



The North Florida DX Association

# PileUp

The NFDXA Monthly Newsletter



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American Legion Post 202

The next NFDXA meeting will be 5 pm at the American Legion Post #202, 7441 SR 21 Keystone Heights 32656 on Sept 17. Menu will be catered with Ribs, Pulled Pork, the fixings and a cheap cash bar. From the junction of SR 21 & SR 100 in Keystone, go north on SR 21 to the Legion Hall a 1/4 mile up on the right. Please RSVP ASAP.



Volume 8 Number 2

September 2016

<http://nfdxa.com/>

## The Road to Working Them All - Part 1

—Brian Alsop K3KO—



Warren asked me to put together a write-up on "Working Them All" for the *PileUp*.

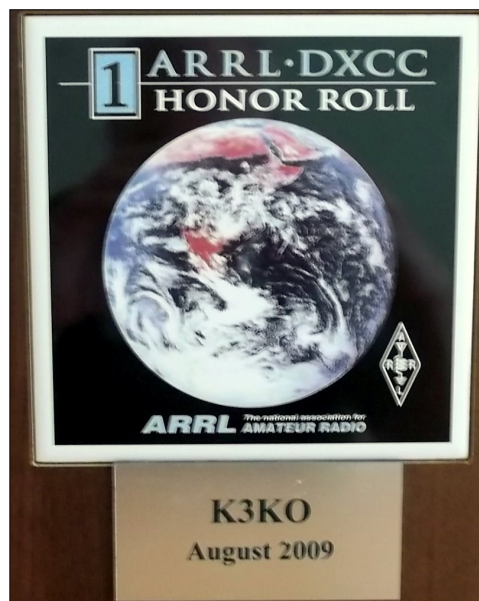
For good or bad, here it is.

There must be a reason to try. My reason started back in 1960. It started when I was answered by a WH6 station in Hawaii

on 40M CW. Wow! All that distance on 75 watts. Then 15M was also open. A couple more DX on 15M and the bug bit. The infection has lasted 56 years. The magic of tiny bits of RF generated by your station being detected on the other side of the world is still there.

That infection had to be held in remission for many years. College, marriage, kids and several moves got in the way of station building and DXing.

(Continued on page 6)



You can buy a counterfeit version for about \$80. Chances are it will end up in the trash after you're a SK. - K3KO

## 2016 NF4L Memorial Award goes to KM4OME



W4GJ Photo

W. T. Loften high school (Gainesville) student Kelly Opalko, KM4OME has been named recipient of the inaugural NF4L Memorial Award.

The 16-year-junior was selected because he was the first Loften student to obtain a HAM license and is shown being congratulated by school principal William McElroy

Kelly holds a Technician Class license and is a member of the Loften high school Ham Radio club, K4WTL. The club's founder and principle advisor is NFDXA member Bob Lightner, W4GJ, a faculty member at Loften high.

(Continued on page 9)

The Deserving will work the DX. All others will call in vain...



## NFDXA OFFICERS 2015

The North Florida DX Association, Inc. is a group of Amateur Radio Operators located in north Florida and south Georgia whose interests are primarily Contests and DXing. NFDXA typically meets on the 3rd Saturday of the month at a location selected by a meeting organizer. Visitors are always welcome. Officers elected for the calendar year 2015 are:

### President

Mike Garcia, W1FO [mike6t7@cfl.rr.com](mailto:mike6t7@cfl.rr.com)

### Vice President

Warren Croke, NW4C [nw4c@cox.net](mailto:nw4c@cox.net)

### Acting Secretary

Richard Hicks, K4UTE [k4ute@comcast.net](mailto:k4ute@comcast.net)

### Treasurer

Jim Hughes, KC4FWS [kc4fws@comcast.net](mailto:kc4fws@comcast.net)

### Executive Committee

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

### NFDXA **PileUp** Newsletter

Warren Croke, NW4C [nw4c@nfdxa.com](mailto:nw4c@nfdxa.com) or [nw4c@cox.net](mailto:nw4c@cox.net)

Send **PileUp** stories, and photographs to [nw4c@cox.net](mailto:nw4c@cox.net)

## Meeting Attendance August 20, 2016

Jay Garlitz	AA4FL	Y	Joe Barnes	N4JBK	Y
Steve Brown	AB4UF	Y	Ron Blake	N4KE	Y
John Hale	AC4ET	N	Dale Conner	N4NN	N
Larry Bostic	K3LB	Y	Victor Moore	N4QK	N
Larry Junstrom	K4EB	N	Billy Williams	N4UF	N
Dick Hicks	K4UTE	Y	Dave Mains	NO4J	Y
John Silberman	KB4CRT	N	Jim Iori	NU4Y	Y
Jim Hughes	KC4FWS	Y	Warren Croke	NW4C	Y
David Smith	KI4DLS	N	Walter Cox	VP5YZ	N
William Walker	KX4WW	N	Mike Garcia	W1FO	Y
Cory McDonald	NIWON	N	Bob Lightner	W4GJ	Y
Greg Wilson	N4CC	N	Steve Barber	WA4B	Y
Mike Parnin	N4EPD	Y	Dick Knox	WR4K	N

**Total Members Attending 14 Guests 4**

### Notice to NFDXA Membership

Keep your records up to date. All NFDXA members are requested to go to the club web site and check their entry on the on the NFDXA Roster page. If any changes in address, e-mail or other information are needed please notify NFDXA Acting Secretary Dick Hicks, [K4UTE@comcast.net](mailto:k4ute@comcast.net).



## President's Message - Mike Garcia, W1FO

Hello NFDXA Members. It was great seeing such a good turnout at last month's meeting. I hope we continue to see so many of our members attending. As I mentioned at the meeting, Officer Elections are right around the corner. I have reached out to Mike N4EPD and Steve AB4UF to head up the Search Committee for new Officers. So, don't be surprised if you receive a phone call or email soliciting your participation. So, step up, volunteer and help lead our group into the next year.



Mike, W1FO



On the DX front, I don't have to mention to any of you that the bands have been less than optimum. I have noticed that Larry, K3LB's morning propagation reports have slowed a bit. I thought it may have been Larry keeping all the good DX for himself but at last it was because there has been nothing to report.

So what to do when things get slow? Normally at this point in my letter I would mention the amplifier I am working on but, no, that's not what I am working on. Ok, that's a lie, I am working on a new six meter amp but let's put that on hold for now. I have decided to shift gears and work on building a new mobile station.

That's right, I am going mobile. I have attached a picture of my new Hi Q 4/160 antenna mounted on my RAV 4. I have been documenting the build and hope to write a bit more detailed article about the build at a later date. My goal is to operate 10 – 160 with 500 watts from an ALS-500M amplifier. You didn't really think I would be operating barefoot did you? Well guys that's it for now. Hope to see everyone at the meeting,

— 73, Mike W1FO

## Secretary's Report



Meeting was called to order at 6:50 pm by President **Mike Garcia, W1FO**.

**Treasurers Report:** There was no call for Treasury report or minutes of last meeting. Treasurer **Jim KC4FWS** had \$50 receipt for a **NFDXA** donation to Hospice for Mike.

The president formed a search committee of **AB4UF** and **N4EPD** to explore candidates for club officers for the election in November. **Dick K4UTE** will be assuming the job of Secretary until elections.

**K4UTE** will work with **NO4J** and **AA4FL** to obtain user name and password for control of Club Web Site.

Everyone appreciated the re-activation of the Pile Up by **Warren NW4C** and the memorial to **Mike NF4L**.

Warren will have an article by **Brian K3KO** in the September issue.

**Bob W4GJ** showed a copy of the NF4L Memorial plaque that will be awarded to a member of the **K4WTL** high school station.

Bob request a bmp of club logo and a picture of NF4L operating his station.

By unanimous vote the club decided it will pay \$127 for the plaque. Bob will give each recipient \$100.

**VP5DX** team will be joined by **Jay AA4FL**. **AB4UF** says preparations are going well and they will spend two weeks plus on the island.

**Member/Guests present:** **AB4UF**, **K3LB**, **KC4FWS**, **N4EPD**, **N4JBK**, **NU4Y**, **NW4C**, **AA4FL** and wife **Randy**; **K4UTE** and his wife **Louise**; **N4KE** and guest **NO4J**; **W1FO** his wife **Jackie**; **W4GJ** and guest **John WA5OCT**; and **WA4B**

Next meeting will be held **September 17**. Warren drew **N4KE** as host for this meeting.

The meeting adjourned at 7:20 pm.

— Respectfully Submitted: **Richard Hicks, K4UTE, Interim Secretary**





## Snapshots from the August 20 meeting at the Athens Cafe



— Photos by NW4C and WA4B

As usual the monthly gathering was as much about catching up with each other as well as a good meal. Pictured are: 1) VP5DX Veterans Mike N4EPD, Steve AB4UF and Dick K4UTE; 2) At the head table Jim NU4Y, Mike W1FO and Dr. Jay AA4FL; 3) Guest John WA5OCT and Bob W4GJ; 4) Looking down the table on the left are Steve WA4B, John WA5OCT, Bob W4GJ, Mike N4EPD and Steve AB4UF pointing toward Jim KC4FCW in the middle; 5) Joe N4JBK and Ron N4KE; 6) Dave NO4J; 7) Dick K4UTE and Larry K3LB; 8) Warren NW4C; 9) The XYLS chat it up: Randy (AA4FL), Jackie (W1FO) and Louise (K4UTE); 10) Mike N4EPD; 11) Mike W1FO and Steve WA4B; 12) Jim NU4Y, Mike W1FO, Dr. Jay AA4FL, Dave NO4J, Joe N4JBK and Ron N4KE; 13) Jim KC4FWS

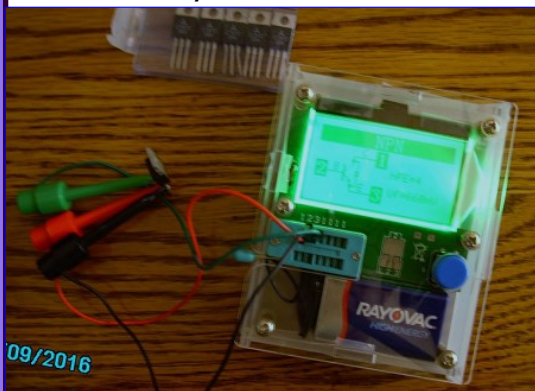
## The World According to NU4Y

A lot of noise on the internet and elsewhere talk about how terrible a vertical antenna is. In my largely uneducated theory I will attempt to describe my antenna and how I made it work. The vertical is only  $\frac{1}{2}$  of the antenna. The return path is through the ground. Be it the real ground or ground radials.

Commercial AM broadcast stations normally use 120 or so radials buried in the ground. This would be very expensive for amateur radio use, not to mention back breaking. I remember hearing a group talking on 160 meters and one asked, "How many radials do I really need on this vertical." Someone quipped "You bury 120 radials and pull them up 1 at a time until the performance drops off, that's how many you really need."

My 40 meter vertical is very simple, a 33 foot vertical elevated base about 2 feet off the ground. There is a ground rod buried at the base about 6 feet down. The center of the coax is on the vertical section and the shield is connected to the ground rod. In this configuration the resonant frequency comes in around 6.394 MHZ. On 40 meters it is terrible. With 4 radials cut approximately 36 feet each the resonant freq. with the wires on the ground, the resonant freq. moves to 7.270 with the lowest X at 1.2 and the Z is 152 ohms. This will need more radials to work. But wait, elevating the same 4 radials (they are 90 degrees to each other) to about 3 feet above the ground, X drops to .2 at 7.072 MHZ. and Z is 34.6 ohms. A perfect vertical should be about 36 ohms. In this configuration the antenna works great.

Yes, if I added more elevated radials and actually tuned them I could get it perfect. But who cares at this point. 120 radials would be about 4,000 feet of wire. I have about 130 feet of wire for the 4 radials. I have tried 8 radials and I don't have the exact measurements anymore, but did not notice any difference. It probably made the pattern better. There is a lot going on here, but the final answer is, this works, is easy and it doesn't take a rocket scientist to install.



On another note, I was repairing a radio with bad driver transistors. The parts were 2SC1972. I have replaced these before in another brand. I ordered 6 from China. In the mean time I had purchased a component checker. Boy that was lucky. When I got the parts and tested before installing, I found the HFE on all the 6 new transistors were all under 9, normal would be at least 40 to 50. I then remembered that there were probably a couple still laying around here from a previous repair. They measured an HFE of 80 on my new checker. They were installed and worked perfectly.

The unit I bought is at <http://www.ebay.com/itm/321963237498>.

I bought the case at <http://www.ebay.com/itm/172304372693>. Total for both were \$20.

Works great, needed to cut out part of the top of the pcb to get the case to fit correctly, but the unit will measure transistors, caps, diodes and inductors (within limits). Saved my bacon.

Getting ready for our VP5 trip. Will fill in details next month.

— 73, Jim



Jim NU4Y



## Working them all - Continued from page 1

In the late 80's, it became possible to have a decent station. Then another bug bit. You've worked 200 countries, 300 might be possible. It took to 1997 to get to the 300 mark. Unfortunately, that bug mutated into one which dictated: "You have to work them all". So it's not a rational pursuit, it's a disease. It took to 2009 to get there. Along the way came CW, PHONE and RTTY Honor Roll. The bug mutated again and again. What about 5 Band DXCC? Then 10 Band DXCC.. Then VUCC. Now it's trying to reach the 3000 level in the ARRL Challenge award.

The road is long. It took me 49 years. It's highly competitive. It is also a matter of some luck. The last few you may need probably haven't been active for 30 years. One(s) you need may never appear. So it ends up being a lifetime pursuit with some chance of failure. The last few worked were: VU7, KH8/Swain's Island, VU4, VP8 South Sandwich, VP6 Duchie Island and P5 North Korea.

The game can change enroute. Just when you've worked them all and are ready to submit an application, a new country appears and you have to work that too. KH8 Swains Island and VP6/D were two of those for me. Staying on Top of the HR has the same problem.

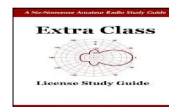
One thing that will positively help –live long. Prosper doesn't hurt either.

There is no best road to take. Everyone's road will be different. Below are some tips and commentary that may help. Sorry they are essentially unordered and the format stinks.

The biggest tip: **DON'T EVER GIVE UP**

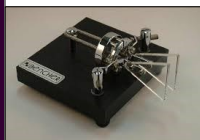
### Amateur Extra License

You won't be among the frustrated Generals hoping the DXpedition will listen in the General Band.



### CW, CW speed and Sending

You improve your chances of working rare ones (particularly DXpeditions) if you come proficient in CW. No code readers, they don't help in the chaos.. Being able to copy 20 -30 WPM will help significantly. BEING ABLE TO SEND YOUR CALL AND 5NN FLAWLESSLY at these speeds helps too. It frustrates everyone to hear a guy trying to send his call and making mistake after mistake. A wrong call in the DX's log won't help you. There are other reasons for using CW. See discussion of SKIMMER.



### A Decent Receiver and Filters

DXing tests the capabilities of receivers and their operator. One obviously needs adequate sensitivity. That's not enough. One doesn't want a receiver that folds when a bunch of strong signals appear. You have to be able to hear your call in the din. That means adequate selectivity. Sherwood has a list ranking the various receivers on their ability to withstand the din. See: <http://www.sherweng.com/table.html>. For filters, I ended up with 200 and 400 Hz filters on CW and a 1.8 KHz filter for SSB. The SSB filter isn't high fidelity. One doesn't need fidelity, only the ability to hear your call.

Learn how to use your receiver. The new generation of DSP receivers are a bit different. It used to be that one just cranked up the RF gain to max, selected no attenuators and then rode the AF gain. DSP based receivers work best on weak signals with noise reduced to low levels. Then signals seem to pop out of the noise. This means using receiver attenuators – especially on 160-40M.



AGC settings can really screw up or help copy. Find those on your receiver that work for each mode. For me a slow AGC is absolutely necessary for RTTY. Some receivers have adjustable AGC parameters. Know what you're doing when tweaking them. Write down the default values somewhere! Most of today's receivers have nearly 100 dB of dynamic range. Using AGC is necessary to prevent blowing your ears out. Some receivers have audio limiters. They are a good idea even with AGC selected. Old receivers used to just saturate and spared your ears.

### Use Earphones

Your throwing away at least 10 dB in signal/noise ratio by using speakers. Hearing aids and earphones are problematic. There are some earphones that are more hearing aid friendly. Many of today's receivers have a built in audio equalizers and lots of audio output. By adjusting the receivers audio equalizers, one can approximate hearing aid benefits and not have to use a hearing aid. Other members of the household will appreciate your use of earphones – especially at 3 AM.



## Working them all - Continued from page 6

### WFWL

Work First, Worry Later. If you hear a station that is supposedly a pirate, work them anyhow. You may end up working a legit one. Right now there are a bunch of YI pirates. At least one YI station is legit. I won't get into Romeo's P5 and his other operations here.

### Ability to work all HF bands

Propagation varies greatly from band to band. It goes from zero to useful. Being able to work all bands (especially the WARC bands) improves ones chances of working a needed station somewhere.

### Work all Modes

DX often shows up on your non-favorite mode. Being able to snag them improves your totals. One example. My first P5 contact was on RTTY. He was operating reverse shift and at a higher than normal baud rate. Being able to figure this out and set the station up to match his parameters made the contact possible.

### DX Cluster

Having Internet DX spots, filtered so that ones you need and sound an alarm is of great help. Being able to click on a spot and send the rig there is a big help. It also helps to look back with SH/DX to see bands and frequencies the stations of interest are working, who they are working at what times.

### Logging program with computer control of rig

Pulls date, time, mode into the log. Automatic bookkeeping. Eliminates copy errors. LOTW submittal easy. Life is good.

### Hit Lists

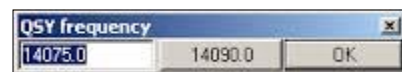
Know what you need. Review DX announcements for when operations will happen. Don't schedule a vacation for the next P5 operation. Hit lists generation is easy/automatic with today's logging programs.

### Work Contests

The best equipped DX stations and operators show up during contests. They rapidly work down the pileups so that later in the contest even QRP stations can work them. Have some program available that alarms the ones you need.

### Instant QSX

A rare one was just spotted. Pileups grow by the second. Having the ability to jump from band to band and mode to mode in an instant gives you an edge. It means having automatic antenna selection, autotune amplifiers and tuners. ICOM transceivers have a flaw here. Their band data output to switch antennas does not produce unique outputs for all HF bands. 15/17 M and 12/10M have the same output codes. This is crazy since most people will have entirely different antennas for WARC and non-WARC bands. They got stuck in the rut many years ago and even the newest and most expensive ICOM's still suffer.



### Split



Few rare ones don't operate split these days. Be able to quickly go to split and identify the stations being worked. Some rigs make this a pain. My K3 was one of them. Fortunately I also bought the subrx. With a macro key, going into split with up 1, up 5 etc is a single press. The main RX stays on the DX station, the subrx frequency is where transmit occurs. Tuning the subrx allows one to identify the stations being worked and have the transmit VFO track. There is an even better way for CW to identify the station being worked— see section on SKIMMER. BTW having a subrx is a huge benefit for working DX and pileups.

### Panadapter

Panadapters can visually display of the spectrum of stations calling the DX. One can often identify the last station being worked via the blips. The downside is that so many people are using them, you're at a competitive disadvantage not having one. It is also impacting DXpedition operation. They no longer can listen on a single split frequency for very long. After one or two QSO's, the panadapter mob has found that frequency. Mayhem results. DXpeditions are now often tuning up/down/around after one QSO. Having a panadapter allows one to determine what listening pattern (if any) the DX operator is using.



### SKIMMER

SKIMMER is a program that SIMULTANEOUSLY decodes hundreds of CW stations over a 24 KHz swath of spectrum. It can display a bandmap of calls or a sorted list of calls and send that information to your logging program in the form of "cluster" spots. The \$75 program can be obtained here: <http://www.dxatlas.com/cwskimmer/>

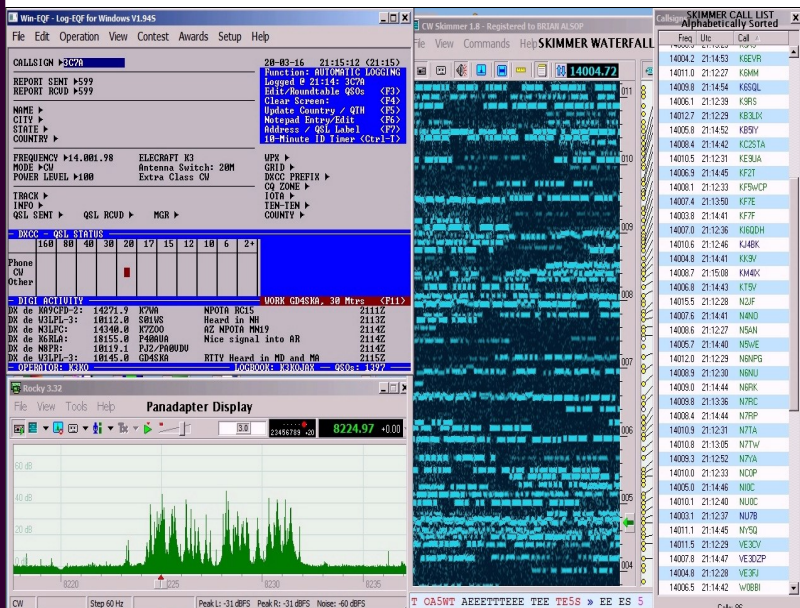


(Continued on page 8)

**The definition of "rare" is one that neither you nor any of your friends have.**

## Working Them All ... Continued

One way SKIMMER works is via a Software Defined Receiver attached to your receiver IF. A significant number of receivers have an IF output jack. Digitized information about the spectrum is sent to a sound card which SKIMMER decodes. The attached figure shows an example of SKIMMER output for a recent 3C Dxpediton. Finding the frequency of the station last worked in the pileup is a real problem. Tuning and trying to find them manually is often quite difficult. If the stations being worked can be heard at your station, it becomes a simple matter of locating them on either a band map or alphabetized listing of SKIMMER decoded stations. It gets better. Properly configured, a mouse click on the last station can put your transmit VFO on that frequency. One can then tweak that frequency based upon the



observed DX stations tuning method.

Some SKIMMER output examples.

This is for a 3C7A pileup on 20 M. The lower left shows the panadapter display of the pileup. The SKIMMER waterfall shows a portion of the SKIMMER decode window.

On the right side is an alphabetically sorted list of the SKIMMER decoded calls.

To use this: Listen to who the DX last worked.

- 1) Click on the call of that station.
- 2) This puts the rig's transmit VFO on that frequency.

- 3) Tweak the VFO frequency using the waterfall "holes" and operators listing pattern.
- 4) Call

Below is a portion of the SKIMMER output for a KIN pileup. Good luck in finding the last station worked manually by tuning. This illustrates the power of SKIMMER in trying to crack a pileup. Note how close the calling stations are to each other. SKIMMER seems to have no problem with extremely close spaced CW signals.

The above discussion refers to one's personal SKIMMER, not the Internet variety. Your personal SKIMMER only produces spots for stations that you're actually hearing. This is a real plus. Besides Dxpediton operations, SKIMMER is quite useful for locating new ones in CW contests. In fact, properly set up, SKIMMER can act like a second op for everyday use. Mine sits on the subrx, scanning the band for DX, while I operate the main receiver. Spots appear in the logging program as the "robot" op finds DX.

By the way SKIMMER is the best CW decoder around. It uses statistical analysis of the entire transmission to get the call right. I've seen it decode signals with a 1 dB Signal/Noise ratio. My ears generally need a 6 -10 dB S/N ratio.

### QSK

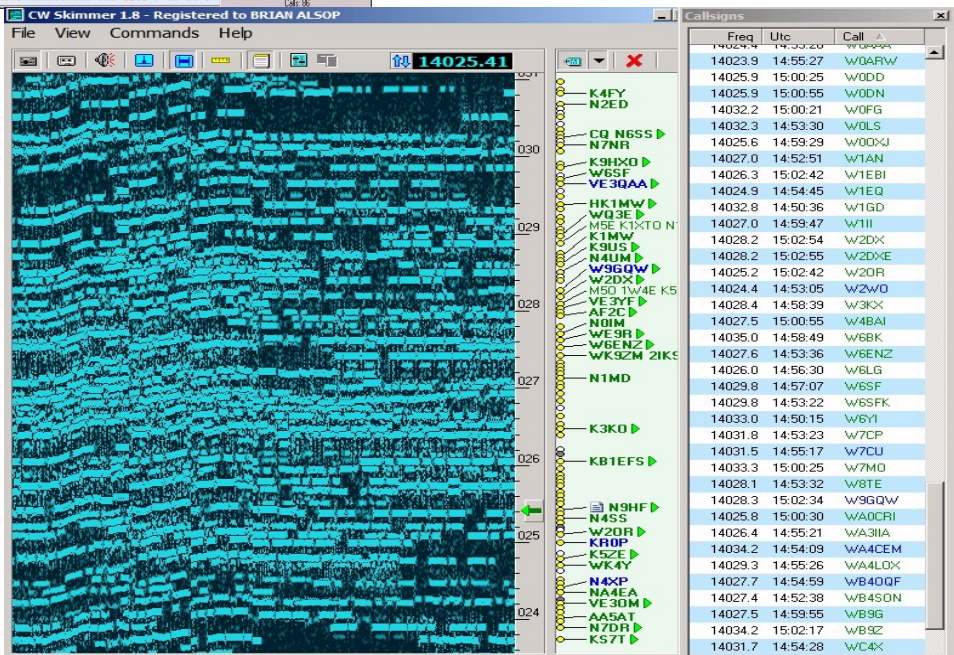
Having the ability to hear the DX station between your CW dots and dashes helps tremendously. You can hear that

he came back to another station (or even you!) and cease transmitting. Also you can time your calls much better. You won't be transmitting when you should be listening. Timing is crucial in pileups.

### TURN UP THE MONITOR VOLUME

It will make you feel louder and make you more aggressive. Really. — Brian Alsop K3KO

This concludes Part 1. The series "The Road to Working Them All" will resume next month with Part 2 and will cover a wide range of topics ranging from pile-up techniques to propagation. — Editor





## Inaugural NF4L Memorial Award *Continued from page 1*

Kelly's interest in Amateur Radio is 'home grown', so to speak, as his father, Francis, is W3OUG.

Kelly is interested in Emergency and First Responder Communications and currently operates on Gainesville area 2-Meter repeaters using his Baofeng handi-talkie.

According to Lofton ham club advisor W4GJ, Kelly is a "Wednesday morning regular" before classes begin in the K4WTL ham shack studying to upgrade his Technician license and is planning to take his General Class examination shortly. Kelly may have been the first Lofton student to get a license but he could have lots of company soon. On Sept 24 there will be a day-long Tech class followed by a license exam as part of the University of Florida's Tech Day.

**Kelly P. Opalko  
KM4OME**



## Radio Astronomy featured at Alachua Astronomy Club

The general public is invited to a special presentation on Amateur Radio Astronomy Tuesday, Sept 13 at the Florida Museum of Natural History on the campus of the University of Florida in Gainesville. The invited speaker is Dr. David Typinski.

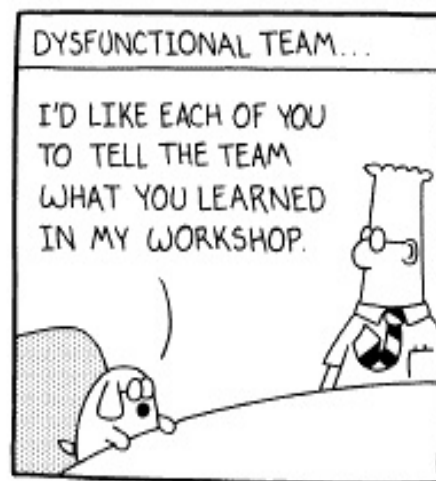
Dr. Typinski's talk will present an introductory overview of radio astronomy and will be followed by discussion of observation projects accessible to the amateur.

The topics to be covered include, but are not limited to, measuring the Doppler shift of the hydrogen line to make a galactic rotation curve, using distant terrestrial radio transmitter signals to perform meteor detection, and using radio spectrographs to observe and characterize Solar and Jovian burst emission.

The Florida State Museum of Natural History is located at 3215 Hull Rd, Gainesville, FL 32611



## The Team Concept



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**Propagation forecasts are horoscopes with numbers — Anonymous**

## CE0X DXpedition Declared Phony by Chilean Officials



The first activation of rare CE0X San Felix Island in 14 years has apparently been canceled amid allegations the DXpedition was phony and may even have been a fund-raising scam! The Chilean Navy says documents CE5WQO claims authorized him to operate from San Felix are false and legal action has been initiated. Chilean Radio Club president CE3PG and others met recently with the Admiral in charge of the Chilean naval facility on San Felix and released the following statement in Spanish on the Radio Club de Chile. -



<http://www.ce3aa.cl/component/content/article/11629-isla-san-felix-dxpedition>. What follows is a Google translation of the Chilean Radio Club's announcement with emphasis added.

"On September 6, 2016, Radio Club of Chile, represented by its President Dr. Galdino Besomi (CE3PG)

"Vice President and Don Jose Tijoux, have held a meeting with Admiral Don Arturo Undurraga Contra Chief of the First Naval Zone, whose outcome can inform the Amateur Radio community Chilean and foreign interested in the expedition to Isla San Felix that has been advertised in DX various sites and news and led by Mr. Felipe Gutierrez, CE5WQO, for which would have been extended authorization of landing on the island showing off documents that accredits:

1. That the Navy of Chile considers that such documents are false
2. The Navy has initiated legal action in this regard

**"It is therefore evident that the advertised DXpedition is false and that besides the alleged widespread authorization by SUBTEL for this purpose and circulating in different media it would also be false."**

At this writing the CE0X DXpedition organizer CE5WQO has not responded to e-mails requesting more information. In addition all details pertaining to the announced operation have been removed from the [www.qrz.com/db/CE0X/CE5WQO](http://www.qrz.com/db/CE0X/CE5WQO) page.

Recently, Felipe posted that Dima, RA9USU, would be joining him as the CW operator and that he planned to activate San Felix sometime with a three-man crew in 2017 for up to 3 weeks

San Felix currently is ranked No. 12 on Club Log's most wanted list.

— Various sources including DX Coffee, DDX

## DXpedition News



### T6—AFGHANISTAN (CQZ 21)

A new operation is expected to be heard from shortly from T6 Afghanistan. KL5X, aka HB9DOD, Tom, who is with the Royal Dutch Army, has been deployed for six months to Mazar e Sharif, Afghanistan with operation "Resolute Support." He has filed his ham radio application and hopes to get his license within 2-3 months. He has a goal to operate mainly CW, PSK31 and RTTY modes, with concentration on 40 meter digital modes and CW starting about December first and going to January 18. He will announce when his application is approved. — OPDX



### T31 – CENTRAL KIRIBATI (CQZ 31)

The Perseverance DX Group (pdxg.net) is on schedule for next year's DXpedition to Central Kiribati (Kanton Island). **We are planning 15 days on the island during October 2017.** Joining the team is Chris Tate, N6WM. Team members previously named are: Arnie N6HC, Kevin K6TD, Heye DJ9RR, Pista HA5AO, Laci HA0NAR, Gene K5GS, Les W2LK, Glenn KE4KY, Mike WA6O, Ricardo PY2PT and Steve W1SRD. The expedition yacht Evohe from Dunedin, New Zealand will meet the team in Apia, Samoa for the estimated 4 day sail to Kanton Island. The landing permit application is currently being reviewed by the authorities. T31 is #18 most wanted on ClubLog. However, the need in EU is significant for all modes.

Getting a team to T31 requires a safe boat and qualified skipper/crew, this DXpedition will not be inexpensive. The team is committed to paying 50% of the cost and we look to the DX community to help with the remaining 50%. The Donate function at [www.T31W.com](http://www.T31W.com) is now available for your use. Please direct questions to Gene K5GS or Pista HA5AO at their QRZ.com address." T31, Team T31W — DX COFFEE



## DXpedition News

### VK9/L - LORD HOWE ISLAND (CQZ 30)

**VK9LX** is the call sign requested (still not confirmed) for Lord Howe Island by WISRD, Steve, for an operation in the **October 1-7** timeframe, with flights and lodging both booked. Steve will have a K3 to KPA500, "so I will be running the legal limit for Australia." He says the antennas are still the big question mark. He is considering a CrankIR plus wires. "Maybe a light-weight beam," he says. His hotel is "not on the water." Steve will focus on 80, 40 and 20, "maybe 160 depending on antenna decisions." He prefers you get your confirmation on LoTW.

Or QSL direct with SASE or SAE plus postage, to WISRD. He does not encourage bureau cards and will reply "very, very, very, very slowly." He will not be using Club Log. Steve also plans to be in the Oceania DX SSB Contest Oct 1-2. --DDX



### J6 - ST. LUCIA (CQZ 08)

WT4BT, Mac, updates us on the American team heading to St. Lucia, who will be staying at the Chateau Devaux in Cap Estate in early November. The team includes N7BF, Joe; AA4OC, Bill; WT4MT, Mac; W6ABM, Ev; AK5SD, Scott; and NX8G, Rex; who will be **QRV as J68KF, J68OC, J68MT, J68ABM, J6/ AK5SD and J6/NX8G** respectively. They will be there from **November 4-12** and plan to operate holiday style, including possible portable operations from "beaches and hilltops". They'll be running FT-857D's and KX3's both QRP and 100 watts into Buddipoles, end-feds and wires. Activity will be on 3.5 through 28 MHz on SSB and Digital modes. **QSL details for each station will be listed on their respective QRZ.com pages.** If possible they will upload their logs daily to both Club Log and LoTW, "otherwise after return stateside" says Mac. —DDX



### 3Y/B - BOUVET (CQZ 08)

**3Y0X** Bouvet Island, plans continue to evolve, with the DXpedition website now up, <http://www.bouvetdx.org/>. Bouvet is now the #2 most needed DXCC entity. The plan is to be on all bands with effective gear and antennas. The stay on the island may be as long as three weeks, "weather permitting," from what is called "the most remote island on Earth." Tens of thousands of QSOs are expected. "That is our #1 goal, consistent with the safety of the operating team," they say. With the website up, the fundraising program has officially begun. Operators will pay half of their costs, with the rest, they hope, coming from donations. PayPal, credit card and personal checks will be accepted. K0IR, K4UEE and LA6VM are leading the operation. — Various



### TL - CENTRAL AFRICAN REPUBLIC (CQZ 36)

LA7GIA, Ken, plans a DXpedition to the Central African Republic, call sign **TL8AO**, for **November 10-22**. He has gotten authorization for the callsign and has gotten his LoTW certificate. It will be single op from Bangui. TL is ranked 50 in the world, mixed and 19 on CW. He will mainly operate on 80-15 and "if possible 10M as well." He will take along an Elecraft K3 and TS480SAT as backup, to an ALS 500 amp, 400 watts output. For antennas, it's a 2-element for 20, 15, and 10, 20 meters off the ground, a wire dipole on 80, 40 and 30, with an all band vertical and wires as backups. He will not work 160. <http://la7gia.com/tl8ao/index.html>. There is a humanitarian aid fund in conjunction with the operation. Any donations received will go to "Doctors Without Borders" in the Central African Republic. They have been working in the country since 1997. — OPDX, DDX



## Special Event Operations



**9M – MALAYSIA (CQZ 28) 9M59**, (East/West). Members of Malaysian Amateur Radio Transmitter Society (MARTS) are now active with 14 special event stations (**starting with 9M59MA to 9M59MY**) on the air **until Sept 16**. To encourage ham operators to participate in this event, MARTS will be issuing a special award certificates. Activity will be on all amateur HF bands including the WARC bands using CW, SSB and the Digital modes. Repeater, satellite, eQSO, Echolink or other relay methods are NOT permitted. Awards are: Golden Award -- 10 (ten) station with 9M59Mx can be contacted; Silver Award -- 7 (seven) station with 9M59Mx can be contacted. -- **OPDX**

**BV – TAIWAN (CQZ 24) BV0BSN** will be the Taiwan JOTA/JOTI Scouts Station QRV for the Jamboree On The Air (JOTA) from **October 15-18**. Activity will be on HF and 6 Meters on SSB, CW, RTTY and JT65. -- **DDX**

**KL7 – ALASKA (CQZ 01)** (Special Event). Shanley, KL5AJK, President of the South Peninsula Amateur Radio Club (SPARC) in Homer, Alaska, announced that SPARC will be hosting their 2nd annual "North America's Most Westerly Contiguous Highway Point" located in Anchor Point, Alaska. **The event starts on Saturday, Sept 24th, at 19:00 UTC, and ends Monday, Sept 26th, at 0:400 UTC**. Their club will be portable at the Halibut Campground in Anchor Point. They will be running 100 watts and using dipole antennas. Their suggested frequencies are 14249, 21349, 18149 and 28349 kHz, or close to these frequencies as possible and if conditions allow. If they have digital operators set up, they will be on 14070 and

18100 kHz. They do not have any CW ops in their club. They are a small club but will try to work as many contacts as conditions allow. Visit their club's Web site at <[www.KL7HOM.org](http://www.KL7HOM.org)> for more information, QSL info, updates or changes. They are listed in September's QST under special events. You can E-mail Shanley at <[KL5AJKALASKA@gmail.com](mailto:KL5AJKALASKA@gmail.com)> or leave comments there. She also states, "We hope to have people spot us on DX Summit and other spotting networks, so if you hear us please give us a spot! We will have our dipoles pointing down to the lower 48 and in Alaska at the fall equinox it is the best time of the year for DX propagation, that is if the solar flares will give us a break that weekend. Fingers crossed for good band conditions and no SNOW!!!" -- **OPDX**

**VU – INDIA (CQZ 22) AT1BKC** is a special event station now QRV **until November 25** in conjunction with "Hamfest India 2016." Members of the Mount Abu International Ham Radio Club in Rajasthan will be operating. QSL via VU2BK. <http://hfi2016.mhrc.in/> -- **DDX**

**I – ITALY (CQZ 15)** In memory of the devastating earthquake that took place in Friuli there are 40 special code I13TF (Terremoto del Friuli) will be active **4 to 22 Sept**. QSL via IV3IUM. -- **Les Nouvelles DX**

**LZ – BULGARIA (CQZ 20)** The Bulgarian Radio Club Blagovestnik (LZ1KCP) continues to honour the memory of Bulgarian Saints during September with the call **LZ304MED**. QSL via bureau, LZ1KCP. <http://www.lz1kcp.com/> -- **DXNL**

**OY- FAROE ISLANDS (CQZ 14)** Philippe ON4ACP (CW), Erik ON4ANN (SSB), Erik ON4CCV (SSB), Cédric ON4CKM (SSB), André ON4DTO (SSB / digi), Paul ON5PDV (SSB / digi) and Rudi ON6MI (SSB) will be **OY/ON6NB** from the Faroe Islands **15- 21 Sept**. They will be active in SSB, CW, RTTY and PSK 80 to 6m. QSL via M0URX. More than Details: <http://users.telenet.be/on4ann/OY/>

**SV5 – DODECANESE (CQZ 20)** Claudio HB9OAU will **SV5/** from Karpatos island (IOTA EU001) **9 - 22 Sept**. He will be active in SSB from 40 to 10m. QSL via bureau or direct HB9OAU. Details of <http://www.hb9oau.ch> **Les Nouvelles DX**

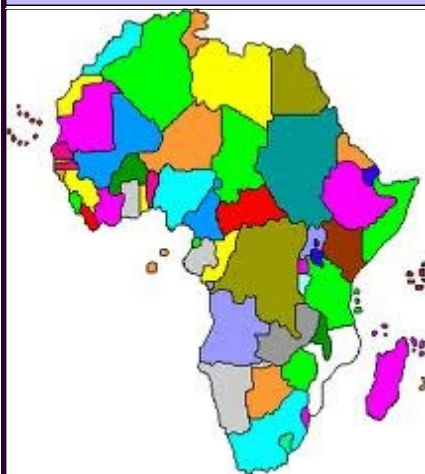
**T7 - SAN MARIO (CQZ 15)** (Three Tower Award). The Amateur Radio Association of the Republic of San Marino is happy to announce a special activity from the Three Towers of San Marino, a group of towers located on the three peaks of Monte Titano in the capital, they are depicted on both the national flag and coat of arms. This activation that will be held under the patronage of the Ministry of Territory and Environment and the Ministry of Tourism and Sport, will take place in conjunction with a civil protection exercise on September 17th and 18th for 24 hours. The Three Towers Award is issued in two categories. The Three Towers Award (Standard) is issued to an amateur radio station submitting proof of contact with all the 3 towers on 2 bands. The Three Towers Award Honor Roll is issued to an amateur radio station submitting proof of contact with all the three towers on three bands. The stations will be active on only 15, 20 and 40 meters. Three stations will be activated by the member and supporter of ARRSM from Guaita, First Tower **T71A**; Cesta, Second Tower **T71B** and Montale, Third Tower **T71C**.

For more details check the ARRSM website at <http://www.arrsm.org> -- **OPDX**

**The definition of "extremely rare" is one that you have and none of your friends have.**



## DX AFRICA



**5H – TANZANIA (CQZ 37)** Chas NK8O says "I will be operating as available from Children's Hospital, Zinga, (as **5H3DX**) **20 Oct - 12 Nov**. We had a tragic loss of a staff member so I may be indisposed at times, but I hope to operate some CW at least daily. Times will vary with availability. Antennas should include elevated verticals and a hexbeam if I have time to get it up on a proper pole. I will also try to put up a doublet for lower bands if possible this year." -- **DX Coffee, OPDX**

**5H – TANZANIA (CQZ 37)** Yan, RZ3FW and Sergei, R4WAA will be active from Zanzibar Island AF-032 as **5HIWW Nov 19-28**. QRV on 160-10 CW, SSB, RTTY & Digi. Participation in the CQ WW DX CW Contest. QSL via RZ3FW, OQRS/Club Log. -- **DXW, DDX**

**5U – NIGER (CQZ 35)** Yves F5PRU is currently active from Niger for next few months as **5U7RK**. Operate on HF bands in CW, SSB using Kenwood TS-50 HF transceiver with dipole antenna. QSL via home call, LOTW, eQSL, ClubLog OQRS. -- **DX Coffee, DXN, DDX**

**5X – UGANDA (CQZ 37)** DL3YM, Professor Dr. Andreas Gissel, returns to Uganda on business **Sept 20 and will stay there until Oct 1**. He has successfully renewed his **5X8B** license. He flies from Frankfurt to Entebbe via Dubai, taking along a TS-480 and homebrew vertical dipole with an open wire feedline. Andy hopes to operate some in his free hours, **100%**

**CW**. He has gotten information that he might be invited to set up his QTH on the campus of Nkumba University, in which case he may be able to introduce ham radio to the students and might make a few SSB QSOs in addition to CW, to demo ham radio to the students. He figures a CW pileup might be a little confusing! He prefers confirming QSOs via LoTW and paper confirmations will automatically be sent via the bureau, with no need to respond. For those who can't wait direct requests can be made to DL3YM with SAE and sufficient postage. -- **DDX**

**5Z – KENYA (CQZ 37)** Franz, DC4CQ, is currently active as **5Z4/DC4CQ** near Migori. The length of his stay is unknown. Activity has been basically on 20/15 meters SSB. QSL via his home call sign --**OPDX**.

**5Z – KENYA (CQZ 37)** Bruno IW5BBV will be **5Z4I** in Kenya **Sept 24- Oct 10**. He will be active on 40, 20, 17 and 15m. QSL via bureau or direct IW5BBV. -- **Les Nouvelles DX**

**5Z – KENYA (CQZ 37)** Kenya - DL2RMC, Tom, has closed down his HZ1FI operations from Saudi Arabia as some 35,000 QSOs. Starting October 1st he'll be working the next three years in Kenya and plans to be QRV as **5Z4/DL2RMC**. -- **DDX**

**6W – SENEGAL (CQZ 35)** Charles, KG4KCT, is now active as **6W4AA** from Dahra Djoloff. The length of his stay is unknown, but he is there working. He states that he will be using "a FT-450D into a DXCC dipole at about 40 feet". QSL via his home call sign direct. --**OPDX**

**7P LESOTHO (CQZ 38)** Gordon K7TRB says he'll be in Maseru, Lesotho **Sept and Oct** as **7P8VA**. He says he plans to operate 50% SSB and 50% PSK 3I on 80-10m (possibly 6m) and experiment with other digital modes." QSL via home call. -- **DX Coffee, OPDX**

**7P – LESOTHO (CQZ 38)** HA5AO, Pista, is heading to Lesotho for the "primary purpose" to "deliver humanitarian aid and support to an orphanage" during the second half of October. This is his third trip to 7P "supplying clothing, shoes and school supplies to the children. While not at the orphanage he may be QRV as **7P8AO** mostly on CW on 3.5 through 50 MHz **Oct 15 - 29**. He'll be posting his logs and OQRS at [www.ha5ao.com](http://www.ha5ao.com). QSL via HA5AO. -- **DDX, OPDX**

**7X – ALGERIA (CQZ 33)** Members of the "Algerian Amateur Radio Union" will be active from Cape lighthouse Sigli (ALG016) **15 - 19 Sept** with the special call sign **7Y9SE**. The club will be active from five lighthouses in the next coming months. For more information go to <http://www.qrz.com/db/7X5ARU> --**Les Nouvelles DX, OPDX**

**9G – GHANA (CQZ 35)** **9G5AM**, Ghana, will be a small expedition by S54W, S57L and S59ZZ, **Oct 19-26**. They will be on 80-10, "maybe even on 160 meters," from a QTH in Langma, Kokrobitey near Accra. QSL via S59ZZ, or through OQRS. There will be no LoTW initially, "maybe later." [www.qrz.com/db/9g5am](http://www.qrz.com/db/9g5am). **9G5AM** will be 100 watts to verticals and wires, CW, SSB and digital modes. -- **DDX**

**9X – RWANDA (CQZ 36)** Jim, KB1ZSQ will be active from Kigali, Rwanda as **9X0JW** until late December 2017. QRV on 80-10m SSB & Digi. QSL via eQSL. -- **DXW**

hexbeam 15 feet above his rooftop, a 40M vertical for early morning operation. He says he likes 20, 17 and 15 during the day and is SSB only. He says it's a DX holiday for he and his wife, with no outside financial help, a way to give back to the hobby. He is 80 years old and this is his 8th ham trip to southern Africa and he went to Palau once too. He is still working as a medical doctor. He notes his wife, Joan, always goes along, "I could not get out of the airport without her." -- **DDX** (DX AFRICA continued on page 14)

**Moral of the story.. Stay out of the middle of the pile. Someone needs to be there.. just don't be one of them : -) N6WM**

## DX Africa — Continued from page 13

**C9 – MOZAMBIQUE (CQZ 37)** Johannes, PD0JBH, is currently active from Maputo as **C91PA** and is staying in the country until **March 2017**. QRV mostly on 40 and 20m on SSB. QSL info is being announced in QSO. Logs will be uploaded to LoTW as well. – **DXNL, Les Nouvelles DX**

**C9 – MOZAMBIQUE (CQZ 37) C8IAK** is the Mozambique call sign for WB6OJB, Arnold. He says he likes to operate daily from when the (high) bands open until they die at about 10:30 PM local time. His operation goes **until the morning of Sept 9**. He asks that you only work him once per band. QSL via WB6OJB, no bureau or eQSLs, and include 2-3 USD to pay for the postage and cards. His QTH is in Belene and he has taken along an IC-7300, Com 600S amplifier running 500 watts, a hexbeam 15 feet above his rooftop, a 40M vertical for early morning operation. He says he likes 20, 17 and 15 during the day and is SSB only. He says it's a DX holiday for he and his wife, with no outside financial help, a way to give back to the hobby. He is 80 years old and this is his 8th ham trip to southern Africa and he went to Palau once too. He is still working as a medical doctor. He notes his wife, Joan, always goes along, "I could not get out of the airport without her." – **DDX**

**CR3/CT9, MADEIRA ISLANDS (CQZ 33)** Operators Dieter/DK4QT, Thomas/DL6TK, Kalle/DM3BJ and possibly others will be active as **CT9/home call** from Santana, Madeira Island (AF-014) **Sep 19-28**. Activity will be on 80-10 meters using CW, SSB and RTTY. They plan to be an entry in the CQWW DX RTTY Contest (September 24-25th) signing CR3W. QSL CR3W via DL5AXX. QSL all others via their home call signs. – **OPDX**

**D4 – CAPE VERDE ISLAND (CQZ 35)** Once again DK8FA, Ralf, will be QRV as **D44TUJ** from Boa Vista Island (AF-086). The dates are Sept 15-29, mainly on the digital modes on 20 meters. QSL via DK8FA either direct or via the DARC bureau. No LoTW or eQSL. – **DDX**

**J2 – DJIBOUTI (CQZ 37)** FITMY, Jean-Philippe, is in Djibouti and plans to active as **J28PJ**. "I'll be active from Djibouti, starting **Sept 1**, (for) 3 (perhaps 5) years. Jean's setup will consist of an inverted L for 160m, Spiderbeam, 5 band Yagi, a 5 element Tonna 50 MHz Yagi, G5RV and an ATAS 120 for mobile and /MM activity. – **DDX, DX Coffee**

**S9 - SAO TOME (CQZ 36)** Josep and Nuria EA3BT EA3WL will be **S9BT** and **S9WL** respectively from Sao Tome **26 Sept to 1 Oct**. They will be active from 40 to 6m mainly SSB with some CW and RTTY. QSLs via EA3BT. – **Les Nouvelles DX**

**SU – EGYPT (CQZ 34) SU9EA or SU9JG** will be the call of EA7TN, Nacho, who has been in Cairo since 2014 and will be there until at least mid-2017. It took two years but he finally got his license. Nacho expects to be **QRV in mid-September**, when he returns to Cairo after summer holidays back home in Spain. Nacho says the situation will not be very good, with his gear confiscated by Egyptian Customs; he will be using his backup IC-718, to a vertical and dipoles. When he operates will depend on his job and family obligations but he will try to at least be in the larger contests and give out the Egypt multiplier, "mainly CW on 10-40 meters." – **DDX**

**TZ – MALI (CQZ 35)** F5IXR, Laurent, is back in Mali **until February, 2017**, using the call sign **TZ5XR**. He bought an IC-7300 while on holiday in France. He will now try operating on 160 and 6 as well as the usual bands in between. He also got a new Heil PRO 7 headset to help him do some SSB operating. QSL via F5MXH. – **DDX**

## DX INDIAN OCEAN

**3B8 – MAURITIUS (CQZ 39) (6m Operation)** You have a couple of days to catch Bernie, ZS4TX, who will be active as **3B8TX** from the northwest coast of Mauritius [LG89sx] Sept 16-19th, as part of a short visit to the island and a 6m EME DXpedition. The call sign **3B8TX** was allocated by ICTA. Bernie states, "Mauritius is not rare in Europe on 6m. **My operation will favor NA/SA moonrise and ZL/VK moonset**. Please send me an E-mail for any special time/skeds that may not be covered in the proposed time frames. I will also be running a beacon during the daytime looking for possible Tropo openings towards Africa. Equipment: IC-7100 and 6M8GJ. QSL via LoTW (preferred) or direct to his home call sign – **OPDX**

**8Q – MALDIVES (CQZ-22)** Haru, JA1XGI, will be active as **8Q7XG** from Maldiv Islands (AS-013) **some-time in October**. He states, "The period is not fixed and will be **the middle of the month** depending on my official work." Activity will probably be on 160-10 meters, including the 30/17/12m bands, using mainly CW with some RTTY, JT65 and PSK. Equipment is an IC-7300 into two different verticals. QSL via JA1XGI, direct, by the Bureau or LoTW. – **OPDX**

**FR - REUNION ISLAND (CQZ 39)** Heye, DJ9RR, is now active as **FR/DJ9RR** from Reunion Island (AF-016). **The length of his stay is unknown**. Activity has been on 10 meters SSB. QSL via his home call sign. – **OPDX**

**FR – REUNION (CQZ 39)** Jean F6BVV will **FR/F6BVV until 23 September**. Jean will be active in his spare time especially on 14045 and 21045. – **Les Nouvelles DX**

**S7- SEYCHELLES (CQZ 39)** Kasimir DL2SBY will be **S79KB** from the Seychelles in the following manner: from **24 Sept to 8 Oct** will be active from Mahe and Praslin Island, and from Eden Island **2 - 8 Oct**. Both islands make up AF024 at IOTA. Atif will be 40 to 10m in CW, SSB and RTTY. QSL via DL2SBY. – **Les Nouvelles DX, DXW**





## DX NORTH, CENTRAL and SOUTH AMERICA

**CARIBBEAN TRIP (CQZ 08)** - Gab, HA3JB, will be active as **T42CH** from Habana - Wajay, Cuba, (NA-015) **Sept 20-25**, and as **HI3/HA3JB** from Dominican Republic (NA-122) sometime between **Sept 25 and Oct 1**. Activity will be on 160-10 meters. QSL via his home call sign. -- **OPDX**

**3E - PANAMA (CQZ 07)** Members of the Radio Club of Panama will activate 3EIL from the Miraflores Lighthouse (PAN 030) at the Miraflores Locks, Panama Canal Pacific Entrance, during the 2016 International Lighthouse/ Lightship (ILLW) **Aug 20-21**. QSL via HP1RCP direct. NO Bureau or eQSL. --**OPDX**

**8P - BARBADOS (CQZ 08)** **8P9IF** from Barbados will be G3PJT, Bob, when he reactivates that old call sign of his for the British Commonwealth Contest next spring, **March 11-12 2017**. His QTH will be on the east side of Barbados. -- **DDX**

**8P - BARBADOS (CQZ 08)** JH4CES, Hideaki, and JH4IFF, Mitsumasa, will be in Christ Church **Nov 3-9** and QRV holiday style as **8P9JH** and **8P9IP** respectively. Activity will be on CW, SSB and RTTY on 3.5 through 28 MHz. They plan to participate in the International Police Association Radio Club Contest, taking place over the November 5/6 weekend. QSL direct only to JH4IFF. -- **DDX**

**CP6 - BOLIVIA (CQZ 10)** Rene, DF9GR, is now and once again active from Santa Cruz de la Sierra, Bolivia, but signing as **CP6XGR**. **The length of his stay is unknown**. Activity will be on 80-10 meters using CW, SSB, RTTY and PSK. He uses an IC-706 into various different antennas. QSL via his home call-sign. -- **OPDX**

**KG4 - GUANTANAMO BAY (CQZ 08)** K4MIL, Stu, has returned to Guantanamo Bay and will be QRV as KG4SS until Sept 26. Activity will be on 160 through 10 meters on all modes using 100 watts. Stu will be active during the CQ World Wide DX RTTY Contest. QSL to K4MIL, LOTW, or the bureau. -- **DDX**

**FM - MARTINIQUE (CQZ 08)** Alex will DD5ZZ FM / Martinique from **12 Sept - 3 Oct**. He will be active on the HF bands. -- **Les Nouvelles DX**

**FM - MARTINIQUE (CQZ 08)** Operators Bill/AA4OC, Joe/N7BF, Mac/WT4BT and Ev/W6ABM will be active as TO4OC, FM/N7BF, FM/WT4BT and TO6ABM from Martinique Island (NA-107) **Oct 29 - Nov 4**. Activity will be holiday style on 80-10 meters (mostly on 40/20/15m depending on the propagation) using SSB and the Digital modes. They will also put forth a "moderate" effort in the CQWW DX SSB Contest (October 29-30th). QSL via their home call signs, ClubLog's OQRS or LoTW. -- **OPDX**

**FP - ST PIERRE AND MIQUELON ISLANDS (CQZ 05)** **TO5FP** is the call sign for a St. Pierre & Miquelon (FP) operation now underway until **Sept 20**. On the team are F4HEC, F1RAF, FK8IK and F5TMJ. They are on 80-10 meters phone, CW and RTTY. They will upload to LoTW afterwards, says F1RAF. -- **DDX**

**J3 - GRENADA (CQZ 08)** Mikhail, VE7ACN, will be active as **J3/VE7ACN** from Carriacou Island (NA-147) **Nov 30 - Dec 8**. Activity will be on various HF bands using CW and SSB. QSL via his home call sign or LoTW. -- **OPDX**

**J6 - ST LUCIA (CQZ 08)** Joe N7BF, Mac WT4BT, Bill AA4OC, Everett W6ABM, Scott AK5SD and Rex NX8G will be active from St Lucia as **J6/home calls Nov 5-12**. Operations will be holiday style (mostly CW) on 80-10m all modes including Digital modes (RTTY, JT65 and JT9 and maybe some experimentation with PSK31 and Hellschreiber Operations to take place from the Chateau Devaux, Cap Estate on the northern tip of the island. QSL via LoTW or direct. Double check QRZ.com for QSL info. -- **DXW, OPDX**

**PJ4 - BONAIRE (CQZ 09)** PA3BWK, Wilko, is back in Bonaire operating holiday style with an IC-7300 running 100 watts as **PJ4/PA3BWK** until **Sept 24**. Listen for him on 3.5 through 28 MHz mostly on CW with some RTTY and PSK and occasionally on SSB. QSL via PA3BWK direct only. He'll also be uploading to LoTW. -- **DDX**

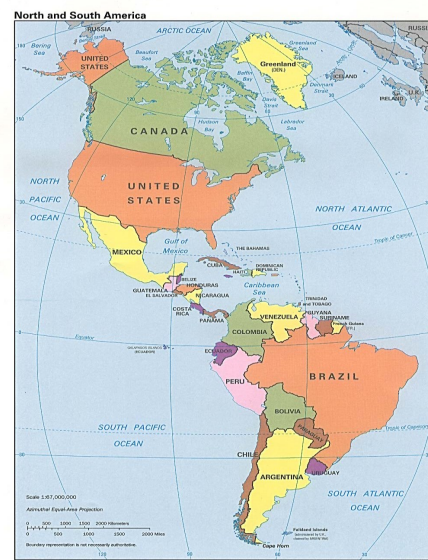
**PJ7 - SINT MAARTEN (CQZ 08)** AA9A goes to Sint Maarten **Feb 15-Mar 17, 2017** where he will use the PJ7AA call sign. Tom plans to be on 80-10 CW, phone, RTTY and "a little JT65." He will operate part time in both the CW and SSB modes of the ARRL DX Competition. -- **DDX**

**PY0F - FERNANDO DE NORONHA (CQZ 11)** Fabio, PP5BZ, will be active as **PX0F** from Fernando de Noronha (SA-003) **Sept 23-28**. Activity will be holiday style on various HF bands and modes. Fabio says there is a possibility of doing some RTTY during the CQWW RTTY event. QSL via his home call sign, direct or by the Bureau. -- **OPDX, DDX**

**PY0T- TRINDE and MARTIB VAZ ISLAND (CQZ 11)** **ZZ0T** - Dxpediton planned. Full details to follow. - **DXW**

**V3 - BELIZE (CQZ 07)** **V31VP**, Belize, WB0TEV, Victor, says due to the effects of Hurricane Earl, which hit there he has **postponed his trip until October**. He is still working on the exact dates and other details. -- **DDX**

(DX North, Central and South America continued on page 21)



## DX ASIA

**3W – VIETNAM (CQZ 26)** Operators Jose/EA1ACP, Gen/EA5HPX, Francisco/EA7FTR, Carlos/EA1DVY, Oleg/US7UX and David/EB7DX will be active as **3W2R** from Mekong Delta **Oct 20-28**. Activity will be on 160-6 meters on all modes. QSL via EB7DX. Plans are to soon have a Website. – **OPDX, DDX**

**A5 BHUTAN (CQZ 22)** Station **A5A** is being activated **8 -17 Sept**. Zorro, JH1AJT is in Bhutan with Champ, E21EIC and Franz, DJ9ZB until the 17th. Main purpose of this trip is to support the launch of Paralympic Committee in Bhutan with Bhutan Olympic Committee (BOC). Activity on 80 – 10m bands CW, SSB and RTTY, by two (TS-590 + 1.3K-FA) stations, using a tri-band beam (20/15/10m) and wire verticals for other bands. QSL to JH1AJT; PO Box 8, Oiso, Naka-gun, KANAGAWA 259-0111, Japan OQRS will be available at ClubLog after Zorro's return to Japan." – **DX Coffee, OPDX**



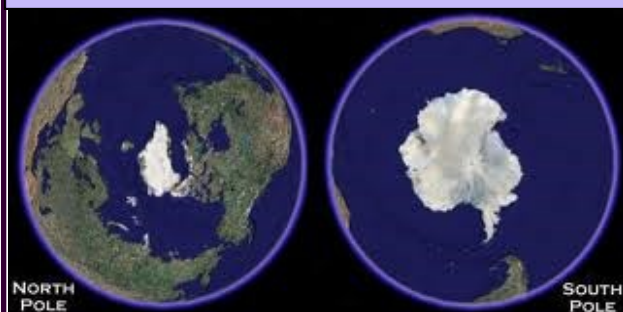
**JT – MONGOLIA (CQZ 23)** David OK1DBS and Josef OK1XC will be JT1DBS, JT1XC, JT1F, JT1DBS / 3 JT1XC / 3 and JT1F / 3 in Mongolia from **6 - 24 Sept**. They will be active in CW, SSB and RTTY on the HF bands. QSL JT1DBS via OK1DBS, JT1DBS via OK1XC, QSL JT1F, JT1F / 3 via JT1F, LoTW and eQSL. – **Les Nouvelles DX, DXNL**

**T6 – AFGHANISTAN (CQZ 21)** KL5X, aka HB9DOD, Tom, who is with the Royal Dutch Army, has been **deployed for six months** to Afghanistan with operation "Resolute Support." He has filed his ham radio application and hopes to get his license within 2-3 months, with a goal to operate mainly CW, PSK31 and RTTY modes, mainly on 20 meters, **starting about Dec 1 and going to Jan 18**. He will let us know when his application is approved. – **DDX**

**TCI - TURKEY (CQZ 20)** (ILLW Op). Members of the "TC Special Wireless Activity Team" will be active with the special call sign **TC1LHW**, from the Terkos Karaburun Lighthouse during the 2016 International Lighthouse/Lightship Weekend (ILLW) **Aug 20-21**. Operators mentioned are Deniz/TA1CQ, Can/TA1CR, Leonardo/TA1FR, Mehmet/TA1PB and Bora/TA1UT. Activity will be on various HF bands. QSL via LoTW only. – **OPDX**

**XU – CAMBODIA (CQZ 26)** A Russian team of operators will once again be active as **XU7AEZ** from Koh Rong Samloem Island (AS-133) **Nov 16 - Dec 5**. Activity will be on various HF bands and modes. QSL via RC3C or LoTW. More details will be forthcoming. – **OPDX**

## DX ARCTIC—ANTARCTIC



**3Y- BOUVET (CQZ 38)** LNDX894 Franz DJ9ZB, Nodir EY8MM Jorge HK7R Ralph K0IR Bob K4UEE Craig K9CT, Erling LA6VM, George N4GRN, Arnie N6HC Jim N9TK Jeff NM1Y Michael PA5M Andy UA3AB, Neil VA7DX, Steve VE7CF, Glenn W0GJ, Gregg W6IZT, Hal W8HC Jerry WB9Z have scheduled an expedition from Bouvet (ranked 2nd entity of the most desired entities!) in **early 2018** with indicative **3Y0Z**. Details at <http://bouvetdx.org>. QSL previous shipments from Bouvet are on the site of LNDX, See pages: <http://LesNouvellesDX.fr/galerie/galerie2.php?page=moreqslant&px=3Y0B> – **Les Nouvelles DX**

**JW – SVALBARD (CQZ 40)** Helge, LB5WB is planning a CW only operation from Spitsbergen Island (EU-026) as **JW/LB5WB** **Sept 16-19**, including the SAC Contest. Activity will be on 80-6 meters using a Yaesu FTDX-3000 into Windom (80-10m), 3 element beam (10m), 4 element beam (6m) and Inv. L for 80m. QSL via LoTW, bureau or direct to LB5WB. – **DDX, OPDX**

VP8STI team member Jun Tanaka-JH4RHF has shared an extensive collection of his nature photos from Southern Thule Island. [https://photos.google.com/share/AFIQipOW4IEqkcnY\\_v21luWLCsJNljCf3ra12jO7LfmdePcVRmBpspkFXgl5JBgWoiQWvHg?key=eURSVINH0V6VWFCc0tyMXhBSzRYR29QX2ZncLR3](https://photos.google.com/share/AFIQipOW4IEqkcnY_v21luWLCsJNljCf3ra12jO7LfmdePcVRmBpspkFXgl5JBgWoiQWvHg?key=eURSVINH0V6VWFCc0tyMXhBSzRYR29QX2ZncLR3) — **Paul, N6PSE**

## DX PACIFIC

**SOUTH PACIFIC TOUR (CQZ 32)** Ken JA2FJP and Nob JF2MBF are active from various Pacific islands until **October 13** with the following schedule:

**VP6J - Pitcairn, 25 Aug to 3 Sept**, QSL via JF2MBF

**E51Q - Rarotonga, 8-19 Sept** QSL via JA2FBY

**E6 - Niue, Sept 20-29**, QSL via JF2KOZ

**T2J - Tuvalu, Oct 4-10**, QSL via JA2FJP

**3D2GG - Fiji, 11-13 Oct**, QSL via JF2MBF

They will have two stations and will be active from 160 to 10 meters using CW, SSB and RTTY. – *Les Nouvelles DX, DX Coffee*

**5W – SAMOA (CQZ 32)** Bob, VK2BOB, will be active as **5W0BOB** from Upolu, Samoa (OC-097), **Sept 10-17**. Activity on 40 and 20 meters using mainly SSB. QSL via VK2BOB direct only. His log will be uploaded to ClubLog. – **OPDX**

**A3 - TONGA (CQZ 32)** Joshua, VA7YM, is active as **A3IYM** from different locations and IOTAs until **Sept 21**. He states, "I have a plan in Tonga to swim with whales on Sep 2016 with my diving buddy. Tonga is the best place to swim with the great creature in the world especially on the season. We will take a lot of pictures and video with them." Using an Icom IC-7000 into a R7 antenna, Joshua plans to be active from the following locations: Tongatapu Island (OC-049); Haapai Island (OC-169) and Eua Island (OC-049) QSL via his home call sign direct. Watch QRZ.com for updates. – **OPDX**

**A3 - TONGA (CQZ 32)** (Rare IOTA). Masa, JA0RQV, will once again be active from Tonga. This time he will activate Niuafu'ou Island (OC-123) as **A35JP/P Sept 28 - Oct 4**. It has been 6 years since last activation of A33A (by K6HFA). OC-123 is currently claimed by 17.9% of participants based on IOTA Web site (as of 11th August 2016). Operations will be on 80-6 meters using CW and SSB. His equipment is an IC-7300 (w/100W) into a vertical antenna. QSL via his home call sign, by the Bureau, direct (SASE w/I IRC), LoTW or ClubLog. For more details and updates, visit his Blog page at: <http://blog.goo.ne.jp/rqv> – **OPDX**

**CE0Y – EASTERN ISLAND (CQZ 12)** Alejandro, LU9VEA, will be active as **CE0Y/LU9VEA** from Easter Island (SA-001) **Sept 26-30**. Activity will be on various HF bands on SSB using a Kenwood TS480SAT with an 500w amp into verticals and dipoles antennas. QSL via IK2DUW. – **OPDX, DDX**

**DX2 – PHILIPPINES (CQZ 27)** Operators Gil/4F2KWT, Jim/DU3JH, Larry/DU3LA and Edilberto/DV1XUK will be active as **DX2R** from 4F2KWT's beach house at San Fernando City, LA Union, Philippines, during the CQWW DX RTTY Contest (**Sept 24-25**) as a Multi-Single/All-Band (80-10m)/Low-Power entry. QSL only via LoTW. – **OPDX**

**E5/S – SOUTH COOK ISLANDS (CQZ 32)** MIKTA, Dom, is heading to Rarotonga Island (OC-013) next March for the BERU (British Commonwealth) Contest. He'll be there and QRV in his spare time as **E5IKTA Mar 10 - 19, 2017**. – **DDX**

**FO/A - AUSTRAL ISLANDS (CQZ 32) FO/K7AR** will be on from Raivavae Island, IOTA OC-114, in the Austral Islands, **Nov 21-28**. Al will have a K3 and KPA500, to be active on 160-10. For antennas, he will have an inverted L for 160, CrankIR for 80-10 and Cushcraft R5 vertical for 20-10, operating on CW, RTTY and SSB. He will also be a single op all band high power entry in the CQWW CW Contest and plans to upload his log to Club Log and LoTW when he's back home. QSL via K7AR. – **DDX**

**JD/M – MINAMI TORISHIMA (CQZ 27)** Minami Torishima - **JG8NQJ/JDI** left Minami Torishima Aug 31 and is now **QRT** due to unexpected circumstances. JDIYAA may still be QRV. No word on who the op is at the club station or where to QSL. – **DDX**

**T3I – CENTRAL KIRIBATI (CQZ 31)** The month-long **T3IT** operation from Kanton Island (OC-043) by 3Z9DX, SP3DOI and SP7VC is expected to take place in late September. – **DDX**

**T8 – PALAU (CQZ 27)** Operators Kenji/JH1BGH and Jiro/7K1HLJ will again be active as **T88WI** and **T88WH**, respectively, from VIP Guest Hotel (Free Radio Room) on Koror Island (OC-009) **Sept 11-15**. Specific bands and modes were not provided. QSL T88WI via JH1BGH and T88WH via 7K1HLJ. – **OPDX**

**T8 – PALAU (CQZ 27)** Operators Toshiharu/JA3JND and Katsumi/JA3KIO will be active as T88ON and **T88XA**, respectively, from VIP Guest Hotel (Free Radio Room) on Koror Islands (OC-009) **Sept 23-30**. Activity will be on 40-10 meters using CW, SSB, RTTY and JT65. Look for some activity in the CQWW DX RTTY Contest. QSL via their home calls. – **OPDX**

**V6 – MICRONESIA (CQZ 27) V633KS and V633ZH** are special call signs from Chuuk (Truk) Island in Micronesia, IOTA OC-011, an expedition **Sept 19-25**. The ops will have an IC-7000 and IC-7300, running kilowatts at least some of the time, to a CrankIR, a dipole and 2-element Yagi for 6. They plan to be on 80-6 meters, on CW, SSB and RTTY. QSL V633KS via JA6REX, bureau or direct with SASE, and V633ZH via JH6HZH, bureau or direct with SASE. They will also use OQRS and LoTW. <http://v63.webcrow.jp/> – **DDX**

**VK9 – NORFOLK ISLAND (CQZ 32)** Geoff ZL3GA Mark ZL3AB Paul ZL4TT (eg ZL4PW) and Phil ZL3PAH will be **VK9NZ** Norfolk **Sept 25 to Oct 8**. They plan to be active from 160 to 6 meters using CW, SSB and RTTY. QSL via ZL3PAH. Details on <http://vk9nz.wordpress.com> – *Les Nouvelles DX*





## DX EUROPE

**EA8 – CANARY ISLANDS (CQZ 33)** PH2M, Frank, will be operating holiday style from a Tinajo, Lazarote Island as **EA8/PH2M Sept 25 to Oct 6**. Activity will be on 7 through 28 MHz on SSB only. Logs will be uploaded to Club Log and LoTW. -- **DDX**

**HB88 - SWITZERLAND (CQZ 14)** YLs from Switzerland, France and Germany will meet in Hedingen, Switzerland, **Aug 19-21** and be active as **HB88YL**. They plan to have 3 or 4 stations on the air, all bands, using CW, SSB and the Digital modes. Dora, HB9EPE, has organized the following operators (including herself): Mado/F1EOY, Christine/F4GDI, velyne/F5RPB, Joana/DL5YL and Siggii/DK2YL. QSL via Dora, HB9EPE. See QRZ.com for more details. -- **OPDX**

**HB0 – LIECHTENSTEIN (CQZ 14)** PB4PT, PA1RB, PH9GFB and PA7U will **HB0/ 25 Sept to 1 Oct –**

**HB0 - Liechtenstein (CQZ 14)** SP2FOV, Henry, and DL2SBY, Kasimir, will be QRV as **HB0/home call** from Liechtenstein **Sept 11-18**, operating on SSB, CW and RTTY from 80-6 meters. They will have a Spiderbeam, verticals and delta loop, and for radios a TS2000, FT900AT and Icom 1010 amp, 700 watts. -- **DDX, OPDX**

**HB0 – LIECHTENSTEIN (CQZ 14)** DL5YL and DL5YM plan to be in Masescha, Liechtenstein and QRV as **HB0/home calls Sept 22 to Oct 10**. They will be using an IC7400 running either 100 or 400 watts transmitting into a 40 meter wire and possibly a 2 element folding beam. Activity will be on 1.8 through 144 MHz preferably on CW with some activity in the CQ WW RTTY Contest and some SSB. QSL via the bureau or direct with SASE. They will also be using Club Log. You can reach them for a sked using their call sign at darc.de. -- **DDX**

**IS - SARDINIA (CQZ 15)** SQ9UM, Alex, will be operating holiday style as **IS0/SQ9UM** from Golfo Aranci, Sardinia **until Sept 18**. He'll have a 100 watt IC-7100 transmitting into either multi-band vertical or dipoles. Listen for him mostly on CW and RTTY with some occasional SSB and PSK on 40-6 Meters. He'll be uploading his logs to Club Log and LoTW. QSL via SQ9UM. -- **DDX**

**MD - ISLE OF MAN (CQZ 14)** A German group will be active as **MD/home call** from the Isle of Man (EU-116) **Sept 23 - Oct 4**. Operators mentioned are Heiko DL1RTL, Gunter/DL2AWG, Dietmar/DL2HWA, Georg/DL4SYA, Olaf/DL7JOM, Rolf/DL7VEE and Wolf/DL2AUJ. Activity will be on 80-10 meters using CW, SSB and RTTY. Equipment will be 2x K3, KPA 500, into Spider- beams and Verticals. QSL via their home call signs, direct, by the Bureau, ClubLog's OQRS or LoTW. For more details and updates, see: <http://md.mydx.de> -- **OPDX**

**MJ – JERSEY (CQZ 14)** Kazunori, M0CFW/JK3GAD, will once again be active as **MJ5Z** during the CQWW DX RTTY Contest (Sept 24-25) as a Single-Op/All- Band/Low-Power entry. Look for activity before and after the contest using the call sign **MJ0CFW**. QSL for both call signs via M0CFW, ClubLog's OQRS or LoTW. -- **OPDX**

**OH0 – ALAND ISLAND (CQZ 15)** OH0JWL on Aland Island will be QRV by DL1ZBO and DL5FF **Sept 14-25** on HF, various modes. CQWW DX RTTY Contest operation September 24-25 is also planned. QSL through the bureau to DL5FF. -- **DDX**

**OJ0 - MARKET REEF (CQZ 15)** Martti, OH2BH, says look for OJ0JR to be on the air until **Sept 17**. He adds this is an "Iron man expedition to Market Reef. It was just Henri, OH3JR, who single-handed put up a new Force-12 permanent beam at Market light-house to serve the multitudes. Following the coming week of Pasi, OH3WS/OJ0V, and Henri will fire up the beam on a variety of bands - with weather being subject for landing. The Market Reef lovers want to thank those who made this undertaking happen; AA7XT at Force-12, OH3JR, OH3WS, OH2BH, OH2BO, OH2PM and OH0XX plus The OH-DX Foundation and SRAL - The Finnish Amateur Radio League. OJ0JR QSL via OH3JR." -- **OPDX**

**RV6 - UKRAINE/RUSSIA (CQZ 16)** [LH Op]. Operators Pavel/RZ6APF, Tolja/UA6BQU and Nickolay/RV6CU will be active as **RV6AWZ/5** from Kiz-Aulskiy Lighthouse (New One LH, RDA: RK-20, R6K), Black Sea, Republic of Crimea, **Sept 22-25**. Listen for QSL info. -- **OPDX**

**SV5 - Dodecanese Islands (CQZ 20)** G2JL, Mort, is planning to be back and QRV as **SV5/G2JL** starting in **early September through November**. -- **DDX**

**ZA – ALBANIA (CQZ 15)** Polish operators SP9FIH, SP2FUD, SP6CIK, SP6JZL, SP6OJK and SP9TCE are in Shqiperia, Albania. Activity will be on 1.8 through 50 MHz on CW, SSB and RTTY **until Sept 18**. Their **call sign is yet to be announced**, as well as QSL details. The team has a website at <http://za.dxpedititions.org/>. -- **DDX**



September 2016 DX Calendar (Edited from <http://www.ng3k.com/Misc/adxo.html>)

Dates		Entity	Call Sign	OSL via	Source	Details
2016 Sep01	2016 Sep15	East Kiribati	T32AZ	KH6QJ	<a href="#">DXW.Net</a> 20160608	By KH6QJ fm Kiritimati I (OC-024); 80-10m (no WARC); CW SSB; QRV for All Asia SSB and WAE SSB
2016 Sep01	2016 Sep30	Djibouti	J28PI	FITMY	<a href="#">DXW.Net</a> 20160827	By FITMY; Inv L for 160m; Spiderbeam; G5RV; operation to continue for 3-5 years
2016 Sep03	2016 Sep21	Tonga	A31YM	VA7YM Direct	<a href="#">DXW.Net</a> 20160901	By VA7YM fm various islands; 40-10m; SSB RTTY PSK; 100w; R7; QSL: Joshua Min, 1831 Walnut Crescent, Coquitlam, BC V3J 7T4, Canada
2016 Sep03	2016 Sep24	Bonaire	PJ4	LotW	<a href="#">TDDX</a> 20160819	By PA3BWK as PJ4/PA3BWK; 80-10m; mainly CW, some RTTY PSK, possibly SSB; QSL also OK via PA3BWK direct
2016 Sep03	2016 Nov25	Pitcairn I	VP6AH	DL2AH	DL2AH 20151116	By DL2AH; 40-10m; SSB + digital; 100w; holiday style operation; QRV from French Polynesia (Mangareva/Gambier) using TX2AH or TO2AH beforehand
2016 Sep06	2016 Sep24	Mongolia	JT	LotW	<a href="#">DXNews</a> 20160601	By OK1DBS and OK1XC as JT1DBS, JT1XC, JT1F, JT1DBS/3, JT1XC/3, JT1F/3; HF; CW SSB RTTY; QSL also OK via JT1F and eQSL
2016	2016	Albania	ZA	Home	OH2BH	By OH2BH as ZA/OH2BH, OH1MA OG2M OH2BH Z61DX Z62FB likewise fm
2016 Sep07	2016 Sep12	Svalbard	JW	LotW	<a href="#">DXW.Net</a> 20160812	By SM7RYR as JW/SM7RYR; 20m; CW; QRP
2016	2016	Bhutan	A5A	JH1AJT	JA1TRC	By JH1AJT E2IEIC DJ9ZB; 80-10m; CW SSB RTTY; 2 1kw stns; tri-band yagi
2016 Sep08	2016 Sep19	South Cook Is	E51Q	LotW	<a href="#">DXW.Net</a> 20160801	By JF2MBF JA2FJP; 160-10m; CW SSB RTTY; QSL also OK via JA2FBY direct (w/ SAE + US\$2) and Club Log
2016 Sep08	2016 Sep23	Reunion	FR		<a href="#">TDDX</a> 20160908	By F6BVV as FR/F6BVV; check 14.045 and 21.045 MHz; spare time operation
2016	2016	Madeira	CR3W		DL2CC	By DL2CC; QRV for WAE SSB Contest
2016 Sep09	2016 Sep18	Albania	ZA	Home Call	SP9FIH 20160905	By SP9FIH as ZA/SP9FIH, SP2FUD SP6CIK SP6JZL SP6OJK SP9TCE likewise; 160-6m; CW SSB RTTY; QRV for WAE SSB using ZA1P
2016 Sep10	2016 Sep17	Market Reef	OJ0JR	OH3JR	<a href="#">DXW.Net</a> 20160829	By OH3JR
2016 Sep10	2016 Sep17	Samoa	5W0BOB	VK2BOB Direct	VK2BOB 20160803	By VK2BOB; 40 20m; SSB; Buddistick; holiday style operation; include 3 green stamps w/ QSL request
2016 Sep10	2016 Sep20	St Pierre & Miquelon	TO5FP	LotW	<a href="#">DXW.Net</a> 20160321	By F4HEC F1RAF FK8IK F5MUX fm Ile Aux Marins (NA-032); 80-10m; CW SSB RTTY; QSL also OK via Club Log
2016 Sep10	2016 Sep22	Dodecanese	SV5	HB9OAU	<a href="#">425DXN</a> 20160910	By HB9OAU as SV5/HB9OAU fm Karpatos I (EU-001); 40-10m; SSB; QSL OK via HB9 Buro or direct
2016 Sep11	2016 Sep15	Palau	T8	7K1HLJ	<a href="#">DXNews</a> 20160904	By JH1BGH as T88WI and 7K1HLJ as T88WH fm Koror I (OC-009); HF
2016 Sep12	2016 Sep29	Acension I	ZD8RG	N4RG	<a href="#">DXNews</a> 20160909	By N4RG fm AF-003; 80-10m; CW SSB
2016	2016	Martinique	FM	LotW	<a href="#">425DXN</a>	By DD5ZZ as FM/DD5ZZ fm NA-107; QSL also OK via DD5ZZ or Club Log
2016	2016	Iceland	TF	LotW	<a href="#">425DXN</a>	By G3ZAY as TF/G3ZAY, DK2AB M0BLF M0WUT M0ZXA, likewise fm EU-
2016 Sep14	2016 Sep21	Isle of Man	GD4SKA	M0OXO	<a href="#">TDDX</a> 20160818	By GW4SKA; HF; mainly RTTY, some PSK; QRV for BARTG 75 Baud Sprint using GD0A
2016 Sep15	2016 Sep21	Faroe Is	OY	LotW	<a href="#">DXW.Net</a> 20160519	By ON4ANN, et val as OY/; 80-6m, focus on high bands; SSB CW PSK RTTY; QSL also OK via M0URX
2016 Sep15	2016 Sep29	Cape Verde Is	D44TUJ	DK8FA	<a href="#">TDDX</a> 20160818	By DK8FA fm Boa Vista I (AF-086); mainly 20 17m; mainly digital; QSL OK via DARC Buro or direct
2016 Sep16	2016 Sep19	Svalbard	JW	LotW	<a href="#">TDDX</a> 20160818	By LB5WB as JW/LB5WB fm Spitsbergen I (EU-026); CW; QRV for SAC Contest; QSL also OK via LB5WB (Buro or direct)

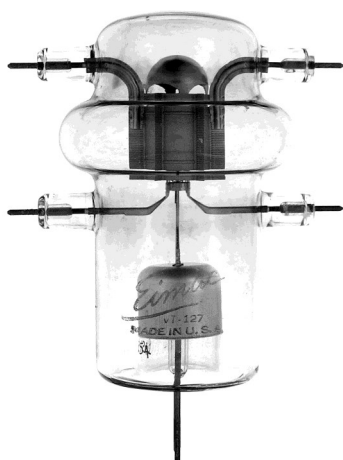
# More September 2016 DX Calendar (Edited from <http://www.ng3k.com/Misc/adxo.html>)

Dates		Entity	Call Sign	QSL via	Source	Details
2016 Sep17	2016 Sep18	San Marino	T7	T70A	<a href="#">DXNews</a> 20160902	By ARRS as T71A, T71B, T71C; 40 20 15m; QSL OK via Buro or direct
2016 Sep18	2016 Sep30	Comoros	D66D	LotW	<a href="#">DXNews</a> 20160423	By OK1FPS OK1FCJ OK6DJ fm AF-007; 160-10m; CW SSB RTTY; QSL also OK via OK6DJ and eQSL
2016 Sep19	2016 Sep25	Albania	ZA	LotW	SQ3RX 20160901	By SQ3RX fm Saranda and Tirana as ZA/SQ3RX; HF; mainly CW, some SSB, maybe RTTY; 100w; inverted V, short G5RV; QSL via Club Logor SQ3RX
2016 Sep19	2016 Sep25	Micronesia	V63	Home Call	<a href="#">DXW.Net</a> 20160829	By JH6HZH as V633ZH and JA6REX as V633KS fm Chuuk I (OC-011); 80-6m; CW SSB RTTY; QSL also OK via Club Log
2016 Sep19	2016 Sep30	Laos	XW4XR	LotW	<a href="#">TDDX</a> 20160907	By AA4XR fm Vientiane; 80-10m; CW RTTY JT65; QSL also OK via E21EIC; preparing for CQWW DX CW operation
2016 Sep20	2016 Sep25	Cuba	T42CH	HA3JB	<a href="#">DXNews</a> 20160820	By HA3JB fm NA-015; 160-10m; CW SSB RTTY
2016 Sep20	2016 Sep27	Lord Howe I	VK9LN	LotW	<a href="#">TDDX</a> 20160831	By NIIL fm OC-004; 40-10m; mainly CW, some RTTY or PSK possible; holiday style operation; QSL also OK via NIIL (Buro or direct)
2016 Sep20	2016 Sep27	Samoa	5W0JHQ	LotW	<a href="#">TDDX</a> 20160804	By JA0JHQ fm Fonoti; 160-30m; CW, some SSB CW; Micro vertical; QSL also OK via JA0JHQ (Buro or direct)
2016 Sep20	2016 Sep29	Niue	E6	LotW	<a href="#">DXNews</a> 20160801	By JF2MBF JA2FJP as TBA; 160-10m; CW SSB RTTY; QSL also OK via JF2KOZ direct (w/ SAE + US\$2) and Club Log
2016 Sep20	2016 Oct01	Uganda	5X8B	LotW	<a href="#">TDDX</a> 20160902	By DL3YM fm Entebbe; CW; vertical dipole; spare time oprn; automatic paper QSL via Buro or direct requests to DL3YM OK w/ SAE + adequate postage
2016 Sep23	2016 Oct04	Isle of Man	MD	LotW	DL2AWG 20160816	By DM2AUJ et al as MD/call sign; 80-10m; SSB CW RTTY; 2 stations 24/7; Spider-beams, verticals, loops, R7; QSL also OK via home_call (DARC Buro or direct)
2016 Sep23	2016 Sep28	Fernando de Noronha	PX0F	LotW	<a href="#">DXNews</a> 20160821	By PP5BZ fm SA-003; 40-10m; CW SSB; 100w; vertical; holiday style; QSL QSL also OK via PP5BZ (Buro or direct w/ SAE + new IRC or 3USD) or Club Log
2016 Sep23	2016 Sep30	Palau	T8	Home Call	<a href="#">DXNews</a> 20160904	By JA3JND as T88ON and JA3KIO as T88XA fm Koror I (OC-009); 40-10m; CW SSB RTTY JT65; QRV for WAE DX RTTY and JIDX SSB contests
<b>CQ Worldwide DX Contest, RTTY</b> (Sep 24-25, 2016) Check here for pre-contest activity too.						
2016 Sep24	2016 Oct08	Seychelles	S79KB	DL2SBY	<a href="#">DXW.Net</a> 20160115	By DL2SBY fm Praslin and Mahe Is (AF-024); 40-10m; CW SSB RTTY; 600w; verticals; QSL also OK via Club Log
2016 Sep24	2016 Oct10	Kenya	5Z4	IW5BBV	<a href="#">OPDX</a> 20160708	By IW5BBV as 5Z4/IW5BBV fm Watamu and Mida; 40 20 17 15m; QSL OK via Buro or direct, also eQSL
2016 Sep24	2016 Oct03	Solomon Is	H44GC	LotW	<a href="#">DXW.Net</a> 20151221	By LZ1GC DL8JJ fm Guadalcanal, (OC-047, Q190xn); 160-10m, focus on low bands; CW SSB RTTY; QSL also OK via LZ1GC
2016 Sep24	2016 Oct24	West Kiribati	T30COW	KC0W Direct	<a href="#">DXNews</a> 20160701	By KC0W fm OC-017; 160-6m; CW; 500w; verticals; do not work more than once on each band
2016 Sep25	2016 Oct06	Canary Is	EA8	LotW	<a href="#">TDDX</a> 20160824	By PH2M as EA8/PH2M fm Tinajo, Lanzarote I (AF-004); 40-10m; SSB; QSL also OK via Club Log
2016 Sep25	2016 Oct15	Norfolk I	VK9NZ	LotW	ZL3PAH 20160602	By ZL3GA et al; 160-6m; CW SSB RTTY; hexbeams, verticals, wires; QSL via ZL3PAH and Club Log; QRV for Oceania SSB 'test; exact dates not specified
2016 Sep26	2016 Sep30	Easter I	CE0Y	LU8YD	LU8YD 20160908	By LU8YD as CE0Y/LU8YD fm SA-001; 80-6m, perhaps 160m; SSB; 100w; vertical + dipoles; also LW/MW RX DX with SDR and Beverages 100 KHz-1710 KHz
2016 Sep26	2016 Sep30	Easter I	CE0Y	IK2DUW	<a href="#">TDDX</a> 20160826	By LU9VEA as CE0Y/LU9VEA fm SA-001; HF; SSB; 500w; vertical + dipoles
2016 Sep26	2016 Oct01	Sao Tome & Principe	S9	EA3BT	<a href="#">DXW.Net</a> 20160521	By EA3BT as S9BT and EA3WL as S9WL fm Ilhu das Rolas (AF-023); 40-6m; SSB, some CW RTTY
2016 Sep27	2016 Oct01	Cayman Is	ZF2EZ	W5JAY	<a href="#">TDDX</a> 20160818	By W5SJ fm ZFIA station; looking for Asia on 30m; perhaps also 20m CW QRP
2016 Sep27	2016 Oct04	Tuvalu	T2R	LotW	<a href="#">DXW.Net</a> 20160415	By KK7L N7SMI fm Funafuti Atoll; 80-10m; SSB CW RTTY; QSL also OK via Club Log (preferred), email request, N7SMI direct (w/ SASE or 2USD), eQSL
2016 Sep28	2016 Oct04	Tonga	A35JP/p	LotW	JA0RQV 20160812	By JA0RQV fm Niuafu'ou I (OC-123); 80-6m; CW SSB; 100w; vertical; QSL OK via JA0RQV (Buro or direct w/ SAE + 2USD) or Club Log



## VT-127

### Tube Of The Month



When World War II began in Europe, it became obvious that the new RADAR technology was going to play a leading role. The United States needed to catch up in a hurry. There were few tubes in production that would operate above 200 MHz and have enough emission to produce high power. The Eimac line of triodes showed potential. The US Navy contacted Eimac in 1938 and requested a 100-watt dissipation tube with extra plate and grid leads protruding out the sides. A 100TL with a standard 4 pin base, twice the filament current and the required leads was made and it was designated the 100TS. The first Navy RADAR tests were made with these tubes.

The circuit that these tubes were to be used in is called a ring oscillator. Most old hams know that you get an oscillator when you build an amplifier with poor isolation between grid and plate tanks. We have made them when we didn't mean to. A ring oscillator is like two pairs of push pull tubes with the grid tanks connected to the opposite pairs. The outputs from each pair were then combined. Push pull circuitry doesn't require perfectly matched tubes so this circuit would allow four tubes to be combined. The oscillators were pulsed with 16,000 volts for short durations. The average power was low, but the peak power was several KW for a 100-watt dissipation tube.

The prototype tube worked, but it wasn't easy to install. A new version called the VT-127 was the same tube without the base. The filament leads could be clipped into the frame. A more easily produced version was developed in about 1942 and became the VT-127A. If you stack a pair of four tube units, you get the output of eight tubes. The larger frames that were used in the field had 16 tubes and produced outputs of about 1,000,000 watts pulse. It was good that the Navy had very large ships, as the equipment wasn't very portable. The Army used this configuration in their early air search RADAR and to direct anti-aircraft guns. Very large numbers of these tubes were made and they became very common for small change after the War. Hams could buy a pair and run a KW input for almost nothing. They never became very popular and new tubes are still seen at swap meets today.

Visit the museum at <http://n6jv.com/>  
Norm N6JV

## DX North, Central and South America *Continued from page 15*

**V4 - ST. KITTS (CQZ 08)** John, W5JON/V47JA, informs OPDX that he will once again be active as **V47JA** from his vacation home in Calypso Bay, St. Kitts (NA-104, WW Loc. FK87SG), located 200 feet from the Caribbean Sea, **Sept 12-29**. Activity will be on 160-6 meters (incl. 60m) using SSB. Equipment is a Kenwood TS-590S and Elecraft KPA500 Amplifier. Antennas include: 31' 40-10m Vertical, 35' 40/80m Top Loaded Vertical, shortened 160m Dipole, and a 6m/3element Yagi. ALL QSLs go to W5JON direct or via LoTW. NO Bureau QSLs. — **OPDX**

**YN - NICARAGUA (CQZ 07)** **YN5Z** from Nicaragua will be in the CQ WW SSB **Oct 29-30** with K7ZO operating. He says it will be a Field Day style operation with a Spiderbeam on 20-10 and verticals for lower bands, running a TS-590 and KPA-500. He will be in the single op all band high power category in the big operating event. He says he may be active for "a couple days" prior to the contest but none afterwards. QSL via K7ZO or LoTW. — **DDX**

**YX0V - AVES ISLAND (CQZ 08)** Pilot station Steve, W4DTA, still is reporting that this DXpedition is still "ON HOLD", but the team is ready the moment the Navy says go... — **OPDX**

**ZF - CAYMAN ISLANDS (CQZ 08)** W5SJ, Bill, will be operating the **ZFIA** club station later this month. He'll be QRV as **ZF2EZ** **Sept 27 - Oct 1**, "looking for Asia on 30 meters in the mornings" and may also operate on 20 CW running QRP. QSL via W5JAY. — **DDX, OPDX**

### Operation Canceled

Early on Friday, September 9th **KC0W**, Tom, announced his "proposed" "Top 25 Most Wanted" DXpedition is not going to happen" having been "lead astray by the promise of tinsel & shiny lights" (see <https://www.qrz.com/db/kc0w>). — **DDX**

"I do not think that the wireless waves I have discovered will have any practical application" — **Rudolph Heinrich Hertz**

## A Legacy in the making?



Pictured are NFDXA code maestro Bob W4GJ giving his 5-month-old grandson Theo his first lessons using a Vibroflex paddle.

According to the proud grandpa little Theo is already showing signs of being a 'natural' with code as he enjoys being made when he presses the paddle from one side to the other.

Theo has already displayed his Morse code proficiency in a short video that was widely shown on Facebook. Check it out here:

<https://www.facebook.com/bob.lightner.92/videos/10157363876860228/>



## Mexican Storm EmComm Net Canceled

The **FMRE** (Federación Mexicana de Radioexperimentadores) Emergency Communication Net activated as Hurricane Newton, became a tropical storm, as it approached the Baja California peninsula.

The net had asked the cooperation of the Amateur Radio community in keeping both 7.060 and 7.130 MHz clear for any emergency traffic. However, Hurricane Newton rapidly decayed and was no longer a **tropical storm** by the time it entered Arizona. The requested frequencies are again available for regular traffic. — **Various**

## From the WWW — *The Daily DX*

"Higher Bands Will Pick Up this Fall, Data Suggest Smaller Solar Cycles Lie Ahead" <http://www.arrl.org/news/higher-bands-will-pick-up-this-fall-data-suggest-smaller-solar-cycles-lie-ahead>

NK7Z, Dave, has a very interesting article on RFI on his blog called "SDR as a RFI survey tool, Part I" at <http://nk7z.net/sdr-for-rfi-survey-p1/>

## DXCC News

From the ARRL DXCC Desk, operations by **TZ5XR** now count for DXCC. A license copy and other validation materials were submitted and accepted.



**DXer's Benediction - May you have a day filled with DXtraordinary miracles**



### CREDIT

Much the DX news, illustrations and information contained in this publication comes from a variety of sources including, but not limited to the following:

**The Daily DX (DDX)**

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

**Ohio-Penn DX (OPDX)**

(<http://www.papays.com/opdx.html>),

**DXWORLD.net**

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

**DX news.com**  
More than just DX News

<http://dxnews.com/>

**DX Coffee (DXC)**

[www.dxcffee.com/eng/](http://www.dxcffee.com/eng/)

**DARC DXNL (DXNL)**

(<http://www.dxhf.darc.de/>)

**NG3K Amateur Radio Contest/DX Page (NG3K)**

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

**The DX Magazine (DXM)**

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

**ARRL (ARRL DX)**

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

**Last but not least . . .**  
Off- air and word of mouth from those who turned on their radios, listened, and then told **The PileUp** what they heard.

— **NW4C**

## ***PileUp***

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The Monthly Newsletter of The North Florida DX Association

*And so it goes . . .*

**IF YOU NEED TO WORK  
ON SOMETHING ELECTRICAL  
BUT DON'T KNOW WHERE  
THE BREAKER PANEL IS**

**SIMPLY KINK THE WIRE  
LIKE A GARDEN HOSE  
TO STOP THE FLOW  
OF ELECTRICITY**

Thanks W4GJ

## **The Last Word**

One of the items of 'company business' we have to take care of in the September meeting is to come up with a list of nominees for the four NFDXA offices; president, vice president secretary and treasurer. The election will be during the club meeting November 19.

You may or may not have been there and done it before. You may even have a T-shirt to show for it. Even so, if you are asked by a member of the selection committee to consider standing for one of the club offices, say yes.

Even if you haven't been asked, consider offering yourself. At the least, volunteer for a committee or do something on your own — like coming up with a program for a monthly meeting.

It's about time you got yourself a new T-shirt.

73 es may the good DX be yours – **Warren NW4C**



**Warren NW4C**

**The Deserving will work the DX. All others will call in vain...**