

FEEDBACK

VOLUME 51 ISSUE 2

FEBRUARY 2006

MASSILLON AMATEUR RADIO CLUB OFFICERS

PRESIDENT

Igor Nikishin
K8INN

VICE PRESIDENT

Ralph Bugg
K8HSQ

SECRETARY

Linda Finley
K8MOO

TREASURER

Anne Ballinger
N8GAF



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SHORT SKIP

Coming soon ! A wide-band HF vertical with NO ATU and NO gaps. An absolute breakthrough in antenna science. Ya, NO BUNK. The brand new Comet model CHA 250B should be available in the U.S.A. - it's already a big hit with HFer's in Europe and Asia. So keep your eyes open Bunkey for the Comet CHA 250B and remember Bunkey, ya heard it here first in the world's best amateur radio publication, our very own MARC Feedback !

73 de WB80WM

FEBRUARY MEETING

The meeting for the month of February will be held at the Massillon Senior Center on February 3, 2006 at 8:00 PM.

This will be the first meeting conducted by our new Officer's, President Igor, K8INN and Vice President, Ralph K8HSQ. Our Treasurer Anne, N8GAF and Secretary Linda, K8MOO will be returning for another year in office. Let'a all show them our support and help them in the coming year!

DUES ARE DUE !

There is only one month left--- and counting until the deadline to pay your dues in the Massillon Amateur Radio Club and it's STILL only \$ 10.00 for an entire year! . If you haven' already paid, please contact the club's Treasurer, Anne Ballinger at 330-832-8612 or send her a check in the mail to: Anne Ballinger N8GAF, 2468 Bellevue Ave. SW, Massillon, Oh. 44647-7212 right now while you're thinking about it ! Remember: We Do Not Want To Lose A Single Member !!!!!



MEET THE "NEW" OFFICER'S FOR 2006 !

Be sure to come to the meeting February 3rd and meet the "new" officer's for 2006. In the picture above are (L-R) Jim Farriss WA8GXM - Trustee, Igor Nikishin K8INN - President, Anne Ballinger N8GAF Treasurer, Ralph Bugg (behind Anne) K8HSQ - Vice President, Dan Anastis N8DZM - Trustee, Linda Finley K8MOO Secretary, Don Finley(behind Linda) W8DEF Trustee. The new "team" is taking the Oath Of Office at the Banquet last month. Congratulations to the "new" officer's of the Massillon Amateur Radio Club

MARC MINUTES January 14, 2006

The Massillon Amateur Radio Club annual dinner awards banquet was held at the Otterbein methodist Church with 54 members and guests attending.

Jim WA8GXM gave the blessing and a very good family style meal was served by the " church angels "

Joe WD8BGW and Igor K8INN then presented the serious awards.

William J North - HAM OF THE YEAR - Scott McCamish N3JJT
George Turkal W8YHU - A-1 Operator Award - Igor Nikishin K8INN
Bob Rodgers W8NWR - Field Day Award- Michele Gill KC8ZEJ
Amateur Radio Community Service Award - Jim Farriss WA8GXM
Contesting Award - Byron Berger KF8UN
Hamfest Award - Joe Herrick WD8BGW
Special Achievement Award - Rodger Trompower KA8FTS

Perry W8AU then presented certificates to his CW net operators.
 Sarah KC8ZCS - Scott KC8ZCT - Steve KD8ACF - Scott N3JJT -
 Charlie KB8STV - Rodger KA8FTS

Perry W8AU then gave the NOT so serious awards. :

Field Day Marathon Man - Igor K8INN
 Parade Marshal Hazardous Duty Award - Scott KC8ZCT
 Environmental "Handie Talkie" Testing Award - Scott N3JJT
 Jack Cale "Hang On" tower award - Jim WA8GXM
 Community Show Stopper Award - Rodger KA8FTS
 Proper Winter Attire Award for the "YL Of The Lake "- Sarah KC8ZCT -
 High heel Ice Skates

Anne N8GAF made a motion to donate money to the Massillon Lions Lincoln Theater. It was second by Gene W8KXR and Gary WC8W. A vote was taken and passed.

Joe WD8BGW then thanked the people of the Otterbein Church for the wonderful meal and service.

Joe WD8BGW then did his final official duty as MARC President. He gave the oath to the 2006 officers of MARC.
 President Igor Nikiskin K8INN
 Vice President Ralph Bugg K8HSQ
 Secretary Linda Finley K8MOO
 Treasurer Anne Ballinger N8GAF
 Trustees Dan Anastis N8DZM - Don Finley W8DEF - Jim Farriss WA8GXM

The 50-50 for \$38.50 was won by Steve KD8ACF. Thank you Steve for donating it back to MARC.

Scott N3JJT received a very important QSL card from the QSL headquarters, a very important DX contact was made to him from Kip K8KIP.)

I personally want to thank Gary WC8W for another fine year of hard work in doing the Massillon Amateur Radio Club newsletter, The FEEDBACK.

Thanks again Joe WD8BGW for doing a great job as the 2005 MARC President.

**Minutes by Linda K8MOO
Secretary MARC**

... Massillon ARC Annual Banquet ...

The Massillon Amateur Radio Club's Annual Award Banquet was held on Saturday, January 14th at the Otterbein Methodist Church in Navarre with 54 members and guests attending.

Club member Jim Farriss, WA8GXM opened the evenings events with a blessing followed by a fine family style dinner served by the church that included Swiss steak, chicken, mashed potatoes and green beans. Dessert was various delicious pie. Our special thanks to the Otterbein Church for hosting us this year and for the great dinner. I hope by the time you read this I will have had time to update the club website to include all the details of the award winners along with some great pictures of the event. Make sure you check out the club website for a link to the Banquet Page.

.. Peter 1 DXpedition To Include Mel Vye, W8MV ..

The 2006 Peter I Island 3Y0X DXpedition has received a \$7500 ARRL Colvin Award to help finance the trip to the small island off Antarctica in the Bellinghausen Sea. A team of 22 operators hope to activate Peter I for approximately two weeks in early February, weather and sea conditions permitting.

Mel is 62 years old, has been licensed since 1958 and has held the Extra Class license since 1966. He is married to Martha and is Professor Emeritus of Electronic Engineering Technology at The University of Akron in Ohio.

An active CW operator, he has amassed over 40k QSOs from various DXpeditions. He is a member of ARRL, QCWA and RSGB.

Mel has lived in China and Puerto Rico, has traveled to 71 DXCC entities, and has operated from 25. His previous calls are: W8KWH, KP4DFA, W7CIZ and K8KPP.

He has worked as an RF engineer for Verizon, lives in Ohio, is a Professional Engineer in Ohio, and currently does consulting as an RF engineer.

Many club members will remember a DX presentation Mel did for the club several years ago. Mel, a long time friend of Perry Ballinger, W8AU and of the Massillon Amateur Radio Club captivated us with his most recent DXpedition memories on his journey to St. Pierre & Miquelon Islands (FP land). Another year Mel visited us as he recounted his trip last July to Midway Island in the South Pacific.

Mel was recently the guest speaker at the Canton ARC's annual banquet in which he covered his trip to Midway Island.

We hope Mel has a great time on his upcoming adventure to Peter 1 Island and we sure hope he will pay us another visit after his return to share his DXpedition with us ! Go to www.peterone.com if you would like to read more on this great trip.

.. Skywarn Information ..

I just received the Fall 2005 edition of The Storm Chaser in the mail. This is the official publication of the Cleveland National Weather Service and contains a full summary of the 2005 severe weather season as well as other weather related information. I have posted the summary on the Stark County ARES website for your review. When I get a few minutes I intend to scan it and will post the entire newsletter to the site in a pdf format for easy download.

It also lists the dates for this Spring's Severe Weather Awareness Week for both Ohio and Pennsylvania. Here in Ohio our awareness week will be March 19th – 25th with the State-wide Tornado Test to occur on Wednesday, March 22nd at 9:50 AM. Stark County Skywarn will activate our net on the 147.12 Repeater to accept check-ins from area amateurs.

We are also currently working with Stark State College of Technology and Tim Warstler, Director of the Stark Co Emergency Management Agency to again sponsor a Severe Weather Training Seminar. No specific date has been set as yet but look for it sometime in mid March. Complete details will be posted on area websites as they are decided.

Lastly make sure you check out the 2006 ARES Calendar of Events currently posted on the Stark Co ARES website. It currently contains the dates of all the scheduled public service events normally handled by the Stark County ARES. All of the information mentioned is available at www.wd8aye.org.

That's about it for this month,

**Catch You At The Meeting
De Terry – N8ATZ**

PRESIDENTS DAY FEBRUARY 20th



POINTS OF INTEREST

Want to try something different? The Auman Museum of radio and television, located in Dover Ohio is open for tours by appointment evening and weekend hours. Perhaps this could be a club sponsored event? Check out the website (listed below)

AUMAN

MUSEUM OF RADIO & TELEVISION™ LOCATED

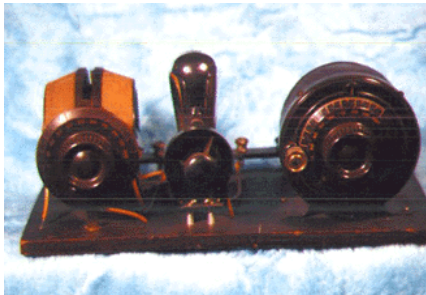
215 N. Tuscarawas Ave.

Dover, OH 44622

(330) 364-1058 or 243-4055

Email-latv@webtv.net

website:www.geocities.com/TelevisionCity/Set/1930



Atwater Kent Kit



5 Inch General Electric set from the 1938 era

These pictures are but a few of the collection that Larry Auman, WB8ERC has collected over the last 40 years. Admission is just \$ 5.00, students \$ 3.50 and children under 6 are free. Group rates (12 or more) are available.

Some of the points of interest are 1920 crystal radios, 1924 breadboard radio, a 1937 5" Andrea Television

receiver, a 1944 WWII Television Camera. A 1939 World's Fair Television, a 1946 RCA Victor Television, a 1948 First Projection Television Receiver, a 1954 RCA First Color Television There are over 950 items on display from the early days of Radio and Television. You can hear the sounds of early radio and see the shows of early television.

Some of the early Scientists, Inventors and early Pioneers are: Thomas Alva Edison
Light bulb, Phonograph, Kinetoscope

Paul Nipkow
Invented the Scanning Disk 1884

Guglielmo Marconi
Transmitted electrical signals across the Atlantic Ocean 1901

John Logie Baird
The first working mechanical television system using the Nipkow Disk 1925

Lee DeForest
Early radio and mechanical television

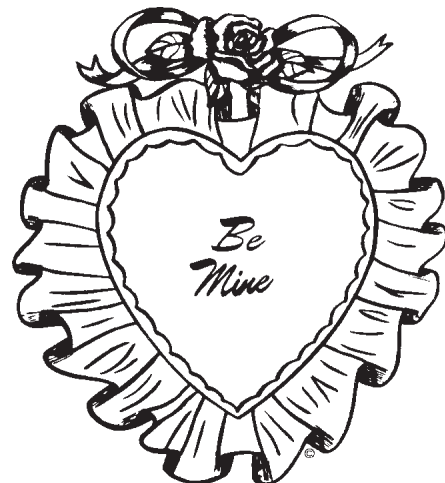
Charles Francis Jenkins
Mechanical television system 1926

Vladimir Kosma Zworykin
Developed the kinescope (picture tube) and the iconoscope (camera tube)

Philo T. Farnsworth
Invented the all-electronic television receiver, on which all television sets today are based.

Thanks to Mike Sciarini , WA8MKH for submitting this article.

**DON'T FORGET VALINTINES DAY
FEBRUARY 14 !**



SUIT SAT

Now is the time to begin preparing your amateur radio station to receive signals from SuitSat, the most unusual Amateur Radio satellite ever orbited. SuitSat amateur radio equipment will be installed inside a surplus Russian Orlan spacesuit. It will become an independently orbiting satellite once it is deployed by the crew of the International Space Station during an extravehicular activity, tentatively planned for February 2nd, 2006.

Running only on internal batteries within the spacesuit, SuitSat will have a limited, but interesting lifetime beaming down special messages and an SSTV image as it floats in space. Having no external thrust to adjust its orbit after it is hand-deployed during the EVA, SuitSat will be in a



free-floating, but decaying orbit around Earth. It is expected to remain in orbit up to 6 weeks after being deployed.

SuitSat with controls and flight handle. The image on the left shows SuitSat in its flight configuration. You can see the electronics control panel on the top of the helmet along with the SuitSat antenna. A new handle has been added around the

midsection of the suit (black stripes). The handle is an important addition that will allow the astro/cosmonaut launching the suit to move it safely. [Photo courtesy of Energia]

SuitSat's transmissions will include special international voice messages, spacesuit telemetry, and a pre-programmed SSTV picture on its 145.990 MHz FM downlink. If you have already received the packet station or heard the ISS crew on 2-meter voice, then you already have most of what you need. Amateur radio signals from the ISS can be received with a 2 meter vertical antenna so an elaborate tracking system is not necessary. The SSTV signal can be decoded with personal computer SSTV software after you connect your computer to the speaker output of your radio.

See the complete article including additional SuitSat photographs at: <http://www.amsat.org/amsat-new/articles/SuitSat/>

UPDATE!

SuitSat will be deployed during a Russian EVA scheduled to take place on Friday, February 3 at approximately 22:20 UTC.

Once activated, those who hear SuitSat transmissions are asked to enter their realtime data on the SuitSat website, www.suitsat.org so that participants around the world can track the satellite.

Reprinted from Amsat.org

(Article submitted by Dan, N8DZM Thanks Dan!)

National Radio Emergency Net

NREN Training Topic 01-02-06 - Alternate Delivery Methods

Delivery via Internet and Facsimile

A senior state police official, in reference to amateur radio, once told me, "I don't care to see how these ham operators do it, I just want my information." This was said shortly after a small group of hams insisted he come into their radio room to see how the equipment functioned. The fact is; he didn't care!

This statement reflects a realistic view of served-agency expectations. They want accurate, easily referenced information. In today's business world, the standard is information received via e-mail, facsimile, or text messaging. Radio Amateurs should be prepared to provide delivery services using these day-to-day resources when available.

The Fundamentals of Delivery

Whether delivery is affected via e-mail or facsimile, one should always call the recipient first to notify him of a pending message delivery. E-mail and facsimile transmission are passive modes. In other words, the addressee may not check his e-mail account or fax machine for hours, or even days. Therefore, the delivering operator must establish this as the method of delivery so the addressee is aware of the incoming traffic. Likewise, should the traffic be short-stopped by a spam filter or junk mail program, the addressee will know to look for it or contact you to establish an alternate delivery method.

The initial verbal contact with the addressee should always include a brief discussion of preferred methods for delivery. The "customer" should be given the opportunity to identify the method(s) to be used for message delivery. For example, an addressee who is "on the road" may desire a cell-phone call with the basic information along with an e-mail or fax copy of messages transmitted to his office for later reference. If the addressee is representing a function within the EOC environment, delivery

via the EOC message router may be most appropriate.

Reply Method

The addressee should have your reply information available with the message. NREN recommends a "footer" at the top or bottom of each e-mail or fax delivery. For example, one can create an automatic signature with your name, address, and phone number along with a short text such as "This message was transmitted via the facilities of the National Radio Emergency Network. Replies may be filed with this station."

Printed Methods

If e-mail is not available or facsimile is preferred, it is recommended one utilize a form similar to QMN Form 9701 (or equivalent). This form allows for a nicely printed (or typed) message, which can be faxed to the addressee. I have used this form to delivery "Flash Reports" for our local emergency manager following a tornado. The result is a professional, accurate, message delivery.

One of the beauties of fax delivery is that one can copy the traffic on a word processor program or even on an old telegrapher's mill (typewriter), drop it in the fax machine, dial the number, and send it on its way. The served agency will then have a record of the communications, which can be posted or routed within the Emergency Operations Center or other operational environment to the correct party(s). The information is not likely to be garbled or misunderstood as in the case of a phone message or other verbal communication.

Additional Considerations

When delivering a "hard copy" message be sure to convert the "X" used for punctuation in the initial radiogram into a period for the addressee.

While content cannot be changed, the text can be rearranged to suit readability. For example, our State EMA uses a 14 line form for notification of initial emergency events. When transmitting or receiving this via radio, it is common to simply start each "sentence," or line with the appropriate line number, a slant bar, and the text or other data. However, when delivering the traffic, the text can be broken out into separate lines for easier reference and readability by the addressee. For example:

"1/TORNADO 2/ALLEGAN COUNT 3/ VALLEY TWP 4/ 225PM EDT 5/.....Becomes:

- * TORNADO
- * ALLEGAN COUNTY
- * VALLEY TWP

- * 225 PM EST
- *ETC.

I also make it a practice to place the service data at the top of the page, separated by several lines from the address and text in order to prevent confusion for those unfamiliar with radiogram format.

While it probably goes without saying, "ARL" numbered texts should always be translated. Likewise, colloquialisms, such as "73" and the like have no place in official traffic transmitted to a served agency.

Although not required, because voice and CW methods do not have upper and lower case, it is standard in radio work to deliver message traffic in "all cap" format. If you are worried about being perceived as "shouting" by the addressee, you have spent way too much time playing on "Instant Messenger!"

Originations

It is the responsibility of the operator originating the traffic to have or obtain accurate, up-to-date phone numbers and/or e-mail information for served agencies in his area. Most public safety and relief agencies have one or two facsimile numbers, which can be easily recorded in a small address book, which can be carried in a "go kit." Likewise, many Emergency Operations Centers now have e-mail delivery direct to the EOC message router through a single e-mail address. As such, one can easily assemble a short address list for key agencies, such as:

- * The American Red Cross (local chapter, State Lead Chapter, National Headquarters)
- * Salvation Army
- * State, local, and nearby emergency management offices
- * Local police and fire departments
- * Other relief agencies

The receiving operator is then only responsible for copying the data correctly. He/she needn't waste time attempting to locate phone numbers or track down addresses. However, in the case of e-mail, it would be wise for the delivering operator to immediately add each new e-mail address to his "outlook" address book.

The resources

Most radio amateurs today have Internet accounts. Extending this capability to the "shack" is easy and straightforward. Likewise, fax machines are available at bargain prices from such retailers as Office Max and Best Buy. While this capability is not required for participation in NTS, NREN or similar programs, it should be used to advantage if available.

One can easily envision an NREN member located in a disaster area, maintaining contact with one or more NREN members located anywhere within the United States, with the latter utilizing e-mail or facsimile service to quickly and efficiently deliver and obtain reply messages from a served agency. The low cost of today's telecommunications ser-

vices means the receiving/delivering operator can be located practically anywhere in North America. The ability to deliver and originate traffic from any location at which infrastructure is operational is ideal for creating a "ready made" infrastructure for disaster support. An NREN station in a disaster area can establish communications with the member station(s) with whom he has the best readability and most reliable circuit, regardless of location. This can prove advantageous during hurricanes or severe weather outbreaks when a higher frequency band, such as 20 meters may offer a lower noise floor and less interference from atmospheric conditions or at times when the propagation on 80-meters does not permit statewide communications.

Summary and Preparedness Steps

Now is the time for NREN (and NTS) members to prepare for alternate methods of message delivery.

- * Print out QMN/NREN Form 9701. Set the printer in your shack for the appropriate margins reflecting the interior dimension of the form.

- * Prepare an alternate e-mail signature for your "Outlook" or similar e-mail program suitable for NREN message delivery.

- * Obtain an inexpensive or used facsimile machine for dedicated use in the shack.

- * Practice copying traffic on the word-processor or mill. If necessary, start with traffic received on NTS radiotelephone nets before moving to CW.

- * For data communications, utilize windows based terminal programs, which permit "cut and paste" to the e-mail or the word processor program to be utilized for message delivery.

Finally, remember! The served agency cares little about the mode utilized, but it does care about the timeliness and accuracy of the traffic handled. Whether one uses spark, CW, smoke signals or WINLINK-2000, be prepared to delivery messages in a manner that meets the day-to-day business expectations of our served agencies.

73! Jim, WB8SIW

James Wades, PEM Executive Director, Michigan Net, QMN National Radio Emergency Net P.O. Box 457 Allegan, MI. 49010

FREE!

Bob, K8MGC has two Motorola cabinets, one is 6 ft. tall and has doors. The other one is 3 foot tall and has 19 inch racks. They are free to anyone, just pick them up & haul away! Bob is good in the Stark County Amateur Directory or contact him at the next MARC meeting!

From: "ARRLWeb site" <memberlist@www.arrl.org>
ARRL 8th Area Incoming QSL Bureau 2005 Report Date: Wednesday, January 25, 2006 10:13 AM

Approximately 110,905 QSL cards were received for redistribution through the central 8th area bureau in 2005. This is down almost 20% compared to 138,236 handled in 2004. We handled 154,054 cards in 2003. The monthly breakout is as follows:

Jan. — 6,361 Feb. — 8,083 Mar. — 10,401 Apr. — 8,947
 May — 16,102 Jun. — 5,417 Jul. — 11,321 Aug. — 10,891
 Sep. — 4,676 Oct. — 4,387 Nov. — 18,773 Dec — 5,546

From these numbers and trends, you can see that LBOTW and decreasing sunspots are affecting QSL volumes. (Could it also be a decreasing population of active DXers?)

In 2005 we had five cycles where cards were sent from the central bureau to the individual letter managers. From that you can see that each cycle is approximately 11 weeks.

In mid 2005 Dave Blake, N4DB, resigned as the 'G' letter manager after many years of dedicated service. Those folks with a 'G' after the 8 owe Dave a ton of thanks for the work he has done. Don Karvonen, another well known and active DXer, has stepped up to the plate to assume 'G' letter responsibilities. I recently replaced myself as the 'F' letter manager. Bob Boehm, K8YS, has agreed to improve on what I had been doing in that regard.

The bureau is physically located at the VOA Museum in West Chester, OH. We appreciate the work of those members of the West Chester Amateur Radio Association who do the bulk sorting for us. More information on W8 Incoming Bureau operations, policies and procedures can be found at the web site: <http://home.fuse.net/jslough/w8buro.html>

Everyone is reminded that postage rates went up in January 2006. Do they have enough postage on their envelopes at the bureau to cover the new rates? Even more importantly, do they have envelopes at the bureau?

As another item of note, it cost the ARRL a bit over \$1300.00 for direct expenses involving the 8th call area last year. That does not include any associated administrative costs and overhead at the league.

The QSL Bureau - another benefit provided by your league and volunteers who work to serve you.

73,
Jay Slough, K4ZLE
W8 Incoming QSL Bureau manager

MARC BANQUET - A NIGHT TO REMEMBER !!



HAM OF THE YEAR

In the picture above, outgoing President Joe (left) congratulates our 1995 Ham of the Year Scott McCamish, N3JJT



The Hamfest Award for 2005 was presented to outgoing club President **Joe Herrick, WD8BGW (L)**. It is thanks to Joe's close ties to the community and the Massillon Boy's & Girls Club that we were able to find a new home for the Massillon Hamfest. Not only have we finally moved the hamfest "back home" but we experienced a very successful event with lots of satisfied attendee's.



On the lighter side Perry W8AU, presents Sarah, KC8ZCT The "YL Of The Lake" Award and her High Heel Ice Skates.

(Pictures and articles are from the MARC Web site - www.MARCRadio.org. Terry Russ N8ATZ webmaster. Be sure to see the rest of the great pictures and articles on the website!)

February 2006

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																						
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				<p style="color: #800080; font-weight: bold;">Groundhog Day</p> <p>Massillon Radio Net - CW and Traffic Handling Training, Freq - 3650 @ 1930</p>	<p>Massillon ARC Meeting, Massillon Senior Center, 8:00pm</p>																																																																																							
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<p>Massillon Radio Net - 3650 @ 1930</p> <p>NOARS Winterfest, Ctc: Tom Porter, W8KYZ (440)930-9115, Lorain</p>	<p>BD KC8ZCT</p>	<p>BD KA8MMN</p> <p>Massillon Radio Net - 3650 @ 1930</p> <p>VE Test Session, Pioneer AR Fellowship, 7:00 PM, Ctc: Ronald D. Lieving, (330)724-5981, Akron Baptist Temple</p>		<p>Massillon Radio Net - 3650 @ 1930</p>	<p>West Stark Info Net - 147.180 at 2000</p>																																																																																							
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<p style="color: #800080; font-weight: bold;">Lincoln's Birthday</p> <p>Massillon Radio Net - 3650 @ 1930</p> <p>Mid* Winter Hamfest, InterCity ARC, Mansfield Ctc: Dean Wrasse, 589-2415 (after 10:30 AM) - VE Test Session (Pre-Register)</p>		<p>Massillon Radio Net - 3650 @ 1930</p> <p style="color: #800080; font-weight: bold;">Valentine's Day</p>		<p>Massillon Radio Net - 3650 @ 1930</p>	<p>West Stark Info Net - 147.180 at 2000</p>																																																																																							
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<p>BD K8LBZ</p> <p>Massillon Radio Net - 3650 @ 1930</p>	<p>BD N8DZM</p> <p style="color: #800080; font-weight: bold;">President's Day</p>	<p>Massillon Radio Net - 3650 @ 1930</p>	<p style="color: #800080; font-weight: bold;">Washington's Birthday</p>	<p>Massillon Radio Net - 3650 @ 1930</p>	<p>West Stark Info Net - 147.180 at 2000</p>	<p>VE Test Session, Canton ARC / Massillon ARC, 0900, Ctc: Gary Kline, (330) 837-2927, Emergency Preparedness Center, Stark County Sheriff Office/EOC, Canton</p>																																																																																						
26	27	28	<p><u>Upcoming Events:</u></p> <p>March 19 - Toledo Mobile Radio Association Hamfest March 26 - Lake County Hamfest, Madison, Oh April 2 - Cuyahoga Falls 52nd Annual Hamfest</p>																																																																																									
<p>Massillon Radio Net - 3650 @ 1930</p> <p>WASHfest 2006, Castle Shannon (Pittsburgh), PA, Ctc: Steve Lane, 412-292-1444</p>		<p>BD WD8BGW</p> <p>Massillon Radio Net - 3650 @ 1930</p>																																																																																										