



The Zero Beat

THIS MEETING

February 9, 2011
7:30 P.M.
(socializing begins at 7)
Hoover Elementary
23720 Hoover Ave.

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GENERAL MEETING

CORRECTION — The meeting will be held on **Wednesday February 9 at 7:30 pm.** **Jerry Begel W9NPI will present part II of The History of Telegraphy.** Come early and visit with fellow hams.

Everyone is welcome to come to the meeting and bring a friend. Coffee and donuts will be provided during break.

Anyone wishing to join the club, please go to the website www.hparc.org. Fill out the membership form. Print it and bring it to the meeting.

PRESIDENT'S QRM

Happy February, in a few more weeks it will be spring! Do you wake up in the middle of the night saying CQ field day? Fret not; it will be here before you know it. You might want to start planning for the Dayton Hamvention in May now.

Now is the time to start thinking about a nominating committee for the upcoming elections. The June Banquet will be here before we know it. We are looking for an assistant banquet chairman again. It seems to be hard to get good volunteers but don't volunteer if you are not going to do what you volunteered to do. We have had that happen to many times already. This is your club and it will be what the membership makes it, let's make it the best one in Michigan.

The swap is over for this year and we made enough to make it worth doing again. A big thank you is in order to Walt, KD8LWC who managed it this year and to his lovely daughter Beth, KD8MAY who

helped him and all the volunteers who helped at the swap (Hamfest). Attendance was good. Details will be provided at the meeting.

At the meeting we will ask the membership to approve the budget for next year, the board has approved it

If you are new to high frequency operations look in QST. Every month they have a page titled: **Contest Corral**. I look at it every weekend to see what is going on. I find contests are a good place to work stations you need for the various awards and it is fun. You don't have to be a dye hard contester to pick up a few new ones you need. The stations calling CQ want to work you. If you are in a contest and can't find a few contacts you need the secret is to find a clear spot and call CQ yourself, they will find you. QST also has a section on special event stations and I enjoy working a lot of these also.

If you are thinking about putting up a tower or taking one down the ARRL has a

(Continued on page 2)

OFFICERS

- **President:** Murray Scott
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VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :**
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- **VUCC/WAS Awards Card Checker:** Sean K8KHZ
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- **50/50 & Donuts:**
Rey Bora W8REY
- **Meeting Coffee:**
- **Sunday Net:** Bill Ketel
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- **Banquet:** Rey Bora W8REY
rey62@aol.com
- **Field Day Chair:**
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- **HPARC Official Cook:**
Bill N8QVS
- **Swap:** Swap Chair
Walt Carter KD8LWC
pidge4645@aol.com
- **Webmaster:** Marsha N8FE
- **MS Walk Chair:**
Phil AA8KR 586-838-4139
- **Walk for Babies Chair:**
Jim K8ABZ k8abz@arrl.net
- **Holiday Party Chair:**
John Fleming

QRM CONT.

(Continued from page 1)

new book out titled: **Antenna Towers for Radio Amateurs** by Don Daso, K4ZA. I have read this book and highly recommend it. It was written for hams by a ham that is an experienced professional in the field. I have purchased other tower books that were written for commercial people. This new book is the best one I have seen and is just what we hams needed.

If you have awards bring them to the meetings and show them off. Let people see them and they will increase interest.

Meet you on the only official HPARC net Sunday at 9PM on 146.64 our two-meter repeater.

So much hamming to do so little time!
73 see you at the meeting.
Murray, KE8UM

RADIO MANUAL
NEEDED

What good fortune! The dead Standard model SR-826M 2-meter transceiver that I bought for \$5 at the swap is not completely dead. I can hear at least one repeater on it with my antenna connected. But it does not talk yet.

This is an interesting project in that the radio is 41 years old. That makes it a classic, I think. So far it has been interesting. I downloaded a schematic diagram, but it was not scanned very well and all of the text that I need is blurry, which is a pain.

So what I am asking for is to borrow a manual for the Standard model SR-826M transceiver. I like to borrow the circuit for a short while that may help fix it.

Best regards, Bill N8QVS
248-544-2452 wketal2@wowway.com

WELCOME
NEW MEMBER

John du Bois, KD8OQI
(OM of Christine du Bois, nee Ode)

HPARC NETS

HPARC Official Sunday Night 2-meter Phone Net

Every Sunday at 9:00 PM local time, (146.64 (-), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

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N8WYO CW net (Medium speed)

The "Geezer Net" changed their name in memory of Al N8WYO. Look for them every Tuesday night at 8:00 PM on **28.028 MHz** As always, all amateurs are welcome and encouraged to join this net. CW speed fluctuates between 20-25 WPM, but Joe will slow it down if necessary. Listen for at 8 PM sharp!

Wolverine Net

The 75 Meter Wolverine Net meets on 3935 KHz (LSB phone) daily at 7:00 PM local time with pre-net starting at about 6:30 PM. The nets start a half hour earlier in winter. You can get details from

Joe, K8JRE joecuchetti@comcast.net or

Ed, W8EDE ed@ellisgen.com.

Oakland County ARPSC

Every Thursday @ 8 pm on 146.900 MHz/100pl. Hospital Radio Net on last Thursday of each month during the net. (W8OAK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment)

www.qsl.net/w8oak

NTS Traffic Nets

the Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on 146.76 MHz. Repeater. New people are welcome.

MARK net

The "Michigan Amateur Radio Kids" net meets on Monday nights at 8pm on the Dart Repeater. WK1RK is the club callsign. This is an informal net and round-table for kids which are Hamlets or soon to be! The club website is www.cmrk.net/wk1rk. Contact Phillip N8AYE at wk1rk@cmrk.net

AROUND TOWN

02/20/2011

Livonia Amateur Radio Club

Location: Livonia Civic Park Seniors Center
15218 Farmington Road
Livonia, MI 48154

Website: <http://www.livoniaarc.com/Swap.htm>

Talk-In: 145.35 (PL 100) or 146.52 Simplex

Public Contact: Mike Rudzki , N8MR

Phone: 734-941-5043 Email: k8uns@arrrl.net

04/16/2011

Milford Amateur Radio Club

Location: Milford High School
2380 Milford Road
Highland, MI 48356

Website: <http://www.qsl.net/w8ydk>

Talk-In: 145.49 (PL 67); 146.52 (backup)

Contact: Rose Moore , KC8NQJ Phone: 810-632-5174

Email: kc8ide@comcast.net

CTU WEBINAR

Space is limited. Reserve your Webinar seat now at:
<https://www2.gotomeeting.com/register/741726946>

Tim Duffy, K3LR will present a look at Contest University (CTU) 2011, including the course line up and list of professors. Tim will review past years and tell you what makes CTU 2011 the best yet. You will find out what previous students have had to say about CTU and why you should attend this year.

Title: Contest University (CTU) 2011
Date: Monday, February 7, 2011
Time: 8:30 PM - 9:30 PM EST

After registering you will receive a confirmation email containing information about joining the Webinar.

System Requirements

PC-based attendees

Required: Windows® 7, Vista, XP or 2003 Server

Macintosh®-based attendees

Required: Mac OS® X 10.4.11 (Tiger®) or newer

C Q D X . . .

VP8ORK log search page! [sponsored by the Daily DX]
Our first 5,666 QSOs have been uploaded and QSO search enabled. Click HERE <http://www.vp8o.com/vp8log.html>
73, The Microlite Penguin Team
The 2011 Microlite Penguins' South Orkney DXpedition

D2CQ from Angola is back on the air. CT1IUA, Mike, says Paulo was off for a year after having some gear stolen from his QTH. He will be back on with a G3TXQ Hexbeam and will be getting on 20-6M SSB only.
He plans to put up a dipole for 80 and 40 soon. He does sometimes QRT suddenly; power often goes out unexpectedly for several hours at a time. Paolo's home call in Portugal is CT1ITZ.

FH4VOS is the new Mayotte callsign for operator DH1BL, Bruno. He is planning to be there for the next three years. Bruno is in Combani, in the center of the island, using an FT-920 to a Spiderbeam for 20, 17, 15, 12 and 10. QSL via DL7BC.

The new web page for the TJ **2011 expedition to Cameroun**, TJ9PF, is <http://www.tj9pf.fr/>. F5TTR, Thierry, is the webmaster. There is a guestbook you can sign to encourage the planners. The operation is being done by the F6KOP Provins ARC group. The operation is scheduled for February 10-20.

8J6S is a **special Japanese callsign February 1-March 31** to celebrate the full opening of the Kyushu Shinkansen Bullet Train, completing the connection between Hakata and Shin-Ytsushiro. QSL via the JARL Bureau.

KP2/W2DEC will be on **St. Croix February 5-11**. Urb plans to be on from "Radio Reef" "with big beams on all bands including a full sized three element for 40 and a two element wire beam for 80 fixed north, and full legal power." Urb will emphasize CW and will not have digital capability. <http://radioreef.com>.

Canadian operators in Nova Scotia are being allowed to use CJ1 and CK1 prefixes during February. It's to highlight the 2011 Canada Games being held in Halifax. VA1 call-

C O N T E S T C O R N E R

Welcome to Contest Corner. As usual, there seems to be something for everyone. CU on the air.

February

- 5-6 YLISSB QSO Party - CW
- 5-6 10-10 International Winter QSO Party - Phone
- 5-6 Black Sea Cup International - CW/SSB
- 5-6 EPC WW DX Contest - BPSK63
- 5-7 Vermont QSO Party (1) - CW/Digital/SSB
- 5 Minnesota QSO Party - All
- 5-6 British Columbia QSO Party - CW/Digital/SSB
- 5-6 Delaware QSO Party
- 5-6 Mexico International RTTY Contest - RTTY
- 6-7 New Mexico QSO Party - CW/Digital/SSB
- 11-13 YLRL YL-OM Contest - CW/Digital/Phone
- 12-13 CQ World Wide WPX RTTY Contest - RTTY
- 12-13 Louisiana QSO Party - CW/Digital/Phone
- 14-18 ARRL School Club Roundup - CW/Digital/Phone
- 16 MOON Contest - CW/Digital/SSB
- 18-19 Russian WW PSK Contest - PSK
- 19-20 ARRL International DX Contest - CW
- 21 Run For The Bacon QRP Contest - CW
- 25-27 CQ World Wide 160-Meter Contest - SSB
- 26-27 Mississippi QSO Party - CW/SSB
- 26-27 North American QSO Party - RTTY
- 27 High Speed Club CW Contest (1) - CW
- 27-28 North Carolina QSO Party - CW/SSB

State QSO Parties and Search and Pounce

As I was typing the list I saw how many states are fighting to win our time this month. This is definitely a great time for those who want to practice your S&P (search and pounce) skills.

Remember not to turn that knob too fast or you will miss someone. With this many contests at one time there will be operators every 25 k or so. Try to zero beat right on their frequency even on SSB. It really does make a difference in a pileup.

A major thing is to know the exchange for each contest. Send them just what they want and nothing more. Contesting is not the time to chat. Save that for another time. Believe me, they will remember you. The one that gave a clean clear report with a nice 73 or good luck at the end.

Have fun and GL in the contest.

Marsha N8FE

JANUARY MINUTES

Meeting was called to order at 7:30 PM by the President, Murray Scott, KE8UM.

Introductions—we had 48 in attendance, which included a few visitors.

Treasurers report—John K8UP advised that we are solvent and the swap should be a revenue producer.

Minutes approved as in the Zero Beat

SWAP Preparations

SWAP Volunteers—Marsha, N8FE reminded us about who was scheduled to work on doors at the swap. We were reminded that tables are still available. We were reminded to charge HT batteries.

Rey Bora asked to approve having a 50/50 raffle at the swap. It was approved for this year. He will walk amongst the crowd wearing a T-shirt that says 50/50 and sell the tickets.

Jim Weaver will be at the ARRL table at our swap.

Walt KD8LWC asked for volunteers for set up for Saturday and Sunday. He also asked for people to stay after the swap to tear down.

Presentation—Bill K8DRV presented the program, which was a video about antennas by Frank Ritter, K3AW

Jackets—John K8UP announcement that club shirt and jackets are available for purchase. You can contact him. However, we still need a permanent person handling them.

Technician Classes—Rich KC8WPW Next license class announced starting Jan 25, 7 to 9PM at the Warren community center.

Announcements

- ◆ Two members upgraded to General class.
- ◆ Our club received a letter of thanks from the Hoover School group handling the Christmas toys, thanking us for our contribution.
- ◆ John, K8UP announced that there will be a general and extra class in the near future.
- ◆ Macomb Community College having Saturday open house electronics lab sessions where we could use the equipment.
- ◆ Jay WB8SBI invited members to join the satellite design team to create a next amateur satellite.

The Radio Raffle drawing was won by Ron, WD8MNX.

Meeting adjourned at 9:25 PM

W. Ketel, secretary

MCC ELECTRONIC LAB

Macomb Community College Electronic Lab
3rd Saturday of each month from 8A–12 Noon
12 Mile & Hayes Rd. (Bldg “S” - room #S135)

They have quite an extensive collection of equipment to use/learn plus a ham radio station to use and a big 3 element HF Yagi antenna on the roof of the building. All hams are invited from all clubs.

ANTENNA BLDG MTG

LCARC March 2 meeting will be all about antenna building. You can come home with one of your very own dipole antenna. If you are interested, then contact K8LFE via email at k8life@aol.com

VUCC ON LOTW



ARRL's Logbook of the World (LoTW) – an online system for amateurs to confirm two-way contacts that can be used for various ARRL awards – has been upgraded to support awards based on Maidenhead grid squares, such as VUCC and the Fred Fish Memorial Award.

To take advantage of the new features, you need to log in to your LoTW account. VUCC is an open-ended award in that hams can work on throughout their lifetime, just like DXCC. But, like the Worked All States award, the VUCC rules require all the contacts to be made from a defined area.

For VHF and UHF QSOs on 1296 MHz and below, this distance must be within 200 km. For SHF awards, contacts must be made from a single location, defined as within a 300 meter diameter circle. As such, the VUCC support in LoTW allows you to make the rule – or rules – necessary to find the QSLs in LoTW that satisfy the VUCC rules. Don't have an LoTW account? It's easy to sign up. Read more [here](#).

I A R U E L E C T R O N I C N E W S L E T T E R

January, 2011

The ITU - International Telecommunication Union



If you were to ask most amateur radio operators what entity is responsible for granting privileges to use portions of the radio spectrum for amateur radio purposes the answer would likely be their own national telecommunication authority. However, that's only partially true. The ultimate authority for the use of the radio spectrum is the International Telecommunication Union (ITU). It is desirable that each amateur radio operator understand what the ITU is and why its work and decisions are important.

Most countries are Member States of the ITU and by way of treaty generally agree to be bound by the decisions of the ITU when it comes to the usage of the radio spectrum. Each country can decide that a certain use determined by the ITU may not apply in their own jurisdiction. It is not common for countries to do that but it is within their sovereign authority to do so.

The International Telecommunications Union is a United Nations agency that deals with information and communications technology issues. They have an extensive web site at www.itu.int that details much of their work. The ITU is based in Geneva, Switzerland and includes in its membership 192 Member States and more than 700 Sector Members and Associates.

ITU has coordinated the shared global use of the radio spectrum, promoted international cooperation in assigning satellite orbits, worked to improve telecommunication infrastructure in the developing world, established the worldwide standards that foster seamless interconnection of a vast range of communications systems and addressed other global concerns, such as mitigating climate change and strengthening cyber security.

The top staff official of the ITU is its Secretary-General, Dr. Hamadoun Toure who is also a licensed radio amateur with the call sign HB9EHT. There are three sectors in the ITU: Radio-communication (ITU-R), Development (ITU-D) and Standardization (ITU-T). The IARU is a Sector Member in both the ITU-R Sector and the ITU-D Sector. The IARU fully participates in both of those sectors by attending any and all meetings that involve issues that may impact the

amateur or the amateur-satellite services. The Secretary-General, the Deputy Secretary-General and the Directors of the three ITU Sectors are elected to four-year terms by the Member States at Plenipotentiary Conferences held every four years. The IARU is a recognized international telecommunication organization and is invited to participate as an observer at the Plenipotentiary Conferences. The most recent "Plenipot" was held in October, 2011 in Guadalajara, Mexico.

The ITU Council was established in 1947 under the name Administrative Council, following a decision taken by the 1947 Plenipotentiary Conference in Atlantic City, New Jersey, United States. The Council comprises a maximum of 25% of the total number of Member States, which are elected by the Conference with due regard to the need for equitable distribution of Council seats among the five world regions (Americas, Western Europe, Eastern Europe, Africa, Asia, and Australasia). The current Council is comprised of 48 members.

The role of Council is to consider, in the interval between Plenipotentiary Conferences, broad telecommunication policy issues to ensure that the Union's activities, policies and strategies fully respond to today's dynamic, rapidly changing telecommunications environment. It also prepares a report on the policy and strategic planning of the ITU. In addition, Council is responsible for ensuring the smooth day-to-day running of the Union, coordinating work programs, approving budgets and controlling finances and expenditures. Finally, Council also takes all steps to facilitate the implementation of the provisions of the ITU Constitution, the ITU Convention, the Administrative Regulations (International Telecommunications Regulations and Radio Regulations), the decisions of Plenipotentiary Conferences and, where appropriate, the decisions of other conferences and meetings of the Union. The IARU has attended several ITU Council meetings in the recent past.

The ITU-R Sector is very important for radiocommunication services, including the amateur and amateur-satellite services. Every 4 or 5 years the ITU holds a World Radiocommunication Conference (WRC) to revise the international Radio Regulations. It is the job of WRC to review, and, if necessary, revise the Radio Regulations, the international treaty governing the use of the radio-frequency spectrum and the geostationary-satellite and non-geostationary-

IARU ELECTRONIC NEWSLETTER

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agenda determined by the ITU Council, which takes into account recommendations made by previous world radio-communication conferences. The general scope of the agenda of world radiocommunication conferences is established four to six years in advance, with the final agenda set by the ITU Council two years before the conference, with the concurrence of a majority of Member States. The next WRC is scheduled for 23 January to 17 February 2012, just one year away.

Under the terms of the ITU Constitution, a WRC can:

1. revise the Radio Regulations and any associated Frequency assignment and allotment Plans;
2. address any radiocommunication matter of worldwide character;
3. instruct the Radio Regulations Board and the Radiocommunication Bureau, and review their activities;
4. determine Questions for study by the Radiocommunication Assembly and its Study Groups in preparation for future Radiocommunication Conferences.

There is a lengthy preparatory process for every WRC in which the IARU participates as a Sector Member. There are usually countless meetings dealing with each agenda item that has been determined to be on the agenda for a WRC. Many of those agenda items can, and do, have a substantial impact on the amateur radio usage of portions of the radio spectrum. It is important for the IARU to participate to "protect our frequencies" and when the opportunity presents itself, to expand our spectrum.

ITU-R Study Groups and Working Parties address each agenda item on the WRC agenda and try to arrive at a consensus and recommendation(s) how the agenda item may be addressed or dealt with at the WRC. Studies are conducted many times to determine how a proposed new usage may impact the other services, or not. Each of these agenda items are thoroughly discussed for at least a couple of years leading up to the WRC. You can imagine how important it is for the worldwide amateur community that IARU participate in the entire study group/working party process.

ITU-D is where much of the ITU's work on disaster response takes place. The development arm of the ITU considers emergency telecommunications an integral part of

its projects integrating telecommunications/information and communication technology in disaster predication, detection, and alerting. Emergency Telecommunications play a critical role in the immediate aftermath of disasters by ensuring timely flow of vital information which is much needed by government agencies, and other humanitarian actors that are involved in rescue operations and providing medical assistance to the injured. IARU's task in the ITU-D Sector is to ensure that amateur radio's role in disaster communications is understood and appreciated by the ITU members. The ITU-D Sector also conducts a worldwide conference. The current schedule calls for a World Telecommunication Development Conference every 4 years. In 2010, the WTDC was held in Hyderabad, India in late May and early June. IARU participated in the conference.

The ITU also sponsors regional and global exhibitions called TELECOMS. An ITU Telecom offers a global ICT community platform that gathers stakeholders from across the telecommunications/ICT sector to connect, collaborate and create the future ICT landscape. Forums or seminars related to ICT are conducted at the Telecoms and IARU has participated in such forums, usually on topics related to emergency communications.

In one of the ITU buildings, there is a permanent amateur radio station, 4U1ITU. 4U1ITU is the club station of the International Amateur Radio Club.

In an upcoming IARU E-Letter, I will describe the organization of IARU and how it works within the ITU and the regional telecommunication organizations like CEPT, CITEL and APT to ensure amateur radio's continued place in the radio spectrum landscape.

73, Rod W6ROD

AIDES TO GETTING LICENSED & UPGRADING

A new version of online **license exam flashcards** has been added to the nc4fb.org website. The new version is keyed to the syllabi for the Technician, General, and Extra exams.

The syllabi are divided into subelements and further sub-divided into groups (topics). The syllabi are excellent guides for managing self-study programs as well as mentored study programs.

Find them at <http://www.nc4fb.org/wordpress/?p=2017>

Flashcards for Kindle or Nook

(both have iPhone & Droid apps)

<http://www.nc4fb.org/wordpress/?p=2026>

Getting close to the finish line on your license exam studies? Are there still some areas or topics you need to review? No problem. Use the keyword/text search facility at the link below to identify the question numbers from the question pool that need attention. The search facility lists the selected question numbers at the end of the display. Enter as many search arguments, one per line, as needed to select the questions of interest. Review the question/answer display. Eliminate any unwanted question numbers from the list at the end of the display.

<http://ars.nc4fb.org/mine-questions-form.html>

Neat Ohm's Law Calculator

<http://ars.nc4fb.org/ohms-law-calculator.html>

[ED: We understand that with today's busy schedules not everyone can take 11-13 week classes. This website offers a very good alternative to that class as does KB6NU's study guides. However, we do suggest that you find a good mentor to work with to get that hands on operations experience that is the "fun" part of ham radio. Find a club and stretch your imagination.]

Be a HPARC Mentor

HPARC members—Do you want to be listed as a Elmer/mentor? Contact the Editor, Marsha N8FE at n8fe@arri.net or call 248-542-9573. Please say what area you want to mentor and We will put you in the Zero Beat and on the Website.

Dan KB6NU has a new e-book versions of the No-Nonsense Technician Class License Study Guide. There is both an Amazon Kindle version (http://www.amazon.com/No-Nonsense-Technician-Class-License-ebook/dp/B004G8QVD2/ref=tmm_kin_title_0?ie=UTF8&m=AG56TWVU5XWC2&qid=1295917361&sr=8-1) and a Barnes & Noble Nook version (<http://productsearch.barnesandnoble.com/search/results.aspx?WRD=kb6nu&page=index&prod=univ&choice=allproducts&query=kb6nu&flag=False&r=1&ugrp=1>). Both cost \$9.99. Of course, the PDF version is still free on my website at www.kb6nu.com.

SHUTTLE HISTORY

NASA Shuttle website has a section just about ham radio. Learn all about the history of ham radio and the shuttle. They also have links for AMSAT and ARISS. Check out all about the at



<http://spaceflight.nasa.gov/station/reference/radio/index>.

HPARC JACKETS

SIZE	FLANNEL	QUILTED
S—XL	45.00	51.00
XXL	47.00	53.00
3XL	49.00	55.00

\$10 Off First Jacket

T-SHIRTS \$10

Send check payable to **HPARC** to:

P.O. Box 368, Hazel Park, MI 48030

*payment due with order.

HAMVENTION BUS

Once again, Ann Arbor's ARROW club will be sponsoring a Saturday bus trip to the Dayton Hamvention:

<http://www.w8pgw.org/activities/dayton-bus-trip/>

This is a comfortable and economical way to attend the Hamvention. 73, Ralph AA8RK

REAGAN'S BIRTHDAY**W6R**

Special Event Station W6R - Ronald Reagan Centennial

To commemorate the centennial of former president Ronald Reagan, the Santa Barbara Amateur Radio Club (SBARC) will be operating as special event station W6R from **0800 UTC February 4th until 0800 UTC February 8th, 2011.**

The club station will be on the air February 5th, from 1700 UTC until 2100 UTC. There will be a rover operating from the Reagan Ranch, near Santa Barbara, from 1700 UTC February 7th until 0000 UTC February 8th. All other time periods will be covered by either mobile or home stations, operating as W6R. There will be one station on the air at any given time.

QSLs will be accepted via mail only, send requests to:

SBARC
PO Box 3907
Santa Barbara, CA 93130-3907

Note: This special event is separate from N6R, which will be operating at the Reagan Library, in Simi Valley.

N6R

Special Events Station "N6R" will operate to Celebrate President Reagan's 100th Birthday on Sunday, February 6th, 2011. Currently Planned Operating Times: are continuously 1600Z 06FEB - 0200Z 07FEB2011 from Thousand Oaks, CA.

Other Currently Scheduled Operating Times:

20m CW 2000-2200Z 06FEB and later if any demand;
40m PSK 1100 - 1400Z on 05, 06, & 07FEB.
20m SSB 1800Z - 2000Z 05FEB.

Additional Operating Times: intermittently from 0300EST 05FEB2011 - 0259EST 07FEB2011: details continuously updated. Depending on M.U.F., we plan 3820, 7260, 14255, 21320, 28490, 50130 KHz SSB; 3545, 7045, 14045, 21045, 28045 KHz CW; 3580, 7035, 14070, 21070, 28120 KHz PSK; Updated information will continue to appear here.

For other details, please check QRZ.Com e-mail n6rn6r@aol.com Please enclose S.A.S.E. for all QSL card requests. NO E-QSL/LOTW!

DAYTON DX DINNER

The SOUTHWEST OHIO DX Association (SWODXA) is pleased to again sponsor the DX Dinner, held in conjunction with the 2011 Dayton Hamvention. The dinner will be held on Friday, May 20, 2011. This year the dinner will be at the Dayton Marriott, 1414 S. Patterson Blvd., Dayton, OH 45409.

We are excited about our new venue. It is less than five minutes from our previous location, has a much larger capacity, and the dining room is on the ground floor so there are no steps. There is ample, free, on-site parking.

As in the past, there will be some major door prizes. And there is always great anticipation as to who will be named the "DXpedition of the Year." Program details and a list of the prizes will be available soon at (<http://www.swodxa.org/>).

There will be a cash bar starting at 5:30 p.m., with dinner served at 7:00. Tickets are \$40 each, payable in US funds. If a vegetarian meal is desired, it must be indicated when tickets are ordered. We attempt to honor group seating requests when tickets are ordered together. Each table seats ten, and seats are assigned as the requests are received. Check or money orders, payable to SWODXA, should be sent to Kirk Swallow, W8QID at 3137 Compton Rd, Cincinnati, OH 45251. Be sure to include a SASE for ticket return.

WIFI @ HAMVENTION

Brian KD8KPH announced that they will be providing free WIFI via EVDO at their club spaces in the flea market.

Look for the SSID 'W1RLS Public'. They should be in the 4066 & 4067 area again this year.

The ARRL will also have WIFI available at their booth with computers. They are free but there will be a line to use them. The ARRL WIFI is not open.

Have you been an amateur radio operator for at least 25 years?



Then join the Quarter Century Wireless Association SE Michigan **Chapter 215**. Contact John K8UP, Secretary at john@fleming-photo.com

Please check mailing label — is your membership about to expire?

SKYWARN

2011 CLASS SCHEDULE



SKYWARN

Skywarn is an effort to save lives during severe weather emergencies by expanding networks of spotters and by encouraging the widest possible participation in tornado warning programs. There is no way to stop tornadoes, and not all tornadoes show up on radar, but they can be seen. Lives can be saved. Only one instrument can detect a tornado or funnel with complete certainty, the human eye.

Skywarn training gives an individual the basic tools needed to be a severe weather spotter. Starting with a blue sky, individuals are taught the basics of thunderstorm development, storm structure, what features to look for and where to find them. The class covers what information to report and how to report it.

Basic severe weather safety is also covered. Classes are **FREE** and typically last 2 hours long. While new technological and scientific tools have advanced the National Weather Service (NWS) capability to predict severe weather, the trained spotter remains essential to the NWS warning process. It goes without saying that the more trained "eyes" we have in the field during a severe weather event, the better our service to you and the public will be. More concern, more spotters, more eyes are needed. Lend us yours - learn **SKYWARN!**

SPOTTER TRAINING CLASSES

Wednesday	Feb 23rd	7:00 p.m. - 9:00 p.m.	Rochester Hills Fire Department, Station #1
Wednesday	March 2nd	7:00 p.m. - 9:00 p.m.	Oakland County Homeland Security Division
Tuesday	March 8th	6:00 p.m. - 8:00 p.m.	Southfield Civic Center Library
Thursday	March 17th	7:00 p.m. - 9:00 p.m.	Novi PD Training Center
Monday	March 21st	7:00 p.m. - 9:00 p.m.	Groveland Township Fire Department, Station #1
Saturday	April 16th	10:00 a.m. - 12:00 p.m.	Oakland County Homeland Security Division
Saturday	April 16th	1:00 p.m. - 3:00 p.m.	Oakland County Homeland Security Division

All interested parties (i.e. fire, police, EMS, security, volunteers, and citizens) are encouraged to attend.

The **Oakland County Homeland Security Division** coordinates this program.
Limited space is available, so make your reservations now!

Please call (248) 858-5300 to register

or

Send an email to: ocem@oakgov.com

Please include date of class, name, address and phone number.

- **See reverse side for location information**

The County of Oakland does not discriminate on the basis of disability in admission or access to its programs, activities, or services as required by Title II of the Americans with Disabilities Act of 1990. Please contact us within five (5) business days prior to the event if you have any special needs.