

SUNSPOTS



REDWOOD EMPIRE DX ASSOCIATION

P.O. Box 750834, Petaluma, CA 94975

A DX and Contest-minded Amateur Radio Club serving the California coast north of the Golden Gate Bridge

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Visit our Web Site at <http://www.redxa.com/>

MEETING ANNOUNCEMENT

Wednesday, November 13, 2013 at Boulevard Cafe & Grill, Petaluma. If you need directions, please call one of the club officers.

6 pm — Social Hour in the Lounge

7 pm — Dinner and Meeting

8 pm — Program

PROGRAM: Our Program for the evening will be by Ira, K2RD's presentation on DXing and Contesting from a City lot.

REDXA President's Report

If you missed last month's meeting, you missed a great video produced by Alan, K6SRZ and his 2001 County expedition trip to Northern California for CQP. It was complete with audio clips from news reports around the time of the 9-11 attacks and as always a great musical soundtrack.

It appears REDXA and MLDXCC will be going down to the wire again for top club spot in CQP. I heard many REDXA calls on the air. I don't think we had as many logs submitted as we've had in the past, but it appears the average score per log is much higher than previous years. I'm sure we'll all be anxiously waiting for the final reports.

I have personally achieved my best scores as a SOHP in this year's CQP and SS CW contests. I seem to be getting a little better each year, almost 400 Q's better per contest. I'm starting to operate more efficiently and staying focused with making Q's. I have a LONG way to go, but it's encouraging to see consistent improvement from year to year.



As the club transitions to a new President and BOD's, we are still looking for a Secretary to take notes at the meetings and we'll also need someone to step up and write the DX and Contesting articles and update the Honor Roll for Sunspots. Let us know if you want to volunteer to help out the club.

I look forward to seeing you all on November 13th for Ira, K2RD's presentation on DXing and Contesting from a City lot.

BOARD OF DIRECTORS MEETING OCTOBER 2013

by Rick, N6GY

NO MEETING WAS HELD

OCTOBER MEETING MINUTES

by Rick, N6GY

President Jim K6JS called the meeting to order at 7:47 pm, October 9, 2013 at the Boulevard Cafe in Petaluma. There were 18 members and 1 guest in attendance.

Jim apologized for the lack of the "President's Column" in the last "SUNSPOTS". Personal and dental obligations kept him from filing his column on time.

Chuck N6OJ was not present, but Jim noted that he had come through with a new REDXA Badge manufacturer, and that several new badges were available to be picked up.

He informed Saraj KU6F, that as winner of the last "Spirit" Award, she would be responsible for forming a committee, coming up with a suitable award, and selecting the member to be honored next. She agreed.

A motion was entertained to accept the minutes of the September meeting as published in the last "Sunspots". Motion was made, seconded, and passed.

No Treasurer's report was presented, as the books had not been transferred to our new Treasurer Bill KH6GJV.

Jim announced the multiple injuries of Rich W6UDS, who fell off his roof prior to the Cal QSO party, and was recuperating in a skilled nursing facility in Marin. The entire membership wishes Rich a speedy recovery.

Jim asked if there were any recommendations for change to make the club better. After a long silence, Bill WX6B suggested new leadership. A long laugh was had by all. It was somewhat needed after the sobering previous announcement about Rich.

Alan K6SRZ the President of the Northern California Contest Club was introduced. He briefly discussed the California QSO Party, and our club's roll.

He further encouraged REDXA's roll in the upcoming ARRL SWEEPSTAKES Contest. The first weekend of November will be CW, the third weekend of November will be SSB. The NCCC is in competition with several other National Clubs.

He then showed a video he made of his CQP in Weaverville in October 2001, as well as a video of his trip to Fiji.

The meeting was ended at 9:15.

Monthly San Francisco Section News Summary

Here is the link for the News Summary:
<http://www.arrl.org/sections/?sect=SF>

Treasurer Report

by Bill, KH6GJV

REDXA TREASURER'S REPORT

9/30/13 Balance Forward		* \$2,285.01
INCOME		
Badge	16.00	
Dues 2013 & 2014	40.00	
Raffle (net)	<u>135.00</u>	
TOTAL INCOME		191.00
EXPENSES		
Badge	20.37	
Office Supplies	<u>57.64</u>	
TOTAL EXPENSES		(78.01)
CASH FLOW		112.99
10/31/13 Ending Balance		<u><u>\$2,398.00</u></u>

*Note - Beginning balance provided by J. Selmi; not reconciled

Contesting

by Jim, K6JS

Another CQP is in the log and the Fall/Winter contest season is upon us. REDXA had another fine turnout for the California QSO Party. It's another very close race with our rivals from the gold country. I'd like to thank everyone who participated and submitted their CQP logs for REDXA. We'll know in a couple months if we were able to beat the MLDXCC.

I personally have had all-time best scores in CQP and Sweepstakes CW this season. We have plenty of contests coming up, with the November sweepstakes phone contest next weekend and CQ WW DX CW on weekend of November 23rd. Conditions have been superb lately, speaking of conditions, check out the article reprinted from the ARRL Contest Update.

How Good Was It?

After back-to-back weekends of what has been widely characterized as extraordinary conditions, your editor wanted to know, "So how good was it,

really?" Were the conditions really that good or were we just so delighted to have anything approaching decent propagation that we fell into a bout of irrational exuberance?



Are you ready for more contesting in these good conditions? The WØEEE club at the Missouri Univ. of Science and Technology sure is with their new T-8 log periodic high above the ECE building! (Photo by NØSSC)

This was a good reason to go use Bruce WA7BNM's revamped score reporting website, 3830scores.com. For those of you who haven't checked it out, now would be a great time! It's a major upgrade to the older 3830 score reporting system. You can still report your claimed score but now Bruce has created an online summary system that supersedes the old emailed summaries. (Those are still being emailed out to the various reflectors, such as cq-contest.)

Back to the question, though. How good was it? Well, Tom W2SC reports a claimed QSO total of more than 10,000 QSOs as 8P5A in the CQ WW SSB contest. The last time that was done, N5TJ was tearing up the record book from EA8 and N6KT was operating from HC8 during Cycle 22. You don't make 10k QSOs without excellent, sustained,

worldwide propagation on several bands. Checking things here in the 'States, let's look at the top dozen reported Single-Op, All-Band, High Power scores in - arguably - the most competitive category in radiosport:

Call - Score

N2IC - 7,762,982

KQ2M - 7,748,294

W9RE - 7,689,660

N5DX (@K5GO/N5DX) - 7,641,717

K1ZR - 7,018,615

K3CR (LZ4AX) - 5,751,832

K3ZO - 5,253,800

NR5M - 5,091,228

K5TR - 5,025,942

NX2X - 4,222,575

K6XX - 3,916,052

WC6H (NU6S) - 3,821,540

That list goes: New Mexico, Connecticut, Indiana, Arkansas, New Hampshire, Pennsylvania, Maryland, Texas (twice), New York, and California (twice).

When was the last time you saw a fifth-district call sign atop the SOAB-HP standings? You will be scratching your head for a long time because the answer is "Never!" And there are three 5-land calls along with the others, spread out from sea to shining sea.

Around the world, the SOAB-HP category Top Ten includes entries from all of the continents:

Call - Score

CN2R (W7EJ) - 18,856,075

8P5A (W2SC) - 17,576,504

CR2X (OH6KZP) - 16,641,409

VE2IM (VE3DZ) - 13,998,732

NH2T (N2NL) - 12,747,890

P49Y (AE6Y) - 12,498,384

ZD8O (N5ZO) - 10,705,716

OH8X (OH2UA) - 10,004,386

VE3JM - 9,361,968

RC9O - 8,614,740

Africa, North America, Europe, North America, Oceania, South America, Africa, Europe, North America, and Asia - wow! Truly a worldwide contest!

OK, how about the first weekend of the ARRL Sweepstakes? The good conditions just kept on giving. One of the best indicators is how available were contacts with the far northern and almost mythical in some years Yukon-Northwest Territories. As noted previously, Tree N6TR fired up VY1EI over a remote link and was actually leading the contest for three hours! Tree and Eric's final total was 1288 QSOs and a sweep which is a new Canadian multiop record made with a tribander and wires. This is also the highest score ever from VE8/VY1 where a log with 1000 QSOs is basically unheard of. I have not heard any comments asking (or complaining) "where was Yukon?" this time around.

The big question is whether ol' Sol will continue to beam a beneficial bounty of UV Earth-ward without any solar nasties like flares and CMEs that light up the night sky over places like Whitehorse and Fairbanks and Murmansk and Arcala, shutting down the all-important polar paths and causing contesters to cry in their cups. The 27-day rotation is favorable, the hiccups have been small, and we all have our fingers crossed. Hey, CQ WW CW doesn't even fall on the U.S. Thanksgiving holiday this year! Let's hope for continued good cheer on the HF bands so that when we are retelling the tale to younger hams years from now we can start with, "How good was it? Well, let me tell you..."
73, Ward NØAX

Arecibo Observatory's special anniversary operation.

(<http://www.arrl.org/news/arecibo-observatory-50th-anniversary-special-event-set>)

Just in time for this issue comes word from Angel WP3R of the Arecibo Observatory's special anniversary operation. They will be on the air commemorating the 50th anniversary of Radio Astronomy Science this coming Sunday the 10th of November from 1230 to 2000 UTC. Activity will be on 20 meter phone around 14.250 MHz. All QSL's will be a special certificate (send an SASE). The Arecibo club call sign of KP4AO will be used, transmitting from the Control Room of the telescope! Angel is the observatory's head of telescope operations and manages RFI and the RF spectrum generally.

Tree N6TR notes that it appears Hi-Z Antennas will no longer have any legal issues, having settled their patent issues with DX Engineering according to this online story. This is a good thing as hams have a lot more to gain by resolving issues to mutual satisfaction and making the technology available to everyone. That's how we've moved forward for more than a century.

Sweepstakes

Sweepstakes having a long and busy exchange occasionally means that errors or operating changes occasionally raise questions such as, "What happens if you change categories during the contest?" Or, "What if I mistakenly used the wrong precedence or check?" None of these will result in any penalties - the exchange is just information sent during the QSO. Once you start using an exchange or check, keep using them throughout the contest. This makes the log checking job a lot easier than if you suddenly change the information which would also confuse anybody who tunes you in after a first QSO. In the growing ranks of the remotes, this may be a record-setter. Tom K6CT lives in Solaris, Uruguay near Montevideo but logged in to one of the operating positions at K4VV in Virginia this past weekend for the ARRL CW Sweepstakes. Operating as W4YY for which he is the trustee, he made a clean sweep at a distance of 8,323 km (5,171 miles). Your editor made a QSO with W4YY and had no idea the control operator was far, far away. (Thanks, Mike WØYR)



Halfway through Sweepstakes - are we having fun yet? Don't miss out on downloading (<http://www.arrl.org/sweepstakes>) your certificate and stickers. Print them out at a local print shop and have at it!

By no means the only remotely-operated station in the Sweepstakes, if you worked VY1EI, that was really Tree N6TR at the controls while at home in Oregon. Eric, the station owner, was on-hand as well. Obviously, the remote link did not crimp their operating style with 1288 QSOs and a clean sweep claimed! Just a reminder to all of you remote ops (or those considering it) that you must identify as transmitting at the remote station site and follow all of the rules and regulations there.

Dan K7SS decided to enter the CW Sweepstakes this year as a nostalgia entry, operating as K7JCA (his original call after graduating from KN7JCA Novice status). Not content with just using the call, he decided to go full bore and recreate his original 75 QSOs in the 1959 contest, each made with a J-38 hand key, paper log sheets, 75 watts, and slow high-in-the-band CW. This year those 75 QSOs just took a few hours rather than the whole 24 hours. He did "hear someone send me "QLF" but it turned out to be KA3QLF who wanted a contact!"

WORD TO THE WISE

Off time - be sure you get your off-time right in the Sweepstakes and other contests. To be on the safe side in Sweepstakes, make sure your log includes 30 consecutive "empty" minutes without a QSO. Since the log format does not "know about" seconds, this actually requires you to not log a contact for 1860 consecutive seconds (31 x 60). Note that in Sweepstakes, you may not be listening during off time and that in all contests "adjusting" the times of your logged contacts to satisfy the required duration (a.k.a. rubber-clocking) is definitely not OK and can result in disqualification.

Logs due November 19th for November SS CW.

DX News

by Jim, K6JS

'Tis the season of DX and it seems to be either or feast or famine. There is plenty of sunspots and DX to be worked on the bands. Currently, K9W, 5J0R, T33A, 5H3JJ and a couple of Easter Island dxpeditions are easily worked. Below you'll find an extensive list of operations that might be of interest to

you. Enjoy the chase and have fun...

3DA0ET, Swaziland - 2013 Nov 18 to 2013 Nov 27. QSL Via LOTW. By 12 ops; 160-6m; CW SSB RTTY; QRV for CQWW DX CW; QSL also OK via N7RO + Club Log

3D2 , Fiji - 2013 Nov 29 to 2013 Dec 04. QSL Via Home Call. By YT1AD as 3D2AD, WD5COV as 3D2OV, RZ3FW as 3D2FW; all bands; CW SSB RTTY

5V7TH, Togo - 2013 Nov 18 to 2013 Dec 03. QSL Via ON6DX Direct. By ON6DX; 40 30 20m; SSB CW RTTY; evenings; end date unclear

5X1NH, Uganda - 2013 Sep 24 to 2013 Nov 16. QSL Via G3RWF

9L, SIERRA LEONE. Zbig, SP5BTB, will once again be active as 9L1BTB from Freetown for the UN between October 25th and November 10th. Activity this time will only be 20 and 15 meters using a sloper for 20m and a DL special collinear Delta Loop (ON6WG/F5VIF model) for 15 meters. He did not mention what modes he will use, but he does operate CW, SSB and RTTY. QSL via his home callsign direct.

9N7BM, Nepal - 2013 Nov 08 to 2013 Nov 28. QSL Via JA8BMK - Hex/Spider beam; 600w; will try to work NA on 160 and 80m if verticals can be erected; QSL OK via JARL Buro or direct; holiday style operation

9X0NH, Rwanda - 2013 Nov 19 to 2013 Nov 29. QSL Via LOTW. By G3RWF fm nr Kigali (KI47ts); QRV for CQ WW DX CW

AFRICAN TOUR (Update). Wim, ON6DX (ex-ON4CIT), will once again return to Togo (Grid Square JJ06rf) on November 18th and will be active as 5V7TH.

Activity will be on 40-6 meters, including the 30/17/12 meter bands, using CW, SSB and RTTY. He plans to be on in the evening on 40 and 30 meters. See Web site at:
<http://d Expedition.be/5V7TH.html>

Wim also mentions that he will travel during the day to Benin to collect his TY1 callsign papers which are supposed to be ready. During that same day, he will try to search for a nice QTH in Grand Popo (Benin) for his TY1 DXpedition and move from Togo to Grand Popo, Benin, when everything is sorted out. So, he now expects to be active between November 20th and December 3rd. Activity will also be on 40-6 meters, including the 30/17/12 meter bands, using CW, SSB and RTTY. He plans to be on in the evening on 40 and 30 meters. See Web site at: <http://d Expedition.be/Benin.html> QSL both callsigns via his home callsign, direct (2 USDs/EU and 3 USDs/US), by the Bureau, LoTW (uploaded year later) or by the ClubLog's OQRS.

CE0, Easter Island - 2013 Nov 01 2013 TO Nov 07. QSL VIA EB7DX. By CX4CR CX3AN CX2AM CX3CE CE0HYO EA7FTR EA5HPX; 160-6m; CW SSB + digital; 3 stations

D44TWQ, Cape Verde Island - 2013 Nov 05 to 2013 Nov 12. QSL Via LOTW. By G4IRN from Boa Vista (AF-086, HK86me); WARC bands; CW; dipole; spare time operation; see Web page for full QSL details

E6, Nuie - 2013 Nov 03 to 2013 Nov 09. QSL Via Home Call JF1OCQ. By JA8VE as E6AA, JA1KJW as E6AK, and JA1JQY as E6AY fm OC-040; 80-10m; CW SSB + digital; high power; Spider beam + Hex beam

FH, Mayotte - 2013 Nov 04 2013 to Nov 11. QSL via DK9PY VA3RJ. By DK9PY as FH/DK9PY fm AF-027 (DIFO FH-001, WLOTA 0376); 40-10m, up 12 khz fm bottom, perhaps 160 80m, cx permitting; CW

TO2R, Reunion - 2013 Nov 03 to 2013 Nov 17 QSL Via F5UOW. By F5UOW; 40-10m; mainly CW; QSL OK via REF Buro or direct

FR, Reunion - 2013 Nov 11 2013 to Nov 22 QSL Via DK9PY. By DK9PY as FR/DK9PY fm AF-027 (DIFO FH-001, WLOTA 0376); 40-10m, up 12 khz fm bottom, perhaps 160 80m, cx permitting; CW

HI, DOMINICAN REPUBLIC. Jim, K8MR, will be active as HI/K8MR from Punta Cana between

November 15-25th. He plans to be in the CQWW DX CW Contest (November 23-24th) as a Single-Op/All-Band/QRP entry. Jim informs OPDX that he will be taking his Elecraft KX3 and some wire and will modestly be operating outside the contest [to keep his wife happy]. He states, "Probably whatever operating I do outside the contest will be focused on the WARC bands." QSL via K8MR.

HK0/S, SAN ANDRES ISLAND (Update). Members of the "DX Friends" will activate San Andres Island (NA-033) between November 1-10th. The current list of operators mentioned are Alberto/EA1SA, Toni/EA5RM (Team Leader), Roberto/EA2RY, Manolo/EA7AJR, Jose/EA7KW, Fabrizio/IN3ZNR, Alain/F6ENO, Tony/F8ATS, Faber/HK6F, Bernard/F9IE, Roberto/HK3CW and Valery/RG8K.

Activity will be on 160-6 meters using CW, SSB and RTTY. Suggested frequencies are:

CW - 1824, 3524, 7004, 10104, 14024, 18074, 21024, 24894 and 28024 kHz

SSB - 1845, 3780, 7065/7160, 14195, 18145, 21295, 24945 and 28494 kHz

RTTY - 7035, 10140, 14080, 18100, 21080, 24921 and 28080 kHz

6m - 50105/CW and 50115/SSB

They will have at least 4 stations at the same time on different bands and modes. Equipment is an Elecraft K3 and 3 Icom IC-7000. Antennas are Hexbeams, SpiderBeam, Verticals (160/80/40/30m) and Yagi for 6 meters.

QSL via EA5RM direct (see Web page). You can use the OQRS (see Web page) for direct and Bureau cards. More details should be forthcoming, especially their callsign. Visit their Web page at: <http://www.dxfriends.com/SanAndres2013>

J3, GRENADA. JA operators Takayuki/JA1MZL, Yutaka/JJ1LIB, Nao/JN1RVS, Masayuki/JN3NFQ and Isao/JH1ROJ will be active as J34J between November 20-29th. Their activity will include the CQWW DX CW Contest (November 23-24th). QSL via JA1HGY.

JD1, OGASAWARA (Update). Take, JA1UII, informs OPDX that he will be active as JD1BON

from Chichijima Island (AS-031) between November 1-4th. Activity will be on 80-10 meters with 200 watts using CW, SSB and RTTY. QSL via his home callsign, by the JARL Bureau or direct [see QRZ.com] (w/SASE+2 USDs or 1 IRC).

JD1, OGASAWARA JD1BLC 2013 Nov 07 2013 to Nov 15. QSL Via LotW. By JP1IOF from Chichijima Island (AS-031, WLOTA 2269, JCG #10007); all bands; all modes; QSL also OK via JP1IOF

KH8, American Samoa - 2013 Nov 18 to 2013 Nov 19. QSL Via Home Call. By YT1AD as KH8/N9YU WD5COV as KH8/WD5COV, RZ3FW as KH8/N7AFW; all bands; CW SSB RTTY

PJ2, CURACAO. Andy, W9NJY, will once again be active as PJ2/W9NJY from Curacao (SA-099, WLOTA LH-0942) between November 19-25th. He is actually there as a team member to help put the Caribbean Contesting Consortium's (CCC) Signal Point Station PJ2T on the air for the CQWW DX CW Contest (November 23-24th). His activity outside of the contest will be mainly on CW on 160-10 meters. QSL PJ2/W9NJY via WD9DZV or LoTW. QSL PJ2T via LoTW or W3HMK.

PJ6, Saba & St Eustatius - 2013 Nov 07 2013 to Nov 17. QSL Via LOTW. By N7QT as PJ6/N7QT and W4VAB as PJ6/W4VAB from Saba I; 80-10m; CW SSB RTTY PSK JT64; QSL also OK via Buro or direct (w/ SASE + IRC) or eQSL

PJ7, SINT MAARTEN (Reminder). Philip, WA1ZAM, will be active as PJ7PL, a week before the CQWW DX SSB Contest (October 26-27th) and a week after. He will be a Single-Op entry during the contest. Outside of the contest, he will try some RTTY. QSL WA1ZAM.

PJ7, ST. MAARTEN (Update). Operators Dennis/K2SX, Les/W2LK and Andy/K2LE will be active as homecall/PJ7 from Dawn Beach on the eastern side of St. Maarten (NA-105, WLOTA 0711) between November 19-26th. QSLs should go to their home calligns. Activity will include this year's CQWW DX CW Contest (November 23-24th) using the special callsign PJ7W. QSLs for the contest operation should go to W2LK.

S21, Bangladesh - 2013 Nov 19 to 2013 to Nov 29.
QSL Via IK2VUC - By 20+ member international team as S21ZBC and S21ZBB; 160-6m; SSB CW RTTY; QRV for CQWW DX CW. QSL to IK2VUC

S79WDX, Seychelles 2- 013 Nov12 to 2013 Nov 23. QSL Via LOTW. By I0WDX from La Digue; 160-6m; QSL also OK via I0WDX direct

T30, WEST KIRIBATI (Update). Operators Ted/JF1CCH and Kazu/JA1FUF will be active as T30TS and T30NK from West Kiribati between November 28th and December 4th. Activity will be on the HF bands (all mostly 40-10m) and possibly 6m, using CW, SSB, RTTY and PSK. Ted will operate mainly on CW and SSB, while Kazu will operate mainly RTTY and PSK. They will use 100 watts into a dipole. QSL via their home callsign, direct, by the Bureau and eQSL. NO LoTW.

T33A, Banaba Island - 2013 Nov05 2013 to Nov18; 160-10m; CW SSB RTTY; QSL OQRS AND also OK via W2IJ

TY1, Benin 2013 Nov20 2013 to Dec03 ON6DX QSL Direct ON6DX; 40-6m; SSB CW RTTY

V6, Micronesia - 2013 Nov 22 to 2013 Nov 30. QSL via Home Call JA7HMZ. By JA7HMZ as V63DX and JA7ZF as V63ZF from Pohnpei; will include CQWW DX CW operation.

V25A, Antigua - 2013 Nov21 2013 Dec01 QSL Via KG2A Direct JJ1RJR. By JJ1RJR from NA-100; 160-10m; CW SSB

VP2V, BRITISH VIRGIN ISLANDS. Art, N3DXX, will once again be active as VP2V/homecall from Virgin Gorda (Tortola) between November 19-29th. Activity will include the CQWW DX CW Contest (November 23-24th) as a Single-Op/All-Band entry. QSL via NR6M.

VP8, FALKLAND ISLANDS. Peter, M1AYI, is expected to be active as VP8DNY from the Falkland Islands between October 20th and November 19th. Activity will be on the HF bands using SSB. QSL via his home callsign by the RSGB Bureau.

VP8, FALKLAND ISLANDS. Mick, G1EUZ (ZD8RAF), will once again be active as VP8BTU from the Falkland Islands between November 25th and May 25th, 2014. Activity will be on the HF bands. QSL via his home callsign. Cards will not be sent out until he returns home. Also, log will be uploaded to LoTW on his return home.

W8A, American Samoa - 2013 Nov 12 to 2013 Nov 24. QSL Via LOTW. By ZL3CW ZL1GO JH3PRR, perhaps others from Tutuila Island (OC-045, USI AS007S, WLOTA 4385); 160-10m; mainly CW; QRV for CQWW DX CW using N8A; QSL also OK via ZL3CW direct

XR0, JUAN FERNANDEZ ISLAND (Press Release - XR0ZR Countdown). The following was sent out on October 8th [edited]: "There are now less than 30 days to our departure. The Team will start from Italy, of the 6th of November, and we plan to be active on the late evening of November 8th (GMT).

We will leave from Santiago, aboard two twin-engine Cessna and after about two hours, of adventurous flight, we land on the Juan Fernandez airport. Arrived on island, we reach our location, in about two hours, aboard two boats, as there are no road links. In all, if the weather conditions will be tolerant, and it will allow us to meet our destination.

Compatibly to the location, we believe to be able to install 3 beams looking on the sea, two loops, one for 30 and one for 40 meters, other than the usual vertical for 80 and inverted L for 160. Will also be installing a beverage of about 200 meters on the beach facing the sea.

We should have sporadic access to the Internet, and then try to send the logs to ClubLog, once a day. If for any reason this is not possible, do not panic, know that we will do so as soon as possible, and in any case the logs will be saved in 3 backup copies.

As always, we ask you not to make dupes QSOs, in order to give the opportunity for everyone to contact us in various bands and modes.

You can follow XR0ZR Team on the following media links at:

Website: <http://www.juanfernandez2013.com>

FaceBook: <https://www.facebook.com/groups/xr0zr/>

Twitter: @xr0zr

XT2/XT26, BURKINA FASO. Operators David/OK6DJ and Petr/OK1FCJ will be active as XT26DJ and XT2FCJ between November 17-26th. Activity will be on 160-10 meters including the 30/17/12 meters using CW and SSB.

They also will be in the CQWW DX CW Contest (November 23-24th) as XT2FCJ.

Their set up will be Elecraft K3 and Kenwood TS-480 into a Spiderbeam antenna (20/15/10m - including the WARC), a vertical (40-10m), 80m dipole and LW for 160m. QSL via OK6DJ for both callsign. QSL methods are: the ClubLog OQRS (for LoTW - confirmed every day), direct (minimum 2 USDs or new IRC (accepted IRC that expire in 2017; QSO confirmed to LoTW every day), OQRS by the Bureau, LoTW and eQSL (confirmed 6 months) and paper QSL via the Bureau (confirmed 12 months).

XV2, VIETNAM. Toshitaka, JA3NHL, will once again be active as XV2NHL from Ho Chi Minh City between November 2-8th. Activity will be on 160-6 meters using CW, SSB and RTTY. QSL via JA3NHL.

XV2CNH, Vietnam - 2013 Nov 01 2013 to Nov 09. QSL Via JA6CNH. By JA6CNH from Ho Chi Minh City; 160-6m; CW SSB + digital.

T30, West Kiribati - 2013 Nov 28 to 2013 Dec 04. QSL Via Home Call JF1CCH. By JF1CCH as T30TS and JA1FUF as T30NK; 40-10m; CW SSB RTTY PSK; 100w; dipole; QSL OK via JARL Buro or direct

YJ0ZS Vanuatu 160-6m; CW SSB RTTY; QSL OK via JARL Buro or direct

ZD8W, Ascension Island - 2013 Nov19 2013 Nov21 W6NV - HF + 6m; QRV for CQWW DX CW w/ 2 other ops. NCCC member W6NV, Oliver will once again make his trip to ZD8 land for the CQWW DX CW contest.

Thanks to ADXB=ARRL DX Bulletin DXMB=DX News Letter OPDX=Ohio/Penn DX Bulletin 425DX=425 DX News and LNDX=Les Nouvelles DX

REDXA Calendar of Upcoming Events:

by Doug, WW6D

Nov 13	* REDXA Monthly Meeting
Nov 16-18	ARRL Sweepstakes Phone
Nov 23-24	CQ WorldWide CW
Dec 6-8	ARRL 160 meter Contest
Dec 11	* REDXA Monthly Meeting
Dec 14-15	ARRL 10 meter Contest
Dec 28-29	Stew Perry Topband Challenge
Jan 1	Straight Key Night
Jan 8	* REDXA Monthly Meeting
Jan 11-12	North American QSO Party CW
Jan 17-19	ARRL VHF Contest
Jan 18-19	North American QSO Party SSB
Jan 24-26	CQ 160m Contest CW
Feb 12	* REDXA Monthly Meeting
Feb 15-16	ARRL Intl. DX Contest CW
Feb 21-23	CQ 160m Contest SSB
Feb 22-23	North American QSO Party RTTY

Refer to <http://www.hornucopia.com/contestcal/> for more contest information.

Six Meter Report

By Bob, K6QXY

Edited by Jim, K6JS

The magic band seems to be awakening with a little activity in October and first part of November. Bob has seen quite a few days of ZL video, there are only two ZL video stations left now, one at 45.240 and the other at 45.260. These stations will go QRT on December 1st, 2013 Bob states it will be very hard from then on to predict the MUF on the ZL/VK path.

Here is a list of stations I've worked this past month.

10/8 weak FK8CP @ 0435Z

10/12 FK8CP @ 0159Z very strong 599 on CW 5X9 on SSB

10/18 ZL1RS @ 0004Z FK8CP @ 0126Z

10/18 ZL1RS @ 2307Z 599 ZL1RS @ 0014 5X9 on SSB.

10/19 FK8CP @ 0148Z weak

10/19 VK4MA @ 0248Z First VK this TEFE SEASON

10/25 ZL1RS @ 2357Z 599 & ZL1RS @ 0037Z on SSB

10/26 ZL3NW & FK8CP hrd ~ 0134Z weak

This is not F2 propagation, but a Transequatorial E to F to E path or better known as TEFE. Bob, K6QXY has done a REDXA club presentation on this propagation in the past. This form of propagation was discovered approximately 5 years ago by Dr. Jim Kennedy K6MIO/KH6 and Bob, K6QXY. Bob and Jim are now pretty sure of the mechanics of this path.

These conditions should continue through November, December, and into January of next year. As Bob mentioned earlier, when we lose ZL video on December 1st, 2013 these openings are going to be very hard to detect.

ARRL Propagation de K7RA

Solar activity eased off over the past week, with average daily sunspot numbers declining nearly 30 points from 161.6 to 131.7, and average daily solar flux down over 12 points from 158.3 to 146.

Geomagnetic indicators were quiet. Still, activity remains strong.

The last three days of the reporting week (November 4-6) had increasingly stronger sunspot numbers, all higher than the week's average. The same is true for solar flux values, each of the past few days with numbers higher than the average for the week.

Recently we noted a near-term peak in solar flux at 155 predicted for November 22-25, but now that peak has moved, and values predicted for those dates are 135-140.

A new short term peak is predicted for the next few days, at 150 on November 8, 155 on November 9, 160 on November 10, 155 on November 11-12, 150 on November 13, 140 on November 14-15, 135 on November 16, 130 on November 17-20, 135 on November 21-22, 140 on November 23-28, 145 on November 29 through December 1, 140 on December 2, and 135 on December 3-6.

Predicted planetary A index is 8 on November 8, 5 on November 9-10, 10 on November 11, 12 on November 12, 8 on November 13, 5 on November 14 through December 2, 8 on December 3-4, 5 on December 5-6 and then 8, 10, 8 and 8 on December 7-10.

Thanks to the ARRL and K7RA for the ARLP045 Propagation de K7RA

•S.W.R. -- A term, applied to any part of the antenna system, which means: "Savings-to-Watt Ratio".

Based on the inverse relationship of dollars in the bank and effective radiated power.

•Characteristic Impedance The usual reaction of your spouse when told about the proposed antenna system.

•Traps -- Devices installed in antennas to collect rain-water, to keep it from running further down the antenna.

•Wind Loading -- The measure of how much more awkward it gets to handle a big beam as you ascend the tower.

•Balun -- (Pronounced: "balloon" by many). An anti-surveillance device, installed in coaxial lines at the antenna, to prevent nosy neighbors from eavesdropping on you through their TV sets.

•Transmatch -- A device mistakenly believed to decrease S.W.R.. The premise is that this device allows you to load up into a mis-matched antenna. Unfortunately, it the cost of one that lowers your S.W.R.

•House Bracket -- A device which secures the house and the tower together. It lets the tower do double-duty by holding up the house during severe windstorms.

•Rotator Control Box -- A device which is designed to let you monitor antenna "windmilling".

•Windmilling -- A technique whereby prevailing winds are allowed to rotate the antenna, enabling the operator to "scan" the radio horizon.

•Dummy Load -- A measure of the stress exerted on a tower by a ham who climbs the tower without a safety belt.

•Coax -- (Usually mis-pronounced as two syllables). A term applied to the maneuvering of a piece of transmission line through the attic or walls of a house.

•Db's Gain -- A bunch of yellow-jacketed wasps found a great place to build their nest, at the bottom of the rotator housing on my tower.

•Db's Loss -- Fortunately, lightning struck the tower and the wasps were totally destroyed.

•Vertical -- A much-maligned antenna, said by some critics to "radiate equally poorly in all directions".

This is not true, as many who have built one know. In fact, the vertical can have directional characteristics, and not radiate at all in some directions. I hope this clears up that myth once and for all!

•Sloper -- A variation of the vertical, where high winds have affected thin-walled aluminum tubing used in the construction.

•Inverted Vee -- A clever, but inferior, reverse adaptation of the true, "upright Vee", which allows the use of a single support instead of the usual two.

•Dipole -- Another modification of the true "Vee", and used where it is not possible to get the center feed point close to the ground.

•Ground Plane -- Usually, an array of 1/4-wavelength arms extending from the base of some verticals (or "slopers"). These arms are not recommended unless a rotator is also used, to take advantage of their directional features.

•Directional Coupler -- A device inserted into the transmission line which monitors the environment outside the shack, by utilizing the antenna as a remote sensor. For example, when the antenna responds to weather conditions such as severe icing or heavy winds, the coupler will produce indications of these responses. A special directional coupler has even been designed, presumably, to tell you when BIRDS are sitting on your antenna!

•Smith Chart -- An alias, to be used when you don't want people to know what chart you really used to design your antenna.

•Long Path -- The direction you are told to aim your antenna, to work a rare DX station, as suggested by the other fellows in the pileup.

•Element Spacing -- A critical antenna design factor which is optimized to place the tunable traps on a beam as far out of reach as possible, from the tower.

•Diversity Effect -- A property in which the quad-type antenna far excels over the yagi-type antenna. It relates to the number of directions an antenna can collapse into, under heavy winds.

•Selective Fading -- A quirk of propagation, whereby a signal arrives at a distant point by multipath, and where the different signal components arrive with varying phase relationships. This causes the signal to be "cancelled out" at some points. This wonderful effect helps eliminate some of the QRM from distant DX stations when you

are trying to copy the pileup.

•Off the back of the Antenna" -- A technique used by more experienced DX-ers, where the antenna is pointed away from the station being contacted. This creates a challenge similar to running QRP.

•QRP -- Restricting final input power to the transmitter to anything less than 500 watts, on 20 meters.

•Speech Processor -- A "state of the art" device which permits one to communicate with as many others at the same time as possible. However, beginner operators need to learn how to use one properly, to expand the signal beyond a narrow, 3 KHz bandwidth.

•MOKINCALLBK" -- An expression used in a CW QSO, to say: "you send me your QSL card first, turkey, and then I'll send you mine".

•IRC -- An economic instrument, administered by the Postal Service, to control the balance-of-trade deficit.

•Parasitic Element -- A person who takes lists for DX-stations.

•LISTS -- A method of making DX contacts, where some self-appointed person takes a list "on the air" (aka: his buddies on 2-meters) of people who wish to "work" a person in some DX location. This makes it easy for hams who do not have the patience or time to learn real DX skills to get a quick, easy contact. In fact, if you can't hear the actual report from the foreign station, the list-controller will often help ("...OK, there, WB6xxx, did you hear Jose give you a '59' signal report?").

•QSL Manager -- The station you worked in Juan De Nova tells you to send a "Green Stamp" to a ham in Germany who is called a "QSL Manager". It is his duty to send your card to a ham in California, who then (after holding it for 8 months) sends you a QSL card.



November 2013



Conducted by K6JS



REDXA Honor Roll

WARC BANDS

30M		17M		12M	
W6XA	326	W6XA	335	W6XA	327
K6RIM	319	K6RIM	329	K6RIM	294
N6OJ	233	N6OJ	322	N6OJ	250
KC6AWX	238	KC6AWX	303	KC6AWX	250
K6ANP	169	W6SFK	231	W6SFK	149
N6IE	165	N7PIB	167	N6IE	134
K6SRZ	154	N6IE	165	N7PIB	120
W6SFK	153	K6ANP	162	K6SRZ	106
AG6V	3	K6SRZ	143	K6ANP	72
N6GY	3	K6JS	27	N6GY	47

W6SFK adds 8 new ones.

W6SFK adds 5 new ones

W6SFK adds 6 more

ARRL DX Challenge

W6XA	2985
K6RIM	2530
KC6AWX	2148
K6ANP	2131
N6OJ	1805
K6SRZ	1770
W6SFK	1328
N6IE	1256
N7PIB	1123

W6SFK passes N6IE

160 Meters

W6XA	224
W6OSP	178
K6ANP	158
K6SRZ	150
K6RIM	55
N6OJ	59
N6IE	37
KC6AWX	27
N7PIB	15
W6SFK	6

W6OSP adds a new one

1.5K Club

W6XA	1689
K6RIM	1588
KC6AWX	1405
K6ANP	1371
N6OJ	1367
K6SRZ	1124
N6IE	1043
W6SFK	802
N6GY	148

W6SFK moving up

Rules for REDXA Honor Roll Listings.
Provide me with your total JOTAs worked, or countries (including deleted) worked for: WARC Bands, 160 Meters, Digital modes, Mobile, 6 Meters or your total for 80,40,20, 15 and 10 for 1.5K Club. Countries do not count until HQ Awards Committee takes action and announces a start date for a new country.



Six Meter DXCC

K6QXY	173
W6XA	130
K6RIM	14
KC6AWX	14
K6ANP	6
W6SFK	2

K6QXY adds 2 new ones, AWX moving up



RTTY/Digital

N6OJ	302
KC6AWX	296
K6RIM	253
W6SFK	189
N6IE	185
W6XA	162
K6SRZ	140
K6ANP	123

W6SFK moving up

Send your REDXA Honor Roll updates to:

Jselmi@hotmail.com

Updated 11-09-13

Mobile DX



N7PIB	121
K6JS	108
W6SFK	3

DXCC Mixed

K6RIM	366
N6OJ	360
W6OSP	353
W6XA	352
KC6AWX	348
K6SRZ	346
W6SFK	282

W6SFK works 2 new ones!!!

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MEETING: NOVEMBER 13, 2013

