

# 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, April 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 with Antenna guru Dean Straw N6BV and his program on "HF Antennas -- DX or Domestic, What's Your Pleasure?"**

## REDXA President's Report

I wrote most of this on my flight back from Boston on Easter Sunday. My daughter and I visited the Fisher College, where she will be attending and playing softball starting in the Fall. The weather was beautiful in Beantown and we look forward to planning future visits to this great city.

What a phenomenal month of mobile Dxing for me. I worked over 17 new entities in the past month with 7 in one day. The workhorse band for my 100 watt signal into an end fed 8 foot stainless steel whip antenna has been 17 meters. 18 MHZ seems to come alive around 7:30 – 8AM and at times I have to drag myself out of the truck to get in the office.. 17M and 15M CW are my money bands lately and all of the DX worked is accomplished during my morning or evening commute. I'm now up to 99 counties mobile. I have a few countries mobile that I don't have from the home station. I have 31 zones and just need Antarctica for WAC.

**Club Call**  
**W6KB**

It's amazing to think I'm so close to the century mark using ICOM 706mkIIg with 100 watts and an AH-4 auto-tuner to an end fed eight foot stainless steel whip. It definitely takes some work, although I've gotten quite a few on the first few calls, most take 30 minutes or so to break the pile-ups and the /M does help. All of my operating time is during the morning and evening commutes. It sure passes the time during the 2 hour round trip.

Logging is the most distractive part of mobile operating, more so than working the DX. I can tune around and make band, mode changes, enabling split and tune the rig without taking my eyes off the road. Logging by far is the most distracting portion of the QSO. I typically use an app on my Iphone for logging. I've tried several apps, but they all entail entering the info by hand. There is a new app for mobiles in QSO parties that tracks your location as part of the QSO data. I haven't tried it yet, but it would be useful to see that data also.

After trying several logging options the best and safest logging scenario for me is to use the audio or video recorder on the Iphone I'll record the QSO; Call, report, frequency. I typically say other info pertaining to the QSO for notes. The audio/video file provides a time stamp of the QSO for the log. I later listen to the files and put them in my logging program at home for permanent record and award tracking.

I do notice signals levels decrease or increase depending on my direction of travel. It would be interesting to examine the data from QSO's with the current GPS information to confirm this. The new app mentioned above would give me that info. These differences I'm noticing could be related to terrain also as I drive along the hills and salt marshes of 101 and Hwy 37, but I do think my setup is somewhat directional.

Don't miss our April program with Antenna guru Dean Straw N6BV and his program on "HF Antennas -- DX or Domestic, What's Your Pleasure?" Dean Straw N6BV was a Senior Assistant Technical Editor for ARRL from 1993 to 2008, specializing in antennas, transmission lines and HF propagation. He was the editor of the last five editions of The ARRL Antenna Book and the last four volumes of

The ARRL Antenna Compendium series.

We are certainly privileged to have Dean return to present this update to his talk that he originally gave at the Potomac Valley Radio Club.

I'm looking forward to seeing you all at the Boulevard Grill on April 10th. I've worked with the owner to iron out the service issues of last month.

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## **BOARD OF DIRECTORS MEETING MARCH 2013**

by Rick, N6GY

NO MEETING WAS HELD AS A QUORUM  
DIDN'T EXIST

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## **MARCH MEETING MINUTES**

by Rick, N6GY

President Jim K6JS called the meeting to order at 7:00 pm, March 13, 2013 at the Boulevard Cafe in Petaluma. There were 22 members and 5 guests in attendance.

The meeting started with a power point presentation by Alan K6SRZ on the California QSO Party last October. Bottles of wine were awarded to some of the deserving recipients. T-Shirts were handed out to those that ordered them.

Guests introduced themselves. We met Rockwell, Gary, Rose, Adam, and newest member Dave KG6BZH.

Jim asked for a motion to approve the minutes of the last meeting and current treasure's report as reported in SUNSPOTS. The motion was made, seconded, and passed.

Rick N6GY asked that Dave's membership be confirmed by the members for the purpose of the minutes. Dave KG6BZH was confirmed by Jim K6JS.

Jim then reported that the membership had contributed first \$475 then \$125 for the purpose of replacing our SUNSPOTS editor Steve Bertsch K6SAB

antenna system . He then informed the membership that the Board had allowed the Treasurer Saraj KU6F to purchase a K4KIO Hex Beam for Steve for \$350 from one of her friends in Southern California. Rich W6UDS said he had coax to contribute, and I, N6GY, offered a rotor although it lacks the upper pole clamp section.

Marilyn N6VAW told us of a problem getting a REDXA table at the Visalia DX convention. The tables only hold eight people, and confirmations for the banquet seating are not given for guests, XYL's, or others. It was suggested that Ron N6IE took care of it last year, but he was not at this meeting. Bill KH6GJV said he would look into it.

Jim mentioned that the tip for the wait staff wasn't added to the bill when we prepaid. He took a vote of the members present to add it to the bill in the future. The vote passed.

He then took a vote of those that wanted to continue at the Boulevard Café. I wasn't furnished the numbers, but according to him, the majority wanted to come back. He suggested any comments about the meal or the staff be sent to him via email.

The 50/50 Raffle was held earning Len K6ANP \$45 and the Club \$44.

Mark K6UFO then gave the feature presentation on operating QRP.

The meeting was adjourned at 9:10 P.M.

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## 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

2/28/13 Balance Forward	\$3,830.63
<b>INCOME</b>	
Dues	80.00
Raffle	45.00
SB Fund	40.00
<b>TOTAL INCOME</b>	165.00
<b>EXPENSES</b>	
Speaker's Dinner	23.00
<b>TOTAL EXPENSES</b>	(23.00)
3/31/13 Ending Balance	\$3,972.63

Balance of K6SAB Antenna fund:  
4-1-13 Balance \$515.00  
Hex Beam -\$350.00  
Ending Balance \$165.00

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### K6SAB Antenna Project Update

As you know REDXA is upgrading our editor K6SAB Steve's antenna system. Steve has been the Sunspots editor for over 16 years. We passed the hat around at the February meeting and have collected \$515 to date. We purchased a Traffie 5 band Hex beam for \$350. Steve, W6SFK has agreed to generously donate the needed coax.

We were able to purchase a new Yaesu G-450A rotor and control that is perfect for Steve and small antennas.

Many, many thanks to all of you!

## Contesting

by Jim, K6JS

The NCCC held their annual March Awards Celebration and some REDXA folks were honored for their efforts. CQP results were presented by CQP Czar Alan, K6SRZ and CQP plaques were presented to Bill N6ZF0 for 3rd place S/O LP Ca(New Lake County Record). We also had several CQP wine winners K6RIM for 6th place, Ron N6IE for his 13th Place, W6XU Josh received one for his 19th place and Bill N6ZF0 for his 20th place and a new Lake County record. Also honored, Rick N6GY for log checking and Alan K6SRZ for being CQP Czar.

In the November Sweepstakes category our own N6YEU Fred received the Sweepstakes Little Gun award. K6LRN received a KB-1000 and N6YEU and K6MM garnered KB-500 certificates.

The RTTY Roundup saw another REDXA member get honored as Ron N6IE received the Top SO1R HP award and an RU-1000 certificate. John K6MM received an RU-1000 and Dick K6LRN received a RU-500 certificate.

K6MM was also presented the NCCC MVP award.

On the wallpaper front, AG6V Donna received the SO(U)LP First Place SF section in the 2012 ARRL DX CW contest and Alan K6SRZ received the SO(U)HP First Place SF section in the same contest.

Congratulations to you all!

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## DX News

by Jim, K6JS

HEARD ISLAND- Vessel MARION DUFRESNE On Dec. 11 Dr. Schmieder visited officials at the IPEV (French International Polar Institute) at Brest, France. IPEV staff Helene LEAU (Head of the Oceanography Department) and Dr. Yves FRENOT (Director, Chair of the Committee for Environmental Protection) reiterated the availability of the vessel Marion Dufresne for the 40-day rotation leaving Reunion Island Jan. 4, 2014. The vessel has

space for up to 50 participants. The total cost will be determined by the exact itinerary, and there is some chance that IPEV can share some of the costs of the helicopter and the cruise, based on their research plan.

AMSTERDAM ISLAND-Vessel BRAVEHEART TCDXA member Ralph Fedor, KØIR just informed the GrayLine that he has a permit, team and transportation in place to conduct a DXpedition to Amsterdam Island during January and February of 2014.

Ralph has been working on a Southern Indian Ocean DXpedition for over four years. Heard Island, Crozet, and Amsterdam-St. Paul have all been in his sights. When another group made a commitment to the DX community to put Heard Island on the air early next year, Ralph decided to focus on Amsterdam Island. Amsterdam Island is under the administration of TAAF, the Terres Australes et Antarctiques Francaises, which controls access to the islands in the French Antarctic Territories. Access is strictly controlled, and permission to land on the island is subject to the use of an environmentally-acceptable vessel, the ability to land in difficult sea conditions, self-sufficiency and a sound environmental plan. After reviewing Ralph's team credentials and planning documents, TAAF issued a permit to land and conduct a DXpedition from Amsterdam Island for up to 18 days between the dates of January 15 and February 20 of 2014. Landing, setup and take down are included in those 18 days.

The Braveheart, a well-known and experienced DXpedition vessel, will board the team in Fremantle, Australia in early January of 2014. It will be a 3,800 nautical mile round trip in the rough "roaring 40s" of the southern hemisphere. The total time at sea will likely be 16 to 18 days in the 128-foot Braveheart.

2M, SCOTLAND (Satellite/Low Band Op). Paul, 2E1EUB, will once again be active as 2M1EUB for 7 days beginning April 6th. Activity will be from the eastern side of Scotland in the Cairngorms National Park (WFF GMFF- 001). Activity will be on 160m, 80m, and the satellites (mostly AO-7 B/A mode), as well as 2m SSB. Check out QRZ.com

under 2M1EUB for more info.

3V, TUNISIA (Op/Web Update). An Italian group, along with the Association des Radio Amateurs Tunisiens (ARAT) and the Engineering University of Gabes, who are planning a second IOTA DXpedition to Djerba Island (AF-083, WW. Loc. JM53KT, WFF 3VFF-007, WLOTA L-1394 and ARLHS TUN-022), as TS8TI (will receive license in March) between April 29th and May 6th (see OPDX.1100 & OPDX.1101), have announced that they will now be active on all HF bands, including the 30/17/12/6 meter bands using CW, SSB, RTTY and PSK31/63/125 modes. The team is still in need of sponsors and individual contributions. Contact: ik7jwx2003@yahoo.it

For more info and updates, watch the following Web pages:

<http://www.qrz.com/db/TS8TI/>  
<http://www.arilimbiante.it/>  
<https://www.facebook.com/notifications#!/alfredo.denisi>

5H, TANZANIA (Update/IOTA Op). Bodo, DF8DX, will be active as 5H1DX between April 20-28th. Activity will include the activation of several IOTAs which include the following:  
AF-075 - Bongoyo Island as 5H1DX3  
AF-063 - Pemba Island as 5H1DX  
AF-032 - Zanzibar as 5H1DX Operations will be on the HF bands and EME. QSL via DF8DX.

5W, SAMOA. Just a reminder that a team of 15 German operators will be active as 5W0M from Le Lagoto between April 4-18th. Activity will be on 80-6 meters using CW, SSB and RTTY plus 2 meter EME (see OPDX.1087 for suggest frequencies). They plan to have four stations active simultaneously on the air with amp and various antennas. QSL via DL4SVA, direct or by the Bureau. QSL EME QSOs via DL9MS. A OQRS will be available for QSL requests for Bureau QSLs or direct cards. A Web page is available at:  
<http://5w0m.hkman.de>

8Q, MALDIVES. Operators Pai/VU2PAI and Krish/W4VKU will be active as 8Q7KP from Bodufinolhu, South Male Atoll (AS-013), between April 23-30th.

A3, TONGA (Reminder). Jacek, SP5EAQ, will be active as A3EAQ from Tongatapu Island (OC-049) between March 26th and April 16th. Activity will be on 80-10 meters SSB only. QSL via SP5EAQ, direct or by the Bureau. For more details and updates, watch: <http://sp5drh.com/a3eaq>

E5, SOUTH COOK ISLANDS. Mauri, AG1LE, will be active as E51DXX on a holiday/ DXpedition from Rarotonga (OC-013) between April 1-13th. Activity will be on the HF bands. QSL via his home callsign.

FR, REUNION ISLAND. Guy, F5MNW, will be active as FR/F5MNW from Reunion Island (AF-016) between April 6-29th. Activity will be on the HF bands using only CW. QSL via his home callsign, direct or by the Bureau.

HC, ECUADOR. Dr. Rick, NE8Z/HC1MD, will once again be active from here between March 21st and April 11th. Activity will be from Tumbaco on 40-10 meters operating CW, SSB and RTTY, using a TS-850s with a Heath SB-200 into a Carolina Windom (40-10m) antenna. QSL via K8LJG. View the HC DX-Diplomas at:  
<http://webpages.charter.net/ne8z/NE8Z/Welcome.html>

JD1, OGASAWARA. Harry, JG7PSJ, will once again be active as JD1BMH from Chichijima Island (AS-031) between April 22nd and May 4th. Activity will be on 40-10 meters using CW, SSB and RTTY. QSL via the Bureau to JD1BMH or direct to JG7PSJ. Visit his Web page for more details at:  
<http://sapphire.es.tohoku.ac.jp/jd1bhm>

JD1, OGASAWARA. Makoto, JI5RPT, will once again be active as JD1BLY from Chichijima Island (AS-031), Ogasawara, between April 28th and May 4th. Activity will be on 40-6 meters, including the satellites, using CW, SSB and the Digital modes (NO 6m EME). QSL via his home callsign JI5RPT. His log search will be available on his Web site at:  
<http://www.ji5rpt.com/jd1> He will also use Twitter to inform his real-time activities at:  
<http://twitter.com/jd1bly>

S7, SEYCHELLES (Update). Nobby, G0VJG, will be active S79VJG from the Seychelles (AF-024)

between April 4-16th. Activity will be on the 40-10 meters using SSB only and HF verticals on the beach (QRO). QSL via G4DFI.

TO7, MAYOTTE. Hartwig, DL7BC, will once again be active as FH/DL7BC from Mayotte (AF-027) between March 26th and April 12th. Activity will be from Bruno's, DH1BL/FH4VOS, QTH. Operations will be on 80-10 meters plus participation in CQWW WPX SSB Contest signing TO7BC. QSL via his home call sign, direct or by the Bureau. For more details, visit his Web site at: [http://www.qslnet.de/member/dl7bc/en\\_TO7BC.htm](http://www.qslnet.de/member/dl7bc/en_TO7BC.htm)

V6, MICRONESIA. Operators Takio/JH3QFL and Keizo/JH3AZC will be active as V6H and V6S, respectively, from the South Park Hotel in Pohnpei between April 29th and May 5th. Activity will be on 80-6 meters using CW, SSB, RTTY and JT65. QSL via their home call sign.

COCOS (KEELING) ISLAND, VK9C. Operators GM3WOJ and GM4YXI plan to be QRV as VK9CZ from March 30 to April 13. Activity will be on the HF bands using CW, SSB and some RTTY. QSL via operators' instructions.

VK9L, LORD HOWE ISLAND. Oliver, W6NV, informs OPDX that he will be at Lord Howe Island between April 10-14th, to see the sights and join Seppo, OH1VR for some casual operations. Oliver has obtained the VK9LT call sign for his Lord Howe Island operation which was approved for re-issue by the WIA effective April 1st, 2013. He mentions, "We have confirmed reservations, however, the equipment logistics and propagation will be the determining factors." Seppo will operate as VK9/OH1VR between April 11-16th. Direct QSLs for VK9LT (operations for 2013 only) are to be sent to W6NV. QSL VK9/OH1VR via OH1VR only direct. More later on bands and modes, when equipment logistics is firm. ADDED NOTE: Look for them to possibly participate in the Japan International DX Contest and the Yuri Gagarin International DX Contest over the weekend of April 13-14th.

MICRONESIA, V6. Operators Sho, JA7HMZ (V63DX) and Kei, JA7GYP (V63T) will be active

from Pohnpei Island from April 15 to 20. Activity will be on all bands and modes. QSL via their home call signs.

ZK3, TOKELAU (Update to OPDX.1095/Date Change). Operators Hans/DL6JGN and Guenter/DL2AWG will now be active as ZK3N from Nukunonu Atoll (OC-048) between April 15-30th (not April 23rd and May 8th as first announced). Reason for dates being changed is that the shipping service used has "updated boat schedule from Samoa to the Tokelau Islands." Therefore, they had to rebook their flights. For more details, visit the ZK3N Web page at: <http://www.tokelau2013.de>

### Propagation

Solar activity was down this week, with the average daily sunspot number less than half last week's figure, at 49.6. Average daily solar flux dropped 22 points to 97. Geomagnetic activity was quiet also.

The predicted solar flux is 95 and 100 on March 28-29, 105 on March 30-31, 110 on April 1-3, 115 on April 4, 120 on April 5-7, 125 on April 8-10, 120 on April 11-13, 115 on April 14, 110 on April 15, then it drops below 100 on April 20-24.

The predicted planetary A index is 22, 18 and 8 on March 28-30, 5 on March 31 through April 22, then 8, 18, 15 and 8 on April 23-26, and 5 through the end of April and into the first week in May.

April 19-21 -- International DX Convention, Visalia, California

## REDXA Calendar of Upcoming Events:

by Doug, WW6D

<b>Apr 10</b>	<b>* REDXA Monthly Meeting</b>
Apr 19-21	Int'l DX Convention - Visalia
Apr 27-28	Florida QSO Party
Apr 27	<b>Valley of the Moon ARC Hamfest</b>
May 4-5	7th Call Area QSO Party
<b>May 8</b>	<b>* REDXA Monthly Meeting</b>
May 11-12	CQ-M Int'l DX Contest
May 25-26	CQ WW WPX CW
Jun 8-10	ARRL June VHF
<b>Jun 12</b>	<b>* REDXA Monthly Meeting</b>
Jun 15-16	All Asian DX CW
Jun 22-23	ARRL Field Day
<b>Jul 10</b>	<b>* REDXA Monthly Meeting</b>
Jul 13-14	IARU HF World Championship
Aug 3-4	North American QSO Party CW
<b>Aug 10</b>	<b>* REDXA Monthly Meeting</b>
Aug 17-18	North American QSO Party SSB
Aug 24-25	Hawaii QSO Party

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

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### Field Day 2013 June 22nd and 23rd

by K6JS

The annual Field Day planning meeting was held over lunch at Moylan's in Novato on Wednesday April 3rd. In attendance were Ron N6IE, Bruce W6OSP, Rich W6UDS, Jim KE6UAR, Jim K6JS, Doug from MARC and Alan, K6SRZ, XYL and new Guide Dogs for the Blind puppy Dodge.

Field Day is on June 22nd and 23rd this year and we will be operating 2A using the W6KB call. We will once again be having a joint Field day with the Marin Amateur Radio Club at the Marin Rod and Gun Club.

Alan, K6SRZ will be the CW station captain and Ron, N6IE will be the SSB station captain. Ron will be providing his Orion for the SSB station and Saraj, KU6F will be bringing her FT1000D for the CW station and a TS480hx for the GOTA station. We are looking for a GOTA station captain. Let us know if you're interested.

Although, K6SRZ will be the CW captain, he has an offer he can't refuse on Saturday. Limo ride and luxury box seats for the Giants Vs Marlins on Ryan Vogelsong bobblehead day. Bruce and I will Co-Captain the CW station in his absence.

We will need all the help we can get for setup on Friday June 21st. If you have time to help us setup, please arrive at the MR&GC around 10:00 Am – 10:30 Am. We always need help on Sunday to tear down the stations and antennas and load them back on the trailer. We discussed a loop antenna for the low bands and we are looking into the cost of a M2 2E 40 meter beam to help us out on 40 meters. The old shorty forty hasn't loaded up too well the last few years. This is still in the discussion phase.

Additionally, Fred, N6YEU stores all the antennas at his QTH. He will need help loading the trailer, provided by Jim KE6UAR on Friday June 14th. If you can help us out, please arrive at Fred's QTH around 9:30Am -10:00 Am. Fred's QTH is on QRZ.com.

The Saturday night dinner and Sunday breakfast are still being discussed. A big thank you to all the folks that help make Field day run like a well-oiled machine.

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### Visalia DX Convention Banquet Dinner Seating

The Visalia DX convention is just around the corner on April 20th and 21st. KH6GJV Bill is organizing tables so that we can all sit together for the Saturday night banquet dinner. He needs you IDXC registration number to get you a seat at a table. Email Bill Hillendahl at KH6GJV@arrl.net.

## Contest Scores

by Jim, K6JS

### CQ WW WPX - SSB

Station	Class	Time	QSO's	Prefixes	Score
K6LRN	SOAB HP	14.5	426	286	312,598
K6RIM	SO(A)AB HP	9.1	307	268	219,760
N6YEU	SO (A) LP				53,721

### ARRL DX SSB

STATION	CLASS	QSO's	MULTS	SCORE
K6LRN	SOAB HP	260	126	98,280
K6SRZ	SOAB(U) HP	110	71	23,430
K6MM	SOSB/10 LP	77	25	5,775

### NAQP RTTY

STATION	CLASS	QSO's	MULTS	SCORE
N6IE	SOLP	655	190	124,450
K6LRN	SOLP	516	180	92,880
N6ZFO	SOLP	454	162	73,548
K3FIV	SOLP	245	121	29,645
K6MM	SOLP	51	28	1,428

### ARRL RTTY Roundup

N6IE 141,576

## REDXA Badge Information

REDXA badges are available when you become a dues paying member. The older style badges with the raised tree are no longer in production. Although, they do have 3 or 4 trees left in stock and they charge a little extra to use them.

The badges cost between \$10 and \$12 dollars depending on the clasp type. There are three different types of clasps; Pin, Clip and Magnet.

Currently, the badge with the red text in the middle is \$10 each with a clip or pin.

Please add an additional \$1.75 for a magnet clasp.

To order a badge, send our Treasurer (Currently K6JS) an email with your Name, QTH and Call and the type clasp you want. You can pay for your badge at the next meeting.

## REDXA needs a Treasurer

Saraj KU6F has had to step down as REDXA Treasurer due to family issues. On behalf of the REDXA and the BOD, I want to thank Saraj, KU6F for her hard work, dedication and service to the club during her term as Treasurer. Your efforts will be missed.

I will be taking over as Acting Treasurer until a replacement can be found. Please let me know if any of you would like to step up and take over Treasurer duties for the next 9 months. REDXA elections will be held at the end of the year. Otherwise, I'll ask for a volunteer at the next meeting. The Treasurers duties include; keeping the bank account balanced, depositing our monthly raffle money and paying the periodic bills. Additionally, submitting a monthly Treasurers report for publication in Sunspots and orders the Badges – Usually a simple email to the badge vendor in Petaluma will suffice. Badge orders are few and far between. The Treasurer also keeps the roster up to date. I've been the Treasurer for a few years and it's about 2 hours of time a month. Let me know if you're interested.



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
N6OJ	233	N6OJ	322	N6OJ	250
KC6AWX	228	KC6AWX	301	KC6AWX	239
K6ANP	169	W6SFK	178	N6IE	134
N6IE	165	N7PIB	167	W6SFK	126
K6SRZ	154	N6IE	165	N7PIB	120
W6SFK	99	K6ANP	162	K6SRZ	106
AG6V	3	K6SRZ	143	K6ANP	72
N6GY	3	N6GY	8	N6GY	47

12 new ones for N6OJ

N6OJ adds 5 more

17 new ones for OJ

#### ARRL DX Challenge

W6XA	2985
K6RIM	2530
KC6AWX	2148
K6ANP	2131
N6OJ	1805
K6SRZ	1770
N6IE	1256
N7PIB	1123
W6SFK	1082

N6OJ moving on up

#### 160 Meters

W6XA	224
W6OSP	177
K6ANP	158
K6SRZ	150
K6RIM	55
N6OJ	59
N6IE	37
KC6AWX	27
N7PIB	15

OJ adds 2 more

#### 1.5K Club

W6XA	1689
K6RIM	1588
K6ANP	1371
N6OJ	1367
KC6AWX	1345
K6SRZ	1124
N6IE	1043
W6SFK	683
N6GY	148

Old Junk 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	171
W6XA	130
K6RIM	14
KC6AWX	8
K6ANP	6
W6SFK	2

K6QXY adds another new one



#### RTTY/Digital

N6OJ	302
KC6AWX	284
K6RIM	253
N6IE	185
W6XA	162
W6SFK	162
K6SRZ	140
K6ANP	123

N6OJ adds 4 new ones

Send your REDXA Honor Roll updates to:

[jselmi@hotmail.com](mailto:jselmi@hotmail.com)

Updated 4-02-13

#### Mobile DX



N7PIB	121
K6JS	95
W6SFK	3

K6JS adds 17 new ones - Here comes the Big Wheel

#### DXCC Mixed

K6RIM	366
N6OJ	360
W6OSP	353
W6XA	352
KC6AWX	348
K6SRZ	346
W6SFK	269

W6SFK works 11 new ones!!!

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**MEETING: APRIL 10, 2013**

