6HD from Israel between October 23rd and November 3rd. Activity will be on 160-10 meters using CW and SSB. QSL via his home callsign or LoTW.

9H, MALTA (Reminder)

Just a reminder that operators Tommy/DL8KX and Andy/DD8ZJ will be active as 9H3KX from **Gozo Island (EU-023, MIA MM-004, WLOTA 0046)** between now and October 14th. Activity will be on the HF bands using CW and SSB. QSL via DL8KX, by the Bureau or direct.

9H, MALTA (EU-023)

A German team of operators will be active as 9H9OB from Malta between October 14-22nd. Operators mentioned are Torsten/ DG0OHD, Rich/DK8YY, Hans/DL1AOB, Dieter/DL1AWD, Ingolf/DL4JS, Olaf/DL5AOL, Jens-Uwe/DL8ALU and Konstantin/DO5KO. Activity will be on the HF bands using CW, SSB and the Digital modes, as well as on 2 meters CW/SSB, and an entry in the Worked All Germany Contest (WAG - October 15-16th). QSL via DH7WW, by the Bureau or direct.

9L, SIERRA LEONE

Dr. Karl-Heinz Ilg, DK2WV, will once again be active from here and lead another team of operators consisting of Jan/DJ8NK, Andy/DL5CW, Andreas/DL9USA and Heye/DJ9RR. They will be active as 9L0W from **Banana Island (AF-037)** between November 22nd and December 4th. Activity will be on 160-10 meters using CW, SSB, RTTY and PSK.

Suggested frequencies are:

CW - 1826, 3506, 7006, 10106, 14006, 18076, 21006, 24896 and 28006 kHz

SSB - 3776, 14186, 18136, 21186, 24936 and

28486 kHz

RTTY/PSK - 7046, 10146, 14086, 18096, 21086, 24916 and 28086 kHz

Also, watch the IOTA frequencies. Operations will also include participation in the CQWW DX CW Contest. QSL via DK2WV. For more details and update, visit:

<http://www.mdx.org/910w>

9TH AAW

The first teams and individuals are already lining up to be active in the 9th Antarctic Activity Week (AAW) which will take place February 20-26th. This is an all bands, all modes worldwide event celebrating the international scientific work in Antarctica. Certificates may be obtained from the WAP using the QSLs from the WAP Reference Numbered stations worked. For more details, see:

<http://www.waponline.it/Default.aspx?tabid=113>

A6, UNITED ARAB EMIRATES

Members of the South East Europe Contest Club have cancelled their A61K operation in the CQWW DX SSB Contest. They can not operate without TRA (Telecom) licence.

B7, CHINA

A Chinese team of operators will activate B7P from Foshan City (WW. Grid OL63NA), nearby Guangzhou City, during the CQWW DX SSB Contest (October 29-30th) as a Multi-Multi entry. All QSLs will be sent via Bureau. For direct cards, please QSL via their manager BD7IXG.

CY0, SABLE ISLAND (Reminder)

Look for Alan, VE1AWW, to be active again as VE1AWW/CY0 until the end of the year.

Activity will be limited to his spare time using just a vertical and dipole. On his QRZ.com page, Alan states, "The rig is a Kenwood TS-690S with the AT running a maximum of 100W through a Hy-gain AV-18VS vertical on top of a 30 ft tower or a triband 160/80/40 inverted Vee (CY0 only)." He usually works mainly SSB.

Alan is a government employee at the Sable Island station. QSL via his home callsign.

CY0, SABLE ISLAND

Randy, N0TG, has announced that he is going back to Sable Island in a second DXpedition, July 2012. Complete details have not been released yet. Watch for more details and updates on:

<http://www.cy0dexpedition.com>

D4, CAPE VERDE

Italian operators Fabio/I4UFH, Cortes/IZ4DPV, Luca/IK2NCJ, Carlo/IK1HJS, Fiorenza/IZ8FVN, Dario/IZ4UEZ and Gianfranco/IT9SPB will be active as D4C between October 10-30th. Their activity will include the CQWW DX SSB Contest (October 29-30th) as a Multi-? entry. QSL via IZ4DPV. For the latest information, check the D4C Web page at:

<http://www.d4c.cc>

D4, CAPE VERDE

Achim, DL1DAW, will be active as D44TZN from **Sal Island (AF-086)** between October 12-18th. Activity will be holiday style on 80-10 meters using CW, SSB and RTTY. He will also be in the Worked All Germany Contest (WAG) (October 15-16th) to provide a multiplier. QSL via his home callsign.

EA9, CEUTA AND MELILLA

A group of Spanish operators will be active as EE9Z during the CQWW DX SSB Contest (October 29-30th) as Multi-? entry. QSL via EA9LZ (QRZ.com). Operators mentioned are: Cristobal/EA7RU, Jorge/EA7HZ, Jorge/EA9LZ, Julio/EA7JB, Al/EA7JR, Juan/EC7DX, Enrique/EA9GW, Jorge/EA9LZ and possibly others.

EY, TAJIKISTAN

Nodir, EY8MM, from Dushanbe, will be active during the CQWW DX SSB Contest (October 29-30th) as a Single-Op/Single-Band (TBD) entry. QSL K1BV via direct, by the Bureau or LoTW. Check out his home page at:

<http://www.ey8mm.com>

H40, TEMOTU PROVINCE (Reminder)

By the time you read this, Jacek, SP5DRH, will once again try to activate **Pigeon Island (OC-065)**, Reef Islands, in the Temotu Province between October 8-21st. Operation last year had to be cancelled due to "dramatic plane delay" that destroyed Jacek's/SP5DRH and Jerzy's/SP3BQ plans. Jacek's main target will be Europe on 160m, some 80m is planned too. Operations will be mainly CW, and RTTY on 15/17 meters. QSL via SP7DQR ONLY. For more details and updates, watch:

<http://www.sp5drh.com/h40>

HQ2, HONDURAS

Dan, HR2DMR, will be active as HQ2W during the CQWW DX SSB Contest (October 29-30th) as a Single-Op/All-Band/QRP entry. QSL via HR2DMR ([QRZ.com](http://www.qrz.com)) or LoTW.

HU, EL SALVADOR (Update)

Mario, YS1GMV, and a team of operators will be active as HU1YS from "Club de Radioaficionados de El Salvador" (C.R.A.S.) in San Salvador during the CQWW DX SSB Contest (October 29-30th) as a Multi-Single entry. Operators mentioned are Jose/YS1MS, Federico/YS1FEA, Francisco/YS1FAF, Mario/YS1MAE, Mario/YS1TG, Florencio/YS1ZC, Mario/YS1GMV and possible others to be confirmed. QSL via EA5GL. ADDED NOTE: Mario, YS1GMV, informs OPDX that he has the 1987-88-89 HU1YS logs, also all the YS1YS and YS0YS logs, and of course the YS1GMV, HU1GMV and HU0WDX logs since 1972.

IOTA NEWS

EU-061. Operators Bjørn/LA5UKA and Trond/LA9VDA were active as LA6Q from **Spjaeroy Island** this past weekend (October 7-9th). QSL via LA9VDA.

EU-120. Operators Kev/M0TNX and Martin/M3POG will once again activate **Hilbre Island** as GB2HI. After their successful

activation of Hilbre Island in May this year, the duo has received another permit to be on the air and hope to be on the evening of Friday, October 21st, through the morning of Sunday the 23rd. Activity will be on 160-10 meters using CW, SSB and RTTY. Since their activity will be taking place in the autumn, a special emphasis will be placed on the lower bands. Operations on 160m and 80m will be run on alternate sunrise and sunset. QSL via M0OXO. They will also upload to LoTW and E-QSL twice daily as long as there is an internet connection. For more details and updates, watch:

<http://www.gb2hi.co.uk>

EU-189. (MS0INT Postponed) The June 2012 MS0INT, **Isle of Rockall** DXpedition has been postponed for another year. The team's decision was not made easily considering their planning and organizational aspects were going extremely well. They believed that the recent activation by the MM0RAI/p Belgian team made Rockall a less attractive target. For more details about the postponement see:

<http://www.eu189.com>

NA-078. Manuel/XE2HUQ will be active as XF1M from **Santa Margarita** sometime in December. Specific dates are not announced. Activity will be on 80/40/20/17/15/12/10 meters using SSB only. QSL via XE2HUQ.

NA-089. Operators Dragan/K0AP, Hector/AD6D/XE2K and Mike/AB5EB will be active as homecall/5 from **Grand Island (aka Half Moon Island)** possibly starting as early as 2300z, October 14th, and stay until October 16th. The operation will be dependent on good weather. Activity will be on 40-10 meters using CW and SBB, with 2 stations using a 3 element beam and vertical antennas. QSL via their home callsigns.

NA-165. Operators Manuel/XE2HUQ, Saul/XE2HQI and Jose/XE2HVF will be active as XF1C from **Coronados Island** between November 7-12th. Activity will be on 80/40/20/17/15/12/10 meters using CW and SSB. QSL via XE2HUQ.

NA-240. NEW IOTA! Rick, K6VVA, is currently making plans for another Alaskan IOTA next year, this time to the Bethel County IOTA Group. The group contains **Kwigluk and Pingurbek Islands**. The operation depends on a few final details and WX, but is planned for June 22-24th, 2012. For more details and updates, watch the following Web and Twitter pages:

<http://www.k6vva.com/iota/na240>
<http://twitter.com/#!/k6vva>

JUST A REMINDER!

The DX Magazine's "2011 Most Wanted DX Survey" will be coming to an end. The deadline is October 15th. The survey is available at:

http://www.dxpub.com/dx_survey2011.html

Please remember that South Sudan is not on the form this time. Although there was an operation from there this year (ST0R), it is not expected that the confirmations will be available before the October 15th deadline for it to be included in this survey.

KG6, GUAM (OC-026)

Joel, KG6DX, will once again be active as KG6DX in the CQWW DX SSB Contest (October 29-30th) as a Single-Op/Single-Band (10m)/High-Power entry. QSL via KG6DX, CBA or QRZ.com address. Also LoTW.

KH6BZF PROPAGATION FORECAST/REPORT (October 10-16th)

Oct/10th	HN	Oct/13th	AN
Oct/15th	AN		
Oct/11th	HN-AN	Oct/14th	AN
Oct/16th	AN		
Oct/12th	AN		

SOLAR REFERENCE KEYS/INDEXES AND GEOMAGNETIC REFERENCE

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=====
=====
NORMALITY                                GEOMAG
K Values      Alpha
-----
AN - Above Normal                        Quiet
K=0-1         0-7

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HN	- High Normal	Unsettled
K=2	8-15	
LN	- Low Normal	Active
K=3	16-29	
BN	- Below Normal	Minor Storm
K=4	30-49	
DIS	- Disturbed	Major Storm
K=5	50-99	
VR	- Very Disturbed	Severe
Storm K=6-9	100-400	

KH7, HAWAII

Members of the Pacific (Oahu) Contest Club will be active as KH7X during the CQWW DX SSB Contest (October 29-30th) as a Multi-Multi entry. Operators mentioned are David/G3NKC, Laurie/G3UML, Martin/G4XUM, Stewart/GM4AFF, Charles/K1XX, Mike/K9NW, Paul/K9PG, Mike/KH6ND, Kimo/KH7U and Robert/NH6XO. QSL via K2PF.

OA, PERU

Jürgen, DJ2VO, will be active as OA4/DJ2VO from near Lima starting October 11th, for three weeks. Activity will be on all HF bands, CW only, using 100 watts and a vertical antenna. QSL via his home callsign, by the DARC Bureau or direct.

PJ7, SINT MAARTEN

Operators Charlie/K4UWH and George/W4BUW will be active as PJ7/homecall between October 29th and November 11th. Activity will be mainly CW on 160-10 meters, including a few operations on 60 meter SSB. They are not sure how effective their antennas will be on 160 and 80 meters. QSL via their home callsigns. Also, watch [QRZ.com](http://www.qrz.com) for additional information.

PZ5, SURINAME

Stefan, DK1MM, will be active as PZ5MM from Suriname between October 25th and November 1st. His main activity will take place during the CQWW DX SSB Contest (October 29-30th) as a Single-Op entry. QSL via his home callsign. Visit his home page at:

<http://www.dk1mm.com>

QSL INFO AND NEWS

QSL-INFO from DB0SDX (dated October 9th)
 4J0K via RW6HS (direct only)
 HZ1PS via IZ8CLM
 OG6K via OH6MSZ
 5N7Q via DF8DX
 ID9/DL4KM/P via DL4KM
 OZ/DF8LD/p via DF8LD
 5Z4/PA5M via PA7FM
 IG9/I2ADN via I2ADN
 PA/DL2VFR via DL2VFR
 6O0M via PA7FM
 IQ5HC via IZ5RLK
 SA3D via SM3WMU
 CP8/DF7NX via DF7NX
 K4L via N4NX
 SF3A via SM3CER
 EG7LLJ via EA7URJ
 KJ4YDW/6Y5 via KJ4YDW
 SU1SK via SM5AQD (direct)
 ER8C via ER1DA
 LA6Q via LA9VDA
 SV5/DF7XE/P via DF7XE
 EZ7V via RW6HS (direct only)
 LU1EHR via EA5KB
 T32CI via SM6CAS (direct)
 GB5WVR via 2E1HQY
 LU6EE via EA5KB
 TF3W via TF3IRA
 GB650JP via G0000
 LU7FOJ via EA5KB
 V63DX via JA7MHZ
 H40KJ via SP7DQR
 M0/RK3DT via RK3DT
 W1S via K1NIU
 HB9SPACE via HB9ACA
 MS0WRC via G0MTD
 XE1RK via EA5ZD
 HF100MSC via SP1NQF
 OA6/OE3NHW via OE3NHW
 XE2B via EA50L
 HF225DT/8 via SP9PTA
 OG2A via OH2RA
 YU/ZL1SLO via ZL1SLO
 HL4/F5IDM via KH6-Bureau
 OG5N via OH1CQ
 ZS2DL via NI5DX
 ZS3Y via SQ8X

MM0RAI/p (EU-189) QSL POLICY (dated

October 6th). Marc, ON6CC, reports: "The log has been uploaded to LoTW. All individual sponsors (both 2009 and 2011) will get a 'free' direct QSL card via mail, no need to send a SASE to our manager! (provided you worked us of course). Make sure your address is

correct on QRZ.com! Bureau cards will be put in the QSLing system in November. Members of the GDXF and MDXC will have their cards a little sooner. The QSL card has to be designed and printed so sit back and wait. If the online log does not show your callsign send an e-mail to ON4ATW. An update will be posted on this Website

<http://www.rockall.be>

to let you know when the cards arrive from the printer."

NEW QSL MANAGER. Pedro, EA5GL, announced that he is now the new QSL Manager for A61M. This is due to the postal problems A61M has been receiving. If someone has sent a QSL and has not had a replay, A61M apologizes and states he is sorry but please send a QSL to his new manager because he has not received anything. You are free to contact Mohammad by E-mail for updates or check QSOs list. His E-mail address is on QRZ.com.

NEEDS SOME HELP. It is official, Alex, PY2SEX, needs some information about Cologne (Koln), Germany, and/or any HAM Radio operators because he is moving there. He can be reached via his E-mail address at: py2sex@gmail.com

ST0R QSL STATUS. Antonio, EA5RM, informs OPDX on October 9th, that the "ST0R QSLs arrived from printer five days ago and the first batch of cards were mailed. Donors's QSL and cards requested through OQRS will be the first going out."

QSL TC2X via QSL Manager TA1HZ, either direct to POB 73, Karakoy 34421, Istanbul, TURKEY, address or via TA QSL Bureau. Activity this past weekend was during the Scandinavian Activity Contest.

QSL RECEIVED VIA LoTW: 4W6A, 9L5MS, EA4EQD, F1MWV, FP/G4EAG, FP/M0BLF, G0ORC, GW0TKX, GW4BKG, GW50, HK1MW, JO3JIS, JS1NDM, JS3CTQ, JW8AJA, LU2FE, LX/PA3EWP, NL7G, OK1TN, OK6DJ, OM5MF, OX3R, RA3CQ, RW3XZ, SM5IZS, SQ5STS,

TF3IRA, TF3Y, UA3KW, VK7ZX, YV6BFE and WH2X

QSLs RECEIVED VIA MAIL: 3B8FQ, CS2W, GB5TI, RI1FJ, ST0R, UA2F, VE1OMI, VK6DXI, VK0KEV and VP9NI

QSLs RECEIVED VIA THE BUREAU: ST2R

T2, TUVALU (T2T Press Press).

Bill, VK4FW, sent out the following press release on October 6th: "Today I received some disturbing emails being circulated from an EU operator. So before this all gets out of hand, I want to set the record straight. The operators and equipment are ready to go. The entire team will be concentrating in getting as many individual callsigns in the log especially from EU and AF where Tuvulu is wanted the most. Logs WILL be uploaded to LOTW and EQSL within 12 months of the DX- pedition. QSL Manager is VK4FW. I am personally disgusted that persons who have nil to do with this DXpedition have seen fit to try to interfere and cause major problems." For more details and updates, watch:

<http://www.t2t.pacific-dxers.com>

T32, CHRISTMAS ISLAND

The Five Star DXers Association (FSDXA) group continues to be very active as T32C from Kiritimati (Christmas Island) until October 26th. As of 0704z, October 9th, the T32C operation has made 91639/QSOs with 25386 Unique Callsigns (36971/SSB, 49979/CW and 4689/RTTY). Logs will be uploaded to ClubLog

www.clublog.org/charts/?c=T32C&a=embed on a daily basis, and any news posted will be on the T32C website. For more details/updates, visit their Web page at:

<http://www.t32c.com>

T32, EAST KIRIBATI

Dave, VO1AU, will be active as T32AU from **Kiritimati Island (aka Christmas Island, OC-024)** during January 2012. Specific dates were not provided. QSL via VO1MX only for the 2012 operation.

T6, AFGHANISTAN

Les, WB8LES, Defense Contractor pilot who is stationed in FOB (Forward Operation Base) Shank, Loghar Province, Afghanistan, is expected to be active as T6LB soon. He was sent an ICOM 706 and some other parts for building antennas this past week. Les will be posting updates and the times and frequencies (for 40/20 meters) on QRZ.com for those who need a T6 confirmation.

T7, SAN MARINO

Ivo, 9A3A/E73A, will activate the Amateurs Radio Republic of San Marino (A.R.R.S.M.) club station T70A during the CQWW DX CW Contest (November 26-27th) as a Single-Op/All-Band/High-Power entry. QSL via T70A, by the Bureau. Also via LoTW.

TA, TURKEY

Hartwig, DL7BC, will once again be active as TA2/DL7BC during the CQWW DX SSB Contest (October 29-30th) as a Single-Op/All-Band/Low-Power entry. QSL via his home callsign.

TF, ICELAND

Siggi, TF3CW, has announced that he will be active in the CQWW DX SSB Contest (October 29-30th) as Single-Op/Single-Band (20m) entry. QSL via LX1NO.

TX5, MARQUESAS ISLANDS (Update to [OPDX.1030/Reminder](#))

The international team of operators will start making their way to Hatiheu, **Nuku Hiva (OC-027)** sometime this week to be active between October 19th and November 1st. The whole team should be in the Pacific area (Tahiti) on October 15th. For more details, visit the TX7M Web page at:

<http://www.tx7m.com>

WP3, PUERTO RICO (NA-099)

Alfredo, WP3C, will be active during the ARRL DX CW Contest (February 18-19th) as a Single-Op/All-Band/Low-Power entry. His activity will also count for the WLOTA as LH-2802. QSL via

W3HNC, direct preferred, but Bureau is OK. Visit his web page at:

<http://www.wp3c.qth.com>

XV2, VIETNAM

YL operators Do/HL1KDW and Kyoko/JR3MVF will be active as XV2KDW and XV2YL, respectively from Ho Chi Minh City until October 12th. Activity will be on 20/15 meters. QSL via their home callsign.

XU7 & XV2, CAMBODIA AND VIETNAM

Mal, VK6LC, will be on a "DX Vacation". He is expected to be in Cambodia (XU7) between November 5-20th; callsign was not provided, and he did not mention if he will operate. From XU7, he will then return once again to Vietnam and will be active as XV2LC from Vung Tau between December 2-8th. He states that this will be a dedicated 30 day "Culture Tour" of Cambodia (XU7) in November and Vung Tau, Vietnam, in December (on route for 7 days in October, he will be in 9M2 Malaysia). Activity will be on 20/17/12 meters using CW and SSB. QSL via his home callsign, only direct. He does NOT use the QSL Bureau.

ZD8, ASCENSION ISLAND

Operators Allan/W6HGF/ZD8F and Tom/K7ZZ/ZD8ZZ will be active from Garden Cottage on top of Green Mountain on **Ascension Island (AF-003)** sometime in early November for two weeks. Look for Allan to focus on RTTY, while Tom will provide the CW operations. QSL via their home callsigns direct only or LoTW. More details will be forthcoming.

ZS7, ANTARCTICA

Gerard, ZS6KX, is currently active as ZS6KX/ZS7 (until he receives his ZS7KX callsign) from the SANAE 4 Base, Vesleskarvet, Queen Maude Land (AA ZS-03, WAP ZAF-03, WFF ZSFF-026), until February 2012. Activity is mainly on 20 meters SSB (check around 14175 at 1400z), and when weather permits.

**** IMPORTANT NOTICE/REMINDER**

The Ohio/Penn DX Bulletin now has a new FAX number.

Contributors can now send/fax their DX information to the following number:

1-419-828-7791 (F A X only!)

SPECIAL NOTE BY EDITOR:

If you are having a problem receiving bounced mail by sending mail to me via " kb8nw@barf80.nshore.org ", please send mail to me via "

kb8nw@arrl.net "..... TNX de Tedd
KB8NW

**PLEASE NOTICE (as of February 12, 2007),
NEW ADDRESS CHANGES FOR THE
OPDX INTERNET
HELP/SUBSCRIBE/UNSUBSCRIBE
REQUEST:**

Help: opdx-request@barf80.org Subject:help

Subscribe: opdx-request@barf80.org

[Subject:subscribe](mailto:opdx-request@barf80.org)

Unsubscribe: opdx-request@barf80.org

[Subject:unsubscribe](mailto:opdx-request@barf80.org)

**OPDX WORLD-WIDE WEB HOME
(provided by John, K8YSE**

k8yse@papays.com):

<http://www.papays.com/opdx.html>

**ALSO VISIT THE NORTERN OHIO DX
ASSOCIATION'S WEB HOME PAGE:**

<http://www.papays.com/nodxa.html>

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit.

To contribute DX info, please send via InterNet Mail to:

kb8nw@barf80.nshore.org

- OR -

kb8nw@arrl.net



Solar Update

10/07/2011

Sunspot excitement continues, as we continue to see daily images of our Sun peppered with spots. The average daily sunspot numbers for the week were about the same as the previous week, increasing from 96.1 to 96.7, while the average daily solar flux dropped from 155.5 to 132.6. The three month moving average of sunspot numbers puts us into activity levels last seen in mid-2004. Sunspot numbers for September 29-October 5 were 99, 89, 86, 92, 85, 126 and 100, with a mean of 96.7. The 10.7 cm flux was 136.6, 138.1, 136.9, 130.9, 128.9, 130.3 and 126.7, with a mean of 132.6. The estimated planetary A indices were 15, 8, 9, 11, 6, 6 and 20, with a mean of 10.7. The estimated mid-latitude A indices were 16, 5, 12, 7, 3, 4 and 12 with a mean of 8.4.

September is over, so now let us look at our three month moving average of sunspot numbers. The three month moving averages for this year -- centered on January through August (August would include numbers from July, August and September) -- were 35.3, 55.7, 72.3, 74.4, 65.9, 61.5, 63 and 79.6. The jump to 79.6 is a big increase. The three month moving average centered on June 2004 was 80.8, which was the last time the average was near 80.

The latest NOAA/USAF forecast shows solar flux at 125 on October 7, 130 on October 8-13, 110 on October 14-16, 115 and 120 on October 17-18 and 125 on October 19-29. Planetary A index prediction shows 10 on October 7, 8 on October 8 and 5 on October 9-27, followed by 8 on October 28-30. Geophysical Institute Prague predicts quiet to unsettled conditions on October 7-8, unsettled October 9-10 and quiet on October 11-13. The monthly sunspot maximum prediction from NASA has the next sunspot maximum moving forward a month from May to April 2013, with the sunspot maximum 7 points

higher. Last month, the smoothed sunspot number was predicted to peak at 70 in May 2013, and now the number is 77 in April 2013. You can read it [here](#). Note that these are International Sunspot Numbers, which are much lower than the Boulder numbers reported in this bulletin.

Last week, we had a report from Fred Honnold, KH7Y, of Hawaii with 6 meter news. A week ago, he sent this follow-up, so when he refers to Wednesday night that is September 28 and “last night” is Thursday, September 29. Fred writes: “On Wednesday night, I worked 21 VK4s. Earlier in the evening, I worked LU5FF. Yesterday, I worked ZP5SNA, TI7/N5BEK, LU5FF, 3 Brazilian stations, but Australian or Philippine stations, just Central and South America. I had a station in Venezuela and Ecuador call me, but I didn’t have QSOs with them. Another very interesting QSO I had last night is worth chatting about. I worked Peter, PP5XX, that is a 12,500 km path, and within a few minutes, Peter worked BV2DQ, long path, 20,000 km path. Not bad for 6 meters. That 20,000 km QSO between PP5XX and BV2DQ is exciting for sure.

Joe Flamini, W4BXG, of White Hall, Virginia writes: “I worked Cardiff, Wales on 10 meters mobile on my way to work on September 27, and Puerto Rico on my way home. Wow!”

Bill Tynan, W3XO, of Kerrville, Texas, says that Sunday, October 2 was his best day in the new solar cycle for 6 meters. He lists a bunch of calls from South America and notes, “Although many classify all north/south propagation as TEP, I contend that much of it is F2. Certainly the Ecuadorian stations who are north of the geomagnetic equator are not TEP. On 6 meters, I run 700 W to a 50 foot boom at 70 feet.” TEP refers to trans-equatorial propagation

For more information concerning radio propagation, visit the [ARRL Technical Information Service Propagation page](#).

UP-COMING CONTESTS (complete)

For the latest contest info. click on the following link:

<http://www.hornucopia.com/contestcal/contestcal.html>

New York QSO Party	1400Z, Oct 15 to 0200Z, Oct 16
Illinois QSO Party	1700Z, Oct 16 to 0100Z, Oct 17
ARRL School Club Roundup	1300Z, Oct 17 to 2400Z, Oct 22
CQ Worldwide DX Contest, SSB	0000Z, Oct 29 to 2400Z, Oct 30

November 2011

ARRL Sweepstakes Contest, CW	2100Z, Nov 5 to 0300Z, Nov 6
WAE DX Contest, RTTY	0000Z, Nov 12 to 2359Z, Nov 13
Kentucky QSO Party	1400Z, Nov 12 to 0200Z, Nov 13
CQ-WE Contest	1900Z, Nov 12 to 0500Z, Nov 14
ARRL Sweepstakes Contest, SSB	2100Z, Nov 19 to 0300Z, Nov 21
Run for the Bacon QRP Contest	0200Z-0400Z, Nov 21
CQ Worldwide DX Contest, CW	0000Z, Nov 26 to 2400Z, Nov 27

December 2011

ARRL 160-Meter Contest	2200Z, Dec 2 to 1600Z, Dec 4
NCCC Sprint Ladder	0230Z-0300Z, Dec 9
ARRL 10-Meter Contest	0000Z, Dec 10 to 2359Z, Dec 11
NCCC Sprint Ladder	0230Z-0300Z, Dec 16
Stew Perry Topband Challenge	1500Z, Dec 17 to 1500Z, Dec 18
Run for the Bacon QRP Contest	0200Z-0400Z, Dec 19

The MLDXCC NEWSLETTER

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Comments or questions on this bureau's operation may be directed to kc6awx@arrl.net
See the W6 Bureau-home.

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