

FEEDBACK

VOLUME 54 ISSUE 7

JULY 2009

MASSILLON AMATEUR RADIO CLUB OFFICERS

PRESIDENT

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hts@cannet.com

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SECRETARY

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N8DZM
ddan@sbcglobal.net

TREASURER

Joe Herrick
WD8BGW
josephherrick@sbcglobal.net

MRN NET Tue, Thur & Sun
7:30 PM 3.600 MHz
CLUB REPEATERS
147.18 & 442.850 MHZ

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--- SHORT SKIP ---

My oh my, it's July -(already) ! Good time to check the battery in our smoke detectors. And also check the expiration date on our driver's license too.

So there you have it, two good safety tips from Short Skip!

de WB80WM

JULY MEETING

The meeting for the month of July will be held at the Massillon Senior Center on July 3, 2009 at 8:00 PM. Yes that's right we will meet as the big holiday is the next day !

Wow ! What a busy month June was. First we had our meeting on the 5th with our program of the month as an "Ice Cream Social", which was well attended and everyone certainly enjoyed themselves. The following weekend, (June 14th) was the Tour de Cure (see N8ATZ column page 3) ; followed by the weekend of 19, 20, & 21 members of MARC held our very last; ? Safety Break (see page 5). And then of course the weekend of June 27 & 28, Field Day Weekend ! At this writing Field Day hasn't happened yet so I cannot comment on the event however I intend to have a "late" recap of the event on page 8 of this issue along with some pictures and comments about how the weekend went! Final score for the event will be published in the August issue of Feedback.

A really **Great Big Thank You** to all members who participated in these events !

JOE PHILLIPS, K8QOE SK

It is my sad duty to inform you that Section Manager Joseph Phillips, K8QOE passed away at his home on Saturday, June 20. Joe died quickly following a short illness. He is survived by his wife, Donna, a daughter and a son.

Visitation and funeral arrangements have not yet been made. The family anticipates holding the funeral on Thursday, June 30 or Friday, July 1.

Joe led a spirited Ohio Section ARRL organization effectively in his unique and enthusiastic manner. His untimely death is shocking. He will be missed.

Condolences may be sent to:

Donna Phillips
2800 Jupiter Dr
Fairfield, OH 45014

Rest in peace, K8QOE.

ARRL Great Lakes Division
Director: James Weaver, K8JE
k8je@arrl.org

(more on page 6)

MARC MINUTES

June 5th 2009

The Massillon Amateur Radio Club meeting was held at the Massillon Senior Center with 20 members and guests present (signed-in).

The Pledge of Allegiance was given and a round of introductions made.

A motion to approve the minutes as printed in the Feedback was made by Paul N8DJD and seconded by Byron KF8UN. Motion Passed.

Joe gave the Treasure's report.

Carl gave the VP report various club newsletters, Butler Hamfest coming up.

Committees – Membership – Two New members Bill KD8LCS and Dave KD8LCP

Old Business

The Field Day will feature a Spaghetti Dinner with covered dishes this year.

Bruce KC8RKS mentioned help needed for the Tour de Cure bike race in Akron on Sunday June 14th. You can call him or use www.sumco-ares.org to sign up. 55 hams needed total for the race.

Safety Break – Will be June 19th – 21st. A few spots are still needed to be filled.

New business

Bruce is taking orders for safety vests.

Cuyahoga Falls will try a tailgate Hamfest.

Wade is taking signups for the HOF Grand Parade.

Andrew had an old CB for show and tell on display.

Our program this time was an ICE Cream Social.

50/50 was won by Steve KD8ACF for \$24 which he donated back to the club..

Minutes by Dan N8DZM

... Tour de Cure Report ...

On Sunday, June 14th members of both the Stark County ARES and the Massillon Amateur Radio Club provided mutual aid communications assistance to the Summit County ARES with the annual ADA Tour de Cure bike ride. This year's event included over 500 riders breaking previous attendance.

Communications took several forms including operators strategically positioned at trouble points along the 5 different rides comprising this year's ride. Operators also were located with several Medical Transport Units and SAG Units who picked up riders with broken down bicycles or who could not complete the course.

A new facet of this year's event was the addition of several motorcycle units all composed of ham radio operators who provided real time information on trailing riders. Controlled tactical nets were used on multiple frequencies each with their own responsibilities. The great weather brought our the record number of riders and only a few minor medical incidents and broken bicycles being the only incidents reported during the entire ride.

Summit County ARES Emergency Coordinator Walt Heeney, N8LJM expressed his deepest appreciation for all the volunteer assistance during this year's ride.

Local volunteers included Dan Anastis - N8DZM, Bruce Brown - KC8RKS, Ralph Bugg - K8HSQ, Carl Cunnert - AB8CC, Mike Engle - KD8FTO, Wade Huthmacher - WD8MIU, Mike Palmer - KD8ENV, Richard Ross - KA8ZQH, Terry Russ - N8ATZ, Rex Simmons - NX8G and Rodger Trompower - KA8FTS.

.. Summer ARES Meeting Recap ..

The summer meeting of the Stark Co ARES was held at the County Emergency Operations Center on Thursday, June 11th with 16 members and guests in attendance.

Richard Webber, Deputy Director of the Stark County EMA was also in attendance who thanked Stark Co ARES for our participation in the April 29th Akron-Canton Airport Disaster Drill and also distributed Certificates of Appreciation to the three volunteers in attendance at the meeting. The remaining Certificates will be mailed to the drill volunteers not in attendance at the meeting.

The remainder of the meeting covered recent ARES news and events including a short recap of the ARES presentation to the Alliance Amateur Radio Club, a reminder that the start of the severe weather season is right around the corner. ARRL Field Day will be the weekend of June 27-28 and is a great opportunity to practice emergency communications preparation.

The remaining time was spent reviewing the upcoming Pro Football Hall of Fame Festival, the largest public service event handled by the Stark Co ARES. Additional volunteers are needed for the Timken Grand Parade on Saturday, August 8th. Contact Parade Communications Coordinator Wade Huthmacher, WD8MIU at (330) 484 - 4496 if you can assist with this important public service event.

.. Hall of Fame Festival Update ..

Plans are well underway as we prepare for this year's Pro Football Hall of Fame Enshrinement Festival and once again Stark County Amateurs are being called upon to provide communications for both the Community Parade and the Timken Grand Parade.

The Community Parade will be on Sunday, August 2nd beginning at 2:30 PM. About 10 volunteers are needed. Communications Coordinator Terry Russ, N8ATZ is currently working on assembling his volunteers. Contact Terry at (330) 837 - 3091 if you would like to participate.

The Timken Grand Parade will be on Saturday, August 8th beginning at 8:00 AM. Wade Huthmacher, WD8MIU is Communications Coordinator for this event and is also working on assembling the many volunteers needed to handle this parade. Wade can be reached at (330) 484 - 4496 or by email at wd8miu1@neo.rr.com.

The Appreciation Party will be on Friday night, July 24th again at the Canton Civic Center. All volunteers are eligible to attend, however you must have a ticket for entry. Communications Coordinators can provide tickets for the Appreciation Party, contact them if you would like to attend the party.

**That's it for this month.
De Terry - N8ATZ**

HAVE A HAPPY AND SAFE 4th OF JULY!



CLUB ACTIVITIES (consession stand) AKRON U FOOTBALL GAMES

At the May Club meeting, we discussed fund raising activities and as suggested and approved we will undertake to provide helpers at the University Of Akron football games. We are ready to move into "stage two". All who raised their hands to indicate they would be willing to help are on the list of participants. We have 18 helpers for 6 home games, so far. There will be a training session for the events sometime in August. Each helper will handle orders, take money and run cash registers. The club will receive 10% of gross sales. This will of course replace the Safety Breaks which will end this year. We are committed for the entire 6 home games which are due to start in September and we could use a few more members in "reserve" in case someone cannot make a session. We could also consider car - pooling for parking purposes and fuel savings. The only other requirement will be khaki pants. Akron U Golf shirts will be provided.



Everyone who raised their hands or others who now would be willing to help, please, As Soon As Possible send Perry W8AU an e -mail at w8au@sssnet.com, giving you're name, telephone number, and e - mail address, or phone 330/832-8612. You can also e - mail me at wc8w@sssnet.com or call 330/837-2927. If this activity proves to be successful, it will become our major fund raiser for the Club.

Here are some details about the fund raiser not mentioned in above text.

1. A "stand" has to have a "team leader" (final tally, report to AU pick up person, etc.).
2. Minimum age 15.
3. Game gates open 90 minutes early. Need to be there 1 hour ahead to set up (4 P.M. latest).
4. Club banner may be displayed
5. Items sold will be mainly food, already prepared by and delivered by AU personnel.
6. We can have non - club members and family included, also.

NO MIDNIGHT SHIFTS !!!

Announcing the "First Annual Greater Stark County Fox Hunt"

Sponsored jointly by the Alliance, Canton, & Massillon ARC's
Date: July 11, 2009
Time: 10 AM - 1 PM

Starting Line: Hog Heaven (2730 Cleveland Ave, NW, Canton) Restaurant: Bagging the fox works up a mighty big appetite. We have a room reserved at Hog Heaven for about 1:30, for lunch, and the swapping up tall tales.

Hunt Boundaries:

North: Everhard Rd.

South: Rt 30

West: Whipple Ave

East: Harmont Ave.

Number of Foxes: There will be two foxes running. You will be given the first frequency at the starting line. You'll have to find the first fox before we give you the frequency for the 2nd fox. Classes: There will be two classes; Doppler, & Non-Doppler.

Awards:

Certificates to the first place winners in both classes.

Each participant receives a ticket for a drawing to be held at Hog Heaven, afterwards. 1st prize will be an offset attenuator kit. 2nd prize will be a copy of "Transmitter Hunting: Radio Direction Finding Simplified" Winner must be present to win

Scoring:

First team to find both foxes is the winner. In the event that no one finds the second fox, then the first team to find fox #1 is the winner. In case of a tie, the lowest mileage (measured at the finish line) will be declared the winner.

Contact person:

John Myers, KD8MQ (kd8mq@arrl.net)

Dale Lamm, NX8J (dalelamm@ieee.org)

Scott McCamish, N3JJT (scottmccamish@hotmail.com)

Mike Palmer, KD8ENV (mike.palmer@xerox.com)

Tom Gill, KC8QOD (gilltm@cannet.com)

If you have any questions, please contact one of the above list people.

TOUR de CURE, MARC SAFETY BREAK , FIELD DAY

TOUR de CURE

At this time the Officer's of MARC would like to thank all members who helped make all these events during the month of June a success. Wade, WD8MIU, reported that the Tour de Cure event was well attended and all volunteers who helped were very professional in their communications and handling of the event, far exceeding even last year. The event went off without a hitch. This event has turned into a "multi" county, certainly a "multi" amateur radio club event with representatives from the Akron club, P-Cars, Alliance, Canton and Massillon Amateur Radio Clubs. All who helped are to be commended. Please read the N8ATZ column on page 3 for complete listing of MARC members who helped with the Tour de Cure.

SAFETY BREAK

MARC members helped with perhaps the very last Safety Break for the club on the weekend of June 19, 20, & 21. Ohio Department of Transportation (ODOT) has announced the starting date of September for the construction of off-ramps at the Dover Rest areas, thus ending a very good fund raiser for many area organizations. Please read about the "replacement" fund raiser on page 4 of this issue of Feedback. As in the past MARC members filled 6 hour shifts starting with the Friday noon - 6:00 PM shift and ending with the Sunday 6:00 PM - midnight shift. Thanks goes to all who manned their shifts and also to those "unseen" helpers who baked the "goodies" that were passed out during the event. Those who helped were: Ralph K8HSQ, Gary WC8W, Dan N8DZM, Steve KD8ACF, Don W8DEF, Terry N8ATZ, Don WD8ROR, Wade WD8MIU, Bruce KC8RKS, Rodger KA8FTS, Mike KD8FTO, Gene W8KXR, Bob K8MGC, Jason KC8LIN, Don KC8RPE, Leonard KC8RPB, Larry, KC8RKU, Perry W8AU, and Buddy N8WSK.

THANKS TO ALL !!!

FIELD DAY

Ahaa - the yearly ritual of Field Day, this year held on the weekend of June 27th & 28. Most members look forward to a weekend of fun, sun & CW all day & night long! There is something for all who attend, weather you are a really new member, a not-so-new member or one of the "old timers". I hope everyone had a good time this weekend. The weather cooperated and the bands "came alive" Complete details will be published in Feedback next month. Thanks to all who helped with set up, manned the radios, cooked dinner, and tear down Thanks Again! (Photos & more on page 8)

ANTENNA "PARTY"

A real funny thing about this activity, calling it a "party". There is nothing about removing antennas and the entire tower a party; it is just plain work! However that is what must be done and all in one day. The base of my 50 foot tower is beginning to rust thus making it a potential risk of falling and doing some real damage. The antennas must be removed and repaired so they can be installed on a new tower. Which will be a crank up, tilt over so I can work on it myself when the occasion arises. I will need a couple of people to be the "ground crew". I am renting a JLG (bucket) lift to reach the top of the tower without having to climb the "damaged" tower. The new tower hopefully will be ordered real soon so it will be finished before the snow fly's! Interested in helping? Then let me know before the 11th of July so I can have refreshments available. Starting times (hopefully & weather dependent) will be around 9:00 AM on the 11th.

Speaking of doing antenna work, the club's antennas has gone un-repaired for some time now. I know everyone has been really busy this summer and I am no exception. I really hope that the officer's will come up real soon with a crew to do the necessary repairs to the antennas. If nothing can be done, it has been suggested that we replace the beam antenna with a really good vertical antenna. In my estimation, a good vertical antenna will work the 10, 15, 20, 40, and maybe even the 80 meter bands. That way it would be very low maintenance and should last us for years without any trouble at all. For all the operating being done at the club station, this seems like a **very** good idea. If and when we need to use the station, a vertical antenna will more than do the job. The whole job can be done in a relativity short time as the new antenna will be pre-assembled. The 2 meter antenna (presently installed on top of the beam antenna) will have to be side mounted to the tower. The dipole antenna mount will not change. The dipole is used for the rest of the bands; ie, 12, 17, 40 & 80 meter bands and when working, it works very well. It is configured as a long wire antenna; L shaped to conform to a limited space. All in all when working the present antenna system works well, but the problem with the rotator will not hold the antenna in one position and "over-runs" the stop which twists the coax completely off!

All of the suggested antenna work & replacement will cost the club a minimum amount of funds. The only cost should be for the new vertical antenna and perhaps new coax to replace the damaged coax now installed. Whatever is decided, it should be taken seriously and should be acted upon very soon so that all the work can be done this year. The last time the station was used was for the Special Event for the MAPS museum which went off almost without any problems. The problems soon developed afterwards with problems to the antennas and to the OLD Ten Tec radio the club has owned for a VERY long time (30+ years)!!! What do you think? Let you're officer's know! Attend the meetings!

73's de WC8W MARC Feedback Editor!

Ohio Section Manager Joe Phillips, K8QOE (SK)

ZCZC AX08
QST de W1AW
Special Bulletin 8 ARLX008
From ARRL Headquarters
Newington CT June 23, 2009
To all radio amateurs



Joe Phillips, K8QOE, who served as ARRL Ohio Section Manager since 1998, passed away suddenly at his home on Saturday, June 20. He was 68.

Licensed in 1959 as KN9SYL, Phillips first joined the ARRL Field Organization as an Official Emergency Station (OES) in 1986. He became a Public Information Officer in 1989 and has served as an Official Observer (OO) since 1997. He was elected Ohio Section Manager in 1998.

A graduate of Youngstown University, Phillips had a career as a journalist and a teacher. He edited six separate ham radio newsletters in Cincinnati before becoming Newsletter Editor for the Ohio Area Repeater Council in 1984, a position he held for five years.

In 1986, Phillips organized the first Ohio Repeater Directory and in 1992, organized the Ohio Section Ham Radio Newsletter Contest.

He authored a weekly ham radio newspaper column in the Sunday edition of the Cincinnati Enquirer called "Ham Call" and hosted a similarly named program for cable television in the Cincinnati area.

In 1994, Phillips was elected to the Greater Cincinnati Amateur Radio Hall of Fame, and in 1995, he was the recipient of the ARRL's McGan Silver Antenna Award. This award is given annually to a League member who demonstrates outstanding public relations success on behalf Amateur Radio at the local, state or national level.

Phillips was excited about having his photo on the cover of the May 2009 issue of QST featuring the annual Dayton Hamvention. "Throughout a 40-year friendship, Joe and I worked closely together on many occasions," said ARRL Great Lakes Division Director Jim Weaver, K8JE. "From his early days of supporting the county ARES/RACES unit and the Ohio Repeater Council, Joe has always provided energetic and effective leadership with a friendly, personal touch. The magnetism of his style of leadership drew the best from others who soon became solid friends, not mere associates."

ARRL Membership and Volunteer Programs Manager Dave Patton, NN1N, remembered Phillips fondly: "If you have been to Dayton you have met and laughed with Joe. He was the master of the Wouff Hong ceremony. His red jacket is the stuff of legend in Ohio. Joe was more than a Section Manager — he really gave all of himself to ARRL for 20-plus years. With him dies the last paper newsletter sent to section membership. When I answered his phone calls, he announced his call with 'Here's your Ohio Nightmare.' He loved baseball, maybe more than I did. He was a good man, and he is really going to be missed."

NNNN
/EX

ARRL NEWS: PROPAGATION

(Ed note: I usually do not print propagation news because it changes daily however news of sun spots, ANY sun spots lately is big news -- for everyone !)

Subject: ARLP026 Propagation de K7RA

Date: Friday, June 26, 2009 3:57 PM

ZCZC AP26

QST de W1AW

Propagation Forecast Bulletin 26 ARLP026

From Tad Cook, K7RA

Seattle, WA June 26, 2009

To all radio amateurs

SB PROP ARL ARLP026 ARLP026 Propagation de K7RA

Thanks to Carl Luetzelschwab, K9LA for writing last week's Propagation Forecast bulletin.

Two new sunspots appeared last week, numbered 1022 and 1023, and both were Cycle 24 spots. 1022 lasted through June 23 and 1023 until June 24. On June 24 geomagnetic indices were unsettled.

This weekend is ARRL Field Day, and conditions should be stable. Planetary A index is predicted to be around five, which is quiet.

Chip Margelli, K7JA wrote about some surprising openings last week. He writes, "Sunspots or no, there are DX opportunities even with a solar flux of 67. Both Friday and Saturday nights (U.S. time June 19-20), the 21 MHz and 28 MHz bands were open to Japan from my location in southern California, and along much of the West Coast, around 0500-0800 UTC (that's 10 PM to at least 1 AM!). Both nights, the 15-meter CW band was crawling with loud JA signals from stations working the All Asian DX Contest, and there were many loud signals on 10 meters, as well. I fear many did not think to check ten at this hour, but it very much was open."

He continues, "And Saturday night I worked 54 JA stations in a nice run on 50 MHz, so perhaps those noctilucent clouds were being kind to me."

Steve Brandt, N7VS of Portland, Oregon had a similar observation. On 10 meters CW last Friday night (at 0336z Saturday) Steve worked JK1YMM in the All Asia CW Contest with S7 reports in both directions. Steve also observed sporadic-E openings this week out to about 1,000 miles, and said other stations have reported working

Japan on 10 meters this week.

In last week's bulletin, Carl mentioned the upcoming DXpedition to Glorioso in July. Now he has written a set of predictions for propagation to Glorioso from various areas, and you can see it at <http://mysite.verizon.net/k9la/id11.html>. Just click on the "Glorioso in July 2009" link.

I received some interesting mail from Red Haines, WO0W of La Crescent, Minnesota. I did a search for past emails from him, and came across an unread mail from December, 2007. Just to review and clarify, an ionosonde is a tool for measuring the critical frequency (f0F2) for the area just above. It sweeps an RF signal, beaming straight up, and looks for reflections.

Some quotes from Red occupy the next few paragraphs.

"Though we use the sunspot number and the solar flux index to assess propagation expectations, there is only an indirect connection between these indices and propagation. Neither sunspots nor the radiation measured by the solar flux index directly increase or decrease the levels of ionization in the ionosphere. All three are determined, somewhat independently, by physical processes on or in the Sun.

"Sunspots and the solar flux are caused by solar conditions that are often associated to a limited degree with high energy radiation that reaches Earth and ionizes molecules in the atmosphere. Only the energetic radiation (UV, X-ray, and Gamma rays) from the Sun or other sources ionize those molecules. The solar flux radiation is not energetic enough. The sunspots are only a visual phenomena associated with solar events, including radiation. It often happens that no solar radiation associated with a sunspot reaches Earth.

"In past years, we didn't have any better predictors of propagation than the sunspot number and the solar flux index. They remain useful, but we must recognize their limitations. In fact, propagation correlates very poorly with them. Smoothed sunspot numbers are useful to study the solar activity cycle. Smoothed sunspot number doesn't predict the next day's propagation or even the next cycle's timing or magnitude. In fact, the smoothed SSN cannot be calculated until 6 months have passed. The daily SSN is just about meaningless to propagation.

"Today, we have better indicators of propagation potential. Hams may view near real time measures of X-ray radiation from the GOES satellites. See <http://www.swpc.noaa.gov/today.html>.

"The various propagation beacons are very useful to assess current propagation.

(Thanks to ARRL Propagation Forecast news dated June 26, 2009)

MARC FIELD DAY PICTURE PAGE



Igor works intently on the assembly of the phone station antenna rotator as he gets "help" from Tom WD8MBE, Jim, WA8GXM & Terry N8ATZ.



Now it's Jim's turn to finish the installation of the 3 element beam antenna for the phone station on the E-Com



Aha yes, the yearly task of cranking the 'ole telescoping mast for the both phone station and the CW station. This time it's Sarah KC8ZCS doing the physical workout while Carl (Mr. VP) AB8CC, has the "hard" job of handing Jim, WA8GXM the next section of tower.



Oh Oh! Murphy was with us on this Field Day. Just after getting going on Field Day, the generator quits running. Carl, Don Igor, Terry & Jim (behind the generator, on the ground) work to get it going. Finally figuring out the trouble the generator was up & running & purring along like a kitten in no time.

The weather cooperated this year as Saturday was nearly a picture perfect day. Sunday the clouds rolled in and brought a mix of sun (and I hope no rain). At this writing Field Day is still going on. The deadline for Feedback is on the Sunday during Field Day & I had to finish so it can be E-Mailed out to all members on this day. I hope everyone had a chance to make it out to Field Day as it is one of the biggest events of the year. Full details & final scores will be announced at the August meeting.

July 2009

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																												
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p style="text-align: center; margin: 0;">Jun 2009</p> <table style="width: 100%; border-collapse: collapse; font-size: small;"> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p style="text-align: center; margin: 0;">Aug 2009</p> <table style="width: 100%; border-collapse: collapse; font-size: small;"> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr> </table> </div> </div>			S	M	T	W	T	F	S		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						1	<p style="text-align: center; color: #800080; font-size: 24px;">2</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="text-align: center; color: #800080; font-size: 24px;">3</p> <p>Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000</p>	4	<p style="text-align: center; font-weight: bold;">Independence Day</p>
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<p>Massillon Radio Net - 3599.5, 1930</p> <p>North Hills ARC Hamfest., Ctc: Cathy, 412-486-22785, Pittsburgh, PA</p>	<p>BD WC8W</p>	<p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>		<p>Massillon Radio Net - 3599.5, 1930</p>		<p>NOARSFEST - Northern Ohio ARS Hamfest, Lorain Co. Fairgrounds, Ctc: John 216-696-5709</p>																																																																																												
19	20	21	22	23	24	25																																																																																												
<p>BD KC8VHL</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Van Wert Hamfest, www.w8fy.org</p>		<p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>		<p>BD K8DON</p> <p>Massillon Radio Net - 3599.5, 1930</p>																																																																																														
26	27	28	29	30	31	<p>Upcoming Events: Aug 1 - HOF Community Parade Aug 1 - Columbus Hamfest Aug 8 - HOF Grand Parade Aug 16 - Warren Hamfest Aug 23 - Cambridge Hamfest</p>																																																																																												
<p>Massillon Radio Net - 3599.5, 1930</p> <p>Portage Amateur Radio Club Hamfair, Portage Co. Fairgrounds, Randolph, OH, Ctc: Joanne, 330-274-8240</p>		<p>BD K8ARN</p> <p>BD KF8UN</p> <p>BD WD8IKC</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>		<p>Massillon Radio Net - 3599.5, 1930</p>																																																																																														