

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, July 10, 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 videos of the Rockall Island DXpedition MM0RAI/p (IOTA EU-189) plus 6O0CW Somalia 2012.

REDXA President's Report

The joint REDXA and Marin Amateur Radio Societies Field Day held on the San Francisco Bay shore at the Marin Rod and Gun Club was another big success this year. The entire weekend once again ran like a well-oiled machine. I've been checking the 3830 Filed Day summaries and we are first in 2A by 1200 points. Although, not everybody submits their scores to 3830 (I submitted W6KB's), this is another stellar effort from the clubs'.

A big thank you goes out to this year's organizing team. Things would not have run so smoothly without the expertise of both clubs and the willingness for all the members to step up and get the job done. Jim KE6UAR continues to leverage his superb project management skills, which keeps us all on schedule.

A few additional thank you's are in order:
To Fred for the storage of our antennae.



To Marilyn for providing the Friday lunch and Rich for his efforts and coordination with MARS and the Marin Rod and Gun Club. To John Tag for his annual muscle work placing the towers and antennas.

The GOTA station was a huge success this year. My daughter, Devin had a great time running stations with me doing the logging. She had a rate of 77/hr at the peak of the rate-o-meter, with both of us having grins from ear to ear. Another newly licensed ham Tony ran Q's for hours and was having a great time for his first time on the radio. Josh and friend (and a little Zin) ran the GOTA station through the night.

The new M2 40M beam worked like a champ, allowing us elbow room on 40M SSB. It played very well and you knew you were loud on the other end. The assembly/disassembly, along with getting it on and off the tower was accomplished without any issues.

This month we will be watching one, maybe two videos (time allowing). We have obtained a couple videos from the NCDXF video library. The Rockall IOTA DXpedition in which operators had to use rock climbing gear from jet skis to activate this tiny rock in the treacherous seas off Scotland and the 600CW Somalia DXpedition from an Italian group. Daniel from the Boulevard Grill has promised a new 80" flat screen for our enjoyment. I've been in contact with numerous folks for future REDXA presentations. We have a solid lineup through the first month or two of 2014.

I'm on vacation for 3 weeks in Lake Tahoe, Ron, N6IE will be filling in for me. It also appears I'll be missing the NCCC, REDXA, MLDXCC joint meeting on August 10th as I have a graduation party to attend. There's a chance I can make the beginning of the joint meeting.

If you feel like ragchewing, I usually try to have a sked with W6FQS and others on 3988 at 9pm local time. Usually Wednesday and Sunday, but we're trying nightly while I'm on vacation.

73, Jim K6JS

BOARD OF DIRECTORS MEETING JUNE 2013

by Rick, N6GY

NO MEETING WAS HELD AS A QUORUM
DIDN'T EXIST

JUNE MEETING MINUTES

by Rick, N6GY

President Jim K6JS called the meeting to order at 7:50 pm, June 12, 2013 at the Boulevard Cafe in Petaluma. There were 26 members and 3 guests in attendance.

A motion was entertained to accept the minutes of the April meeting and the Treasurer's report as published in the last "Sunspots". Motion was made, seconded, and passed.

Guests introduced were Mike KF7PS and Wayne WA6LSS.

Jim started out the meeting talking about Field Day with the MARC club. He was asked about dinner on Saturday June 22nd at the Field Day site. Jim said it would probably be pizza, as the two groups that have catered or cooked the meals in the past were not available. Someone suggested Jim contact Jim Lee and see if he would be able to cook hamburgers or hot dogs and chili. Jim said he would try.

Jim KE6UAR then spoke about Field Day. He said the Marin Club would be fielding a GOTA Station, and anyone eligible should come to operate it. He also wanted anyone with solar panels to bring them so we could get credit for operating a radio from solar. He is also looking for any Emergency Services Employee to be a guest and drop in for a visit so the Club could get more points. He said setup would begin at around 9am on Friday, with Field Day on the air officially starting at 11am Saturday.

The newly purchased 40 meter antenna was going to be put together at Alan K6SRZ's residence this Monday at 10am. All are welcome. Our installation at Field Day would consist of three 55' towers, as it did last year.

Jim K6JS then introduced Bill KH6GJV, the ARRL Section Manager who spoke about an incident that happened recently. Without going into detail, he said he had spoken to ARRL HQ personnel, and that they had decided to use the incident as an educational opportunity.

They advised the offenders as to the required parameters for an "emergency".

To summarize, per Part 97, some parts of the code may be temporarily suspended under the following circumstances:

1. Where there is an IMMEDIATE threat to Human Life or Property.
AND
2. No other communication means are available.
AND
3. This must not occur on a routine or regular basis."

Chuck N6OJ was then introduced and spoke about the availability of operating HF from a remote station. According to the ARRL, if you work a DX station in one Country, that is remotely operated from yet another Country, it does not count as DX FOR YOU. If the station worked is remotely being worked WITHIN their SAME country, it counts for you.

The 50-50 raffle was held and Jim KE6UAR won \$74, with the Club gaining \$74 as well.

The presentation was given by John K6MM who gave an overview of CLUBLOG, and what it could do for it's users, as well as the individual clubs, and the DX community at large.

He finished up with a slide show of pictures from the Dayton Convention featuring the Flea Market, the Forums, the People, and the Exhibitors.

Monthly San Francisco Section News Summary

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

Treasurer Report

by Jim, K6JS

REDXA TREASURER'S REPORT

5/31/13 Balance Forward		\$3,012.03
INCOME		
Raffle	74.00	
Steppir Collection	<u>200.00</u>	
TOTAL INCOME		274.00
EXPENSES		
FD lunch/supplies	83.54	
Meal	26.00	
MR&GC	<u>300.00</u>	
TOTAL EXPENSES		(409.54)
6/30/13 Ending Balance		<u><u>\$2,876.49</u></u>

Contesting

by Jim, K6JS

Would you like to try a little RTTY contesting without committing to a whole weekend? Dean NW2K notes that the weekly 30-minute NCCC RTTY Sprint on Thursday evenings (in North America) is perfect for all RTTY contesters to try new hardware and software as well as to hone their skills. Specific information is posted weekly on the RTTY List. Sprint rules are located on the NCCC website.

If you are a new ham or know one, perhaps you should point them at the Icom America Amateur Tool Kit, consisting of several downloadable maps and a ham jargon dictionary.

Web Site of the Week - Are there any experienced Field Day participants who haven't considered using a kite-supported antenna? Richard G3CWI of SOTA beams has the bug, too. "Flying antennas using kites is great fun. It's the kind of activity that all the family can enjoy. I have been doing it off and on for over 30 years. To get others started I have put together a page of tips and links for anyone that might be interested in having a go."

RESULTS AND RECORDS

The Oceania DX (OCDX) contest committee announces that the results of the 2012 OCDX

contest are now available. They were pleased to see a substantial increase in the number of phone logs from Australian and Indonesian stations. This additional activity from Oceania stations is encouraging for attracting more participation from stations outside Oceania. This year, a number of new records were set as well. The 2013 OCDX contest will be held on the first two full weekends of October - 5/6 October for Phone and 12/13 October for CW. (Thanks to the OCDX Committee - VK3MI/ZL1AZE, VK3TZ, ZL3GA, VK7GN, VK2HN, VK4TS, and VK6DXI)

Results of the February 2013 CQ WPX RTTY Contest have been posted. (Thanks, Daily DX) Thanks to the efforts of John N2NC, the CQ WW online score database now goes back to 2003. (Thanks, Randy K5ZD, CQ WW Director)

Here's a handy tip from Make Magazine reader Bradd Libby, "Wet your soldering sponge with tea. It's slightly acidic and will give the soldering iron a wonderfully clean tip." I wonder if Bradd hails from the U.K.? Online, there is a whole page of tips for your enjoyment, as well. Sibling website, Instructables, features this interesting cord attachment gadget, and a guide to repairing LCD monitors, too.

Mike VE3GFN went out with the Oakville, Ontario club, VE3HB, and learned a few new things, such as how to get antennas into trees. "One of their members has a huge model helicopter and flew our antenna lines up over 100-foot trees, so we had great elevation for our dipoles and such. Sure put my slingshot to shame!" See VA3MW's QRZ.com web page and you can see the helicopter in question, in the air, showing a trailing line, and the weight he uses, complete with red ribbon for visibility.

Thanks to the ARRL's Contest Update Newsletter.

DX News

by Jim, K6JS

60M ANNIVERSARY (Can You Believe It?). It was brought to our attention by the "60m News" that July 4th, is the 10th anniversary of 60 meters

becoming available to U.S amateurs. {ed. Boy does time fly!}

SRI LANKA, 4S7. John, NZ9Z is active as 4S7NZG until July 7. Listen for him around 1200-1800z, typically from 1200-1400z on 15 meters and 1700-1800z on 20 meters. QSL via NZ9Z.

ISRAEL, 4X. Members of the Israel Amateur Radio Club (IARC) will activate 4X19MG in honor of the 19th Maccabiah Games from July 18 to 30. QSL via 4Z1TL.

CYPRUS, 5B. Tony, RT9T will be QRV as 5B4ALB from July 6 to 16. Activity will be on all bands and modes. QSL via RT9T direct only. Tony will also participate in the IARU HF Championships as a member of the P3N team.

6V, SENEGAL (Reminder). Vladimir "Vlad", RK4FF, will once again be active as 6V7S from Le Calao in Ngaparou between July 10-16th. Activity will probably be on 80/40/20/15/10 meters using CW, SSB and RTTY. He is scheduled to be here one more time this year: October 22nd-November 27th. QSL via RK4FF. Log is available on ClubLog. Check out QRZ.com for some pictures.

AT20, INDIA (Special Event). Arasu, VU2UR, will be active as AT20RRC from Bangalore during the month of July. Activity is to celebrate 20th anniversary of the Russian Robinson Club (RRC). Operations will be on the HF bands. QSL "ONLY" via eQSL (NOT via VU2UR).

CE0X, SAN FELIX (Update). Mike, WU2D, informed OPDX this past week: "If I actually get permission and time, I will attempt to activate CE0X/WU2D. I likely will start calling then filter by districts and zones and will be on 14.185 or 190 TX and listening up 5 to start. I also want to try CW on 30M since Chile just opened that up and it will be a first for San Felix. Realistically, I cannot see that I will be operational until Wed-Thursday the July 12-13th.... 73's Mike"

CR2, AZORES (LH Op!). Operators Leonel/CU3EJ, Antonio/CU8AS, Sigggi/DL2HYH, Willy/HB9AHL and Hermann/HB9CRV/CT3FN

will activate the lighthouse for the first time on Formigas Island (EU-003, WLOTA LH-4293, ARLHS AZO-001 and WWFF/DPRN CTFF-039) as CR2F between July 30-31st. QSL via HB9CRV, direct, by the Bureau or LoTW. For updates, watch: <http://www.to-mk.com/ct3fn>

D2, ANGOLA. João, CT2HPM, is now active as D2CT from Luanda until July 26th. Activity will be 20-10 meters using mostly PSK31 and RTTY. QSL via his home callsign.

EI, IRELAND. Olivier, ON4EI, will once again be active as EI8GQB and EI1A between July 7-31st. He plans to operate from his caravan using green energy. Olivier will activate the EI1A callsign during:

- The IARU HF Worldchampionship Contest July 13-14th
- The CQ WW VHF Contest July 20-21st (on 50 MHz only)
- The RSGB IOTA Contest July 27-28th.

His objective is to enjoy radio, run the contest with green energy only and score among the "TOP 10" world stations in the SOABLP category. You can follow his activities and antenna experimentation on: <http://www.qrz.com/db/EI8GQB>

This is a very interesting QRZ.com page. There you will find a live information banner with on air frequencies and information. His equipment will consist of:

18m top loaded vertical monopole for 160-80m-40m bands + 32 radials.

3 elements East-West directional inverted V beam for 40m band.

200m long beverage RX antenna East-West directional.

2 Spiderbeam antennas for 20/15/10m bands.

Rigs are Elecraft K3+P3 & Kenwood TS2000 100W.

500Ah battery bank + 180W solar panel and 400W wind generator.

Also, live video streaming will be provided on:

<http://www.ustream.tv/channel/ei8gqb>

QSL via PA3249, direct or by the Bureau.

ET, ETHIOPIA. Ken, K4ZW, will once again be back in Addis Ababa between July 12-19th. He plans to operate from ET3AA, the Ethiopian Amateur Radio Society (EARS) club station. He men-

tions to OPDX that most of his time will be spent on CW, but is going to try and be active on RTTY as well. Ken also states to look for ET3AA HQ station during the IARU HF World Championship (July 13-14th). QSLs go to N2OO. In fact, Bob is handling QSLs now for ET3AA, but he doesn't have all of the logs. There is a chart on the ET3AA QRZ.com Web page that lists the logs he does have.

FO/A & FO/M, AUSTRAL AND MARQUESAS ISLANDS. By the time you read this, Vadym, UT6UD (ex-A35UD and S21XV), will be active as FO/UT6UD from the Hiva Oa Island (OC-027), Marquesas Island, until 1500z, July 13th. He will then move onto Rurutu Island (OC-050), Austral Island. Vadym plans to be there between 0400z, July 15th and 1600z, July 22nd. Activity will be on 40-10 meters using CW, SSB and RTTY. His equipment is a TS-590 and verticals. QSL via UT6UD, direct or by the Bureau.

FS, ST. MARTIN (Reminder). Operators YL Kjerstin/AF6KJ and Travis/AF6WU will be finishing up their activity as PJ7/homecall from Sint Maarten (NA-105, WLOTA 0711) on July 9th, and then move onto St. Martin (NA-105, WLOTA 0383) to be active as FS/homecall between July 10-14th. Activity will be on multi-bands and multi-modes on HF according to the best available propagation. QSL both callsigns via AF6WU, direct or by the Bureau. Also eQSL, LoTW and Clublog. For direct QSLs, U.S. stations send 1 US stamp, 33 cents does it. DX stations send 1 USD or 1 IRC. Don't send him a standard envelope, the card is large, 4" x 5.25", and it won't fit.

ST PIERRE AND MIQUELON, FP. Eric, FP/KV1J will be QRV from July 6 to 16, using mostly SSB and RTTY with some CW and PSK31, on 160 to 10 meters. QSL direct or via bureau to his home call, LoTW or eQSL.

HAITI, HH. Tom, HH5/KC0W will be active from the northern tip of Haiti from July 6 to 25, using CW only, on 160 to 6 meters. QSL direct only via KC0W.

I18, ITALY (LH Op!). Members of the Calabria DX Team and ARI Villa S. Giovanni will be active as I18LH on July 13th, from the Punta Peaao

Lighthouse (WAIL CL-007, ARLHS ITA-139). QSL via the Bureau to HB9FHZ (USKA Bureau). QSL via IK8YFU direct. E-QSL Authenticity is guaranteed. Also LoTW. For more info, see: <http://www.calabriadxteam.it>

FERNANDO DE NORONHA, PY0F. Leo, PP1CZ will be QRV from July 25 to 30. He will be active as PY0F/PP1CZ and taking part in the RSGB IOTA Contest. Before and after the contest Leo will be on the newer bands, mostly CW and RTTY with some SSB.

OX, GREENLAND. Operators Pat/N2IEN, Ray/W2RE and Lee/WW2DX will be active as OX/homecall from Narsarsuaq between July 11-15th. Activity will be on 40-6 meters using CW and SSB. They plan to use verticals. QSL via their home callsigns. Also, look for them to participate in the IARU HF World Championships (July 13-14th) as OX2DX. QSL via LoTW.

OY, FAROE ISLAND (Update). Ulf, DL3UB, will be active as OY/DL3UB from the Faroe Islands between July 29th and August 9th. Activity will be holiday style on 40-10 meters on CW, but with a focus on the 30/17/12 meter bands. QSL via this home callsign, direct or by the Bureau.

SW9, CRETE. Gordon, MM0GOR, will be active as SW9GG from Crete Island (EU-015) between July 23-30th. Activity will include the RSGB IOTA Contest (July 27-28th). QSL via his home callsign to the RSGB Bureau.

VP2E, ANGUILLA. Don, W5SQQ, will be active as VP2EAF from Meads Bay, Anguilla (NA-022), between July 8-16th. He states that this is a fixed operation from the hotel room and portable from the beach using a buddipole. Log will be uploaded to LoTW when he returns home. QSL via his home callsign W5SQQ.

Z80, SOUTH SUDAN. Operators Massimo/Z81B and Diya/Z81D will be using the special callsign Z80ID for one day on July 9th, to celebrate South Sudan's "Independence Day". Activity will be on all HF bands, depending on open propagation, using SSB. QSL via OM3JW.

Thanks to KB8NW and the OPDX/BARF80 newsletter and the ARRL DX newsletter.

REDXA Calendar of Upcoming Events:

by Doug, WW6D

Jul 10	* REDXA Monthly Meeting
Jul 13-14	IARU HF World Championship
Aug 3-4	North American QSO Party CW
Aug 10	* REDXA Monthly Meeting
Aug 17-18	North American QSO Party SSB
Aug 24-25	Hawaii QSO Party
Sep 11	* REDXA Monthly Meeting
Sep 14-16	ARRL Sept VHF
Oct 5-6	California QSO Party
Oct 26-27	CQ WW SSB

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

REDXA, NCCC and MLDXCC Joint Meeting announcement for August

The NCCC, MLDXCC and REDXA will have a joint meeting on August 10 from Noon to 3PM at the Rockville Grill, 4163 Suisun Valley Rd Fairfield, CA 94534. We will have another CW pileup competition and a presentation to be announced.

The buffet will be very similar to last year's menu with a selection of Beef Lasagna, Chicken Alfredo, and some vegetarian entrees for those who order vegetarian. The meal includes rolls, butter, salad, vegetables, dessert, and coffee, iced tea, or soft drinks. The price appears to be \$25, which includes tax and tip.

There will not be a regular August REDXA meeting at the Boulevard Grill.

The Six Meter Report

by Bob, K6QXY

Edited by Jim, K6JS

Bob had a great month on six. He reports working or hearing a number of stations from his hilltop location.

6/1 JE1BMJ @ 2340 Z was heard only and on 6/2 via sporadic E he worked a number of Caribbean stations: Co2QU, CO8DM, 6Y5WJ, 9Y4VU, ZF1EJ, YV1DIG.. On 6/3 he worked XE1JS @ 1633Z and on 6/6 KH6HI/B @ 1918Z and KH6HI@ 0322Z Also on 6/6 he was able to establish contact to KH6 KH6HME/B,s in 432.310 & 1296.250 strong at times via Trans Pacific Tropo Duct.

He heard BA4SI @ 0024Z on 6/9 and WL7N @ 2118Z

On 6/12 there was a very rare sporadic E opening to EU land and he was able to work DL8YHR @ 1644Z, S59A @ 1653Z.

He worked 9A8A @ 1658Z for a new country, DXCC#172. Also worked during this opening was ON4GG @ 1703 and PA2M @ 1723Z.

On 6/14 he worked JE1BMJ @ 2241Z and on 6/17 the very rare sporadic E to EU opened again and he heard OH1XT @ 1848Z.

On 6/22 he logged JE1BMJ @ 2303Z and JH0INP@ 2315Z. The next day he worked , he logged BV2DQ @ 2345Z for another new 6M DXCC entity, number 173!

It was a bust month for Bob as he continued his barrage on 6/24working KL7NO @ 0319Z and on 6/25 V31IV @ 2312Z JIMMY W6JKV in Belize.

On 6/26 BA4SI @ 2344Z, an honest 559 and BV2DQ in for over 1 hour. The next day,6/27 6M6M @ 0051Z and HL expedition to SOUTH KOREA was worked, not new but rare on extended sporadic E.

He rounded out the month with KH6HME/B @ 2034 , KH6/K6MIO @ 2035Z on 6/27 and on 6/28

KL7NO@ 0610Z was heard.

Another great month, 2 new ones for Bob on the magic band!

Contest Scores

by Jim, K6JS

All Asian CW Contest

STATION	CLASS	QSOs	MULTS	Score
K6SRZ	SO/AB HP	356	204	75,480

ARRL June VHF Contest

STATION	CLASS	QSOs	MULTS	Score
K6SRZ	SO/HP	119	46	5,474

From Your Editor...

by Steve, K6SAB

I was out with my friend, Paul, on FD Sunday, so we stopped by the FD site to meet and visit with several club members. Marilyn was our tour guide after we arrived. I was able to put faces to familiar callsigns and I received several compliments on the newsletter. It was very nice meeting everyone out there and watching the guys operating the stations and then taking down the beams. Paul and I were very impressed.

I want to thank the club for making it possible for me to get a new HEX beam and rotator. This past April I now have been a Ham for 40 years. For someone who doesn't travel much, I travel far everyday when I turn on my radio! Thanks for keeping my travels ongoing!

73 to Everyone!



March 2013



Conducted by K6JS



REDXA Honor Roll

WARC BANDS

30M		17M		12M	
W6XA	326	W6XA	335	W6XA	327
K6RIM	319	K6RIM	329	K6RIM	294
N60J	233	N60J	322	N60J	250
KC6AWX	238	KC6AWX	303	KC6AWX	250
K6ANP	169	W6SFK	210	W6SFK	138
N6IE	165	N7PIB	167	N6IE	134
K6SRZ	154	N6IE	165	N7PIB	120
W6SFK	129	K6ANP	162	K6SRZ	106
AG6V	3	K6SRZ	143	K6ANP	72
N6GY	3	N6GY	8	N6GY	47

W6SFK adds 7 new ones, AWX 10 new

W6SFK adds 17 to his total, AWX adds 2

W6SFK passes N6IE, KC6AWX adds 11

ARRL DX Challenge

W6XA	2985
K6RIM	2530
KC6AWX	2148
K6ANP	2131
N60J	1805
K6SRZ	1770
N6IE	1256
W6SFK	1203
N7PIB	1123

W6SFK, adds 42 pts. AWX adds 106

160 Meters

W6XA	224
W6OSP	177
K6ANP	158
K6SRZ	150
K6RIM	55
N60J	59
N6IE	37
KC6AWX	27
N7PIB	15
W6SFK	5

SFK adds 3, AWX adds 17, Inv. L working

1.5K Club

W6XA	1689
K6RIM	1588
KC6AWX	1405
K6ANP	1371
N60J	1367
K6SRZ	1124
N6IE	1043
W6SFK	737
N6GY	148

W6SFK, KC6AWX moving up

Rules for REDXA Honor Roll Listings.
Provide me with your total IOTAs 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	3

K6QXY adds 2 new ones, AWX moving up



RTTY/Digital

N60J	302
KC6AWX	296
K6RIM	253
N6IE	185
W6SFK	174
W6XA	162
K6SRZ	140
K6ANP	123

W6SFK adds 0 new ones, AWX adds 12

Send your REDXA Honor Roll updates to:

Jselmi@hotmail.com

Updated 4-02-13

Mobile DX



N7PIB	121
K6JS	107
W6SFK	3


K6JS adds 12 new ones - DX Truckin'

DXCC Mixed

K6RIM	366
N60J	360
W6OSP	353
W6XA	352
KC6AWX	348
K6SRZ	346
W6SFK	278

W6SFK works 3 new ones!!!

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MEETING: JULY 10, 2013

