

# The Hertzian Herald



March 2011 • Volume 35, Issue 3 • Monroe, Michigan, U.S.A. • www.mcrcra.org

## ON the AIR with **K8MLH**



I thought the January weather was unusual - February brought the snowiest month in many years. Not only snow, but extremes in temperature - sub-zero to 50s in the same week - also resulted in rain, sleet, snow, more rain and so on. Now as we enter the flood season (were under a Flood Watch as I write this) make sure you are careful as you drive or help others who get caught in the deep waters.

You have probably heard that our 440 MHz band is being attacked by a bill introduced into the US House of Representatives. In its current form, HR 607 would take away the 420-440 MHz segment presently allocated to Amateur Radio on a secondary basis as our 70 cm band. Along with certain other segments not allocated to Amateur Radio, the 420-440 MHz segment would become part of a spectrum "give back" involved in allocating 758-763 and 788-793 MHz for a Public Safety broadband network. (Borrowed from Weavers Words dated 3/7/11)

If you havent done so already, please let your US Representative know you oppose the present bill, go to <http://www.kd4pyr.net/hamletter.htm> and follow the simple instructions.

The ARRL represents our interests in such issues. When they deal with governments, regulations and laws, the number of people who voice their viewpoint vs. those who remain silent is often very important. This is one of the reasons I encourage non-member amateurs to join and support ARRL. The axiom, "the more the merrier" is true (Borrowed from Weavers Words again). The ARRL e-mails its members requesting that we participate in letter writing campaigns such as the above. Additionally, by simply having the large membership behind them, the ARRL carries a lot of weight in their discussions with members Congress.

If you are not a member of the ARRL, please consider joining today. They even have a program where if you join (or renew your membership) through the MCRCA, the Club can benefit financially. We are allowed to keep \$15 of the first years dues or \$2 for those who renew their membership.

On the local front, TMRA will be having their 2011 Hamfest on March 20<sup>th</sup> at Owens Community College (same location as last year). I have been offered the opportunity to do a forum on Fox Hunting. I will be doing the same presentation at this months MCRCA meeting to stir up more interest in our Fox Hunts. The Fox Hunting season will start in May - watch for more information on that in next months Herald. I am looking forward to another fun year searching for the elusive fox (N8KUF and W8EFK for the first hunt). If you have not participated in a hunt yet, come out and join the fun. If you dont have the needed equipment, we can pair you up with someone who does. If there is enough interest, we can plan a project day to build an antenna or a foxbox or an active attenuator. Talk with me if you would like additional information.

(continued page 3)

### Club Officers

#### PRESIDENT

Mike Hall K8MLH  
mlhall54@chartermi.net

#### VICE PRESIDENT

Wes Busdiecker KC8SKP  
busdiecw@netscape.net

#### SECRETARY

Brenda VanDaele KB8KQC  
ka8ebi@yahoo.com

#### TREASURER

Fred VanDaele K8EBI  
ka8ebi@yahoo.com

#### DIRECTOR

Paul Trouten W8PI  
ptrouten@aol.com

#### DIRECTOR

John Bills N8RWI  
n8rwi@yahoo.com

#### DIRECTOR STATION TRUSTEE

Rita Baker WB8FBG  
wb8fbg@chartermi.net

### Inside This Issue

Minutes.....	2
HR 607.....	3
MI QSO party.....	4
A Ham.....	5
Cable Lacing.....	6
425 DX.....	7

## MCRCA Minutes:

February 17, 2011

Meeting called to order at 7:32 pm, by Mike K8MLH

Pledge of Allegiance

Introductions: no new members, upgrades or guests.

PROGRAM: Video - Space Station Crew used HAM Radio to call Earth.

BREAK

DOOR PRIZE DRAWING: Mike K8MLH, Clarence KD8MGT, Dale WA8EFK

50/50: Tim KD8KHX

MINUTES: Motion by Paul W8PI, supported by Tim KD8KHX, to approve as written in the Herald. Approved.

TREASURER REPORT: Motion by Tim KD8KHX, supported by Wes KC8SKP, to approve the treasurers report as passed out to the membership. Approved.

DX REPORT: Feb. 19-20 [International DX Contest - CW](#), March 5-6 [International DX Contest - Phone](#) Cameroon, Africa, and a lot of other DX out there.

FUTURE PROGRAMS: Paul W8PI Digital Sound Card modes of operating.

HERTZIAN HERALD: Send your articles or other information.

TESTING: Next session February 19<sup>th</sup>.

ARPSC: Mike N8KUF reported that the meeting last Thursday went very well. There was a video of people in charge at an accident scene on a highway, with discussion after about techniques used. There was talk of holding the ARES meeting every month again instead of bi-monthly. Skywarn training should be coming up soon as Spring is near.

RRRA: Dale reported that there are 5 voice and one digital repeaters up and running and the RRRA could use your support. Please join the RRRA your dues will help keep everything up and running.

OLD BUSINESS: Mike N8KUF reported on the purchase of a second 2m/440 radio for the Comm. center and its upcoming installation when the weather breaks.

NEW BUSINESS: Motion by Paul W8PI and seconded by Dale WA8EFK to sponsor an award given by the Mad River Radio Club for the Michigan QSO Party contest April 16,17, 2011. Approved.

ANOUNCEMENTS: Dale WA8EFK announced that House Bill 607 has been introduced that may take away some of the 440 spectrum. We may be called upon to write to our representatives to fight this Bill.

Mike N8KUF suggested that our club participate in the upcoming MI QSO Party April 16 & 17, 2011 using the new HF radio in the Comm. Center at the Red Cross. We are looking for someone to spearhead this effort. <http://www.miqp.org/>

It was mentioned at the meeting that Vans appliance in Ida will closing April 1<sup>st</sup>.

ADJOURNED: 8:37 pm

ATTENDANCE: 17

K8MLH Mike  
KA8PQH Neil  
KC8RQI Terry  
KD8KHXTim  
N8KUF Mike  
WA8EFK Dale

K8OCL Patrick  
KB8KQCBrenda  
KC8SKP Wes  
KD8MGTClarence  
N8LLB Carl  
WB8SEZOlimpio

KA8EBI Fred  
KC8AZZPeter  
KD8BBF Ed  
KD8OSKMike  
W8PI Paul

## Committees

### Classes

Rita Baker WB8FBG

### Club Station

Rita Baker WB8FBG

### DX Net

Olimpio Varsogea WB8SEZ

### Field Day

Jeff Breitner KA8NCR

### Finance

Paul Trouten W8PI (chair)  
Fred VanDaele KA8EBI  
Dale Williams WA8EFK

### HamFest

Fred VanDaele KA8EBI

### Hertzian Herald

Fred VanDaele KA8EBI

### Historian

Nick Peth AF8CS

### Public Relations

Jeff Breitner KA8NCR

### Scholarship

Fred VanDaele KA8EBI

### School Liaison

Eric Worstell KC8QAH

### Programs

open

### Membership

open

### Planning

open

### Property Custodian

open

January brought the time to renew your membership in the MCRCA. If you have not done so yet, please see Fred to pay your dues. You can also pay him for your RRRRA membership dues. If you are not a member of the RRRRA, please consider joining to support the fine job they do in maintaining the Monroe 72 repeater and the many extensions of that system. Without the repeater system, our communications on 2 meter would be much more complicated and difficult.

We will see you at the meeting Thursday night.

Mike Hall - K8MLH

MCRCA 2011 President

## Legislative News: ARRL Members Respond to HR 607

Last month, a bill was introduced in the US House of Representatives that addresses certain spectrum management issues, including the creation and maintenance of a nationwide Public Safety broadband network. This bill — HR 607, known as *The Broadband for First Responders Act of 2011* — if passed, also calls to auction off parts of the 70 cm band, namely 420-440 and 450-470 MHz. As such, the ARRL asked its members to write their Representative, asking them to not support HR 607 in its current form.

According to ARRL Regulatory Information Manager Dan Henderson, N1ND, Chwat & Co — the ARRL's legislative relations firm in Washington, DC — received almost 1000 letters from League members in opposition to HR 607. "This is a great start and many thanks to the diligent members who have risen to the challenge; however, it cannot stop there. As long as HR 607 is in its current form, we must continue this campaign." He clarified that the ARRL opposes HR 607 *in its present form*: "We do not oppose the concept of dedicated spectrum for the development of a Public Safety infrastructure and wireless network. We object to the bill because of the inclusion of 420-440 MHz as part of the spectrum to be swapped and auctioned to commercial users." Click [here](#) for some pointers for writing letters in opposition to HR 607.



ARRL Regulatory Information Manager Dan Henderson, N1ND, gives some hints for how to draft a letter to your Representative in opposition to HR 607.

## TMRA Hamfest Sunday, March 20th.

### TMRA TECH CLASS

When: Saturday, Apr 2, 2011 (part 1)  
2nd date is Sat April 16 2011 (part 2)

Where: Lucas County EMS, Jefferson Ave. and N. 22nd Street

Contact Steve, KC8TVW, for more information. [KC8TVW@ARRL.NET](mailto:KC8TVW@ARRL.NET) - (419)467-3734

## MiQP For First-Timers

By Dave Pruett, K8CC

The Michigan QSO Party (MiQP) is an operating event held annually with Michigan as the center of attention. This is a quick overview for those new to MiQP, to explain what it is and to offer encouragement to jump in and participate.

First of all, what is a "QSO party"? Over the years, this term has come to define an on-the-air operating event focusing on a particular geographic area. Amateurs inside the target area (in this case Michigan) earn points towards their QSO party score for making contacts with other amateurs located anywhere, while amateurs outside of the target area get QSO party points only for contacting amateurs inside the target area.

Perhaps the next question is: "Is the MiQP a contest?" Yes it is - the entrants are participating against one other and plaques/certificates are awarded after it is over. But don't let that scare you off - the MiQP is a lot less intense than other contests you might be familiar with, such as Sweepstakes, DX contests, or even Field Day. The bands are not as crowded as during those other events, and the operating style is a lot more relaxed. It's a great venue for a first-timer to get started.



Why might you want to participate in the MiQP? First of all, it's a great opportunity to hone your HF operating skills or work the bugs out of your HF station. MiQP can provide a concentrated dose of operating that will crack the rust off your CW ability or brush up on your phone operating techniques, skills that you can use in other on-the-air activities.

The fun thing about MiQP for Michigan amateurs is that we are the center of attention. When a Michigan station calls "CQ MIQP" there will usually be several replies. Many MiQP participants make several hundred contacts during the event, even with modest stations such as barefoot transceivers and dipoles. For many, there is a tangible feeling of camaraderie as you work fellow Michiganders, some located in sparsely populated counties with exotic names like Chippewa, Missaukee, or Presque Isle.

What does it take to participate in the MiQP? All it takes is to get on the air during the MiQP period and make contacts with other participants. When it's over, mail in your log if you like so that it can be checked and your score included in the results; you may even win a certificate or plaque. If you include your radio club's

name in your entry, then your score will be tabulated along with other member's scores in a separate sub-competition to determine the top club in the MiQP that year.

When does MiQP happen? MiQP occurs on the Saturday of the third full weekend in April every year. For **2011**, the starting date for MiQP is **Saturday, April 16<sup>th</sup>**. The contest period **begins at noon** local time here in Michigan (1200 EDST or 1600Z) and runs for twelve hours to **local midnight** the same day (2400 EDST or 0400Z on April 17<sup>th</sup>). The contest period was deliberately chosen to be easy to fit into your weekend schedule - you can get up Saturday morning, get some chores or family activities done, and sit down for an afternoon or evening of operating and still have Sunday free.

Making MiQP QSOs is easy. You operate on any of the "traditional" HF bands (i.e., no WARC bands) from 80 thru 10 meters. The exchange is your QSO number for that contact - i.e., the first is 001, the second 002, etc., plus your Michigan county. On CW, just about everyone uses the official county abbreviations from the list on the MiQP web site. Stations outside of Michigan will send their QSO number and state or province abbreviation.

What can you win for participating in MiQP? The winner in each major category plus the top Michigan club receives a beautiful 10" x 13" plaque like the one shown at left. The top single-operator score in each Michigan county making at least 50 QSOs wins a handsome certificate.

To learn more about MiQP, check out the Michigan QSO Party web site at <http://www.miqp.org>. There you will find a wealth of information including complete rules, contest forms (summary, log, and multiplier count sheets), a list of county abbreviations, results from MiQPs of past years, operating tips and links to free logging software.

*The MCRCA club will operate during this event at the Red Cross Communications Center on N. Dixie Hwy. We are looking for operators to help work the new HF radio. If you want to help out please email Fred KA8EBI at [ka8ebi@yahoo.com](mailto:ka8ebi@yahoo.com) to get your name and time slot on the schedule. This contest is more relaxed than most and very easy to operate, so you can get your skills honed during this contest. Fred will pass around a schedule at this Thursday's meeting if you want to sign up then.*

## You're A Ham

35 ways to spot a Radio Amateur

From the web site of the West Tennessee Amateur Radio Society <http://www.qsl.net/wtarc/youreaham.htm>

You might be (and probably are) an Amateur Radio operator, if:

1. You have bought black electrical tape in ten packs.
2. You have stripped wire with your teeth.
3. You have told your child, "One day, all this will be yours," and he or she did not respond at all.
4. You would rather help another Ham friend to hook up new equipment, or to put up a new tower, than to mow your own lawn.
5. You have grabbed the wrong end of a hot soldering iron.
6. You have gotten an RF burn from your own antenna.
7. You have given out RST reports while you were on the telephone.
8. When the microphones or visual aids at a meeting did not work, you rushed up to the front to fix them.
9. You have told the XYL, when she noticed a new rig in the shack, "Why, that has been there for years."
10. You have set your watch to UTC only.
11. You have had to patch your roof after an antenna project fell onto it.
12. You have put a GPS tracker in the XYL's car or on the riding mower, just so you could watch it on APRS.
13. You have tapped out "CQ" or "HI" on the car horn in Morse Code to another Ham.
14. Your teenager has refused to ride in your car because it looks like a porcupine.
15. You know the Latitude, Longitude, and Elevation of your home QTH.
16. You have gone into the local Radio Shack store, and the store clerk has asked you where something is and how it works.
17. You have answered the telephone with your call sign, and then finished the conversation with "73" and your call sign.
18. You have looked for antennas, radios, and Morse Code in movies and television shows.
19. When you look at anything made of wire or metal tubing, you wonder if it could be used as an antenna.
20. Your call sign is listed on one or more of your hats, T-shirts, or other garments.
21. You regularly carry one or more tools in your pockets at any given time.
22. When any kinds of batteries go on sale, you get really excited.
23. When you look at a barbecue grill, it creates ideas about ground plane antennas.
24. You have designated all your friends as Hams or Non-Hams.
25. You have referred to your Ham friends by their call sign suffixes instead of their real names.
26. You have intentionally confused Non-Hams by telling them that the only things you talk about on the air are pork products.
27. You have intentionally scared Non-Hams with the word "RADIATION"!
28. You have looked at telephone poles and power line towers as potential antenna supports.
29. You have thought you were still hearing CW, SSB, or SSTV tones, even when your Ham radio was off.
30. Your Go-Bag has more clothes in it than your dresser does.
31. You have a SKYWARN sticker on your back window.
32. Your significant other sits in the back seat, and your radios ride in the front.
33. Your neighbors wonder if you are a "Narc" (narcotics officer), a Spy, or a Federal Agent.
34. The cops pull you over because they want to see the inside of your car.
35. Your cell-phone's ring tone is your Ham radio call sign, sent in Morse Code <http://www.planetofnoise.com/midi/morse2mid.php>.

The West Tennessee ARS ask - "Does anyone know who is the original author of the first 30 lines above? If so, please e-mail kb4rpv at arrl.net so credit can be given for the correct author. Most of these were adapted from the website of Colby Gilliam, KE4FVU." <http://www.qsl.net/wtarc/>

(Thanks to Tom KG8P for this article)



## The Lost Art of Cable Lacing

By Dan Romanchik, KB6NU

The Make: magazine blog is a wealth of information for amateur radio operators. Recently, they ran a post on what they consider to be on the "lost technology" of cable lacing <<http://blog.makezine.com/archive/2009/07/lost-knowledge-cable-lacing.html>>.

The blog post does a great job of explaining the technique and includes several illustrations. One of them <[http://cdn.makezine.com/make/blogs/blog.makezine.com/upload/2009/10/lost\\_knowledge\\_cable\\_lacing/cableLacing6b.gif](http://cdn.makezine.com/make/blogs/blog.makezine.com/upload/2009/10/lost_knowledge_cable_lacing/cableLacing6b.gif)> is a drawing from an old ARRL handbook. There are also a link to the Wikipedia page on cable lacing <[http://en.wikipedia.org/wiki/Cable\\_lacing](http://en.wikipedia.org/wiki/Cable_lacing)>.

Nowadays, we mostly use zip ties to bundle cables, but there are disadvantages to using them. For one thing, to apply them properly, you should have a tool that controls how tightly the zip tie holds the wires. This is to prevent crushing the insulation.

Also, I've found that zip ties don't do so well when the cable has only two or three wires. They're just not designed to hold so few wires. I think that cable lacing would do a much better job of keeping a small bundle of wires together, say wires that connect front panel components to a PC board.

Cable lacing certainly looks much cooler than zip ties. This is the perfect technique for those homebrewers that want to make their projects look great as well as work great.

I asked on my blog, "Now, where can I find the 'wax-impregnated cotton or twine'?" and my readers came through. Hamilton said, "Apparently you find wax string here: <http://www.kitkraft.biz/product.php?productid=1496>. I remember using it for something as a kid, but I can't place it." Ron McKenz wrote, "I notice that a number of telco vendor sell waxed lacing cord. Here are a few

URLs: <http://www.sourcetelsupply.com/catalog/index.php?cPath=27>, <http://www.tessco.com/yts/resourcecenter/pdfs/clablelacing-FAQ.pdf>, and <http://www.oelsales.com/product.cfm/267/>.

Ned, WB4KBO, said, "I would suggest a large roll of dental tape and a large-diameter curves sewing needle for fabricating harnesses. I was told that this was the material of choice for lacing harnesses when i worked at Heath Company many years ago. Makes sense to me. Buy it at Meijer for an occasional harness, or a dental wholesale supply house if you are going into production. Also great stuff for kite rigging, vine lacing and many other things."

Mike, WA6ARA wrote, "What you want is Mil-T-43435. It is better than a cord, it is a flat weave tape, nylon, and waxed. It is made for cable lacing but is use now in the parachute industry as "super tack". Item T1050 at <http://www.paragear.com>"

So, there you have it. Links to show you how to do it, and a couple more links for where to find the lacing material. I now expect all of our homebrew to look a lot neater.

=====

When not worrying about how to lace cable instead of using zip ties, Dan, KB6NU, blogs about ham radio at [www.kb6nu.com](http://www.kb6nu.com), teaches ham radio classes, and operates CW on the HF bands. Look for him around 7.030 MHz or e-mail him pictures of your beautifully-laced cables at [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com)



DX Net, Tues. 8:30pm  
Olimpio Varsogea  
WB8SEZ



The editors of 425 DX News Mauro and Valeria Pregliasco (I1JQJ and IK1ADH) are the first Italian inductees into the CQ DX Hall of Fame (May 07)

till 05/03	HH4/K4QD and HH4/AF4Z: Haiti	1032	till 31/12	CW5RV: special callsign	1028
till 05/03	VK9C/G6AY: Cocos (Keeling) Islands (OC-003)	1017	till 31/12	GB65ISWL: special callsign	1026
till 05/03	ZY8P: Penguicas lighthouse	1033	till 31/12	HB60LU: special event callsign (Switzerland)	1029
till 06/03	J79AN: Dominica (NA-101)	1033	till 31/12	HG200LST: special event callsign	1025
till 07/03	6V7T: Senegal	1033	till 31/12	IA7MM: special event station	1025
till 07/03	9K2F: Faylakah Island (AS-118)	1035	till 31/12	I11ITA, I15ITA, I10ITA: special callsigns	1022
till 07/03	PJ7DX: Sint Maarten (NA-105)	1034	till 31/12	I11TO: special callsign	1030
till 07/03	TG7/N6HD: Guatemala	1032	till 31/12	PI30ETL: special event callsign	1025
till 08/03	5H: Tanzania * by IK2GZU	1027	till 31/12	R11ANC: Vostok Station, Antarctica	1019
till 08/03	FM/KL7WA and TO7A: Martinique (NA-107)		05/03-15/03	N0TG/CY0, K8LEE/CY0, N1SNB/CY0: Sable Island (NA-063)	
till 08/03	HC1MD/HC4: Ecuador	1033	05/03-20/03	I10ICH: La Maddalena (EU-041)	1031
till 08/03	KG4AS, KG4KL, KG4SS, KG4WV: Guantanamo Bay		05/03-20/03	I10IDP: Sardinia (EU-024)	1031
till 08/03	V31AM: Belize	1034	05/03-09/03	PY2XB/1: Ilha Grande (SA-029)	1035
till 10/03	J37BO and J37RO: Grenada	1031	05/03-15/03	XU7AFU: Cambodia	1025
till 10/03	J38RF: Grenada	1031	06/03-16/03	V5/ZS6AYU: Namibia	1035
till 11/03	EG8ISS: special event station	1032	06/03-18/03	VX3X/W4: Key West (NA-062)	1031
till 13/03	4S7KKG: Sri Lanka	1024	07/03-12/03	VP9/AA1AC: Bermuda (NA-005)	1033
till 14/03	J88DR: St. Vincent (NA-109)	1032	07/03-11/03	ZL/GD3OOK: Waiheke Island (OC-201)	
till 15/03	LU1ZS: Teniente Camara Base, South Shetlands (AN-010)		08/03-13/03	P40D: Aruba (SA-036)	1035
till 15/03	SV9/DJ7RJ: Crete (EU-015)	1033	08/03-18/03	V25WY and V25OP: Antigua (NA-100)	
till 15/03	V5/DJ4SO: Namibia	1033	09/03-13/03	ZA/I2GPT: Albania	1035
till 16/03	HK3/KC2LSD: Colombia	1034	09/03-23/03	7P8PB: Lesotho	1035
till 17/03	D2AM: Angola	1027	09/03-16/03	FG/F6ITD: La Desirade, Guadeloupe (NA-102)	
till 17/03	T30AQ and T30RH: Tarawa (OC-017), West Kiribati		09/03-12/03	HC1MD: Ecuador	1033
till 19/03	PJ7/W8EB and PJ7B: Sint Maarten (NA-105)		10/03-06/04	CT9/DL3KWR and CT9/DL3KWF: Madeira (AF-014)	
till 20/03	4A4A: Socorro Island (NA-030), Revillagigedo		10/03-17/03	PJ2/N5HZ and PJ2/W5FKX: Curacao (SA-099)	
till 20/03	9G1AA: Ghana	1034	10/03-17/03	PJ2/W5XU and PJ2/W5ZPA: Curacao (SA-099)	
till 28/03	J73CCM: Dominica (NA-101)	1033	10/03-17/03	V4/K5MV: St. Kitts (NA-104)	1035
till 30/03	V47JA: St. Kitts (NA-104)	1032	10/03-14/03	VK4LDX/p: Horn Island (OC-138)	1033
till 31/03	6W2SC: Senegal	1029	11/03-20/03	7P8CF and 7P8KDJ: Lesotho	1035
till 31/03	CE2/CX1EK: Chile	1020	11/03-20/03	J13DST/J16: Tokara Islands (AS-049)	1033
till 31/03	IO7DAI: special callsign	1025	11/03-13/03	TP50CE: special callsign (France)	1035
till 31/03	J5UAP: Guinea-Bissau	1029	11/03-18/03	VP2V/G3PHO: British Virgin Islands (NA-023)	
till 31/03	LM11SKI: special callsign	1030	14/03-28/03	J79M: Dominica (NA-101)	1033
till 31/03	VY0JA: Ellesmere Island (NA-008)	1033	15/03-15/05	HR5/F2JD: Honduras	1035
till 31/03	ZL50VK: special event callsign	1026	15/03-31/03	VU4PB: Andaman Islands (AS-001)	1034
till March	D2SG: Angola	1009	16/03-17/03	CT8/G3SXW and CT8/G5LP: Sao Miguel Island (EU-003)	
till 12/04	H44MS: Guadalcanal (OC-047), Solomon Islands	1027	16/03-31/03	FG/F6ITD: Basse-Terre, Guadeloupe (NA-102)	
till 16/04	5X1NH: Uganda	1033	18/03-21/03	MJ0CFW: Jersey (EU-013)	1035
till 22/04	D2QR: Angola	993	18/03	TP50CE: special callsign (France)	1035
till 30/04	4X20HC and 4Z20HC: special callsigns	1030	21/03-26/03	2E0WVG and G0DVJ: Lundy Island (EU-120)	
till April	9M2MRS: Penang Island (AS-015)	1014	22/03-26/03	VK7DI: Deal Island (OC-195)	1035
till 01/05	CN2PV: Morocco	1031	26/03-27/03	BV100: Liuchiu Island (AS-155)	1035
till 05/05	ZS8M: Marion Island (AF-021)	1029	28/03-18/04	9L5MS: Sierra Leone	1035
till 30/06	HG2011: special event stations	1030	31/03-13/04	EL: Liberia * by I2YSB and others	1034
till May	D2AK: Angola	993	March	7Q7HB: Malawi	1034
till August	R11FJ: Franz Josef Land (EU-019)	1008	March	FT5YK/p, VP8DLM, CE9XX: Antarctic cruise	
till 30/09	IO4UI: special callsign	1034	02/04-07/04	P29VCX: Feni Islands (OC-101)	1027
till September	P29CW: Papua New Guinea (OC-034)	1030	03/04-16/04	P4/W1HEO: Aruba (SA-036)	1029
till September	ZD9GI: Gough Island (AF-030)	1011	07/04-10/04	EG5CI: Columbretes Islands (EU-069)	1033
till 25/10	5B50J: special callsign (Cyprus)	1001	08/04-14/04	P29NI: Nuguria Islands (OC-257)	1027
till November	9Q6CC: Democratic Republic of the Congo		15/04-18/04	P29VLR: Green Islands (OC-231)	1027
till 31/12	BP100: special callsign	1001	18/04-28/04	T31A: Central Kiribati (OC-043)	1028
till 31/12	BV100: special callsign	1001			

## Amateur Radio Examinations Monroe, MI

Monroe County Radio Communications Association Amateur Radio examinations are held the 3<sup>rd</sup> Saturday of every even numbered month at:

**American Red Cross Chapter Bldg.**  
1645 North Dixie Highway  
Monroe, MI 48161

Walk-ins are always welcome.

**2011 Schedule:**

February 19	April 16
June 18	August 20
October 15	December 17

### TESTING BEGINS PROMPTLY AT 9:00 AM

Applicants are expected to have all forms filled out and be ready to take tests at that time. Coffee and doughnuts are available at 8:30 AM. For more information or to make reservations, call Paul Trouten - W8PI at 734-854-2224

#### Join us at the next meeting

March 17th at 7:30 pm  
American Red Cross Chapter Bldg.  
1645 North Dixie Highway  
Monroe, MI 48162

#### Local Nets

**ARPSC Net** - Every Monday evening on '72-Monroe (146.72 Mhz) starting at 9:00pm.

**DX Net** - Every Tuesday evening on '72-Monroe starting at 8:30pm.