

MARC Wireline

Milford Amateur Radio Club Newsletter

ARRL

01/10/2011

The Amateur Radio Emergency Communications Enhancement Act, which died at the end of the 111th Congress, has been reintroduced in the 112th Congress as [HR 81](#). The sponsor is Representative Sheila Jackson Lee (D-TX-18). The new bill -- which was introduced on January 5 -- has been referred to the House Committee on Energy and Commerce.

Rep Jackson Lee first introduced the bill -- [HR 2160](#) -- in the 111th Congress in [April 2009](#). It gained an additional 41 co-sponsors but did not progress out of the committee of jurisdiction. A similar bill introduced in the Senate -- [S 1755](#) -- made it all the way through that body in December 2009, but likewise was not taken up by the House. The objective of the bill -- which is supported by the ARRL -- is for the Secretary of Homeland Security to study the uses and capabilities of Amateur Radio communications in emergencies and disaster relief and to identify and make recommendations regarding impediments to Amateur Radio communications, such as the effects of private land use regulations on residential antenna installations. "We are hopeful that this early start will lead to success in the new Congress," commented ARRL Chief Executive Officer David Sumner, K1ZZ.



News from VK4/M

G'Day from GraHam VK4BB from the **WIA National News Service**. As this is written, Wednesday evening here in the Brisbane area, we have almost two Brisbanes!

Roads from the west are cut. From the Southern corridor currently to the other side of the City is via the Clem7 tunnel and up Lutwyche Road. From the East and Gold Coast the Gateway bridge is open but that is a pretty pointless exercise if you are wanting the CBD.

In my "other life" as operator of RadioTAB the Racing Radio Network it's been a juggling matter staff wise moving some to motels just to our north which provides a safe route to the studios. Many of the country network "running out of juice" as lack of power, little sunshine for solar and roads cut to bring in fuel. Our 2nd digital channel has been renamed 4TABhelp and is broadcasting all phone and web contacts from SES to road closures.

Ham radio wise we have received no reports from WICEN itself, some of their regional officers have reported no call out, and the cell phone system seems to be holding up remarkably well!

A touch of humour heard on the Ipswich District police channel, (try 468.850) when one officer was requesting a boat for help in an evacuation was answered by "HMAS Constable Smith to HMAS Constable Jones"...

Our audio news this week, unless the

rains stop and the creeks don't rise (again!) will be put together by **VK3DN Robert Broomhead** with input by **Felix VK4FUQ** as the only way into our Jimboomba Antenna Farm at noon was by driving under the police tape blocking the un-flooded entry to our street!

To all our Hams in Toowoomba, the Lockyer Valley and to all VK4 Amateurs effected one way or another by this unfolding tragedy, from the WIA, its members and WIA national news service, our thoughts are with you at this time.

Let's face it transmitting on a piece of 'wet string' "ain't much fun". - Walk Softly

GraHam VK4BB

[Wireless Institute of Australia](#)Ω

January 2011 Volume 33, Issue 1

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www.w8mrc.com

Next Meeting
January 13

Club and Local News

Steve Friebele, **K8JI**

Happy New Year - 2011!

I hope everyone enjoyed their Christmas and Holiday season.

MARC Birthday Party

Our 37th Birthday Party will be in March. Details will be coming soon.

VE Session

MARC will sponsor a VE Session Thursday, September 9th.

The session will begin at 6:00PM, in the same location as our regular monthly meeting. Walk-in's welcome.

There is **NO** cost for the testing. We have switched to a different testing service (Laurel) and they do not add any processing fee.

Please contact Barb Steward, **KA8AXY** at wsteward@fuse.net or (513) 625-8651 for additional information.

ARRL Audio News Once Again Available from iTunes

The ARRL Audio News is once again available through iTunes, beginning today. You can find the URL for the Audio News' RSS feed here <http://www.arrl.org/arrlletter/audio/aan.rss>. To download and subscribe to the Audio News at iTunes, log into your iTunes account and go to the "Advanced" pull-down menu. Click on "Subscribe to Podcast," insert <http://www.arrl.org/arrlletter/audio/aan.rss> in the dialogue box and click "OK." You are now subscribed! If you had previously subscribed to the ARRL Audio News via iTunes, you should not have to re-do these steps; episodes should

appear in your podcast folder once you sync your device.

Step-by-step photo instructions are available here <http://www.arrl.org/news/em-arrl-audio-news-em-once-again-available-from-itunes>.

Of course, the ARRL Audio News is also available on the ARRL Web site <http://www.arrl.org/arrl-audio-news> and via telephone at 860-594-0384. The ARRL Audio News is compiled, edited and produced in conjunction with each ARRL Letter (except during the Dayton Hamvention, Thanksgiving and other times as announced).

Source:

The ARRL Letter

MARC Dues are Due!

Don't forget to pay your 2011 Dues at the meeting or send a check to our club address.

MARC CLUB OFFICERS AND BOARD

President	Mike Ernst	AE8U
Vice President	Jeff Clemmons	KD8LZK
Treasurer	Jim Linn	WB8RRR
Secretary	Mike Kieffer	KD8OUT
Board	Lyle Hamilton	AB8SH
Board	Steve Friebele	K8JI
Board	Mark Baker	WD8KPU

COMMITTEES

Newsletter and Website: Steve Friebele **K8JI**

VE Team: Lyle Hamilton **AB8SH**, Jim Linn **WB8RRR**, Barb Steward **KA8AXY**, Barry Evans **AB8WI**, Mark Baker **WD8KPU**, Jerry Dunham **AF8V**, Jerry Latham, **AE8S**, Mike Ernst **AE8U**, Jeff Clemmons **KD8LZK**, Bruce AC8BT, Ed Lowe, **N8FAJ**, Bob Halley **K8YMI**

Repeater: Bill Schroeder **WS6K**, Jim Linn, **WB8RRR**

Health & Wellness:

Historian - Mark Baker, **WD8KPU**

ARRL

Weaver's Words

From Jim Weaver, **K8JE**
Great Lakes Director



*This is a portion of "Weaver's Words".
See the link at the bottom right of this
page for the entire article.*

+++ New Survey On Line +++

I have asked Great Lakes Division (GLD) Webmeister Scott Yonally, N8SY to put a short survey on the GLD website. It should take less than 5 minutes to complete. Click on Surveys/Feedback link just to the left, then click on Check Out the Latest Director's Survey on that page.

Thanks for your help with the survey.

+++ Happy New Year +++

I wish each of you and your families a very Happy New Year and the very best throughout 2011.

I particularly wish to thank everyone who has contributed to Amateur Radio and ARRL this past year. I hope that you will be able to continue your support as we make Amateur Radio and the League even stronger in the new year.

At the risk of missing groups I wish to thank, I will list as many as I can think of off the top of my head. Starting at the Section level I will identify all ARES (tm) members, Assistant ECs, ECs, DECs, Assistant SMs, the SMs, Volunteer Counsels, Volunteer Consulting Engineers and Official Observers. Of course, I must not overlook the Volunteer Examiners who provide so much in

giving licensing exams and the volunteer teachers who prepare candidates to take these exams. For so many of us, QSL Letter Managers and the Incoming QSL Bureau Manager provide a tremendous service. I will add to these each ARRL member and each official of each Affiliated Club. Moving to the Division level, I thank representatives to Advisory Committees to the board, Assistant Directors and members of the Division Cabinet.

Each of you is the true strength and make-up of Amateur Radio. Each of you is the reason ARRL exists and each of you is the reason the rest of the Board of Directors and I, the ARRL Volunteer Officers and our HQ staff work hard to give you ever-improving service. To the extent that we succeed in doing this, we are happy to have spent our time and effort for your benefit. To the extent our efforts have fallen short I can say that we apologize and pledge to do better in this new year.

If I have missed anyone who should have been included, I deeply apologize.

I never cease to be amazed at the fervor with which amateurs approach our great avocation.

+++ Sources of Inexpensive VHF/UHF Gear Coming? +++

More years ago than I'd like to recall, a tremendous source of inexpensive VHF and then UHF gear became available when business band mobiles moved from what then was wideband to narrowband signal transmission. This essentially started a move by many amateurs to 6M FM mobile and base. I, for one, obtained two 6M FM transceivers that once had traveled the streets of Atlanta, GA in taxicabs. One of these quite large (about 2' L, 15" W, 9"

(Continued on Page 9)

Upcoming Events

January

13th MARC Meeting 7:30 PM
Faith Church, Milford

20th CARES Meeting 7:00 PM

February

10th MARC Meeting 7:30 PM
Faith Church, Milford

21st CARES Meeting 7:00 PM

March

TBD Annual Birthday Party
NO Meeting

Great Lakes Division

Director

Jim Weaver, **K8JE**
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Mason, OH 45040-8130
513-459-0142
k8je@arrl.org

Ohio Section Manager

Frank Piper, **K18GW**

The winter 2009 Ohio Section

Journal is now available at:
<http://bit.ly/bue0xL>

OH Section News:

arrloho.org

Weaver's Words

www.weaver.gcara.org/

Check out what Jim has to say!

Culinary Cafe

Provided By Toni Friebele

It's cold outside, and there's nothing better than a big bowl of steaming soup or chili!

Sausage and Lentil Soup

1/2 pound sweet Italian sausage

- 1 large onion, chopped
- 1 stalk celery, finely chopped
- 1 tablespoon chopped garlic
- 1 (16 ounce) package dry lentils, rinsed
- 1 cup shredded carrot
- 8 cups water
- 2 (14.5 ounce) cans chicken broth
- 1 (28 ounce) can diced tomatoes
- 1 tablespoon garlic powder
- 1 tablespoon chopped fresh parsley
- 2 bay leaves
- 1/2 teaspoon dried oregano
- 1/4 teaspoon dried thyme
- 1/4 teaspoon dried basil
- 1 tablespoon salt, or to taste
- 1/2 teaspoon black pepper
- 1/2 pound ditalini pasta (optional)



Place sausage in a large pot. Cook over medium high heat until evenly brown. Add onion, celery and chopped garlic, and saute until tender and translucent. Stir in lentils, carrot, water, chicken broth and tomatoes. Season with garlic powder, parsley, bay leaves, oregano, thyme, basil, salt and pepper. Bring to a boil, then reduce heat. Cover, and simmer for 2 1/2 to 3 hours, or until lentils are tender. Stir in pasta, and cook 15 to 20 minutes, or until pasta is tender.

Sweet Italian Chicken Sausage and Tortellini Soup

- 1 (16 ounce) package al fresco® All Natural Sweet Italian Chicken Sausage
- 1 1/2 tablespoons extra virgin olive oil
- 5 cloves garlic



- 1/2 cup white wine
- 3 (14 ounce) cans low fat, low sodium chicken broth
- 18 ounces refrigerated cheese tortellini
- 1 1/4 cups fresh red tomatoes, chopped
- 6 ounces baby spinach leaves
- 1 tablespoon unsalted butter

Heat Dutch oven with 1/2 tsp of oil to coat and saute chicken sausage until browned and internal heat is 165 degrees. Remove from pan and slice into small pieces and set aside. Meanwhile, finely mince the garlic cloves. Heat remaining oil in pan, add garlic and saute for 30 seconds, stir in wine and broth and bring to a boil. Cook for about 2 minutes then add tortellini. Cook for another 5 minutes and then stir in spinach and tomato. Cook until the spinach wilts, 2 minutes. Return sauteed sausage pieces to the soup, cook for an additional 5 minutes add the butter and serve when butter is melted.

Chili Colorado

- 3 tablespoons all-purpose flour
- 1 1/2 pounds boneless pork, cut into 1 inch cubes
- 1 tablespoon bacon drippings, or vegetable oil
- 1 tablespoon vegetable oil
- 1 tablespoon all-purpose flour
- 1/4 cup chopped onion
- 1 (4 ounce) can tomato sauce
- 2 tablespoons chili powder
- 1 teaspoon cumin
- 1/2 teaspoon garlic powder
- salt and black pepper to taste
- 3 cups water



Place 3 tablespoons flour in a plastic bag. Add pork and shake to lightly coat with flour. Set aside. Heat bacon drippings and vegetable oil in a Dutch oven over medium high heat. Add pork and cook until meat is evenly browned, about 5 to 8 minutes. Stir in 1 tablespoon flour, and cook 3 minutes. Stir in the onion, tomato sauce, chile powder, cumin, garlic powder, salt, pepper, and water. Bring to a boil, then reduce heat to medium low and simmer until pork is just falling apart, about 1-1/2 to 2 hours. Ω

Meeting Minutes

Provided By Barb Steward, KA8AXY

NOVEMBER 11, 2010

The meeting was called to order by president Mike (AE8U) at 7:30 P.M. with the pledge and introduction of members and guest. There were 22 present.

ELECTION OF OFFICERS

Mike ask if anyone would be willing to run for the office of secretary, since Barbara said she would not be able to do it next year. Mike Kieffer (KD8OUT) said that he would be willing to run, so Bruce (AC8BT) made the motion to elect Mike and Bill (WS6K) seconded it, Mike was elected. The rest of the officers were elected by acclamation.

OFFICIER REPORTS

SECRETARY – Barbara (KA8AXY) said that Steve (K8JI) had e-mailed the minutes to the members so Al (AL8GY) made the motion to approve the minutes and Bill (WS6K) seconded it, motion approved. Barbara reported that were four tests given prior to the meeting and that there are three new tech. and one extra.

TREASURER – Jim (WB8RRR) handed out the treasurer’s report and Lyle (AB8SH) made the motion to approve it and Bruce seconded it , motion approved.

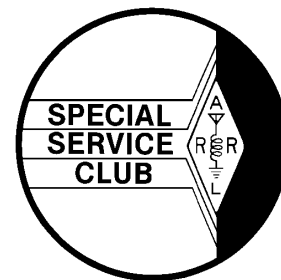
COMMITTEE REPORTS

FIELD DAY- Bill (WS6K) ask if anyone had suggestions for a place to have 2011 Field Day, several people suggested one of the schools and Dan (KD8FYR) offered the use of his camp near Felicity, Ohio.

EDUCATION – Lyle said that Mike, Al, and he were going to do al tech class for members of Scott’s church.

REPEATER – Bill has been working on the repeater.

INFORMATION – Al has been helping with the web site.



PUBLIC SERVICE – Dan said that the Miami Township parade is November 18th at 7 P.M. and that the Goshen parade is November 20th at 3 P.M.

MEMBERSHIP –Dave suggest that we let a list of hams in this area and invite them to our meetings.

OLD BUSINESS

CHRISTMAS PARTY – JIM (WB8RRR) said that the Christmas party would be at the Milford Masonic Hall on December 11th at 6:30 P.M. Everyone attending is to bring a covered dish and the club will bring the meat and drinks. Please contact Jim and let him know if you plan to attend.

ANNOUNCEMENTS

Jack Dumont has had surgery.

Dave’s grandson that lives near Kansas City will be marching in the Macy’s

Thanksgiving Day parade.

R&L is having there Open House on December 11th and that there will be test given prior to the Open House.

PROGRAM

We had a very successful question and answer session where you could ask anything you wanted about ham radio.

ADJOURNMENT

Rob (N8JMV) made the motion to adjourn at 9:30 P.M.

WEATHER SPOTTER TRAINING

Presented by
THE NATIONAL WEATHER SERVICE

A guest speaker from the National Weather Service will explain what conditions need to exist for tornadoes to develop.

Learn how to recognize various types of cloud formations and conditions that can spawn other dangerous weather situations.



Become a Weather Spotter for the National Weather Service!!!

New Richmond High School Auditorium

1131 Bethel-New Richmond Road

New Richmond, Ohio 45157

January 31, 2011 6:30 PM

Citizens, Volunteers, Police, Fire & EMS Personnel, School Groups, Scout troops, and anyone interested in weather activity, are encouraged to attend.

To register for this free training call the
Clermont County Emergency Management Agency at 732-7661

Northern Ohio Group Launches the Ohio Wide Area D-STAR Net

LorainCounty Ohio – In an effort to further amateur radio and the exciting mode of D-STAR the **Northern Ohio Digital Interconnect Group** along with amateurs in Greater Cleveland, Akron, Columbus, Cincinnati and Michigan have joined forces to form the Ohio Wide Area D-STAR Net.

This net will operate in conjunction with many existing D-STAR repeaters on the newly formed Reflector 38 Alpha (REF038A), along with several planed sites, to form a reliable network of communication to be used for training in the operation of D-STAR. It will also allow for a platform to test communication links in the event of an emergency or natural disaster within the state or surrounding areas.

D-STAR technology offers the unique ability for amateurs all over the state to educate each other & build friendships while testing equipment. This infrastructure could be used to provide a valuable service to the community. Whether it is communication for a multi county marathon, friends chatting from Akron to Cincinnati or relaying tornado damage from a stricken town across the state D-STAR has something for everyone.

Please join the weekly Ohio Wide Area D-STAR net Sunday January the 9th at 8:00 PM local time. Connection via repeater, dongle or DVAP can be made directly to reflector REF038A. All amateurs regardless of location or affiliation are encouraged to join in.

The Northern Ohio Digital Interconnect Group was formed by D-STAR users and enthusiasts from Lorain, Lake, and Cuyahoga counties to advance the technology by expanding D-STAR coverage in Northern Ohio.

D-STAR (Digital Smart Technology for Amateur Radio) is a digital 2-way radio network comprised of VHF and UHF repeater systems that can be interconnected via the Internet, on the fly. Advanced features include Automatic Unit ID, TXT/Instant Messaging and GPS unit location.

73,

Jeff Evans, KB8ZUN, WPXL235, Grid EN81

WA7BNM Contest Calendar



AWA Linc Cundall Memorial CW Contest	2300Z, Jan 12 to 2300Z, Jan 13 and 2300Z, Jan 15 to 2300Z, Jan 16
+ QRP Fox Hunt	0200Z-0330Z, Jan 14
+ NCCC Sprint Ladder	0230Z-0300Z, Jan 14
+ LZ Open Contest	0000Z-0400Z, Jan 15
+ Hungarian DX Contest	1200Z, Jan 15 to 1159Z, Jan 16
+ UK DX Contest, RTTY	1200Z, Jan 15 to 1200Z, Jan 16
+ Feld Hell Sprint	1600Z-1800Z, Jan 15
+ North American QSO Party, SSB	1800Z, Jan 15 to 0600Z, Jan 16
+ Run for the Bacon QRP Contest	0200Z-0400Z, Jan 17
+ QRP Fox Hunt	0200Z-0330Z, Jan 19
+ NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Jan 20
+ QRP Fox Hunt	0200Z-0330Z, Jan 21
+ NCCC Sprint Ladder	0230Z-0300Z, Jan 21
+ YL-ISSB QSO Party, SSB	0000Z, Jan 22 to 2359Z, Jan 23
+ SKCC Sprint	0000Z-0200Z, Jan 26
+ QRP Fox Hunt	0200Z-0330Z, Jan 26
+ NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Jan 27
+ QRP Fox Hunt	0200Z-0330Z, Jan 28
+ NCCC Sprint Ladder	0230Z-0300Z, Jan 28
+ CQ 160-Meter Contest, CW	2200Z, Jan 28 to 2200Z, Jan 30
+ WAB 1.8 MHz Phone	1900Z-2300Z, Jan 29
+ Classic Exchange, CW	1400Z, Jan 30 to 0800Z, Jan 31

<http://www.hornucopia.com/contestcal/index.html>

Google's Android in Space with APRS



KJ6ELP

With the help of Gregory Klein KJ6ELP of Cupertino, C. Science and HAM Radio technology helped put Google's Android into Space.

Here at Google, we're all about exploration. It's no surprise that some of our favorite products are built to let you explore the world in ways never before possible. Google Maps lets you find your way all around the world. Google Earth lets you explore the planet in detail, complete with trees and oceans. And Google Sky Map lets you explore the skies right from your Android device. Well, we wanted to do a little exploring of our own, so we decided to venture into near space, with the help of some Androids.

Recently, we travelled to Lone, CA and sent seven payloads up, up, and away into near space, each equipped with a [Nexus S](#). We took some cues from others who have sent homemade weather balloon rigs far up, and we wanted an opportunity to collect some interesting data about the sensors in Nexus S – GPS, gyroscope, accelerometer, and magnetometer. We also couldn't resist what looked like a great way to spend a weekend. Sending the balloons up also gave us an opportunity to capture some [stunning imagery](#) and videos of Earth. Take a look at unaltered footage of an Android at over 100,000 ft above the Earth's surface:

The Rig

How did we get our [little Android commanders](#) that high up? Well, first the Android platform provides a robust development environment and Nexus S has a great set of embedded sensors, both of which made it easy for us to write the apps we needed for this project. Going forward with other similar projects we have an open environment that we can modify at any level necessary. We then worked with UCSC student [Greg Klein](#) to prepare each of the payloads, which were housed in foam coolers. We secured a nylon load line to the cooler and attached to it a radar reflector, a parachute, and finally, a [weather balloon](#). Every payload had an APRS transmitter attached to a GPS that was known to work at high altitudes, as well as batteries for power. The remainder of each payload was different for each balloon: some had digital cameras

taking pictures and some had video cameras mounted at various angles (up, down, and at the horizon).

These phones were running [a variety of apps](#): Google Maps for Mobile 5.0 (with offline map data) which allowed us to see what was directly below the balloon, Google Sky Map to see if we could identify the real stars in the backdrop, Latitude to report location when the phones had a data connection, and our own custom sensor logging app that sampled all the available sensors on the device. We even manned our payloads with some special astronauts: small Android robots, and [boy did they fly](#). Check out an in-depth look at how we prepared and launched the payloads:

What We Found

The payloads collected a lot of data, and many reached high altitudes, with the highest topping out at 107,375 ft., over 20 miles high, or over three times the height of an average commercial jet. We also clocked one of the payloads at 139 mph at its fastest.

In tracking the sensors on each of the phones, we observed that the GPS in Nexus S could function up to altitudes of about 60,000 ft. and would actually start working again on the balloon's descent. We also saw that Nexus S could withstand some pretty harsh temperatures (as low as -50°C). Some interesting data we collected:

- Maximum Speed: 139 mph
- Maximum Altitude: 107,375 ft (over 20 miles, over 30 km)
- Maximum Ascent Rate: 5.44 m/s
- Average Flight Duration: 2 hours, 40 minutes
- Average Descent Time: 34 minutes

In the end, the team recovered all of the payloads sent up, we even [recovered the payload we sent as a test a week prior](#) to the actual launch. We had a blast taking Android all the way up to near space. If your interested in launching a balloon of your own, [click here for more info](#). We have more exciting things coming your way as we use the openness of the Android platform to experiment here at mission Android headquarters.

*Special thanks to Arshan Poursohi, Greg Klein, and Tommy Nourse for all their help.

Posted by Zi Wang, Captain, Mission Android Headqtrs.

VIDEO LINK:

<http://www.youtube.com/watch?v=x8XjlkdUQns>

Article Link:

<http://googlemobile.blogspot.com/201...-spaaaace.html>

(Continued from Page 3)

ARRL – Weavers Words

H) ended up in the car and the other in the shack. This was before commercially-built ham 6M FM rigs were generally available. Obsolete take-out FM rigs also sparked the development of 2M repeaters, the move of amateurs to this band, and the development and marketing of ham FM gear.

A similar situation may occur as the FCC pursues the move of commercial FM users to adopt still more narrow emissions. In case you haven't heard, FCC has mandated that "On January 1, 2013, all public safety and business industrial land mobile radio systems operating in the 150-512 MHz radio bands must cease operating using 25 kHz efficiency technology, and begin operating using at least 12.5 kHz efficiency technology." The notice is available at <http://www.fcc.gov/pshs/public-safety-spectrum/narrowbanding.html>.

What this will mean to the availability of quality, obsolete mobile and base rigs to amateurs can only be speculated. Whatever happens should not be bad for us. Amateurs who are willing to make a few, modifications to the take-out rigs may reap considerable benefit.

+++ This Month's Final +++

As the Tentative Travel, Hamfest and Activity Schedule, below, indicates, the ARRL Board of Directors will be held January 21 and 22.

It will be preceded by meetings of the Programs & Services Committee and the Administration & Finance Committee (A&F). There is nothing unusual about this. What is different is the means of enhanced oversight of HQ activities that A&F with the cooperation of CEO Dave Sumner, K1ZZ, has been able to implement. This new arrangement should improve understanding between the Board and staff of the progress of major projects and the capacity of Staff to manage additional projects. One benefit to members should be increased productivity.

DXØDX Postponement

Chris de VK3FY

To the DX Community at large – It's with regret that as Team Leader, I have to announce the postponement of the DXØDX Spratly Islands DXpedition 2011, due to circumstances beyond the control of the DXØDX Team.



Our situation began when our original mode of transport by ship was terminally damaged back in late October 2010. We then went to our contingency plan which was to fly in, as there were no ships deemed to be safe and provided facilities for safe passage to Pag-Asa, available. We had landing permission and booked the correct sized aircraft and with the security cleared pilots. To simplify it, there was conflicting agreements and hence the aircraft could not get approval of its flight plan.

The bottom line is this. We have a license, we have authority to land via ship, hence when the ship becomes available in the near future, it is my intention to activate this entity in 2011.

The team has worked tirelessly to remove the hurdles that were placed before the them in the last minute. As time was running out for this window of opportunity, and before more operators become stuck here in Palawan, the decision was made to postpone the activation.

A call was placed to PARA advising them that a postponement of the activation would be sought to a date in the near future, where the activation will look at again taking place.

All equipment will need to be exported out of Philippines to comply with current Philippine Customs Law in which it was brought into the country.

The plan is to be re-assessed so the current operators have the first opportunity to be on this future trip. Once more information is at hand, I will advise the DX Community.

Regards
Chris de VK3FY
Team Leader DXØDX

Zen and the Art of Radiotelegraphy

By Dan Romanchik, KB6NU

One thing that I find amusing about Morse Code is that the more people claim that it's dead, the more people there are that rise up to defend and promote it. Note that I said "defend and promote it," not actually use it, but that topic is for another column.

Having said that, let me direct you to a new tome on our ancient art, Zen and the Art of Radiotelegraphy by Carlo Consoli, IK0YGJ. This book is available as a free download in the original Italian (http://www.gsl.net/ik0ygi/enu/ZART_ita_v20100826.pdf) and in an English translation (http://www.gsl.net/ik0ygi/enu/ZART_r20101008m.pdf).

What makes this book different from others is that instead of concentrating on the mechanics of learning and using Morse Code, the author spends a good deal of time talking about the psychology of learning this skill. To succeed in learning Morse Code, Consoli advises that we need to change our approach to learning:

"When learning CW, therefore, we must establish a new component in our self-image and, when doing so, we need to be relaxed. Always practice during the same time of day and in a place where you can experience positive feelings of comfort and pleasure. When we make a mistake we are always ready to blame ourselves. This is the way we learnt from our environment during childhood, often accepting any fault as our own error or weakness.

This potentially destructive mechanism can be used to build a positive self-image, rather than demolish it. A mistake must be considered a signal, pointing us in the right direction. If you fail, let your mistake pass away, with no blame or irritation. Learn CW in a relaxed mood, enjoy the pleasure of learning something new, repeat your exercises every day and be confident in the self-programming abilities of your self-image. Just a few minutes a day: you can take care of your 'more serious' stuff later on."

Consoli also has some interesting things to say about getting faster. He agrees with me that it's essential to abandon pencil and paper and start copying in one's

head. We also agree that at this point, you need to start using a paddle instead of a straight key.

He has analyzed the situation a lot more than I have, though. When hams ask me how I learned to copy in my head, all I can do is to relate my own experience, which is that one day, I just went cold turkey. I put down the pencil and paper and never copied letter-by-letter ever again.

Unfortunately, that doesn't seem to work for a lot of operators. If that doesn't work for you, Consoli says that what you need to do is to program yourself to copy in your head. You do this, he says, by relaxing and visualizing. Visualize yourself as a high-speed operator, and one day, you will be one.

That seems to have worked for him. He is a member of the Very High Speed Club (VHSC), First Class Operator's Club (FOC), and has been clocked at copying over 70 wpm.

Will it work for you? I'm not sure, but if you haven't been successful with other methods to improve your code speed, then Consoli's methods are certainly worth a try.

When not pondering the psychology of operating CW, Dan actually operates CW. You'll find him almost every day on either 40m, 30m, and as we transition to winter here in North America, 80m. You can e-mail him with comments or questions at cwgeek@kb6nu.com.



ARRL, 1959-1964

(Continued from last month)

Provided by Jim Linn, **WB8RRR**



The Quickened Pace

In 1958 the Board set up a Building Committee looking forward a new headquarters. The group first examined a possible move of the headquarters to the center of the U.S.

It was once again concluded that business and personnel problems it would entail far outweighed possible benefits.

After extensive examination, the decision was made to construct a new building to the League's own specification, on the seven-acre W1AW plot in Newington. Members were asked in an editorial whether the League should use its reserves or conduct a building fund drive. Letter response was overwhelmingly in favor of the fund drive, and the Board authorized action along

those lines. Although the campaign has been very low-pressure compared to the campaigns carried on by other institutions, in less than three years more than 90% of the goal has been reached in actual money, not merely pledges. In the summer of 1962 construction began, and was completed by the end of June 1963.

The ARRL has emerged from the shadow of a local radio club in 1914 to position of strength and leadership in 1964.

With a membership aware of long-term and continuing problems, with an alert and vigorous Board, supervising the activities of a knowledgeable and experienced staff, and with a building adequate for a lot of future growth, there is every indication that the second fifty years of the League will write a record even more impressive than the first.

(Stay tuned for more next month)

(taken from 1st addition 3rd print "Fifty Years A.R.R.L." Historical articles from the 1964 issues of QST) Ω

For Sale or Wanted

Scott Henninger, W8GS

Four bedroom, 2 ½ bath, half-acre partially wooded lot with 64 ft self-supporting tower located off Wards Corner Rd. less than 5 minutes to I-275 in Clermont County. Available in late March or early April. For more information, pictures, etc. , call Scott Henninger 513-683-7373 or email W8GS@aol.com

Steve Palmer spalmer1@cinci.rr.com

I have a 12 foot diameter Black Magic antenna in my back yard which I would be happy to donate to the club if it can be used by anyone. I used it years ago to track commercial satellites just for fun. If there is someone who can use it they would have to remove it, not a small job. I was just going to trash it but thought since it still works and I have all the parts then perhaps it can be of some use.

Anyone interested can come over and examine it. Please call me ahead of time that would work. I have all the paper work on the unit.

Lyle, **AB8SH** 315-4032

I have a bunch of Hamsticks I'm probably never going to use from 40m to 12m...some are real Hamsticks, some are off-brands...\$10 each - Lyle

Call or email Steve k8ji@arrl.net to put your ham items in next month!



AMSAT News



Satellite Shorts From All Over

SB SAT @ AMSAT \$ANS-009.02
51 Power Management Update
From AMSAT HQ SILVER SPRING, MD.
January 9, 2011

Mark Hammond, N8MH notes that AO-51's power management feature has been operational now that this satellite is entering eclipses and its batteries cannot maintain full power when the solar panels are not being illuminated.

Mark noted, "The good news is that eclipses are pretty short right now and are occurring at early local time in the Northern Hemisphere. So many aren't even awake yet. Looking longer term--by early March 2011 we will have a period of full sun again, that lasts a couple of months. Then we are back into eclipses for a long, long time --and we'll have eclipses that will get up to 30 minutes in length! If that's over your QTH, that means you can't work AO-51 potentially for a whole pass. Final operating details remain to be determined to see exactly what the orbit and eclipses will look like at that time."

Mark has posted a file at: <http://tinyurl.com/2358a3x> (amsat.org) captured during the January 4 solar eclipse. You can see the normal eclipses of AO-51 every 100 mins (just over 14 times each day). Now, look right in the middle--see what is a double dip? That is a normal eclipse AND an extra one from the partial solar eclipse.

The AO-51 Command Team requests that users continue to post their observations of AO-51's operating condition on the Live OSCAR Satellite Status Page: <http://oscar.dcarr.org/index.php>.

Keep up to date with the latest Command Team and Operations Group AO-51 News at: <http://www.amsat.org/amsat-new/echo/CTNews.php>

[ANS thanks Mark, N8MH, for the above information]

/EX

SB SAT @ AMSAT \$ANS-009.04 ARISSat-1/RadioSkaf-V Update

The ARISSat-1/RadioSkaf-V team has faced a number of challenges since the two amateur radio experiments were crated and shipped to NASA Johnson Center in early October.

However, Gould Smith, AMSAT's ARISSat-1 project manager recently told ANS that, "We are very pleased to report that the flight unit and backup arrived in Moscow on December 8th, 2010 and were delivered to RSC-Energia in Moscow on December 29th, 2010.

We now understand that the Russian team is working on testing and integrating the Kursk Experiment and Silver-Zinc battery into the flight unit during their Russian Orthodox Christmas holidays." Gould went on to note that the flight unit is still scheduled to fly to the Baikonur Cosmodrome on January 11th, 2011 where it will be attached to Progress vehicle 41P. The Progress vehicle is scheduled to launch up to the ISS at the end of January.

Once ARISSat-1 is on board the ISS, crew members will re-attach the handles, install the battery, replace the dummy loads with the real antennas and perform a quick power-on test. The Extra Vehicular Activity (EVA) to deploy the satellite is still scheduled for the end of February 2011.

Needless to say, the ARISSat-1 team is excited about all the effort being made by RSC-Energia to complete integration, and remains cautiously optimistic that all will continue to go according to schedule.

[ANS thanks Gould, WA4SXM, for the above information]

/EX

In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

73,
This week's ANS Editor,
Lee McLamb, KU4OS
ku4os at amsat dot org

Milford Amateur Radio Club

3844 Palmer Court
Cincinnati, OH 45245

ADDRESS CORRECTION REQUESTED



«AddressBlock»

Upcoming Events

March

11th MARC Annual Birthday

Programs

MARC Dues are Due!

Don't forget to pay your 2011 Dues at the meeting or send a check to our club address.

Please let me know if you or someone you know in the club would like their newsletter sent via the USPS in addition to email!



Next MARC Meeting – January 13th