



TMRA Amateur Radio Beacon

March 2022



The Prez sez:

TMRA has cancelled their plans to hold the Toledo Hamfest or a trunk sale this year. As we shared last month, due to Covid concerns, we are not having a Hamfest this year. Our enclosed environment and large crowd could become what is referred to as a “Super Spreader.” Most of our generation of hams are in the age bracket that is considered dangerous regardless of if we are vaccinated or not. The news media was told by a local hospital that there are many respirators now available to those who may become hospitalized with the virus. When asked where the extra respirators have come from the hospital commented, “People have died”.

Field Day is 4 months away. Time to start getting ready for the event. I am looking forward to this as it will be an outdoor event.

We are in the process of forming an Antenna Committee to work towards setup and operation of the Field Day antennas. Help is needed. This is a good learning opportunity. Our objective here will be to repair and introduce antennas we would plan to use for “voluntary noncommercial communication service, particularly with respect to providing emergency communications.” (FCC Part 97)

73,

Steve/W8TER

TMRA General Meeting for February 09, 2022
Meeting starting at 7:00 PM

All stand for The Pledge Of Allegiance

Welcome to all members (and guests) of TMRA and Amateur Radio

Motion was made: To not go thru the Minutes of the last meeting. Motion passed.

Reading of Finances: Motion to accept as read. Motion made and seconded by Jodi K8FKH . Motion passed.

Committee Reports:

Announcement: Toledo Hamfest has been Canceled. The cancellation is due to the COVID Virus pandemic, a lack of vendors, volunteers, food services and others. But, the hall has been reserved and the reservation has been carried over for next year. Tickets have been printed and can be used next year. So, there is no loss in monies as of yet.

Vice President (Glen W8MUK) Did not make it to the meeting. So no report.
Tech Committee (Dan KE8UE) Did not make it to the meeting. So no report.

6 Meter (FM) Repeater Report: the new control board has been installed and is now operational.

Two (used) Motorola Repeaters have been purchased for emergency back up on 6 Meters.

ARES Report: If emergency signal is activated, ARES has a close working relationship with Emergency Management and the local hospitals.

RADIOS AND STUFF for sale: Trunk Shop to have radios and great electronic equipment for sale. Who, what ,where and why: Sponsored by ARES.

When: May 01, 2022,

Where: Toledo (Toledo, Toledo) Speedway Toledo, Ohio.

Why: Radios and electronics is

FUN. Why Not!

Technical License Training Class: Class scheduled for:

Part 1 of 2: April 2, 2022 8AM-5PM

Part 2 of 2: April 16, 2022 8AM-5PM

Lucas County EMS Training Center

2127 Jefferson St.

Toledo, Ohio 43624

Contact: Steve Stalker KC8TVW for more information.

Ph. 419.467.3734

Motion to Adjourn: Motion carried and meeting Adjourned at 8:30 PM

Bill KE8OTF

LCARES Swap and Trunk Event

Lucas County Amateur Radio Emergency Service (L.C.A.R.E.S.) is holding a Trunk Sale and Swap Meet which is being held on May 1st, 2022.

The location is Toledo Speedway 5639 Benore Rd.Toledo, OH 43601.

The Website is <http://tinyurl.com/lcaresswap>

It is an ARRL Hamfest

Talk-In: [146.61/R](#) pl [103.5](#)

Contact: Michael Lacumsky , W8MAL

11638 W Bloom Rd Oak Harbor, OH 43449

Phone: 567-318-2291

Email: lucascntyares@gmail.com

Proposed changes in TMRA Bylaws

SECTION II. MEMBERSHIP.

1. The membership of the Toledo Mobile Radio Association, Inc., hereinafter referred to as the Association, consists of those persons who are received into membership and continue in good standing. i.e., a person or organization in good standing is regarded as having complied with all their explicit obligations, while not being subject to any form of sanction, suspension or disciplinary censure." Any amateur radio operator or individuals interested in amateur radio shall be eligible for membership. The membership year is the year July 1st - June 30th. Active members in good standing will receive a membership card, if requested, provided by the Association.

SECTION VI. OFFICERS.

2. The President shall preside at all **General** meetings of the Association and shall be present at the Executive Committee Meetings.

e. If the President is unable or unwilling to complete his term of office, s/he shall be replaced by the Vice-President according to the provisions of Section VI, Paragraph 3e.

3. The Vice-President:

a. In the absence of the President at any regularly scheduled **General** meeting of the Association or Executive Committee, the Vice-President shall perform the **President's** duties, and in the absence of both the President and Vice-President, such officer as may be present shall preside and assume the duties of the President.

e. In the event the President is unable or unwilling to complete his term of office, the Vice-President will immediately become President subject to the following:

(i) The Executive Committee shall serve as a Nominating Committee and call for an election of a new Vice-President at a regularly scheduled general meeting of the Association within sixty (60) days of the vacancy.

Renumber the following paragraphs

4. The Secretary

e Shall be a member, ex officio, of the Budget Committee, having an equal vote.

5. The Treasurer.

j. Shall have been a full member of the Association in good standing for a period of not less than one (1) year, **preferably for at least three (3) prior to the date of election to the office.**

6. The Bursar

7. **Except as stipulated in Items VI, 2e and VI, 3e and 3e(i) above, if a vacancy occurs in an elected office, the Executive Committee shall appoint a full member of the Association, with his/her agreement, to fill the remainder of that Officer's term.**

a. **If no full member of the Association who meets all the qualifications of office is willing to serve, then the Executive Committee, using its best judgement, may choose any full member willing to serve.**

b. **Any officer chosen under the provisions of this paragraph shall be titled as "Acting" (eg.: Acting Secretary).**

SECTION IX. NOMINATION AND ELECTION.

3. To qualify for nomination for any office in the Association requires:

- b. The person shall be a member in good standing for a period of not less than one (1) year prior to nomination except as noted in SECTION VI, **5j and 6i** in these By-laws.

TMRA MEMBERSHIP

If you are not already a member of TMRA, March is the month when you can renew until June 30th, 2023 for just \$25. Many hams take advantage of this opportunity. The best way to renew is using this link to charge your membership through Paypal, even if it just a single charge with a credit card:

www.tmrahamradio.org/store

TMRA Bus Trip

Again this year, TMRA will be sponsoring a round trip bus to the Dayton Hamvention on May 21, 2022. Cost for the trip will be \$40 per person with payment due in advance of the trip. The bus will leave from the Scott Park Campus of the University of Toledo at 05:30 sharp.

If you wish to make a reservation, please contact Dave WA2DHG at the TMRA monthly meetings or by email at buses12@accesstoledo.com. Non TMRA members are also welcome.

From Dave KD8TVN



ARES News
From Tim, KD8IZU
boxcar@toast.net.

Please always keep in touch through ARES in Brief Net on Sunday Nights at 7:30 or the ARES IO Group. The ARES and Brief Net no longer meets on the 147.270 repeater. They have moved to the 146.940 repeater on Sundays at 7:30 p.m.

the Northwest Ohio Traffic net meets every evening at 6:30 p.m. on the 147.375 repeater with the exception of the 15th they test out their alternative repeater 146.610.

If you have questions, you can contact Tim KD8IZU

Please use the repeaters as much as possible.

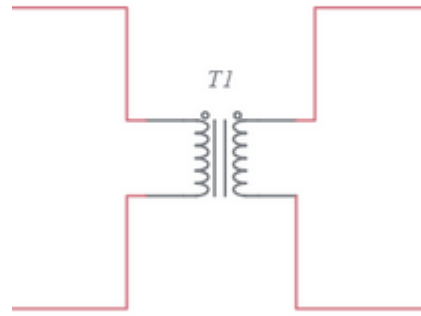
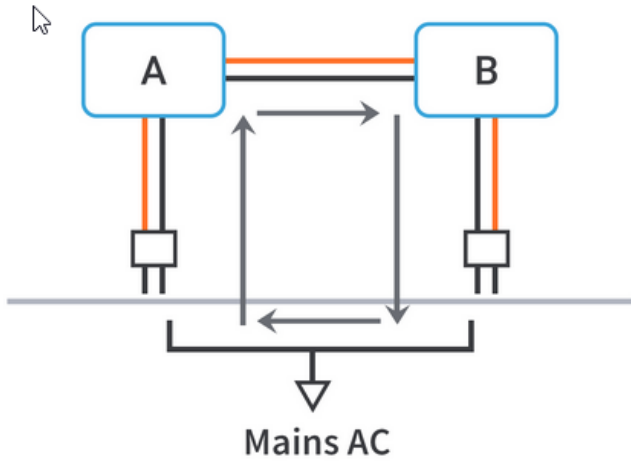
The ARES monthly meeting is the 4th Saturday of each month.

KD8IZU has issue a fund raising challenge, "Donate your spare change to LCARES". Contact Tim KD8IZU for details.

Ground Loop Isolators

Bruce AA8HS, editor

A ground loop is basically what happens when two separate devices (A and B) are connected to ground through different paths and then also connected to each other by another path, creating a loop. If you connect an earphone jack from an HF radio to a computer's microphone or line input with a cable, both ground connectors go to earth ground, but they get there through different paths. Now you have also connected them through the ground lead on a cable. This leads to either hum or audio distortion. There are other situations where there is a voltage difference between grounds for a variety of reasons and result in hum or other audio distortion.



audio transformer

So, if you do have annoying hum or distortion when connecting the audio of different devices, you have a couple of choices. Ground loop isolators contain small audio transformers, typically 600 ohm at 1000 Hz. The first two pictures below show ground loop isolators where all leads are separate on both sides of the transformers. Therefore, the ground leads are isolated and there is no possibility of a loop. Since the last one pictured uses 1/8 inch connectors for stereo, the ground leads for the left and right channels are connected on either side but not connected together. The low level audio passes through the small transformers. As you see, ground loop isolators are usually stereo and cost between ten and twenty dollars.





I looked at the situation when there is a cable between the earphone jack and a computer amplifier/speaker that has its own switching supply. I tried to determine if there was a direct connection between either terminal of the power supply and the ground or hot lead on the amplifier (using a meter) and there was none. I tried this with two different computer amplifier/speakers. This is probably because a DC blocking capacitor is present in both the hot lead and ground lead of the computer amplifier/speaker.

So either approach, an isolator or a cheap computer amplifier/ speaker, may improve your audio if you have hum. I had a strange experience when I used one side (the black leads) of a ground loop isolator (the top one) between a radio and a computer. I was recording audio from the radio doing this. Then I used the other side of the isolator (the red leads) between the headphone output of the same computer and an amplifier that I had built. So, one side of the isolator (from the computer output) passed a tiny amount of audio to the input, transformer to transformer. There was no feedback because of delays within the PC. But this arrangement produced a steady train of weak echoes of the audio from the radio. So I just bought another, separate ground loop isolator!

Ham Radio Humor



When the new radio is on sale but you need a new dryer...



READING THE FEATURES

READING THE PRICE TAG



**M y
c o f f e e**



**When I miss a
rare DX contact.**

Dale's Tales

Dale's Tales for March

Greetings, welcome to "Dale's Tales" for March, 2022.

Part 97.1(e) of the FCC Rules states that part of the Basis and Purpose of Amateur Radio is "...Continuation and extension of the amateur's unique ability to enhance international goodwill." Recently, this has been difficult for many of us as we watch recent world events unfold. The friends and family of many of us find themselves involved in a conflict that is endangering many and costing lives. It is difficult to sit here and think about the above rule while this situation continues.

Yet, I must remind myself that as a ham operator, I am obligated to adhere to these time-honored rules and not draw harsh conclusions or demean either side of the conflict. As s very difficult as may be, we simply must place ourselves outside of these hostilities while we are operating as hams and remember to offer what we can to promote international good will.

The Ukrainian Amateur Radio League (UARL) web page was still operating at the writing, <http://www.uarl.org.ua> . It is posted in Ukranian. We at ARRL would expect any official Amateur Radio related information to come from the UARL to the International Amateur Radio Union (IARU) and then to ARRL. With Amateur Radio in Ukraine temporarily shut down by their government, I would not anticipate any immediate requests for our involvement.

Hamvention 2022 News directly from the Dayton Amateur Radio Assn.:

Many Hamvention volunteers attended the recent Hamcation weekend in Orlando, FL. It was heartening to see so many of our friends at the show! The aisles were full of people, the vendors were pleased with the brisk business, and the Hamvention booth was bombarded with well-wishers and folks with one question on their mind: "Are you going to have Hamvention this year?"

It was a pleasure to assure one and all that Hamvention 2022 is a go. "Absolutely, we will be having Hamvention" echoed from our booth all weekend. We sold a bunch of tickets to Hamvention at the pre-show price, also available right now on the Hamvention.org website.

More recently, Michael Kalter W8CI and I were interviewed on a DX Engineering YouTube (<https://youtu.be/vTDZqVgPLgE>) to unveil the official logo for Hamvention 2022. This year's theme is Reunion - to celebrate getting a world of hams together after missing two Hamventions and to commemorate the history of the Dayton Hamvention stretching back to 1952.

The Logo represents amateur radio operators from around the globe getting together at Hamvention for a Grand Reunion.

So, if anyone in your club asks, or if the subject comes up on air, please let everyone know that 11 weeks from now, WE WILL HAVE HAMVENTION!

Vy 73 de WS8G
Rick Allnutt
General Chair Hamvention 2022

Hamvention, an official ARRL Sanctioned Event, will be held Friday-Sunday, May 20-22 at the Greene County Fairgrounds and Expo Center in Xenia, OH.

Just a reminder, while you are sitting here, take a look at your Personal ARRL Page and see if it needs an

update. You will find everything accessible if you click on "Edit your profile" in the blue field at the top of the ARRL Web page. Here you will be able to verify that all of our contact information is still correct, check the Groups to which you belong, actually edit your profile, make sure you are subscribed to all of the electronic publications you wish to receive (like this newsletter, which is listed at "News and Information from your Division Director...") and you can add feeds to your page to keep you up to date with bulletins and announcements. I must also note it is surprising how many e-mail addresses have changed over the years: we all should ensure that the one listed is correct.

SCOTT'S STUFF: Comments from your ARRL Vice Director Scott, N8SY.

Wow, we sure had some wild and wooly weather for February! Today is March 1st, Fat Tuesday (Mardi Gras). It is also the meteorological 1st day of spring! Yes, I know that March 20th is the actual spring equinox, but what the heck, we can have some fun with this, can't we?

March 1st is also National Peanut Butter Lover's Day as well. March 13th is when we "Spring Forward" an hour as Daylight Saving Time takes effect and don't forget March 17th, Saint Patrick's Day! Yes, a day that I will have a green beer or two... After all I am 4 percent Irish! Rounding out the month, on March 31st we will celebrate National Clams on the Half Shell Day and National Tater Day!

Hamfests are on their way back! There is a bunch of them already scheduled in the Great Lakes Division. Dale has the complete list compiled and listed below.

OK, shifting gears... March 5th through 6th is the International DX-Phone contest. The Novice Rig Roundup is coming up this month as well, it starts March 5th through March 13th. There are a bunch more contests in March, too many to post all of them here, but if you are interested in just having some fun, here is a link to a schedule of all the contests for the month of March <https://www.contestcalendar.com/fivewkcal.html>

Now, for you really big contesters / DXpedition hounds, Crozet Island DXpedition Preparations are moving forward. The upcoming solo Crozet Island DXpedition spearheaded by Thierry Mazel, F6CUK, will likely arrive on the island around Christmas. While traveling aboard the Marion Dufresne, Mazel will make stopovers at other remote islands that are also rare DXCC entities, including Tromelin Island. The Crozet and Tromelin islands are administered as part of the French Southern and Antarctic Lands (abbreviated in French as TAAF).

Shifting gears once again... I'm sure by now many of you are wondering just what's going on with the newest committee formed by the ARRL Board, the EmComm Field Services Committee (ECFSC) for short. Well, as Dale announced last month both he and I are on that committee, Dale is the chairman, and I can tell you for a fact that we are moving things forward. In fact, the committee recently went through a grocery list of items that our committee has committed itself to get done to improve your experience with ARRL and to help those in leadership positions to be better trained and equipped.

Ok, shifting up to sixth gear and starting down the back stretch... Hey clubs, have you heard, there is a new ARRL Foundation Club Grants program, funded by a grant from Amateur Radio Digital Communications (ARDC), will make \$500,000 available to radio clubs. The program will provide up to \$25,000 for worthy club projects. Requests for more than that will be referred back to ARDC. The new Club Grants program will help clubs more easily provide and expand their important services.

Beginning in April, amateur radio clubs will be able to apply for these grants by filling out a simple form on the ARRL website. The ARRL Foundation will evaluate the grant proposals. The Foundation was established in 1973 to advance the art, science, and societal benefits of the amateur radio service by awarding financial grants

and scholarships to individuals and organizations in support of their charitable, educational, and scientific efforts.

That is going to do it from here this month. Stay safe and “Catch Me On The Air or at a hamfest”!!!

73,

Scott Yonally N8SY, Vice Director, Great Lakes Division

HAMFESTING:

Here is the current listing of Great Lakes Division ARRL Sanctioned hamfests through May 2022. Please note that all are subject to change, so please stay current by checking the sponsoring club's web page before making your travel arrangements.

Be sure to invite your ARRL Officials as soon as your date is set.

Please feel free to reproduce and publish in your local Club Newsletter with credit to the source.

ARRL Sanctioned Hamfests through June 2022:

03/05/22 - Cave City, Cave City, KY

03/12/22 - MOVARC Hamfest, Bidewll, OH

03/13/22 - NOARS Winter Hamfest, Elyria, OH

03/19/22 - Crossroads, Kalamazoo, MI

03/20/22 - CANCELED, Toledo Mobile Radio Assn Swap, CANCELED, Perrysburg, OH

04/09/22 - Cuyahoga Falls, Cuyahoga Falls, OH

04/24/22 - Athens Hamfest, Athens, OH

04/24 to 04/29/22 - RV Radio Network Spring Rally, Millersburg, OH

05/01/22 - Lucas County Trunk Swap, Toledo, OH

05/07/22 - Cadillac Hamfest, Cadillac, MI

05/20 to 05/22/22 - Dayton Hamvention, Xenia, OH

05/21/22 - GM ARC Trunk Swap, Shelby Twp., MI

06/04/22 - Fulton County Swap, Wauseon, OH

06/04/22 - IRA Hamfest, Hudsonville, MI

06/05/22 - Chelsea Hamfest, Chelsea, MI

06/05/22 - Flying Beers, Ferndale, MI

06/11/22 - Luce County Yooper Hamfest, Newberry, MI

06/18/22 - GM ARC Trunk Swap. Shelby Twp., MI

06/19/22 - Monroe Hamfest, Monroe, MI

If your club plans to request ARRL Hamfest Sanctioning, they should do so well in advance of the planned Hamfest date, as this allows adequate time for QST Listings. QST announcements require a 3 month lead time.

If your swap is cancelled or the date is going to change, please notify ARRL HQ.

For the latest detail on regional hamfests, check the ARRL web page at:

<http://www.arrl.org/hamfests-and-conventions-calendar>

73,

Dale Williams WA8EFK

Director

Great Lakes Division

wa8efk@arrl.org

Did you know?

- The **Lucas County ARES Informational Net** is every Sunday at 7:30 pm on 147.270 or 442.85 Mhz repeaters.
- The **TMRA Net** meets on the air every Sunday at 8 pm on 147.27 or 442.85 Mhz repeaters.
- The **FLDigi Net** meets every Tuesday night at 7:30 PM at 147.27 MHz
- **Six Meter Nets** meet every Wednesday and Thursday at 9:00 PM (EST). The Thursday night Net is on 50.255 USB. For more information contact Dan, KE8UE, at dlcunn@sbcglobal.net. The Monday night 6 meter Net is at 9 PM on the TMRA 6 meter repeater.
- The **Lucas County Siren Net** is the first Friday of each month from 10:30 to 11:30 AM on 147.270 + W/103.5 PL and 442.850 + W/103.5 PL.
- The **NORC Net** is the first Saturday of each month. This net typically meets at 11:00 AM on or around +/- 7.200 MHz LSB.
- **Ron, N8RLH**, has ham gear from the estates of silent keys. Contact: 419-345-6382 or rlhornbeck@att.net.
- The **TMRA apparel store** is now open. Contact Gold Medal Ideas at <http://www.goldmedalideas.com/tmra>.
- The calendar at the **TMRA website**, www.tmrahamradio.org, lists numerous ham radio activities each month.
- TMRA has a **Facebook** page and an **Instagram** page, which can be accessed from an icon on the TMRA website or at <https://www.instagram.com/tmrahamradio/>.
- Don't forget to select TMRA as your Organization of choice for **Kroger Cares** and **Amazon Smile**. This results in a donation to the club as a portion of your purchase. Instead of typing in the URL www.amazon.com, you must use smile.amazon.com.
- There is a 900 Mhz net Saturday nights at 9 pm on the TMRA 900 Mhz repeater.
- There is a simplex two meter net on 144.22 Mhz USB Friday nights at 8 pm.

You may contact the Editor of *The Beacon* by emailing to: **bhammond111@hotmail.com** or writing to:

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