



# AIRWAVES JOURNAL

The Newsletter of the InterCity Amateur Radio Club ~ Established 1933  
~~75<sup>th</sup> anniversary ~~  
January, 2008

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## UPCOMING EVENTS

January 19<sup>th</sup> - VE Test Session - at the Richland Co Health Dept  
at 1PM Contact Dick Fletcher at 419-886-2463  
or at [vkafletch@aol.com](mailto:vkafletch@aol.com)

February 1<sup>st</sup> - IARC Meeting - 7:30PM - **New Location** at  
the Richland Co Health Dept on Lexington Ave &  
Sterkle Blvd

February 9<sup>th</sup> - Setup for hamfest at fairgrounds -

February 10<sup>th</sup> - Mid-Winter Hamfest

March 7<sup>th</sup> - IARC Meeting - Results from hamfest

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## VE TEST SESSIONS

As always the **RED** sessions allow **NO** walk-ins, **BLUE** require preregistration and **GREEN** are open with walk-ins allowed. All are within 100 miles of Mansfield. Visit [www.arrl.org](http://www.arrl.org) for more info

### 12-Jan-2008

Sponsor: TOLEDO MOBILE RADIO ASSOC Time: 8:30 AM (No walk-ins)  
Contact: STEVEN L STALKER (419)467-3734 Email: [SSTALKER@AMERITECH.NET](mailto:SSTALKER@AMERITECH.NET)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: MAUMEE FIRE STATION #2 450 W DUSSEL DR MAUMEE, OH 43537

### 19-Jan-2008

Sponsor: HOCKING VALLEY ARC Time: 10:30AM (Walk-ins allowed)  
Contact: TOM J ODELL (740)380-3577 Email: [TOMODELL2@MSN.COM](mailto:TOMODELL2@MSN.COM)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: HOCKING VALLEY EMER OPS CENTER-911 BLDG 52 E 2ND ST Logan, Oh 43138  
PRE-REGISTRATION 1 WEEK AHEAD  
NO TEST IF NO-ONE REGISTERS!

### 19-Jan-2008

Sponsor: INTER-CITY ARC Time: 1:00 PM (Walk-ins allowed)  
Contact: RICHARD E FLETCHER (419)886-2463 Email: [VKAFLETCH@AOL.COM](mailto:VKAFLETCH@AOL.COM)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: Richland Co. Health Dept.555 Lexington Ave Mansfield, Oh 44907  
pre-registration is requested but not required

### 20-Jan-2008

Sponsor: SUNDAY CREEK AM RAD FED (SCARF) Time: 12 NOON (Walk-ins allowed)  
Contact: SAMUEL J SLATTERY (740)592-6124 Email: [N8SUZ@ARRL.NET](mailto:N8SUZ@ARRL.NET)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: TRI-COUNTY CAREER CENTER Hamfest 15676 STATE ROUTE 691 NELSONVILLE, OH 45764 CELL: 740-541-0972

### 20-Jan-2008

Sponsor: LORAIN COUNTY ARA RED CROSS Time: 1:00 PM (Walk-ins allowed)  
Contact: CHARLES S HALL (216)433-3036 Email: [VE@W8HF.COM](mailto:VE@W8HF.COM)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: AMERICAN RED CROSS 2929 W RIVER RD N ELYRIA, OH 44035  
[WWW.W8HF.COM](http://WWW.W8HF.COM) (HOME PAGE)

### 26-Jan-2008

Sponsor: WRECS Time: 9:00 AM (Walk-ins allowed)  
Contact: ROBERT C GAUSS (330)562-3328 Email: [N8ZB@YAHOO.COM](mailto:N8ZB@YAHOO.COM)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: BENTLEYVILLE VILLAGE HALL/CHAGRIN FALLS  
6253 CHAGRIN RIVER RD CORNER SOLON RD & RIVER RD BASEMENT  
BENTLEYVILLE, OH 44022

### 02-Feb-2008

Sponsor: LAKE COUNTY ARA Time: 12 NOON (Walk-ins allowed)  
Contact: SCOTT FARNHAM (440)256-0320 Email: [SCOTTFARNHAM@ROADRUNNER.COM](mailto:SCOTTFARNHAM@ROADRUNNER.COM)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: KIRTLAND LIBRARY 9267 CHILLICOTHE RD ROUTE 306 KIRTLAND, OH 44094  
1.7 MI S OF I-90

### 03-Feb-2008

Sponsor: MARION ARC Time: 2:30 PM (Walk-ins allowed)  
Contact: RICHARD W CAREY (740)528-2296 Email: [RWCAREY@GTE.NET](mailto:RWCAREY@GTE.NET)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: TV 39 1282 N MAIN ST MARION, OH 43302

### 09-Feb-2008

Sponsor: HUBER HEIGHTS ARC Time: 9:00 AM (Walk-ins allowed)  
Contact: JOHN W MARTINDILL (937)307-0793 Email: [AB8NV@ARRL.NET](mailto:AB8NV@ARRL.NET)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: HUBER HEIGHTS PUBLIC LIBRARY 6160 CHAMBERSBURG RD HUBER HEIGHTS, OH 45424

### 09-Feb-2008

Sponsor: TOLEDO MOBILE RADIO ASSOC Time: 8:30 AM (No walk-ins)  
Contact: STEVEN L STALKER (419)467-3734 Email: [SSTALKER@AMERITECH.NET](mailto:SSTALKER@AMERITECH.NET)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: MAUMEE FIRE STATION #2 450 W DUSSEL DR MAUMEE, OH 43537

### 10-Feb-2008

Sponsor: INTER-CITY ARC  
Time: 1:00 PM (preregistration required)  
Contact: RICHARD E FLETCHER (419)886-2463 Email: [VKAFLETCH@AOL.COM](mailto:VKAFLETCH@AOL.COM)  
VEC: [ARRL/VEC](http://ARRL/VEC)  
Location: Mid-Winter Hamfest Richland County Fairgrounds Admin Bldg Mansfield, Oh

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## DX & IOTA UPDATES

**NEW DXCC ENTITY.** The ARRL DXCC Desk is pleased to announce the addition of St Barthelemy (FJ) to the DXCC List, making the island entity number 338 with an effective date of 14 December, 2007. Cards with contacts dated December 14, 2007 or after will be accepted for DXCC credit. New card submissions for St Barthelemy will not be accepted until January 1, 2008 in order to allow time for administrative adjustments. French St Martin (FS), while also added to the List of Dependencies and Areas of Special Sovereignty, will remain on the DXCC List, but it is now considered a Point 1 Political Entity under the same classification as that of St Barthelemy. If St. Martin has already been worked, confirmed and credited to a DXCC award, it is unnecessary to rework it for DXCC credit.

**BOUVET, 3Y.** Petrus, ZS6GCM is QRV as 3Y0E probably until February 14, 2008. He is the medical officer with a five member research team on the island. He is a newly licensed operator, with capabilities to be QRV on 40, 20, 15 and 10 meters during his spare time only. QSL via LZ3HI.

**ROTUMA, 3D2.** Tony, 3D2AG is QRV as 3D2AG/p until the end of January. He is generally active on 20 meters using mostly CW but with some SSB as well, and on 40 and 17 meters using CW. QSL via FO5RK.

**CYPRUS, 5B.** Special event station C4EURO will be QRV during 2008 to commemorate the Euro as the new currency of Cyprus. Activity will be on all HF and VHF bands using CW, SSB and various digital modes. QSL via 5B4AGC.

**BULGARIA, LZ.** In commemoration of the 130th anniversary of the liberation of Bulgaria from the Ottoman empire, special event call LZ130LO will be QRV from January 1 to March 31. QSL via operators' instructions.

**SURINAME, PZ.** A team of operators will be QRV as PZ5YV from Paramaribo for ten days in the first half of January. Activity will be on 160 to 6 meters using CW, SSB and RTTY. QSL via IT9DAA.

**KAZAKHSTAN, UN.** Rashad, 4J9M is QRV as UN/4J9M until February 3 while on business here. QSL via DL7EDH.

**BOUVET ISLAND, 3Y.** Petrus, ZS6GCM is QRV as 3Y0E and will be active for the next few weeks. He has been active on 20 meters around 1500 to 1700z. QSL via LZ3HI.

**SENEGAL, 6W.** Jacques, F6HMJ will be QRV as 6W/F6HMJ from January 8 to 29. Activity will be on 80 to 10 meters using CW, SSB and RTTY. QSL to home call.

**ANTARCTICA.** Felix, DL5XL is QRV as DP0GVN from Neumayer 2 Base for the next three months while working on setting up Neumayer 3 Base. QSL via DL5EBE.

**ST. BARTHELEMY, FJ.** Yuichi, JR2KDN and Paul, F6EXV will be QRV as FJ/JR2KDN using RTTY and FJ/F6EXV using CW and SSB, respectively, from January 6 to 20. Activity will be on 160 to 10 meters. QSL to home calls.

**MARQUESAS ISLANDS, FO.** Jouko, OH1RX, Pertti, OH2PM, Veijo, OH6KN and Juha, OH8NC, will be QRV from Nuku Hiva, [IOTA OC-027](#), from January 9 to 22. Activity will be on 160 to 10 meters using CW, SSB and RTTY with three stations on simultaneously. QSL via OH2PM.

**JERSEY, GJ.** Sylvain, F4EGD is QRV as MJ/F4EGD and has been active using RTTY on 40 meters around 2230 and 0000z. QSL to home call.

**ITALY, I.** Operators from Reggio Emilia will be QRV as II4TRI from January 5 to 20 to celebrate 211 years of Trikolore, or the Italian flag. QSL via IK4SWX.

**DJIBOUTI, J2.** Mala, F4FMI is QRV as J20MB until the end of March. Activity is on 20, 17 and 15 meters using SSB. QSL to home call.

**AMERICAN SAMOA, KH8.** Larry, AH8LG has been active on 6 meters between 2200 to 0200z. QSL direct.

**MARSHALL ISLANDS, V7.** Randy, V73RY is QRV from Kwajalein, [IOTA OC-028](#), until May. QSL via N7RO.

**ANTARCTICA.** Ludwig, ZS6WLC is QRV as ZS7BYRD from the Antarctic base SANAE IV until February. He is usually active on 20 meters using CW, SSB and AM. QSL via operator's instructions.

**OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Liberia, 5L2MS, 2007 operation; Angola, D2NX, 2007 operation; and Seychelles, S79UU and S79AB, 2007 operation.

**New Prefix for Bosnia-Herzegovina Officially Announced** In response to a request from the Ministry of Communications and Transport of Bosnia and Herzegovina in August, the International Telecommunication Union (ITU) withdrew the call sign prefix allocation T9A-T9Z for Bosnia and Herzegovina and made a **new allocation, E7A-E7Z**. The change was made initially on a provisional basis under authority of the ITU Secretary-General and was confirmed by the 2007 World Radiocommunication Conference to be effective November 17, 2007. Amateur Radio station licenses bearing E7 prefixes will be issued beginning in January 2008, and the use of other prefixes will be phased out.

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## WHO'S THIS

Well did you figure out who the person was for last month ?? This was from 1976 and he had the former call sign of WB8RHV. Sound familiar? It was the original call sign for the 444.700 repeater. Yep you got it this is John Young now N8JY.



Now for the new photo. This also dates from 1976 and the big SET exercise. He is still active with the club. His call was WB8SFV when this was taken. He is the one who gets the printing done for the hamfest tickets & flyers The answer next month.



## WANTED STORIES ABOUT THE CLUB'S PAST

Since this is our club's 75<sup>th</sup> year I would like to ask all of our members if they remember some of the early days of IARC. If so please send an article to me so it can be placed in future issues of the Airwaves Journal. I think it would be interesting for the members to hear stories of past happenings and how the club was formed. There are not many people left from the early days so please if you have something let me know. If I can get enough good stories for the newsletter I am thinking of making a special edition with just the stories and other related items by the end of the year. I will be working on this with David Spain KC8GNU and anyone else that might want to be part of this idea. Scott Yonally found the club scrapbook so I will be reviewing it for ideas too. Email stories or articles to [kc8gnl@embarqmail.com](mailto:kc8gnl@embarqmail.com) or send them to me at the Best Bike Shop at 78 Lexington Ave Mansfield, Oh 44907.

Thanks  
Jay Bookwalter KC8GNL  
Editor

# IARC HISTORY AS SHOWN ON THE CLUB WEBSITE

## **The History of The InterCity Amateur Radio Club (IARC)..**

The actual date of when the InterCity Amateur Radio Club was formed is not known, but we do know that 5 gentlemen from the surrounding area formed it in the later months of 1933. The name "InterCity" is not hyphenated deliberately as to distinguish itself as being from all over the area and not just within it. It was registered 1933 with the American Radio Relay League as an Affiliated Club and the name actually was InterCity Radio Club (IRC). Its name was changed in the mid 1970's to more clearly identify itself as a true bona fide Amateur Radio Club. And so it is.

The club call of W8WE was inherited from one of the clubs most influential members of the time, Bart Geib. By profession Bart was an Ohio State Highway Patrolman. His callsign was adopted in the late 1960's as the club call. Even though the club had been in existence since 1933 it wasn't until the later part of the 1980's that the club actually was incorporated with the state of Ohio and then registered with the IRS as a non-profit organization. Over the years a great many of its members have received state and national recognition for their work in the advancement of the Radio Art.

The IARC holds its meetings monthly beginning in September through June with July and August being summer break. The Club meets at the Mansfield Red Cross Building at 7:30pm. Once each year in May there is a dinner held to honor one of its more outstanding members. This ritual is called the "Ham of the Year" dinner. The member honored is recognized for his/her contributions not only to the Club, but also to the community and Amateur Radio as well. This honorarium has been celebrated since 1968 with a new inductee added each year.

The majority of the Clubs funding comes from annual "Mansfield Mid\*Winter Hamfest & Computer Show" (flea market) that is held the second weekend of February each year. Amateurs (more than 2,000 of them) from 20 states come to be a part of this event.

In 2003 we celebrated our 70<sup>th</sup> birthday while the state of Ohio celebrated its 200<sup>th</sup>. A testament to both their greatness'.

IARC's primary service to the community is in its ability to teach Amateur Radio to the community. Thereby maintaining a corps of "trained communicators." This corps of "communicators" has served its community well over the past 60 plus years by providing a needed communications link between multiple public service agencies when a "Communications Emergency" has been realized.

Along this line they not only teach, but they also test for the Federal Communications Commission through the Volunteer Examiner Program. All Amateur Radio Operators throughout the world must be licensed. The test is comprised of questions concerning National and International Laws, radio theory, and safety.

The InterCity Amateur Radio Club has been instrumental in forming and maintaining what is now known as Skywarn in North Eastern Ohio. These trained weather observers have formed a network of communication relay points for the 33 counties of responsibility to enhance the National Weather Services ability to accurately report on and disseminate back to the general public, severe weather information that it receives. Amateur Radio Operators are responsible for more than 95 percent of the severe weather reported in the Northeast Ohio area.

In a less formal role, it has been the privilege for members of InterCity to also be the primary

communications link for the Miss Ohio Parade, the Great Ohio Bicycle Adventure, Pineman Triathlon competition, and many bicycle and walk-a-thons throughout this area.

In the latter part of 2003 the Board of Directors of InterCity took on the challenge of merging the secondary club in Mansfield known as the Mansfield Amateur Service & Emergency Repeaters, Inc (MASER). This merge was completed in February 2004 with all assets from MASER now belonging to InterCity. This included all four repeaters as well as this web site.

It would be nice to add to this story so again if you have any additional info please let us know. If I can get enough good stories for the newsletter I am thinking of making a special edition with just the stories and other related items by the end of the year. If you have contact with some of the original members or have stories about the early days of IARC I would like to get them for possible articles. I will be working on this with David Spain KC8GNU and anyone else that might want to be part of this idea. Scott Yonally found the club scrapbook so I will be reviewing it for ideas too.

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## 1933

1933 the year IARC was founded. I found a photo in the scrap book listing the following people as charter members. The photo is glued into the book so I could not copy it to this newsletter but here is the list of names and their call signs.

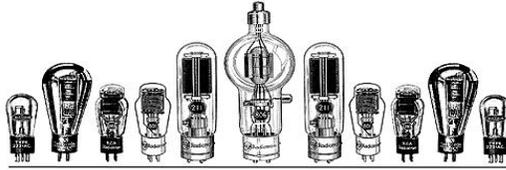
**Eldon Heck - W8PO**  
**Bob Whiteside - W8AFU**  
**Ed Shaw - W8FQY**  
**Bob Wagner - no call sign listed**  
**Dick DeLong - W8EMK**  
**Don Fetters - W8BWV**  
**Harry Tummonds - W8BAH**  
**Tom Dewitt - W8ANZ**  
**Bob Dever - W8EFT**  
**Glen Norris - W8DWP**  
**Bart Geib - W8WE**  
**Egon Loeckel - W8TEJ**  
**Ted Oliphant - W8BRC**  
**Ed Harry - W8LYQ**  
**Bert Elliot - W8\_Q**  
**Charles Wysall - W8TV**  
**Milt Reed - W8JEY**

These guys are the ones who put the IARC together and we owe them many thanks for beginning a club where we can all share this great hobby and great fellowship.

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# Guest Column

## Tubs of Tubes



by Dan Romanchik, KB6NU'

The other day I got a call from a guy whose website I'm working on. He says he's calling from the Ann Arbor Reuse Center and that they have two tubs full of vacuum tubes there. He asked, "Do you know anyone who might want them"?

"How much are they asking for them"? I reply.

"Ten cents a piece."

"How many are there"?

"I'd guess about two hundred."

"Well, tell them I'll give him 20 bucks for all of them."

He tells them that I'll give them \$20 for the lot. I hear some mumbling. He comes back on the line and says they're negotiating. After a minute or two, he says, "OK. You got them. How do I get to your house"? I gave him directions, and in about 15 minutes, he pulls up to my house, gets out, opens the hatch, and pulls out two plastic tubs and a cardboard box with vacuum tubes in them. I can tell he was way off in his estimate. There must be at least 400 tubes in all. There's nothing really exotic--most of them seem to have been taken out of old TV sets--but I did find a couple of 6J6s. These are the tubes used for the single-tube transmitter I have been thinking about building (see [http://wv7g.home.mindspring.com/jones\\_6j6.html](http://wv7g.home.mindspring.com/jones_6j6.html) for more info). In one of the tubs, there was even a socket for the 6J6.

There are also a bunch of 6KS7s. According to the RCA tube manual, these tubes were often used as RF or IF amplifiers. That sounds like the beginning of a receiver project, doesn't it? In fact, 6SK7s were used in the receiver section of the ParaSet (<http://www.mines.uidaho.edu/~glowbugs/paraset.htm>), a "spy radio" used during WWII.

And, of course, there are a bunch of rectifiers to make a power supply. Now, all I have to find some cheap transformers. Anyone know a good source for them? When he's not wondering what he's going to do with more than 400 vacuum tubes, KB6NU works CW and PSK on the HF bands and blogs about ham radio at [www.kb6nu.com](http://www.kb6nu.com). You can reach him by e-mail at [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com)

[[NOTE: A photo of one of the tubs can be had off my website at <http://kb6nu.com/wp-content/uploads/2007/12/tuboftubes.jpg> ]]



**SKYWARN**

# **Annual Skywarn Training**

**Thursday March 6<sup>th</sup>, 2008**

**2 session locations**

**1:00 PM at Med Central Wellness Center  
W. 4<sup>th</sup> St in Ontario at St Rt 309**

**6:30PM at Crestview High School  
Auditorium on St Rt 96**

**Call 419-522-3696 if you have questions  
Public is welcome**

# Skywarn Training

As we should all know training for Skywarn is required every 3 years to be considered as a trained spotter. There are a lot of members on the list in need of this training!! One way to know if you are on the active list is getting the NWS spotter's newsletter. Did not get a copy? Then you need to attend a training session to be reinstated. The other is to contact Ken Allen KC8TDW, Danny Bailey KB8STK, or Jay Bookwalter KC8GNL as they have a list of spotters and their last training dates. I will publish the list next month just to make it easier to see when you last took the training.

This year there is a new aspect to how warnings will be issued for severe weather. It is recommended that if possible all should attend a session so you will understand the changes. This new warning program is being called the "Storm Based Warnings". What this will do is cut the area down to be more specific where storms will travel. For example the old way was to issue a warning for the entire county. How many times was the sun shining at your place when a warning was issued. I know quite a few times last year where storms went thru the north half of our county while nothing happened to the south! With the new warnings it will specify what area of the county will be effected .

The easiest way to understand this new warning program is to visit <http://www.nws.noaa.gov/sbwarnings/> This along with the spotters training should make things easier to understand. Yes this will mean a few changes in net operations as far as when warnings are issued too. This is being worked on and we will let you know what and how the changes will be made. So PLEASE mark your calendar now for spotters training on March 6<sup>th</sup>. If our session is not a good time then visit [www.erh.noaa.gov/cle](http://www.erh.noaa.gov/cle) and click on the skywarn link in the left hand sidebar. Then click on training dates. This will give the list of all sessions and their counties & locations.



## A Little of this, and a Little of That from kd8azq

First things first: Happy New Year 2008, what a great year its going to be for the IARC. Real quick, I just want to say "Thank You" to all of you, For all you do. Your help with all the events and Hamfest means a lot, and it benefits all our members.

Update on the HamFest everything is on Schedule as far as we can tell, we have a lot of ideas new for this year. The Red Cross, along with both Cert and Richland County EMA are going to be setting up tables in Fairhaven hall , we will also have set up a working Digital station and possibly an HF Station so we can show the non-hams a sample of what we can do.

This is our biggest event of the year, and its going to take a positive attitude from all of us, not only as individuals, but on the Whole as a club to make things work.

IARC Meeting Change: The next IARC meeting will be February 1,2008 and it will be held at the **Richland County Health Department** located at **555 Lexington Ave** between the new YMCA and Wood lawn nursing home. Down on the lower level, There is plenty of paved parking and its well lighted. The conference room is very nice and not only does it have overhead projector, but there is also a dry eraser smart board, and Internet. There is also a small kitchenette for our coffee and after meeting treats. Please come to the next meeting to at least check out the facilities and let us know if this is where you want to start having our meetings.

### Tech Cram Session:

The next Cram Session is scheduled for March 28,29,and 30th, 2008 at the Health Department, 555 Lexington Ave. That's Friday evening 6pm-9pm, Saturday 8am-5pm and Sunday 8am to about noon, lunch break and closed test session at 2pm. More info on the website: [www.iarc.ws](http://www.iarc.ws)

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## FROM THE ARES E.C.

Danny Bailey KB8STK

2008 is here and time to get ready for another fun year of doing Events. I know we all have fun doing the events and did I mention great food too. This year I will get to try out my portable setup I had put together thanks to K8BLN Bryan Nolen and My Ham Buddy Kerry Busby KC8GEM/SK that passed away couple years ago I am really excited to get this project done that Kerry and Myself had come up with. The project is a mobile mount which is a piece of diamond plate aluminum that is bent in a L-shape so you can put a tire on it to hold it. It will hold a telescope pole about 33ft. can be setup in about 15 mins. If you are interested in making one I will be glad to assist you.

I was at a Meeting Tuesday in Ashland and met their new Ashland Co.EMA Director Mark Rayfield. He is really interested in Amateur Radio and was related to Cloyce Proctor a long time Ashland Ham now SK. He is also a cousin of Scott Yonally's Wife, so yes amateur radio is very familiar with him. I am really Grateful to be able to work with these great guys our own Keith Markley here in Richland Co., Bill Ommert in Huron Co., Dan Stahl from Seneca Co.and now Mark in Ashland Co.

I am going to be setting up another Foxhunt when weather changes and we can stand it running around again outside. Also our ARES will be having another Group Meeting in Feb. after the Hamfest. I will try to have these every 3 months as being required by the SEC . Also *Dont forget March Is our Skywarn Training Classes Again which will be on Thursday March 6th,2008 at 1pm at Wellness Center on 4th street in Ontario, and at 6:30pm at Crestview High School on State Route 96 East off of State Route 13 North*

Thanks to all 4WD Drivers for helping myself put together a list of 12 Drivers if needed to assist Richland County and Medcentral Hospitals during winter emergencies.

73

Danny Bailey KB8STK  
Richland County Emergency Coordinator



# MEETING MINUTES FROM 1/4/08

The meeting was called to order by President Rob, kd8azq. A round of introductions was made by all present.

**Treasurers Report:** This was given by Dean, kb8mg. As of this meeting we have in general savings, \$2925.66, Repeater savings: \$3,320, Dues stand at \$694, Checking is at \$602.63. Bill, w8wer made a motion to accept and Mike, w8emt seconded.

**Membership:** Mike w8emt said that as of this meeting we had a total of 75 paid members.

**Website:** Philip, kd8fgv said that we have had a total of 245,438 hits to the website. We had on average 7,917 hits to the site each day. It transferred 1500 MB of information. The club's Airwaves newsletter was downloaded 806 times.

**Tech Committee:** Bill, w8wer said that the audio between both receivers needs evened out. The repeater receives better now than it transmits. Bill also talked about the extra Tate equipment that was purchased over the summer. We still have enough stuff to install yet another remote receiver if necessary. Tom, n8twm asked Bill if there are any plans to fix a static problem on the repeater when the wind blows. Bill said that there are, but it is going to be difficult to fix as it only acts up when it is windy.

**ARES:** Danny, kb8stk said that Keith Markley and Mike Hildreth send Thanks to our ARES group. We have 12 people signed up on the Four Wheel Drive list which was created for a major winter storm we were to have had earlier this past December. He would also like to thank those who helped during the 2007 special event and ARES season. All of the effort that was given by the members is very much appreciated. Danny, kb8stk said that the Skywarn training will be held at the Wellness Center located on 4th St. Mansfield at 1:00 PM. The second training course will be held at Crestview High school at 6:00 PM. The date of these training events is March 6, 2008.

**Education:** Henry, wd8q talked about the Technician cram session held in November. We had a 67% pass rate. They have decided that all Tech study courses will be the cram style. He said that the next Technician cram session will be on March 28, 29 and 30, 2008.

**VE Testing:** Rob, kd8azq told Dick, n8cjs that they will not be able to have the VE testing session on January 19 at the Madison township hall. He mentioned the possibility of having the testing session at the Lexington Senior Citizen Center. There is no cost for any public civic organization. Rob asked Philip, kd8fgv if we could use the Health Department's conference room and Philip, kd8fgv said he would check the calendar the

next day. *Since this meeting it has been confirmed that the VE test session will occur on January 19 at the Richland County Health Department. Preregistration is requested by contacting Dick, n8cjs at: [vkafletch@aol.com](mailto:vkafletch@aol.com)* Henry also wanted to remind everyone that there will also be testing at this year's Ham Fest.

**New Business:** Jay, kc8gnl said that he would like to put some articles together from the past commemorating our club's 75th anniversary with help from the membership. He would like to get enough articles together to put together an anniversary special edition of the Airwaves. Bill said that he is glad to hear about this as he would like to do something special with the Newsjournal. He would like to get enough information together to do a full page on our club. Jay also said that we now have the club's scrap book. Scott, n8sy located it and dropped it off at Jay's shop. This will be a great help! Bill, w8wer asked if we have any collectors with radio gear from that vintage. Mark, kc8mkl suggested that he contact John, wa8mho. Bill, w8wer would like for us to put together a small display at the Mansfield museum. Jay, kc8gnl suggested that we contact the ARRL as we have been involved with them from nearly the beginning of our club.

**Special Events:** President Rob, kd8azq has already talked to Therm O Disc so we can rent there park for our Field Day event for 2008. We had some discussion as to the actual date of Field Day. Mansfield's Bicentennial parade is also going to be on the Saturday of Field Day. Our June special events consist of: May 31st is to be the 100 Mile Mountain bike race located in Mohican Park. Miss Ohio will be taking place over the second weekend of June. We also have the Pleasant Hill Safe Boating and Fishing show which will occur on the 3rd weekend of June. Rob, kd8azq said that he would verify this for the next meeting. And, on top of this, as if we don't have anything to do in the month of June, we also have GOBA (Great Ohio Bicycle Aventure) occurring on the Sunday and Monday of Father's Day weekend. President Rob, kd8azq asked if there was any other new business? None was brought up.

**Change Of Meeting Locations:** Rob kd8azq stated that Cathy, kc8snp contacted him and said that we can have the township hall reserved for the rest of the year if we would like to continue using it for our club meetings. He also said that we have an open invitation to use the conference room at the Richland County Health Department any time we need. Rob then asked what the club would like to do. Continue meeting at the Madison Township hall or try meeting at the Health Department for one month to see how we like it. He said that the room at the Health Department seats 100 people, has kitchenette, internet access and Smart Board. It also has access to paved parking in the rear, and is more centrally located. With all of this said, a discussion was held. After of which we agreed to have our February meeting there at which time we would make a final decision which location we liked better.

President Rob, kd8azq asked if we had anymore new business? Jay, kc8gnl said that he is still taking articles for The Airwaves Newsletter. They will be accepted until the 10th

of each month. Anyone wishing to send him something should send it to:  
kc8gnl@embarqmail.com

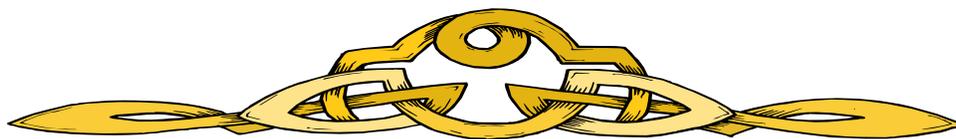
**Ham fest:** President Rob, kd8azq said that AES contacted him and said that they would not be attending our Ham Fest this year. Rob asked Dean, kb8mg what their exact reason was. Dean said that their response was “P&L didn’t warrant them coming to our show”. We are competing with Orlando Florida’s Ham Fest which is the same weekend. President Rob, kd8azq said that Bill, w8wer and him contacted a number of vendors. Bill said that he contacted R and L. Their response was that our show is not big enough for two new retail vendors. But, they are going to Orlando. R and L are very positive about coming to our show next year. If we have two thousand attendees that they would come even if AES is present. Bill also said that he contacted a number of smaller vendors. Tower Electronics, is going to Orlando. Universal Radio no longer does any Ham Fests of any type due to staffing shortages. However, they did give us some door prizes for our show. Command Technologies said they are already backlogged in there orders and don’t need the business. President Rob, kd8azq said that we need to check if there are any Ham Fests the weekend after ours in the general area. If not, maybe it would be a good idea to see if we can move ours back one weekend so we are not conflicting with Orlando. At this time a long discussion took place regarding how we can overcome this minor setback. Rob, kd8azq said that he talked to Rob, w8rem who stated that the News Team at his radio station is going to put something over the air regarding our Ham Fest. Rob, kd8azq asked him if he can put a small reminder on there website under the Skywarn Link which when clicked on would bring up a copy of our flyer. Bill, w8wer then talked about some of the things he would like to do with the News Journal regarding our Ham Fest, and our 75th anniversary. Next we talked about who is doing what at the Ham Fest at this time and what jobs still need filled. As of this writing the jobs are all filled!!

**XYL Column for Airwaves:** Jeannine, kd8cwf asked what the feeling was about the column in the Airwaves with recipes and other topics of interest to the ladies of the club. Is it of interest? Is she wasting her time? Several people spoke up and asked her to continue it as they found the topics interesting.

**Misc:** Danny, kb8stk said that the Seneca County club had Santa Clause on the repeater on Christmas Eve. Santa took time out of his busy schedule to talk to those on their repeater who wanted. He has already agreed to meet next year on the same repeater which is linkable through IRLP. It is at this time that Bill, w8wer made a motion to adjourn the meeting, and Danny, kb8stk seconded.

Respectfully Submitted, Mark Dailey Kc8mkl

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## "75th ANNIVERSARY YEAR"

By David Spain (KC8GNU)

Wow, talk about a milestone, this year marks not only the beginning of the 24th Solar Cycle, but it marks the 75th anniversary year of the Intercity Radio Club (IRC), which was founded in 1933 here in Mansfield, and later renamed the Intercity Amateur Radio Club. The club's current call sign, W8WE, originally assigned to Bart Geib, a founder and charter member of the club, and a very active and respected ham radio operator, was adopted by the club in memory of him after his death in 1963.

Other IRC members in 1933 were Eldon Heck (W8PO), Bob Whiteside (W8AFU), Ed Shaw (W8FQY), Bob Wagner, Dick DeLong (W8EMK), Don Fetters (W8BWV), Harry Tummonds (W8BAH), Tom Dewitt (W8ANZ), Bob Dever (W8EFT), and Glenn Norris (W8DWP).

An interesting Federal government document in an IRC scrapbook, shows that in February of 1922, Eldon Heck, then 19, and a fellow named John C. Clark, then 17, who were both living in Shelby at the time, were granted a joint one year "ticket" (8AYQ) via the 1912 Congressional Act to Regulate Radio Communication. The agency that granted them the license was the Department of Commerce, Bureau of Navigation, Radio Service, which could have been the forerunner of the Federal Communications Commission (FCC).

Ironically, the IRC wasn't the first amateur radio club in the Mansfield area. In a well written, and I presume a regularly appearing QST article titled "Amateur Radio Stations", this one dated April of 1921, the subject is the Radio Club of Mansfield. The unknown author states that the club was organized in June of 1919, with C.S. Fernyak elected secretary-treasurer, and C.C. Endly, president.

The club's call sign was originally 8HH, but later changed to 8ZR. It's unclear in the scrapbook documents whether the Radio Club of Mansfield eventually led into the organizing of the IRC, co-existed along side it, or disbanded prior to 1933.

The QST article, also in the scrapbook, gives an excellent, but brief, insight, into early ham radio activities in the Mansfield area. Of particular interest is that the club had a radio shack, and a large array of wire antennas located in the field at the southeast corner of Vennum Avenue and Ohio Street, which was referred in the article as the "outskirts of town".

From what I can gather from reading other items in the scrapbook from that era, the antennas were versions of those known as “L’s”, the two masts for the wires were 100' high, and the shack was in the middle of them. The club members were experimenting with “spark transmitters”, and had success in getting contacts as far away as Walnut Grove, California, and Vancouver, Washington.

The scrapbook with early IRC photographs of events that would rival our “Field Days” will be available at monthly club meetings, and at Jay Bookwalter’s (KC8GNL) bicycle shop on Lexington Avenue. The book is huge, measuring about 20" x 25" and somewhat heavy. There are also some file folders with interesting historical fun-to-look-at IRC documents and everyday papers.

If, as you look at the scrapbook, you recognize the name of an old-time operator, and you know their whereabouts, presuming they are still alive, let Jay Bookwalter know about that person, so we might be able to contact him for an interview. If you want to give us your remembrances of one of the old-time operators who is deceased, feel free to that too.

In a photo in the scrapbook dated November 11, 1969, and titled “Old Timers Night”, from the names listed above, you can see Elden Heck, Ed Shaw, Dick DeLong, Don Fetters, and Tom DeWitt.

“7-3” from David Spain KC8GNU

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# ***XYL Speak Out***

**"January Beat The Blahs"**

**Happy New Year to All!**

**After the Holiday Blues.** After all the decorations are put away, the tree is dragged out to the curb, the weather makes you feel like you're living in a cave (cold and dark), and the bills just keep piling in, here are a few suggestions to take your mind off your troubles:

Try working on crosswords or snuggling up with a good book to keep your mind active and alert.

Go to the library and check out some old movies (for free).

Take a little "Me" time on a Sunday afternoon and indulge yourself with a relaxing bubble bath while sipping your favorite beverage or reading that book.

See a melodrama at the Mansfield Playhouse on January 11 & 12, 18, 19 & 20 at 8 pm. Tickets are \$12 for adults, \$11 for seniors and \$7 for students. (419-522-2883)

Attend the "Basic Maple Syrup Producers Workshop" at Malabar Farm State Park on Saturday, January 12 from 10 pm to 12 pm. (419-892-2784) Cost is \$10/person. Free parking at the visitors lot.

Visit Mansfield-Richland County Public Library and see "Historic Eateries of Mansfield" by Doni Stahl in the second floor gallery. Original paintings are the basis of the 2008 Mansfield Bicentennial Calendar being sold to raise funds for the city's celebration. Through January. (419-521-3113)

Visit the Ontario Public Library and see the "Northwest Territory Duo". Duo combines Mike Gorrell, a singer, guitarist, mandolin player and songwriter who has performed throughout the U.S., Canada and Great Britain, with Michele Birkby Vance, who has won fiddling championships in several states including Ohio, Indiana, Pennsylvania and Maryland. Saturday, January 12 at 1 pm. (419-529-4912)

Visit Gorman Nature Center and view "The Night Sky". Monthly telescope program by Ralph Hunt and Steve McKee. Saturday, January 12 and Tuesday, February 12 at 7 pm. (419-884-3764)

Visit the Richland County Museum in Lexington for "Sunday at the Museum: Make a wall hanging". Sunday, January 13 from 1:30 pm to 4:30 pm. Participants will use cloth or paper and any embellishments they choose to create no-sew wall hangings. (419-884-2230)

Visit Mohican State Park for "Mohican Winter Hike" on Sunday, January 13 from 10 am to 1 pm. Hike the trails of Mohican State Park. 10k and 5k hikes. Refreshment will be available. (419-565-3560) Family Friendly. All ages. Parking at camp store.

See a Broadway show at the Renaissance theatre Sunday, January 13 at 3 pm or 7:30 pm. The show is called "The Producers".

**NOTE: The above activities numbers 4 thru 11 were obtained from the News Journal online. Any errors are due to incorrect information on the website. Please call before attending any questionable event to assure dates, times and costs or for directions.**

Participate in the 5<sup>th</sup> annual "Stroll for Epilepsy" taking place at Polaris Fashion Place in Columbus on the morning of Saturday, January 26. Participants are asked to collect pledges and walk the mall. For more information log onto [www.epilepsy-ohio.org](http://www.epilepsy-ohio.org) and click on Stroll 2008.

**NOTE: The above information on the epilepsy stroll was obtained from the "Columbus Today" website.**

**Theme.** Don't forget to submit those theme ideas! A natural for February is: *Hearts and Flowers*. Does anyone have any gardening tips for us? Or how about a romantic (?) story about how you met your Ham operator significant other?

**Violet Update.** I have received assurance from Melody Hensel (**KB8UTU**) that the violet is still alive. It has however stopped flowering. I told her this could be due to variations in sunlight, fertilizer requirements and/or normal dormant stage. I am not worried right now, however, if this pattern continues I will have to summon the EMT to administer CPR. Maybe Dick can provide us with a photo next month as proof of life?

**Recipe Hunter.** We had a request from Susie (**AB8QB**) for the recipe for a rice salad with black and white rice, raisins, and almonds that was brought to the picnic at Burton Park in September. If you have the recipe or know who does you can contact Susie at her email address: [Susie\\_M40@hotmail.com](mailto:Susie_M40@hotmail.com). Thanks.

Email submissions or comments to:

[jsbestact@aol.com](mailto:jsbestact@aol.com) (**KD8CWF**) or [luckyemt@hotmail.com](mailto:luckyemt@hotmail.com) (**KD8CWI**).

PLEASE TELL US WHAT YOU THINK ABOUT THIS COLUMN. IT'S THE ONLY WAY WE CAN GROW AND IMPROVE.

Jeannine Stickler (**KD8CWF**) and  
Melody Ruth (**KD8CWI**)

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# NOAA: Sunspot is Harbinger of New Solar Cycle, Increasing Risk for Electrical Systems

January 4, 2008

## First official sunspot belonging to the new Solar Cycle 24.

A new 11-year cycle of heightened solar activity, bringing with it increased risks for power grids, critical military, civilian and airline communications, GPS signals and even cell phones and ATM transactions, showed signs it was on its way late yesterday when the cycle's first sunspot appeared in the sun's Northern Hemisphere, NOAA scientists said.

"This sunspot is like the first robin of spring," said solar physicist Douglas Biesecker of [NOAA's Space Weather Prediction Center](#). "In this case, it's an early omen of solar storms that will gradually increase over the next few years."

A sunspot is an area of highly organized magnetic activity on the surface of the sun. The new 11-year cycle, called [Solar Cycle 24](#), is expected to build gradually, with the number of sunspots and solar storms reaching a maximum by 2011 or 2012, though devastating storms can occur at any time.

During a solar storm, highly charged material ejected from the sun may head toward Earth, where it can bring down power grids, disrupt critical communications, and threaten astronauts with harmful radiation. Storms can also knock out commercial communications satellites and swamp Global Positioning System signals. Routine activities such as talking on a cell phone or getting money from an ATM machine could suddenly halt over a large part of the globe.

"Our growing dependence on highly sophisticated, space-based technologies means we are far more vulnerable to space weather today than in the past," said Vice Admiral [Conrad C. Lautenbacher](#), Jr., under secretary of commerce for oceans and atmosphere and NOAA administrator. "NOAA's space weather monitoring and forecasts are critical for the nation's ability to function smoothly during solar disturbances."

Last April, in coordination with an international panel of solar experts, NOAA issued a [forecast](#) that Solar Cycle 24 would start in March 2008, plus or minus six months. The panel was evenly split between those predicting a strong or weak cycle. Both camps agree that the sooner the new cycle takes over the waning previous cycle, the more likely that it will be a strong season with many sunspots and major storms, said Biesecker. Many more sunspots with Solar Cycle 24 traits must emerge before scientists consider the new cycle dominant, with the potential for more frequent storms.

The new sunspot, identified as #10,981, is the latest visible spot to appear since NOAA began numbering them on January 5, 1972. Its high-latitude location at 27 degrees North, and its negative polarity leading to the right in the Northern Hemisphere are clear-cut signs of a new solar cycle, according to NOAA experts. The first active regions and sunspots of a new solar cycle can emerge at high latitudes while those from the previous cycle continue to form closer to the equator.

SWPC is the nation's first alert for solar activity and its effects on Earth. The center's space weather forecasters issue outlooks for the next 11-year solar "season" and warn of individual storms occurring on the sun that could impact Earth. SWPC is one of [NOAA's nine National Centers for Environmental Prediction](#) and is also the warning agency of the International Space Environment Service (ISES), a consortium of 11 member nations.

The National Oceanic and Atmospheric Administration, an agency of the U.S. Commerce Department, is dedicated to enhancing economic security and national safety through the prediction and research of weather and climate-related events and information service delivery for transportation, and by providing environmental stewardship of our nation's coastal and marine resources. Through the emerging Global Earth Observation System of Systems ([GEOSS](#)), NOAA is working with its federal partners, more than 70 countries and the European Commission to develop a global monitoring network that is as integrated as the planet it observes, predicts and protects.

