



The North Florida DX Association

PileUp

NFDXA's Monthly Newsletter



In This Issue

Heard Is Dxpedit Delayed	1
NFDXA 2013 Officers	2
April Mtg Attendance	2
DX Fever	3
April Mtg Minutes	3
April Mtg Pictures	4
NIWON #332	4
NU4Y's World	5
WIFO's 6m Amp	5
DX Special Event Stns	6
DX Africa	7
DX Asia	8
DX Arctic-Antarctic	8
DX NA, SA and CA	9
DX Pacific-Oceania	10
DX Indian Ocean	10
DX Europe	11
HV3SJ Pirate Opertion	11
May DX Calendar	12
June-Oct DX Calendar	13
Penetrating Oils Tested	14
Tech Tip	14
NFDXA Club Contest	15
WAZ Credits	15
Odds and Ends	16
Schematic Cartoon	17
The Last Word	17

Volume 5 Number 5

May 2013

<http://nfdxa.com/>

2014 VK0/H Heard Island DXpedition Rescheduled to Jan 2015 High Cost Forces Rescheduling, Size Reduction of Operation



Big Ben volcano on Heard Island

The long-anticipated expedition to Heard Island, the No. 4 most-wanted Ham Radio entity worldwide, has been rescheduled for January, 2015. The primary reason given for the change is the high cost of using the **Marion Dufresne** research supply ship to transport and to place the team on Heard for the required time.

According to the Heard Island DXpedition web-site (<http://www.cordell.org/HD/>), the cost of using the

Marion Dufresne, operated by the French Polar Institute, would exceed a million dollars. This raises the operation's total cost to more than \$1.5 million.

Initially, Cordell Expeditions (K7C, TX5K) planned to cover this high cost by increasing the size of the DXpedition team to 50 members. But it was decided that gaining sponsorship an operation of this size would be impossible and the decision was made to delay the expedition to January, 2015. This will allow more time to restructure the entire project, locate a more suitable vessel to carry the team and its supplies, and finally, bring the expedition's cost more in line with projected available resources.



Marion Dufresne Research Supply Ship

The delay will be beneficial in several other areas. For one thing it will enable planning for a smaller-sized team of 12-15 skilled operators to be QRV over a longer time, possibly as much as 30 days or more. This would give the DX community a much greater chance to make a Heard Island contact in the waning days of Cycle 24. It will also bring the estimated DXpedition cost down from the original \$1.5 million to "significantly less than \$500k". The cost to each team member would be around \$15k.

Additionally, radio operations will be located on the east side of Heard Island, enabling paths to areas of the world that were not accessible in the last Heard Island operation, VK0IR in 1997.

Another benefit from the delay is restructuring will give additional time for the expedition's mountain science team to carry out its exploration of the island's Big Ben volcano on the 50th anniversary of the first ascent. Mawson Peak, the volcano's major prominence, is currently erupting. The post eruption exploration will enable the science team to better document the eruption's effects including the state and condition of its flanking glaciers.

An update will be posted on the Heard Island DXpedition web-site 15 June 2013, including an updated Project Description (under DOCUMENTS).

For more information, or if you are interested in becoming involved with the Head Island project, contact Dr. Robert Schmieder, KK6EK Organizer and Expedition leader, Schmieder@cordell.org, or Rich Holoch, KY6R, Co-planner rholoch@comcast.com. Updates will be posted on the expedition website www.heardisland.org



The May meeting of the North Florida DX Association will be 5 pm, Saturday, May 18, St Johns Seafood & Steaks, Lane Avenue S., Jacksonville.

NFDXA OFFICERS 2013

The North Florida DX Association, Inc. is a group of Amateur Radio Operators located in north Florida and south Georgia whose interests are DXing and Contesting. NFDXA meets on the 3rd Saturday of the month at a place selected by the meeting organizer.

Officers elected for the calendar year 2013 are:



President

Bob Frey, WA6EZV rallenfrey@gmail.com



Vice President

Bob Lightner, W4GJ bobW4GJ@gmail.com



Secretary

Mike Reublin, NF4L nf4l@nf4l.com



Treasurer

Jim Hughes, KC4FWS kc4fws@comcast.net

Executive Committee

The Executive Committee consists of the elected officers of the Association <http://www.nfdxa.com>

Editor, NFDXA *PileUp* Newsletter

Warren Croke, NW4C nw4c@cox.net

PileUp story ideas, manuscripts and photographs should be sent to nw4c@cox.net

April Meeting Attendance

Name	Call	# Attending	Name	Call	# Attending
Steve Brown	AB4UF	1	Billy Williams	N4UF	0
John Hale	AC4ET	0	Mike Reublin	NF4L	1
Larry Bostic	K3LB	1	Dave Mains	NO4J	0
Larry Junstrom	K4EB	0	Jim Iori	NU4Y	1
Dick Hicks	K4UTE	1	Warren Croke	NW4C	0
John Silberman	KB4CRT	0	Mike Garcia	W1FO	1
Jim Hughes	KC4FWS	1	Pres Graham	W4FDA	0
Bill Walker	KX4WW	0	Bob Lightner	W4GJ	1
Cory McDonald	NIWON	1	Steve Barber	WA4B	1
Mike Parnin	N4EPD	1	David Price	WA4ET	0
Ron Tivey	N4GFO	0	Robert Frey	WA6EZV	1
Joe Barnes	N4JBK	1	Dick Knox	WR4K	0
Ron Blake	N4KE	1			

Attendance: NFDXA Members 12 (* = Attend via Skype) Guests 4

Notice to NFDXA Membership

Bring your records up to date. All NFDXA members are requested to go to the club web site and check their entry on the NFDXA Roster page. If any changes in address, e-mail or other information are needed please notify NFDXA Secretary Mike Reublin, NF4L (nf4l@nf4l.com) at your earliest convenience.



W4ZR



— DX FEVER —

What a great turnout for the April meeting at Clark's fish Camp, it was good to see everyone and to see what a "small" prime rib looks like. I will miss seeing everyone at the May meeting, well sort of, as I will be trekking down the flea market isles at the Dayton Hamvention looking for some rare treasures.

Hind sight is one those great senses that we all wish we could use before we need it. As I now struggle to get to the 1500 QSO mark on the DXCC Challenge, I look back in the logs and see over 260 band QSOs that would have counted. I could be well on my way toward 2000. I think Rickard K4UTE is already there.

The key here, work the band fills and get the QSL. You will wish you had in the future. Well it looks like another great month for DX operations with activity from Lakshedweek, Norfolk, and French Polynesia, Vietnam, just to name a few. Hope everyone has snagged at least one new one this month.

Speaking of snagging new ones, I continue to see lots of chatter about QRZ zones and the club contest. Keep chipping away. Together we might be able to total Rich's sum. What if we have him start over each month? Anyone want to take a vote?

Well think that is it for this month; I am going to take a canoe out to the back yard to check on my antennas. Looks like a line broke in the wind.

73's till June — Bob, WA6EZV



Bob WA6EZV



Minutes of April 20, 2013 Meeting



The meeting was called to order by **WA6EZV** at 6:20 PM
Everyone introduced themselves. The March minutes were approved.

Treasurer's Report:-

Treasurer **Jim KC4FWS** reported a balance of: \$1001.64.

Old business -

Ron reported that **Pres, W4FDA** is hanging in with some back problems.

No tribander was forthcoming for the **VP5DX** station.

In the club's zone contest, **Rich, K4UTE** is still leading, after wiping his score and starting over.

New business –

Mike, N4EPD has some Rohn 25 tower for sale.

Jim, KC4FWS is leaving soon for a motor home tour of Canada, to return in September.

Next meeting planner (May) is **Bob, WA6EZV**

Guests - Dale, N4NN, Greg N4CC, Dave N3HE and Jacki Garcia.

The meeting was adjourned at 6:40 PM.

Respectfully submitted, **Mike, NF4L, Secretary.**



Faces in the crowd at the NFDXA meeting April 20, 2013



Top row, l-r: Beautiful view from our tables at Clark's Fish Camp; NFDX President Bob, WA6EZY; Ready to order.

2nd row, l-r: Richard, K4UTE; Mike, NF4L and Joe, N4JBK; Cory, NIWON; Ron, N4KE and Jim, NU4Y

3rd row l-r: Steve, AB4UF makes a point in pre-dinner conversation; Larry, K3LB; Mike, W1FO and XYL Jackie

Bottom row, l-r: Glenn, N4CC; Dale, N4NN; Dave, N3HE; Mike, N4EPD; Jim, KC4FWS Fotos by Cory, NIWON and Bob, W4GJ

INCHING CLOSER — NIWON reports he logged his 332nd DXCC entity when he connected with VU7KV in the rarely-activated Laccadive Islands earlier this month.

However, the QSO was not without its scary moments. **Cory** said for some reason his Acom amp was "acting up" on him for awhile. But then, suddenly, it started "working normally" and he was able to transmit. "He (VU7KV) had a great signal," Cory said, "and good ears, too!" He added it took him about 20 minutes of working the pile on 17 meters before he was able to brake through make his contact.

VU7KV is number 332 (current) for NIWON. His overall total, 336, includes four deleted entities so this QSO, when confirmed, will give him a little cushion in the event of future deletions

Cory received his DXCC Honor Roll recognition and plaque several months ago. Now the remaining goal that lies ahead is to achieve the coveted status #1 Honor Roll.



The World According to NU4Y — The FCP

I read an article in the National Contest Journal during our trip to VP5DX, thanks to W4FDA giving us some past issues. It was about the Folded Counterpoise. The idea was to get a ground system for your 160 meter antenna, without the space for full sized radials.

The system used a series of wires 33 feet long on posts about 8 feet up isolated from ground. You would feed this system through an isolation transformer, use the wires for the ground and your inverted L for the radiator. This was developed by K2AV and some others to cure the problem when there was not an efficient ground system. The article had a few testimonials about how well it worked on small lots from avid 160 meter operators.

Also published was the theory and development of the system. Part of the system, the isolation transformer, had to be built and instructions were included. The author was very explicit about the parts to be used and winding of the transformer.

My 160 inverted L is really a 33 foot 80 meter loaded vertical with about 75 feet of wire added to the top and strung out almost horizontal to a tree branch. I have to add approximately 80 feet of wire to 2 of my 80 meter radials on the ground to get a match. Of course there is not enough room to string out 140 feet of wire within my property so the wires are bent etc. just to get it all in there. The antenna works but the low angle signals are not so good.

During the ARRL 160 meter contest in December, I was able to work the east coast and Midwest but not the west coast. The FCP sounded like a solution. After pricing the toroid, box, wire, and hardware needed to make the transformer I decided to purchase a unit already made from Balun Designs. The idea was to have this up and running for the January 160 meter contest. The Balun Designs model 1142s/160 is built very well. Nice construction, in a weather proof box and all the hardware needed.

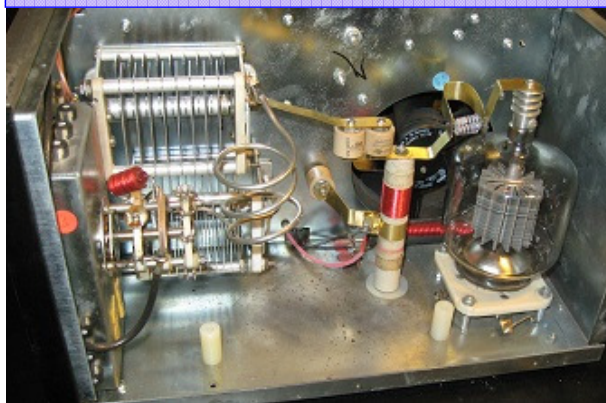
While waiting for the transformer to arrive, it was necessary to get my low noise receive antenna ready to go. Low and behold, the noise from the large power lines a couple of blocks away was 20 over s-9. I even made a capacitor tuned ferrite loop antenna trying to null it out and could not.

Well, how does the FCP work? I can't tell you, it is still on my work bench. With the line noise so high, I figured it would be a waste of time anyway. The best laid plans of mice and men.

Clay Electric has since fixed the noise, I give you further updates this fall when I finally install it all. For more information www.balundesigns.com/servlet/service or www.w0uce.net/K2AVantennas.html.



New Life for what was left of an old Amp



On the right is a picture of Mike, W1FO; on the left is his recently completed Ameritron AL 80A 6 Meter conversion.

Mike says he finished the project in about 3 evenings of work. With exception of the Plate cap (39 Dollars) the amp was built with junk box parts. With the pictured used tube, he's getting 750 to 800 watts on 6 meters. Not bad for an amp that was heading to hamfest for parts. Now that he knows how it works, Mike says he'll be adding a zero bias board and a low pass filter circuit.



SPECIAL EVENT OPERATIONS



4A – ISRAEL (CQZ 20) A group of operators will be QRV as **4X75FOC** during the month of May in celebration of the 75th anniversary of the First Class CW Operators' Club. QSL via 4Z4KX. **–ARRL DX**

5T1 – MAURITANIA (CQZ 35) (Special Event). Look for Jean, **5T0JL** (ON8RA), to be active as **5T1FOC** throughout May. Jean's activity is to celebrate the 75th anniversary of FOC (First Class CW Operators' Club). The special license was issued by the l'Autorité de Régulation, National Council of Regulation in Mauritania (ARE). For more details on the FOC, visit: <http://www.g4foc.org/> There will be other special FOC call signs on during the month of May, as well as a special award available. See the Web page above for more details. **–OPDX**

9H – MALTA (CQZ 15) 9H25 will be a special short call sign from Malta by the Dutch Society of Radio Amateurs, who have the home call sign PI4KGL. They will operate from Qawra May 20-June 4 the group's 25th holiday trip to Malta. Look for them on 80-6M CW and SSB. <http://members.ziggo.nl/9h25/>. **–OPDX, DDX**

CT – PORTUGAL (CQZ 14) To celebrate the 25th anniversary of the Amateur Radio Association of Village Moscavide (ARVM) - Amateur of the Municipality of Loures special event station **CS25ARVM** will be QRV on CW and SSB on 80, 40, 20, 15 and 10 meters from May 24th to 26th. QSL via CT1RVM. **–DDX**

DA – FEDERAL REPUBLIC OF GERMANY (CQZ 14) Special event station **DR0PALAEON** is QRV until March 31, 2014 in commemoration of the discovery of the oldest human-made weapons in an archaeological exploration near Schoeningen. The discovered spears date back approximately 300000 years. QSL via bureau. <http://www.qrz.com/db/DR0PALAEON> **–DDX**

EG3, SPAIN (CQZ 14) Members of local section of URE (Union Radioaficionados Españoles) in Tarragona, together with the Radio Club del Tarragones, will activate the special event call sign EG3FTV May 13-26. Activity occurs during "Festival Tarraco Viva" (<http://www.tarracoviva.com/>). QSL Manager is EA3BDE. QSL via Bureau. **–OPDX**

G – ENGLAND (CQZ 14) Look for **GB75FOC** and **MORSE** to be QRV throughout May in celebration of the 75th anniversary of the First Class CW Operators' Club. QSL via operators' instructions. **–ARRL DX**

G – ENGLAND (CQZ 14) The 70th anniversary of the Battle of the Atlantic (World War II) is being celebrated with special call signs and operations. Operators will use "seventy" in the call signs to mark the occasion. Stations will operate from the Fort Perch Rock at the Mersey entrance, GB70BOA; and Leasowe Lighthouse GB70WA, May 20-27. Look for them on 80M-432MHz, all modes. GB4FPR and G5D by local groups will also be active, hoping to make at least 2,800 QSOs during those 8 days of activity. That number was chosen because 2,800 allied ships were sunk during that phase of the war. There will be a special QSL card, with details on QRZ.com. For more: <http://www.clanlinereunion.co.uk/BA70-page10.html> **–DDX**

G – ENGLAND (CQZ 14) SPECIAL CALL SIGNS UK Amateurs may apply to use a special V prefix, such as **GV**, **MV** and **2V** starting July 5 and for the entire month of July. The special call signs will celebrate the 100th anniversary of the RSGB, Radio Society of Great Britain. **–DDX**

HF – POLAND (CQZ 15) Special Call Sign HF550 is a special Polish call sign now until May 31 including the WPX CW event for the 55 years of the Polish Amateur Radio Union Opole Province Branch. QSL to SP6PAZ. **–DDX**

I – ITALY (CQZ 15) IQ9SY from Italy's ARI Siracusa club will be on May 11 to June 23 for the XLIX Greek Theatre Festival. QSL direct or bureau to IT9DAA. **–DDX**

KH8 – AMERICAN SAMOA (CQZ 32) Special event call sign **N8A** from the Turtle and Shark Lodge, Village of Vaitogi, on the south-east coast of Tutuila Island (OC-045, USI AS007S, WLOTA 4385) between Nov 12-27. Activity will be on the HF bands, 160-10 meters, with a significant effort on 160 meters. *Focus will be on EU for the high bands.* CW will be the primary mode with some SSB and RTTY possible. Operations will include the CQWW DX CW Contest but with extended pre-contest activity intended to make KH8 widely available. QSL via ZL3CW. The N8A Web page is now available online at <http://www.n8a.eu/>

LZ – BULGARIA (CQZ 20) LZ2013KM from Bulgaria is a special event station by the Bulgarian Federation of Radio Amateurs, QRV until May 31 for the national St. Cyril (Kiril) and Methodius Day. They created the Cyrillic alphabet. QSL through the LZ QSL Bureau.

PY – BRAZIL (CQZ 11) Special event station **ZW1CCOM54** celebrates the graduation of the Signal Corps' Academy 54th class. QSL via operators' instructions.

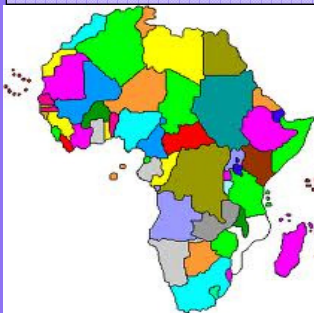
RA – RUSSIA (CQZ 16) Another Russian operation is multiple special call signs Apr 18-July 17 for the 27th World University Games put on by the International University Sports Federation. Call signs will start with these sorts of prefixes: R27, RA27, RT27 and RU27. Russia hosts the games in the city of Kazan, July 6-17.

SP – POLAND (CQZ 15) Special event station **HF500PILA** is QRV until May 31 in celebration of 500 years of the city Saw and 100 years of Pila airport. QSL via SP3YAC. **–ARRL DX**

SV – GREECE (CQZ 20) Special event station J49C is QRV until June 30 in celebration of the centennial of Crete and Greece's union. QSL via SV9COL. **–ARRL DX**

Continued on page 7

DX AFRICA



5H-TANZANIA. (CQZ 37) Byron, KF8UN, will be active as **5H3BB** Aug 2-20. He will be there on a safari with his YL Sandy, K8FUN. Activity is possible on 40-15 meters, but mostly 20 meters and on SSB with some CW. Byron will use an IC-706 into a mag mount vertical and/or dipole. QSL via his home call sign direct. **--OPDX**

5U – NIGER (CQZ 35) 5U9AMO in Niger is equipped with a small TS-50 rig to an MFJ-971 tuner and a low hanging long wire. Operator Pierre, HB9AMO, is expected to be QRV until May 30, working holiday style on 80-10 CW. QSL via M0URX. Check <http://www.m0urx.com/qrs/> for an online QSL request. **--OPDX and DDX**

5Z4 – KENYA and 6O – SOMALIA (CQZ 37) LA4GHA is QRV 160-6m CW, SSB and digital modes in his spare time from Kenya and Somalia until December 2014. Roger is while on work assignment as a member of the NODC-mission. Look for him to sign **5Z4/LA4GHA** or **6O0LA**. QSL via LA4GHA. **--DX WORLD.net, ARRL DX**

6V – SENEGAL (CQZ 35) RK4FF, Vlad, is back in Senegal where he is QRV as **6V7S** until May 30. He's on CW, SSB and RTTY on 80, 40, 20, 15 and 10 meters. QSL direct only via RK4FF. **--ARRL DX**

C9-MOZAMBIQUE (CQZ 37) DX-World.net and others report a large DX-pedition to C9 Mozambique – with emphasis on the low bands – will take place mid-October. The multinational group plans operation on 160, 80 and 40 simultaneously are planned during nighttime hours for eight days. 30 through 10 meters will be the bands during the daytimes. There will be a website soon. QSLing will be via OQRS, LoTW and Club Log with daily log updates. **--DX-World.net, OPDX and DDX**

D4-CAPE VERDE (CQZ 35) D44TWO from Cape Verde by DF2WO, Harald, is June 3-20, holiday style. Harald plans to be QRV CW/SSB on all HF bands with 100 watts and a dipole.. QSL via M0OXO. **--DDX**

EE8 – CANARY ISLANDS (CQZ 33) Luis, EA8AY, will be active as **EE8X** from Tenerife Island (IOTA AF-004, DIE S-012, WLOTA 1276, EAA TF) during the CQWW WPX CW Contest (May 25-26) as a Single-Op/All-band entry. QSL via W2GR. Visit his Web site at: <http://www.ea8ay.com/ef8x2/index.html> **--OPDX**

Z2 – ZIMBABWE (CQZ 38) If there are no troubles after Zimbabwe elections VK6DXI, Mirek, is scheduled to be QRV as **Z21DXI** in the July-August time frame. This too is a business trip and not a DXpedition. He has already renewed his license, which he has in hand already. Mirek will have access to the hotel roof most likely he'll be on 160-6. QSL via VK6DXI. **--DDX**

Z8 - SOUTH SUDAN (CQZ 34) Z81D (Y11DZ), Diya, ended his stay in Juba, South Sudan in April but will be back at the end of May working with a new contract for a minimum 6 months, maybe 12 months, and will again be QRV as Z81D. QSL via OM3JW. **--DDX**

ZS8 - PRINCE EDWARD AND MARION ISLANDS (CQZ 38) Carson, ZR6CWI and David, ZS1BCE will be QRV as **ZS8C** and **ZS8Z**, respectively, from Marion Island, IOTA AF-021, while on work assignment until April 2014. QSL via ZS1HF. **--ARRL DX**

Specil Event Stations — Continued from Page 6

JA – JAPAN (CQZ 25) Special event station **8J2KSG7X** is QRV until Oct 31 in celebration of the 70 year jubilee of the city of Kasugai. Activity is on all bands and modes. QSL via bureau.

TM-FRANCE (CQZ 14) Special event station **TMI00TF** will be QRV July 1-14 from Col des Palomieres, France in Commemoration of the 100th anniversary of the Tour de France. QSL via buro or Direct avec ETSA
- DDX

V3 – BELIZE (CQZ 7) Joe, K8JP will be QRV as V3FOC during the month of May in celebration of the 75th anniversary of the First Class CW Operators' Club. QSL via V31JP. **--ARRL DX**

DX ASIA



4X – ISREAL (CQZ 20) In celebration of the 75th anniversary of the First Class CW Operators' Club (FOC) Israeli operators 4X1FC, Daniel; 4X4DK, Ami; and 4Z4KX, Mark; will be operating special event station **4X75FOC** during the month of May. QSL via 4Z4KX. <http://www.qrz.com/db/4X75FOC> --DDX

A71 – QATAR (CQZ 21) G0MGX has received his new Qatar call sign, **A71/G0MGX**. Mark is in Qatar for two weeks at a time, with one-week breaks between. The license is good starting May 27 and his two week/one week rotation in Qatar will continue for nine months. Mark plans to do a little SSB and CW (Morse with a decoder) but mostly it will be RTTY, PSK and JT65. QSL via LoTW, direct to his home call, or via the RSGB bureau, three options. --DDX

E4 – PALESTINE (CQZ 20) The **E44PM** license of Peri, HB9IQB, has been renewed and he hopes to operate from Palestine again later this year. --DDX, **DX World.com**

T6 – AFGHANISTAN (CQZ 21) KB2RLB (ex YI9RLB), Tim, has been in Afghanistan for a while and has now received his **T6TM** call sign. Plans are to remain in country for "about another year". Plans are to be active on most bands on SSB and PSK and try RTTY. Tim has an FT-897D using a "cloverleaf

G5RV" with a Z-1 I pro tuner. QSL via KB2RLB either direct or EQSL. --DDX

T6 – AFGHANISTAN (CQZ 21) **T6DA** is the call sign for ND9Q, Doug, who is currently using an FT-857D with a maximum of 20 watts, to an end-fed dipole for 40, 20 and 10. He'll change antennas soon which will allow him to go to 100 watts on all bands. Plus, he'll add PSK31 and other digital modes when his gear for that arrives. Doug has an 80-hour work week so will not be able to schedule his operating times in advance. He expects to be there through August. QSL via ND9Q. --DDX

T6 – AFGHANISTAN (CQZ 21) Starting May 15 and running through August 2014 KB2OBQ, Jesse, plans to be in Panjwai, in the Kandahar Province, Afghanistan and QRV as **T6JP** on 1.8 through 50 MHz on SSB and CW. He will try to confirm QSOs daily on LoTW and eQSL. --DDX

T6 – AFGHANISTAN (CQZ 21) (Update/Correction). Tim, KB2RLB (ex-DA2TF and YI9RLB), is currently operating in Afghanistan as **T6TM** in Eastern Kabul on an American military compound (inside an Afghan compound). Tim says "The T6 call was received after submitting my application through the military channels here. I plan on being here for at least another year and will be working mainly Fridays between the hours of 0400 and 1300 UTC. My OP Conditions: FT-897D, Clover leaf G5RV (Working to put up some other wire), Z1 I Pro Tuner. I will be working PSK, SSB and might do some CW (if I get the nerve up since it has been a while for me)." QSL via KB2RLB. Note: Tim says he will be away on vacation sometime in June. --OPDX

UA0 - ASIATIC RUSSIA (CQZ 19) You only have a few more days (until May 21) to catch **UA0LCZ/0**, Vlado from Kamchatka in the Russian Far East. This rare area is known as the Land of Volcanoes. Look for Vlado on 80-10 CW. QSL to his home call. ---DDX

XW - LAOS (CQZ 26) A multi-national multi-operator DXpedition to Vientiane, Laos, is being planned for Sept 6 – 16. Team members 9M6DXX, 9VIYC, EA2TA, EA3NT, EA5KA, F4BKV, G3XTT and MM0NDX plan to operate five stations from 160m to 6m on CW, SSB and RTTY. A website is being produced and will be available soon. The call sign and further details will be announced later. --DX World.net

DX ARCTIC—ANTARCTIC



CQ Zone 2 - RK0BWW/P has started his operation and journey at the North Pole, and is now working his way down to Canada. He frequents 14120 and 7090 to work Europe and Canada, and 14290 and 7190 for the USA and others. The operation is SSB only, with his FT-857 to ATAS-120 auto-tune antenna. The expedition team uses two amphibious vehicles. They are two months into their trip with op Afanasiy working many stations around the world. UA6HZ/N2WW, Larry, says he likes 14120 from 1230-14Z. <http://www.yemelya.ru/> --DDX

A good antenna is ALWAYS the best amplifier in a station—F8AFC

DX NORTH, SOUTH AND CENTRAL AMERICA



FS - ST. MARTIN (CQZ 08) John, K9EL, will once again activate **FS/K9EL** in June. Operating dates this year are June 11-28. Activity will be on 80-6 meters. Daily uploads to ClubLog and LoTW are planned. John has a new QTH this year and should have a better signal to the USA on 6 meters. QSL via his home call sign. --OPDX

HH - HAITI (CQZ 08) Tom, KC0W, will be active as **HH5/KC0W** from the extreme northern tip of Haiti July 6-25. Activity will be 80-6 meters using CW only. He will use a vertical antenna placed directly over salt water. QSL only direct to his home call sign. More HH5/KC0W information will be released as July approaches. --OPDX

HI - DOMINICAN REPUBLIC (CQZ 08) Ronny, OT4R is QRV as **HI7/OT4R** from Punta Cana, IOTA NA-096, until June 1. Activity is on 20, 15 and 10 meters each day around 2000 to 2200z. QSL to home call. --ARRL DX

HQ - HONDURAS (CQZ 07) HONDURAN IOTA EXPEDITION. Dan, HM2DMR, plans to activate the following Honduran IOTA Islands between late May to July (dates depend on Navy permission: NA-223 Vivorillos (call sign **HQ8D**), NA-035 Santanilla (call sign **HQ8S**) and NA-160 Cochinos (call sign **HQ3W**). He states, "It's likely that Cochinos NA-160 will be activated first, around the period May 28-31. Call signs have been requested and currently tentative. Activity will be on 160-10 meters. For more details and updates, watch: <http://hriotas.com/> --OPDX

J3 - GRENADA (CQZ 08) (Team Members Needed). Harry, AC8G, is working with Gill, J39AL, to arrange a team for the CQWW DX SSB Contest (Oct 26-27) with time for individual DXing. Available to the team are antennas, towers, etc. for a large MULTI-MULTI contest station. About all that is needed are ops, transceivers (with accessories) and computers. Depending on team size, Gill's QTH and the local EOC would be used. Harry states, "I will send an info E-mail with more details to those interested. You can contact me several ways, <htflasher@gmail.com>, 937-434-9616 or Skype using flasher-ac8g. --OPDX

KG4 - GUANTANAMO (CQZ 8 (6M Operation) Operators Terry/K4RX (**KG4RX**), Ken/AC4TO (**KG4TO**) and Tip/N4SIA (**KG4AS**) will be active from GITMO for a 6 meter DXpedition in WW, grid FK29kv June 22nd-29th. They will use a K3 with PR6 and KPA500 into a 6M5XHG optimized 6-element yagi. There will also be some simultaneous CW HF operations on all bands. KG4RX and KG4TO will have their logs on ClubLog. QSL to their respective home call signs. --OPDX

OA - PERU (CQZ 10) Globetrotter UA4WHX, Vladimir Bykov, is in Peru and has been QRV as **OA4/UA4WHX**. He'll be there for a short while with an emphasis on 12, 17 and 30 meters RTTY. QSL via UA4WHX. See QRZ.com for details. --DDX

OX - GREENLAND (CQZ 40) Henning, OU2I/OZ1BII, will once again be active as **XP2I** from Kanger-lussuaq May 23-27. Activity will be CW only. He'll be in the CQWW WPX CW Contest (May 25-26) as a Single-Op/All-Band/Low-Power entry. QSL via OZ1BII (see <http://www.oz1bii.dk/qs1-info.htm>).

PJ2 - CURACAO (CQZ 9) ON6DX, Wim, has announced his holiday style DXpedition to Curacao, where he will be QRV June 28-July 7 as **PJ2/ON6DX**. Activity is expected on HF and 6 meters on CW, SSB and RTTY. He will be emphasizing working Asia on 15, 12 and 10 meters and 50 MHz. Wim has a Webpage at <http://dpxpedition.be/PJ2-ON6DX.html> with more details. QSL via ON6DX either direct, via the bureau, LoTW and eqsl.

V3 - BELIZE (CQZ 7) **V31ZF**, Ambergris Caye, NA-073, Belize, is an upcoming planned holiday June 12-19 for W8ERI, Jim Widlar. He will be SSB with 100 watts to a Buddipole vertical with capacitance hat. He says the rig can match to it from 80-10M. --DDX

V4 - ST KITTS (CQZ 08) (New Contest Callsign). John, W5JON/V47JA, informs OPDX that he has a new contest call sign for his vacation home in Calypso Bay, St. Kitts (NA-104, WW Loc. FK87SG). Look for him to sign **V49J** during the contests between July 9th and August 10th. His contest call sign is good until the end of the year, but he plans to renew it for two more years when he renews his **V47JA** and Cathy's, **V47HAM** for another two years this November. ALL QSLs go to W5JON direct or via LoTW. NO Bureau QSLs. --OPDX

VP8 - FALKLAND ISLANDS (CQZ-13) Andy, M0HLT, is expected to be active as **VP8DOH** possibly for 2 years. He is now based on the Falklands as an electrician. Activity will be limited between his work commitments. Operations will be SSB only and mainly on the higher HF bands, preferring 10 meters when conditions allow but will try 20 meters and above. QSL via eQSL only or LoTW.

XR0 - JUAN FERNANDEZ ISLAND (CQZ 12) The XR0ZR team has announced preparations for a multi-national DXpedition to Robinson Crusoe Island in the Juan Fernandez Archipelago (CE0Z) Nov 8-20. They will use the call sign **XR0ZR**. CE0Z is #35 on the most wanted list for all amateur radio operators and #18 on the most needed list for Digital Operations. QSL via OQRS or direct to IV3DSH. The DXpedition's website is: <http://www.juanfernandez2013.com/> --DDX

DX PACIFIC - OCEANA

3D2 – FIJI (CQZ 32) Laci, HA0NAR, will be active as **3D2AR** from Viti Levu Island (OC-016, WLOTA 0055), in the Fiji Island group, sometime in October. Laci follows that with a trip to T30, Western Kiribati, then T33A Banaba with a group Nov 6-17. Activity will probably be on all HF bands, 160-10 meters using CW, SSB and RTTY. QSL via his home call sign. For updates, watch: <http://www.ha0nar.hu/> -- **OPDX, DDX**

A3 – TONGA (CQZ 32) JA0RQV, Masato, is now QRV evenings and in his spare time as **A35JP** from Tongatapu Island (OC-049), Tonga until May 22. Masato has a Kenwood TS-570S running 100 watts into a GP on 80 through 10 Meters on CW and SSB. He has a Web page at <http://www.sato3.com/a35jp/index.html> QSL via JA0RQV either via the JARL QSL bureau or direct with one IRC or two green stamps. He will use LoTW after his return home. --**DDX, ARRL DX**



FK – NEW CALEDONIA (CQZ 32) VK6DXI, Mirek, is in New Caledonia (OC-032) and QRV as **FK/VK6DXI** mostly on weekends mainly on SSB on 40 through 10 meters, with a focus on 17, 15, 12 and 10 meters. QSL via VK6DXI --**DDX**

E5 – SOUTH COOK ISLANDS (CQZ 32) ZL2AGY, is again active as E5IAGY from Rarotonga Island (OC-013). Tony says: "I may be active with this call sign **E5I FOC** during the period May 9-29th, from Matavera, Rarotonga. This will be a holiday style operation, CW only, running my K3 barefoot. Note, I am a member of the 'First Class CW Operator's Club', which is currently celebrating its 75th anniversary during May. A QSO with an 'FOC' suffixed call will give you extra points for the award commemorating this event. See <<http://www.g4foc.org/>> for details. My 'normal' Cook Islands call is **E5IAGY**, which I may also be using. Hoping to see you on the bands....73, Tony" --**OPDX**

P29 – PAPUA NEW GUINEA (CQZ 28) Akira JA1NLX mentions he has plans to be active from "somewhere in Papua New Guinea" about 5 to 7 days in August, September or October this year. The P29VNX call sign has already been issued and expires in January 2014, so activity within that time frame. <http://www.asahi-net.or.jp/~yy7a-ysd/P29VNX-2013.htm> QSL via JA1NLX. --**DX**

XW – LAOS. (CQZ 26) Steve, 9M6DXX, informs OPDX that a multi-national, multi-operator, DXpedition to Vientiane, Laos, is planned for Sept 6-16. Team members are Steve/9M6DXX, James/9VIYC, George/EA2TA, Christian/EA3NT, Raul/EA5KA, Vincent/F4BKV, Don/G3XTT and Col/MM0NDX. They plan to operate five stations from 160-6 meters using CW, SSB and RTTY. A Web site is currently under construction and will be available soon. The call sign and more details will be announced later. --**OPDX**

DX INDIAN OCEAN



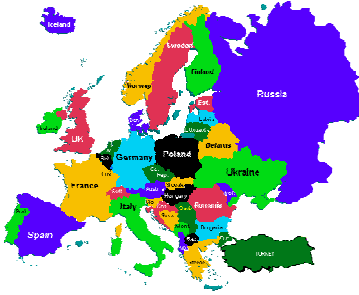
8Q – MALDIVES. (CQZ 22) Jim, G3VDB, is again active as **8Q7EJ**, but this time from Komandoo Island (AS-013) until May 26th. Activity is holiday style mainly on 20 meters using CW and SSB. QSL via his home callsign. The 2009-10-11 and 12 8Q7EJ logs are available on the Clublog Web page at <http://www.clublog.org/logsearch/8Q7EJ>

--**DDX, ARRL DX**

FR—REUNION ISLAND A 16 man team consisting of FR-licensed ops closed out the second of three scheduled operations from the UNESCO World Heritage site of the "[Peak of the Furnace](#)" volcano on Reunion Island May 12. Their next effort from Reunion will be August 3 & 4, 2013. The call sign **TOIPF** is being used on each occasion. QSL via FR1GZ.

— **DX WORLD.net**

DX EUROPE



9H – MALTA (CQZ 15) PAIFW, Floris, plans to be QRV as **9H3E** from Malta May 18-June 5. QSL via PAIFW. --DDX

9H - MALTA (CQZ 15) Operators Olaf/DL4HG and Holger/DL5XAT will once again be active as **9H3OG** and **9H3TX**, respectively, from Gozo Island (EU-023) Nov 17-25. Activity will be on the 30/17/12 meters using CW and RTTY. Operations will also include the CQWW DX CW Contest (Nov 23-24) as a Multi-2 entry using the call sign **9H3TX**. QSL 9H3OG via DL4HG, by the Bureau or direct. QSL 9H3TX via DL5XAT, by the Bureau, direct or LoTW. --OPDX

9H25 - MALTA CQZ 15) Members of the Dutch Society of Radio Amateurs (VRZA Afd. Kagerland)club station (PI4KGL) will be active as **9H25Y** from Qawra May 20-June 4 <http://members.ziggo.nl/9h25y/> - OPDX

HB0 – LIECHTENSTEIN (CQZ 14) Operators Roman/DL3TU and Uwe/DL4AAE will be active as HB0/DL3TU and HB0/DL4AAE on the second or third full weekend of September. Depending on weather, they will attempt to operate from the summit Augstenberg (2359 meters A.S.L.) using CW only on the higher bands with an emphasis on Asia. QSL via their home call signs, direct or by the Bureau. For updates and details, visit Roman's Web page at: <http://www.mydarc.de/dl3tu/> --OPDX

MJ - JERSEY. (CQZ 14) A Belgium team will be active as **MJ/OT9Z** from the "Jersey Amateur Radio Society" (JARS) Headquarter on Jersey (EU-013) Aug 2-9. Activity will be on all HF bands and 6 meters using CW, SSB, PSK and RTTY. They plan to have two stations on during the day (Not at night but late in the evening). Operators mentioned are Frederik/ON8ZL (Team Leader, CW/SSB/6m), Peter/ON8ZZ (PSK/RTTY) and Frank/ON5NQ (SSB). QSL Manager is ON8ZL. For more details, see: <http://dpxpeditionchannelislands.weebly.com/> --OPDX

OJ0 – MARKET REEF (CQZ 14) OH6VM, Harry, was unable to make his planned trip to Market Reef in April do to a two week unplanned trip to the hospital. He's better now and plans to head back to the rock where he'll be QRV as **OJ0VM** June 2-7. QSL via OH6VM. --DDX

OJ0-MARKET REEF (CQZ 14) **OJ0V** is the Market Reef call sign for a group of Belgian ops July 1-6. They plan to be on HF CW and SSB and have a lot of requests, they say, for digital modes. They plan to do that, RTTY or PSK. QSL via ON4CCP. --DDX

SV – GREECE (CQZ 20) **SV3/SM4KYN** will be QRV until June 14 *concentrating on six meter openings*. He will have a five-element beam and 300 watts, looking for essentially random E-skip, CW and SSB. Anders adds, "I will show up on KST when QRV." (ON4KST Chat Page). --DDX

SV9 – CRETE (CQZ 20) IK4ALM, Alex, and IZ4WJA, Carlo, will be operating from Crete Island (EU-015) May 20-31. Listen for **SV9/IK4ALM** on SSB and CW and **SV9/IZ4WJA** on RTTY and other digital modes on 40 through 10 meters. --DDX

SW – DODECANESE ISLANDS (CQZ 20) M5RIC plans to be QRV from Rhodes Island, Dodecanese Islands using the call **SW5CC** October 23 – 31. This includes operation in the CQ World Wide SSB DX Contest. Rich has a Webpage at <http://m5ric.co.uk/sw5cc-october-2013/>

— PIRATE OPERATION —

There has recently been some pirate activity from someone using the HV3SJ call sign. One of the former ops, OA4SS/W9SI, Ed Schmidt, from Lima, Peru, says the HV3SJ license was canceled in 2002, so there have been no valid HV3SJ options since then. -- DDX

**Work the DX that IS today because you can't work the DX that WAS...
 And the DX that WILL BE hasn't arrived yet — W2IRT**

May 2013 DX Calendar (Edited from <http://www.ng3k.com/Misc/adxo.html>)

Dates		Entity	Call Sign	QSL via	Source	Details
2013 May01	2013 May31	Mauritania	5T1FOC	ON8RA Buro	VA3RJ 20130411	By 5T0JL; SES for 75th anniversary of the The First Class CW Operators' Club
2013 May03	2013 May19	Egypt	SU8N		OPDX 20130225	By SU1SK SU1AO SU1HM SU1AR fm Geziret Disuqi (AF-109, Nelson's Island); HF
2013 May03	2013 May30	Faroe Is	OW75FOC	OY1CT	OPDX 20130506	By OY1CT; 75th Anniversary of First Class CW Operators' Club; HF
2013 May05	2013 May22	Tonga	A35JP	LotW	OPDX 20130408	By JA0RQV fm Tongatapu I (OC-049); 80-10m; CW SSB; 100w; ground plane; QSL also OK via JA0RQV, Buro or direct: Masato Tamura, 891-4 Tomitake Nagano-city 381-0006 Japan (w/ SASE + 1 IRC)
2013 May08	2013 May15	Austral Is	FO/a	JJ8DEN	DXW.Net 20130426	By JJ8DEN as FO/KH0PR fm Raivavae I (OC-114); CW RTTY PSK; exact dates uncertain
2013 May09	2013 May18	Madeira	CT9	DL3FD	VA3RJ 20130509	By DL3FD as CT9/DL3FD fm Canico de Baixo (AF-014, DIP MA-001, PIP MD-001, WLOTA 0053); 40-10m; SSB; QSL OK via DARC Buro or direct
2013 May09	2013 May29	South Cook Is	E51AGY	ZL2AGY	VA3RJ 20130322	By ZL2AGY fm Rarotonga I (OC-013), possibly also using E51FOC; CW
2013 May10	2013 May20	Dodecanese	SX5KL	LotW	VA3RJ 20130502	By SV1GE SV1JG SV1ME SV1RC SV1RP SV2BFN SV2FWV SV8GKE SV1GRM fm Kalolimnos Islet (EU-001, GIOTA DKS-048, MIA MGD-011, ARLHS ARLHS DOD-030, GRE-076, WLOTA 0662, KM37mb); 160-6m; CW SSB RTTY; QSL also OK via SV2FWV, Buro or direct
2013 May11	2013 May18	Malta	9H3ZU	F4CZU	VA3RJ 20130509	By F4CZU fm Gozo I (EU-023, MIA MM-004, WLOTA 0046); 40-10m; QSL OK via REF Buro or direct
2013 May12	2013 May20	Madeira	CT9	Home Call	425DXN 20130413	By IW2NXD as CT9/IW2NXD and IK2ZJR as CT9/IK2ZJR fm AF-014; SSB CW PSK31; QSL via ARI Buro preferred
2013 May13	2013 May20	Crete	SV9	Home Call	VA3RJ 20130509	By IK4ALM as SV9/IK4ALM (SSB CW) and IZ4WJA as SV9/IZ4WJA fm EU-015 (GIOTA KRS-005, MIA MGC-005, WLOTA 1400); QSL OK via ARI Buro or direct
2013 May13	2013 May26	Maldives	8Q7EJ	LotW	VA3RJ 20130411	By G3VDB fm Komandoo I (AS-013); 20m, check 14020-14025 and 14212 kHz; CW, perhaps SSB; QSL also OK via G3VDB
2013 May13	2013 May30	Senegal	6V7S	RK4FF Direct	DXW.Net 20130124	By RK4FF; HF
2013 May15	2013 May28	Cyprus	5B4ALB	RT9T	RT9T 20130415	By RT9T
2013 May15	2013 Jun15	Afghanistan	T6JP		DXW.Net 20130418	By KB2OBQ fm Kandahar Province; 160-6m; SSB CW; operation expected to continue until August 2014
2013 May15	2013 Jun15	Marion I	ZS8	See Notes	DXW.Net 20130418	By ZR6CWI as ZS8C and ZS1BCE as ZS8C; 40-10m; SSB + digital; operation expected to continue until April 2014; see QSL info on qrz.com
2013 May16	2013 Jun11	Turks & Caicos	VP5		425DXN 20130511	By W5CW as VP5/W5CW fm Caicos I (NA-002); 160-6m; CW SSB
2013 May20	2013 Jun04	Malta	9H25Y	PI4KGL	425DXN 20130504	By PA team; 80-6m; CW SSB PSK JT65
2013 May23	2013 May27	Greenland	XP2I	LotW	OZ1BII 20130425	By OZ1BII fm Kangerlussuaq (GP47pa); CW only; QRV for CQ WPX CW contest
2013 May24	2013 May30	Jersey	MJ	ON4ANN	ON4ANN 20130213	By ON team as MJ/ON6NB; 160-2m; SSB CW PSK; QSL OK via ON Buro or direct

[CQ WW WPX Contest, CW](#) (May 25-26, 2013) Check here for pre-contest activity too.

June – Oct 2013 DX Calendar (Edited from <http://www.ng3k.com/Misc/adxo.html>)

Dates		Entity	Call Sign	QSL via	Source	Details
2013 Jun01	2013 Jun07	Fiji	3D2WN	AA2WN	DXW.Net 20130426	By AA2WN fm Viti Levu I (OC-016, WLOTA 0055); HF; holiday style operation
2013 Jun03	2013 Jun20	Cape Verde Is	D44TWO	M0OX O	DXW.Net 20130420	By DF2WO; HF; holiday style operation
2013 Jun08	2013 Jun15	Bahamas	C6ATT	Home Call	K2TTT 20120920	By K2TTT fm New Providence I (NA-001, WLOTA 1115, FL15hb); also N2RFA (C6ABB), K2KJI (C6ALC), KC4PX (C6APX); 80-10m; SSB RTTY SSTV PSK31 JT65; QRV for ARRL June VHF QSO Party
2013 Jun11	2013 Jun28	St Martin	FS	LotW	DXW.Net 20130507	By K9EL as FS/K9EL; 80-6m
2013 Jun14	2013 Jun28	Br Virgin Is	VP2V	W9DR	W9DR 20130212	By W9DR as VP2V/W9DR fm Anegada I (FK78tr); 6m; SSB; CW beacon on 50115.6 kHz
2013 Jun22	2013 Jun29	Guantanamo Bay	KG4	Home Call	K4RX 20130424	By K4RX as KG4RX, AC4TO as KG4TO, N4SIA as KG4AS fm FK29kv; HF; CW; KG4RX + KG4TO QSOs will go to Clublog
2013 Jun28	2013 Jul07	Curacao	PJ2	LotW	ON6DX 20130418	By ON6DX as PJ2/ON6DX; focus on 6m + 15 12 10m for JA and Asia; QSL also OK via ON6DX, Buro or direct
2013 Jun30	2013 Jul05	Luxembourg	LX	ON6ZV	ON6OM 20130228	By ON6ZV ON6OM ON7EG ON4MW as LX/OO6P; HF; SSB RTTY PSK31 PSK63
2013 Jul01	2013 Jul06	Market Reef	OJ0V	ON8VP	OPDX 20121211	By ON5JT ON6QO ON4CCP ON4LEM ON8VP fm EU-053 (ARLHS MAR-001, WLOTA 0542); HF; CW SSB
2013 Jul01	2013 Jul16	Senegal	6V7S	RK4FF Direct	DXW.Net 20130124	By RK4FF; HF
2013 Jul06	2013 Jul16	St Pierre & Miquelon	FP	LotW	KV1J 20130221	By KV1J as FP/KV1J fm NA-032; 160-6m; SSB CW RTTY PSK31; QRV for IARU HF Contest; QSL also OK via KV1J direct
2013 Jul06	2013 Jul25	Haiti	HH5	KC0W Direct	KC0W 20130511	By KC0W as HH5/KC0W; 160-6m; CW; verticals over salt water
2013 Jul09	2013 Aug10	St Kitts & Nevis	V47JA	LotW	W5JON 20130328	By W5JON; 160-6m, incl 60m; SSB + digital; dipoles, vertical, 6m yagi; QRV for RSGB IOTA Contest
RSGB IOTA Contest (Jul 27-28, 2013) Check here for pre-contest activity too.						
2013 Aug02	2013 Aug09	Jersey	GJ	ON8ZL	VA3RJ 20130411	By ON8ZZ as MJ/ON8ZZ, ON8ZL and ON5NQ likewise; fm La Moye (IN89ve); 160-6m; SSB CW PSK RTTY; QSL OK via Buro or direct
2013 Aug03	2013 Aug04	Reunion	TO1PF	FR1GZ	OPDX 20130211	By FR team fm Piton de la Fournaise (AF-016, DIFO FR-001, WWFF FFF-011, WLOTA 1812) at 2,632 meters; HF; all modes
2013 Aug16	2013 Aug20	Greenland	OX5YL	PA5YL	DXW.Net 20130211	By JR3MVF HL1KDW LA6RHA WA0WOF SM6KAT fm Kangerlussuaq; 160-6m
2013 Aug21	2013 Aug26	Malta	9H3	LotW	KE1B 20130418	By KE1B as 9H3MMM and W6NN as 9H3NN fm Gozo I; 40-10m; all modes; 100w; Buddipoles; holiday style operation
2013 Sep06	2013 Sep16	Laos	XW	TBA	DXW.Net 20130412	By 9M6DXX 9V1YC EA2TA EA3NT EA5KA F4BKV G3XTT MM0NDX as TBA; 160-6m; CW SSB RTTY
2013 Sep22	2013 Sep29	Lord Howe I	VK9LL	LotW	VK2CCC 20130107	By VK9LL; 160 80m; QSL also OK via VK2CCC, Buro or direct; spare time operation
2013 Oct01	2013 Oct11	Sable I	CY0P	TBA	WA4DAN 20130324	By VE1RGB WA4DAN; 160-10m; CW SSB RTTY
2013 Oct01	2013 Oct30	Wake I	K9W	LotW	WW1ME 20130302	By N2TU et al; exact dates TBD; QSL also OK via ClubLog OQRS (preferred) or AA4NN, Buro or direct
2013 Oct01	2013 Nov30	Juan Fernandez	XR0ZR	TBA	XR0ZR 20130405	By team; QRV for 12 days within this period
2013 Oct22	2013 Nov27	Senegal	6V7S	RK4FF Direct	DXW.Net 20130124	By RK4FF; HF
CQ WW DX Contest, SSB (Oct 26-27, 2013) Check here for pre-ontest activity too.						
2013 Oct28	2013 Nov10	Grenada	J3	OE2SN L	OE2ATN 20130311	By OE2ATN OE2SNL as TBD; SSB RTTY CW; 200w; QSL OK via OE Buro or direct

A Comparison of Penetrating Oils — *Mike Parnin, N4EPD*



Several years back *Machinist's Workshop Magazine* published information on various penetrating oils and their properties that I found very interesting. Portions of the article were posted on an antique machinery forum on the internet and the discussion that followed centered on what best to use to free up a frozen or rusted part.



Mike N4EPD

What follows is a summary of the article that I posted on the NFDXA news site in the belief that fellow club members would appreciate and could use the information.

The magazine article states its staff performed tests on a number of penetrating oils and related products to see which one did the best job of removing a rusted bolt by measuring the pounds of torque required to loosen the bolt once treated. Take note: If the study was scientifically accurate, it turns out a 'home brew' mixture works best! (See * below)

The results are summarized in the following table which displays a list of all the popular penetrates tested with the control being the amount of torque required to remove the nut from a "scientifically rusted" environment.

Penetrating Oils Average Torque Load to Loosen

No Oil used	516 pounds
WD-40	238 pounds
PB Blaster	214 pounds
Liquid Wrench	127 pounds
Kano Kroil	106 pounds
*ATF-Acetone mix.....	53 pounds

The ATF-Acetone mix is a "home brew" mix of 50 - 50 automatic transmission fluid and acetone. Note this "home brew" released bolts better than any commercial product in this one particular test.

Our local machinist group mixed up a batch and we all now use it with equally good results. Note also that "Liquid Wrench" is almost as good as "Kroil" for about 20% of the price.

Steve from Godwin-Singer says that ATF-Acetone mix is best, but you can also use ATF and lacquer thinner in a 50-50 mix. *ATF=Automatic Transmission Fluid

Technical Web Site of the Week

So why did that 787 Dreamliner battery catch on fire, anyway? And what changes were made to recertify the battery? Here's an *Electronic Design* article about the whole affair. You might also find the Electropaedia website on batteries and energy references useful, too! (Thanks, Rich KZ9K) <http://www.arrl.org/contest-update-issues?issue=2013-05-08>



NFDXA 2013 DX Zone/Band contest.

Between 1 February, 2013 and 31 December, 2013 work as many CQ zones as you can, on 160 through 10 meters, any mode. There are 360 possible points (40 zones by 9 bands).

There are two categories, (1) Stations using a beam and wire antennas, and (2) stations using only verticals and wires. The winner in each of the two categories gets a free meal at a meeting, \$25.00 maximum. You must declare which category you're entering *before* logging any QSOs. Another meal (\$25.00) will be furnished to anyone who works all 40 zones on a single band. The tie-breaker on the 40 zone on one band category will be the most zones on a single band, then next highest number, etc.

To delete a contact, uncheck it on your log page and click the "Log it" button.

If you use the "back" button of your browser to go from the log page to the summary page, you'll need to refresh the summary page before results show up.

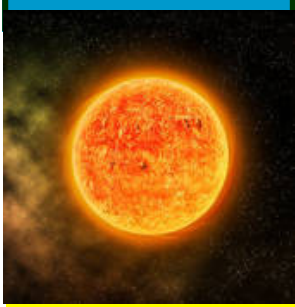
Worked All Zones

Interest in the CQ Magazine WAZ award has increased among NFDXA club members because of the ongoing intra-club DX Zone contest.

LoTW presently will not work for WAZ credits. Supposedly both ARRL and CQ authorities are working on this.

However, eQSL.cc will work for WAZ award confirmation credits *provided* you have AG status. This is easily acquired by e-mailing a scanned copy of your ticket to WAZ authorities.

You can check the CQ zones and what countries are in each zone at:
<http://www4.plala.or.jp/nomrax/CQ/index.html>



Could 2013-14 be the true peak? <http://www.radio-sport.net/contesters-see-the->

NFDXA Zone Contest Standings 14 May 2013



Call	Beam/Wire	Vertical/Wire	Score
AB4UF			0
AC4ET			0
K3LB	B		210
K4EB	B		53
K4UTE	B		296
KB4CRT			0
KC4FWS	B		1
KX4WW			0
NIWON		V	0
N4EPD		V	2
N4GFO			0
N4JBK			0
N4KE			0
N4UF	B		0
NF4L	B		63
NO4J			0
NU4Y		V	114
NW4C		V	27
VP5YZ			0
W1FO	B		104
W4FDA			0
W4GJ			0
WA4B			0
WA6EZV		V	163
WR4K		V	181

"The meek may inherit the earth, but never a good run frequency." - Unknown

How many of us are there?



G7VJR, Michael Wells, the author of Club Log, has an interesting look at the question: "How many DXers are there in the world?" He did an analysis on Club Log to try and tackle this ever-vexing question! —DDX

<http://g7vjr.org/2013/04/how-many-dxers-are-there-in-the-world/>

BBC PRESENTS PROGRAM ON CHINESE JAMMING

The BBC World Service program **Over To You** has presented a 10-minute segment within its broadcast program that explores the way that the stations shortwave transmissions are being affected by jamming in parts of Asia. This is the result of an e-mail from a listener in West Bengal who was having problems listening to the service.



With the help of the World Service's head of business development, the show discovers how jamming of its shortwave transmissions inside China is spilling over into neighboring countries. It also explores what the BBC can do to remedy the situation through various international organizations. You can hear the program on-line at tinyurl.com/bbc-against-jamming. <http://www.bbc.co.uk/programmes/p015tb9c> — *Southgate, BBC*

ODDS & ENDS

"Woodpeckers" Back on Ham Bands



Over-the-horizon radar, whose rat-a-tat sounding signals got them dubbed "woodpeckers" back during the Cold War, appear to be back on the ham bands. *AR Newsline* reports that the International Amateur Radio Union's Region 1 Monitoring System has discovered two such systems in operation - one on 80 meters (from 3,555-3,590 kHz and 3,750-3,785 kHz) that it says has been traced to Russia, and another on the 10-meter band that seems to be originating from Iran.

The same report says the Russian Radio Society has been asked to help deal with the 80-meter interference and that Germany's Department of Post and Telecommunications has sent an official complaint about the 10-meter signals to its counterpart in Iran. —*CQ News*

LoTW Review Report Due in July

The ARRL LoTW Review Committee formed last January has been split into three sub-groups to study and report on: 1) current Logbook costs and resources; 2) technical review of Logbook reliability and scalability; and 3) development of support scenarios and requirements. The committee will report its findings to the full ARRL Board at its next meeting in July. —*ARRL, Various*



Eliminating RFI — A Tech Tip

Wire antennas can be used as solar dryers, thus trading the loss caused by RFI from an electric dryer to a form of attenuation known technically as the trouser drop. That actually accentuates moon bouncing. — 73, Mike NF4L



Credit for much the DX news, illustrations and information contained in this publication goes to a variety of sources including, but not limited to the following:

The Daily DX (DDX)

(<http://www.dailydx.com>),

Ohio-Penn DX Bulletin

(OPDX) ([http://](http://www.papays.com/opdx.html)

www.papays.com/opdx.html),

DX World of Ham Radio

(DXW) ([http://www.dx-](http://www.dx-world.net/)

[world.net/](http://www.dx-world.net/)),

425 DX News (425 DXN)

(<http://www.425dxn.org/>)

NG3K Amateur Radio

Contest/DX Page (NG3K)

(<http://www.ng3k.com/>),

The DX Magazine (DXM)

(<http://www.dxpub.com/>),

DX Coffee (DXC)

<http://www.dxcffee.com/eng/>

DARC DXNL (DXNL)

(<http://www.dxf.darc.de/>),

Pete's DX Newsdesk

(PDXN) ([http://www.dx-](http://www.dx-newsdesk.co.uk/)

[newsdesk.co.uk/](http://www.dx-newsdesk.co.uk/)),

ARRL (ARRL DX)

(<http://www.arrl.org>),

Finally, Off-air and word of mouth from those who turned on their radios, listened, and then told *The PileUp* what they heard. — **NW4C**

It's the Law!

The more we communicate, the faster misunderstandings propagate - OH2TK

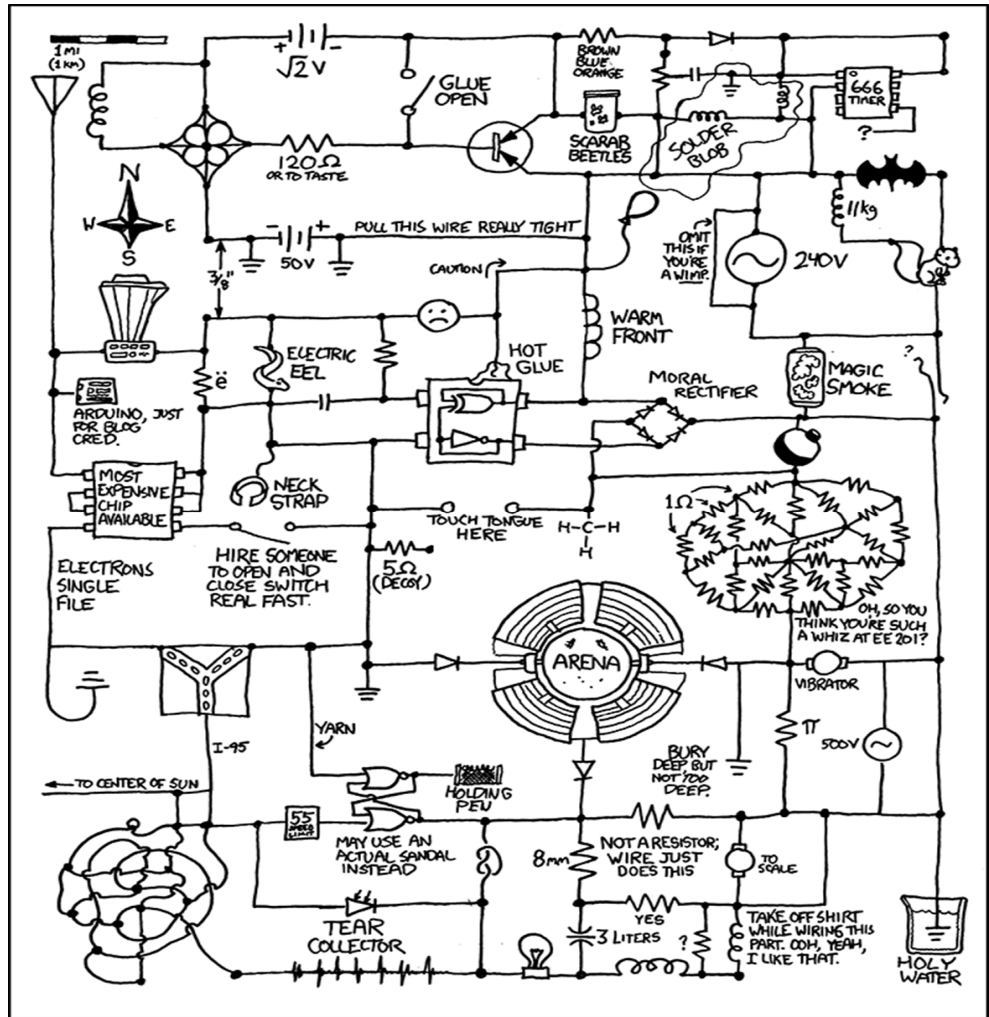
"I do not think that the wireless waves I have discovered will have any practical application"
- Heinrich Rudolf Hertz.

PileUp

The Monthly Newsletter of The North Florida DX Association

Editor
Warren Croke, NW4C
4092 NW 23 Circle
Gainesville, FL 32605
USA

Ah ... So that's how it works.



<http://nfdxa.com>

The Last Word

It's been a quiet month ham-radio-wise at the NW4C QTH and I can't blame it on poor conditions. A ravenous squirrel appears to have chewed through the Teflon line that supported my 45-foot high 40-10m Carolina Windom dipole.

Freed from its tall pine tether the off-center-fed array came down in a tangled mass of wire, coax, current baluns and what was left of its support line. Unlike big aluminum directional arrays my little dipole and its associated components appear none the worse for its fall. Hopefully, I'll get it back to its customary tree-top position before the condo association notices it's down. The folks who gave me the OK to put it up some years back are 'no longer with us' and their replacements may not be as appreciative of Ham Radio as their predecessors.

Hopefully the good conditions of late will still be around. Just look at the latest results in the club's DX-Zone contest and you can see the bands have been smoking and I want to share in some of that fun. At the least I want to hear your tales of DX-daring-do at our meeting May 18.

Take care and may the good DX be yours – NW4C



Warren NW4C

