

The Hertzian Herald



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Off The Kuf:

As of this writing, June has come & gone, and July is well under way (OK – half over if you are a half empty kind of person). As predicted in last month's article June was a flurry of activity, and July certainly kicked off with a bang. I'm happy to say that all went pretty darned well.



Thanks to everyone who was able to come out and support setup, operation, and tear-down efforts for the Monroe Hamfest. It was great to see so many of you there to help. We had rainy weather for the swap, and that of course affected turnout of both trunk sales and of swappers. All said, the event was still reasonably enjoyable, and many great comments were received from attendees (I did NOT hear many negative comments in spite of the prevailing soggyiness). Please join me in thanking (and congratulating) Fred K8EBI AND Brenda KB8KQC for their significant efforts through the year in preparation for the event, and thanks also to those who were able to give up some personal time to help out with the event weekend efforts.

Those in attendance at the June meeting got to see a few videos related to Field Day Operations in recent and not so recent past. It was very interesting to see FD efforts from the 50s with large antenna arrays, humongous canvass tents being erected, a trailer mounted portable generator being crank started, and some operating positions staffed in the back seat of someone's car.

On Field Day weekend, the weather in Temperance was almost perfect for Field Day. Temperatures were comfortable and mosquitoes must have been busy elsewhere even though there was still standing water on the grounds as a result of the rain intensive May and early June season. We had a good crew there first thing Saturday, antennas went up nicely, the tents were erected, and operation began promptly at 2:00pm EDT. Efforts this year included a CW station, a phone station, and a GOTA station. BIG thanks to those operators who were able to be there to support the operation overnight. Scores are still being compiled as of this writing, but all indications are that the effort was reasonably successful. The family banquet on Saturday evening was well attended. Food was plentiful (AND delicious) – and for the first time in recent years the FD Chef remembered to get the charcoal lit in time to support having stuff cooked reasonably close to the advertised start time for the meal. (THANKS to all those who supported the "remind the chef 2019" campaign)

The fourth of July parade in Dundee came off well. The weather for that event also could not have been much better (although a bit hot). Skies were clear, and the heat of the sun glaring down on a tarmac parking lot was tempered by the occasional breeze. Again there was a good turnout of volunteers who supported a great team effort during parade lineup and step-off. THANKS to all.

(Continued page 3)

Club Officers

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MCRCA Minutes:

June 20, 2019

Meeting called to order at 7:30 pm, by Mike Karmol N8KUF.

Pledge of Allegiance

Introductions: No new members, upgrades and 4 guests.

PROGRAM: Video – Field Day

DOOR PRIZE DRAWING: Sandy KE8CQW

50/50: Sandy KE8CQW returned half the money for scholarship

MINUTES: Motion by Dale WA8EFK, supported by Bob AC8DZ, to approve as written in the Herald. Approved.

TREASURER REPORT: N/A

HAMFEST: Attendance down this year because of weather/rain, but all in all not bad, many happy folks.

DX REPORT: It's out there, at least a Tuvalu T2R one coming up or on now. Watch 6m most will have it. 10m likely open as well, 6m is going to be it for next few weeks at least.

FUTURE PROGRAMS: See webpage calendar for listings – many good ones up coming. Be here!

FOXHUNT: Saturday, July 13th. Hope for a good turn out – a lot of new equipment to test out, Sept. 14 will be the last hunt this year. Please be at the EOC at 8:30 am EST for briefing.

TESTING: Next session - Sat. August 17, 2019. 6 people tested – two new Generals out of it – one was a reinstatement of expired license.

MENTOR MOMENT: 2m band, does it "open"? Yes, it does, temperature is one factor – say over water. Line of sight over water. If 6m is open, odds are 2m will be open too. Ducting.

ARPSC: Members helped with testing of the County alert system.

ARRL: The 3rd week in July will be the board meeting, discussing concerns about the National Traffic System.

RRRA: 18-month update receive sites – 5 are up now but Ida's 2m site has damage, working but not right. Tower work coming up to fix 2m site. 2m site degraded.

OLD BUSINESS: Field Day – expect wet conditions. Setup starts 9 am Saturday, operation starts 2 pm Saturday thru 2 pm Sunday. Saturday 6 pm Pot luck dinner - family included, bring a dish to pass. Rain is likely – think about what to wear and what to bring. Sunday lunch at Noon – leftovers or whatever.

NEW BUSINESS: Scholarship – Aaron Jones - Airport High School. Came to meeting and spoke about his future plans.

ANOUNCEMENTS: Fox Hunt #2 July 13th. Hunt #3 will be Sept. 14th.

ADJOURNED: 8:30 pm

ATTENDANCE: 19

KC8SKP Wes
W8SMB Scott
N8NYP Terry
KE8CQW Sandy
Abby Burkey

KC8VJV David
KE8KNZ Tom
W8PI Paul
W8GPR Gary
Isaac Burkey

KD8ZUI Robert
KG8P Tom
WA8EFK Dale
W8BKT Brian
Aaron Jones

KE8DDM Dalton
N8KUF Mike
AC8DZ Bob
KB8OSU George Low

Committees

Classes

Club Station

Wes Busdiecker KC8SKP

DX Net

Field Day

Jeff Breitner KA8NCR

Finance

Paul Trouten W8PI (chair)
Fred VanDaele KA8EBI
Dale Williams WA8EFK

HamFest

Fred VanDaele KA8EBI

Hertzian Herald

Fred VanDaele KA8EBI

Historian

Paul W8PI

Public Relations

Jeff Breitner KA8NCR

Scholarship

Fred VanDaele KA8EBI

School Liaison

open

Programs

open

Membership

Terry Kolton N8NYP
n8nyp@arrl.net

Planning

open

Property Custodian

open

While writing this article we are preparing to kick off Foxhunt #2 for the season. I hope that you were able to join us for that event, and that your hunt was successful. That Fox, after all, CAN be a very sneaky critter. I also hope that those who participated in earlier tape measure yagi and active attenuator construction sessions were able to take advantage of their newly acquired/assembled equipment and were able to enjoy the thrill of making use of gear that was created with their own talents – what a thrill that can be!!!

Coming up at July's MCRCA meeting we will be viewing a video related to powering a ham radio operation. The video discusses technical, and practical, limitations and how to deal with those in order to properly power your station (whether mobile or stationary). In future meetings we will be presenting information related to proper grounding techniques for equipment and personal protection, as well as information related to Standing Wave Ratio (SWR) including what it IS and what it MEANS. I hope you will take advantage of these educational and informative opportunities when they occur.

Remember, in order to remain a member in good standing, you MUST observe the following rules of meeting etiquette:

- 1) No throwable fruits or veggies are allowed in the meeting room, and
- 2) All who are willing to have a good time are welcome, and
- 3) You should bring a friend to at least 2 meetings per year

I'll see YOU (and your friend) at the meeting,

Mike Karmol - N8KUF 2019 President – MCRCA

50th anniversary of Apollo 11 moon landing

VERON reports that PA11APOLLO and GB5EHL will be among the many special event stations on-the-air to celebrate the 50th anniversary of the Apollo 11 moon landing

The VERON website says:

Apollo 11 Special Event Stations Apollo 11:

- N8A, until July 24, Midwest VHF / UHF Society , West Chester, Ohio
- WB4ICJ, July 14 - 20, Kennedy Space Center
- N1A, July 14 - 28, Milford, Ohio Amateur Radio Club
- N4A, July 16 - 25, NASA Marshall Space Flight Center Amateur Radio Club
- K2M, July 16 - 24, Great South Bay Amateur Radio Club (in honor of those who built the Eagle the Lunar Excursion Module (LEM) on Long Island)
- K2CAM, July 16 - 24, Long Island Mobile Amateur Radio Club
- N5A, July 18-21, Razorback Contest Club , Springdale, Arkansas
- W3A, July 18 - 23, the National Electronics Museum Amateur Radio Club (K3NEM)
- W4A, July 19 - 21, Huntsville, Alabama Amateur Radio Club
- K8QYL, July 20, Reservoir Amateur Radio Association
- K9MOT, July 20 - 21, Motorola Amateur Radio Club
- N0M, July 20 - 22, South East Metro Amateur Radio Club
- K1M, July 20 - 28, Stratford Amateur Radio Club
- GB5EHL, until July 28, Leicester Radio Society "Eagle Has Landed" commemoration
- PA11APOLLO, until 2 August in the Netherlands



VERON in Google English

[http://translate.google.co.uk/
translate?u=http%3A%2F%2Fwww.veron.nl%2F&sl=nl&tl=en&hl=&ie=UTF-8](http://translate.google.co.uk/translate?u=http%3A%2F%2Fwww.veron.nl%2F&sl=nl&tl=en&hl=&ie=UTF-8)

Post Hamfest Report 2019

Well after 24 years of chairing the hamfest and several years of helping before, I have to say this one was the wettest. I think in the last 24 years we had rain one other time and it didn't last the entire morning, but my mind could be slipping.

Everything went as smoothly as could be expected and I didn't hear anything but compliments from the people I talked to. Many people told me that our hamfest is their favorite hamfest, which is good to hear.

We managed to reserve all our tables again this year and had them reserved about mid-May, which is ahead of the normal schedule from years past. Trunk sales had a little more than half the normal turn out and people started closing up early because of no customers in the rain. Ticket sales was down about 24 percent from last year which, along with trunk sales, is where we make most of our profit.

We had more help this year with a total of 22 people helping to setup, run and sell tickets. I would like to thank everyone that helped out this year. Sorry if I missed anyone.

Mike Karmol N8KUF
 Kyle VanDaele
 Keith Saari K8YKD
 Jeff Breitner KA8NCR
 Fred VanDaele K8EBI
 Terry Kolton N8NYP
 Gary Pratt W8GPR

John Copeland N8DXR
 Rodney Haddix KD8ZNZ
 Dave Benoit W8IIE
 Wes Busdiecker KC8SKP
 Brenda VanDaele KB8KQC
 Lance Charter KE8BYC
 John Bills N8RWI

Dale Williams WA8EFK
 Tom Imlach KE8KNZ
 Neil Remaklus KA8PQH
 Tom Jenkins KG8P
 Dalton Dagget KE8DDM
 Jeff Peters K9JP
 Paul Trouten W8PI & Vicky Trouten

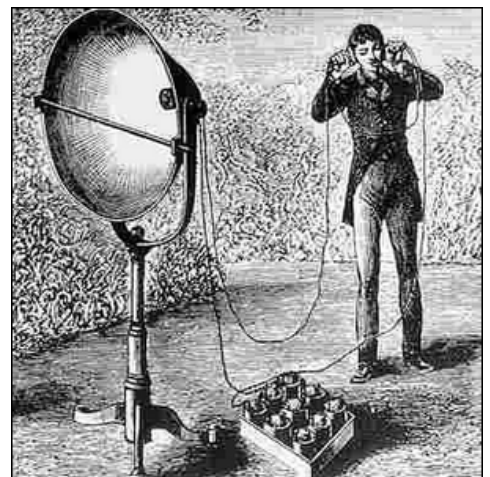
Thanks to all that helped set up Saturday morning and also helped to tear down Sunday afternoon, and a special thanks to all the people that sold tickets out at the gate Sunday morning. That job is a long hard job and the rain made it even more miserable. Thanks to Tom KG8P for stepping up and spending the night to watch over everything.

This hamfest is the big event of the year and provides a large portion of support for the club, and only about half of the members help out each year. It's so nice to work with dependable people on such an important project, Thank you all very much. Fred K8EBI, Hamfest Chairman.

Who Invented Radio?

Alexander Graham Bell is best known for his innovations in the field of telecommunications, and among those innovations, best known for his contributions to the field of telephony. While every school child learns about how Bell invented the telephone—initially called the acoustic telegraph—what most of us don't learn about in our study units on great American inventors, however, is that Bell and his assistant, Charles Sumner Tainter, jointly invented and tested the precursor to fiber optics, the photophone.

In June of 1880, Bell and Tainter transmitted a conversation using only light over a distance of approximately 700 feet (213 meters). This experiment had the same outcome as his earlier experiments with wired telephones but, importantly, it achieved the same transmissions via light-based modulation.



Bell, ever the visionary, believed that the invention of the photophone was the single greatest thing he had ever done and, given the critical importance of light-based transmissions via fiber optic networks that make the internet-enabled future we live in possible, we're inclined to agree.

(Editor's Note) Wasn't this 15 years before Marconi?

DXpeditions: When they are more than just ham radio

Ralph Fedor – K0IR

Access to some entities on the DXCC list has been hampered by the behavior of previous DXpedition team members. This is not good. As an alternative, if we can add goodwill to the content of a DXpedition, we benefit others, enhance the image of amateur radio and DXing, make us feel good about ourselves, and pave the way for future DXpeditions.

An opportunity to do a good thing presented itself during the Pitcairn Island DXpedition planning. We asked the residents of Pitcairn, "What can we do for you? Make a list for us."

They responded.

The people of Pitcairn Island are not impoverished, totally cut off from the world, or without access to information. But some things you and I take for granted are just hard to get on Pitcairn. The list they provided us included lawn mower blades and belts, band saw guides and bearings, a quad bike fuel tank, pizza cutters, sanding and shaping discs, and some foodstuffs.

Our team also realized that at the time of our arrival there were some young people, between the ages of 2 and 12, on Pitcairn. Our team members were given the opportunity to personally contribute some money to buy these kids some toys, crafts, games, and educational items. We did that and I went shopping. In the middle is a photo of these items boxed, placed in our container, and now on their way to the people of Pitcairn Island.

As we've said again and again. We want this DXpedition to be fun. We want it to be fun for everyone, on both sides of the propagation path. And, we hope that knowing what we've been doing will add to your own level of fun and enjoyment when you work us.

The Pitcairn Island DXpedition Team www.pitcairndx.com

Latest FT4 beta release 'Leaps and Bounds' better

ARRL say user reports have been favorable in the wake of the release of another new beta version of the FT4 protocol by the WSJT-X Development Group this week.

Release Candidate 7, WSJT-X 2.1.0-rc, which is now available for testing, is not compatible with any previous FT4 releases.

A short mock contest session to wring out the contesting features of FT4 took place on June 4.

"Thanks to all who participated in yesterday's FT4 mock-contest practice session — and especially to those who provided useful feedback. It is much appreciated!" said developer **Joe Taylor, K1JT**.

"Everyone likes the 7.5-second T/R sequences, which provide operators with significantly more human interaction time than in previous revisions of FT4. Users also appreciated the sensitivity improvements and a larger range of acceptable time offsets (DT)." DT represents the combined clock difference for the transmitting and receiving computers, he explained.

Based on data compiled by Steve Franke, K9AN, Taylor said that it appears developers have the WSJT-X timing behavior under good control on all supported platforms, and the range of measured signal-to-noise values extended down to -21 dB.

"I operated for about 3 hours using 100 W and a dipole," Taylor recounted. "I copied transmissions from 263 unique call signs and made 143 QSOs in 29 states, 5 Canadian provinces, and 15 DXCCs."

Read the full ARRL story at

<http://www.arrl.org/news/new-ft4-beta-release-leaps-and-bounds-better-than-earlier-iterations>

New Beta version of FT4 now available

<http://www.southgatearc.org/news/2019/june/new-beta-version-of-ft4-now-available.htm>

2019 individual hunt scores

May 11, 2019 – foxhunt #1

possible route (via established public roadways) according to google maps was 5.3 miles

STATS:

Place	Team	Members	Distance	Time	SCORE
---	FOX	N8KUF	---	---	3 pts
1 st	TEAM1	K8EBI, KB8KQC	6.1	0:55	7 pts each
2 nd	TEAM4	W8PI, W8SMB	6.2	0:48	4 pts each
3 rd	TEAM3	WA8EFK, N8NYP	9.0	0:45	3 pts each
4 th	TEAM2	N8DXR, KD8ZNZ	9.8	1:15	2 pts each
DNF	ARPSC/ NCS	KE8BYC, N8RWI	---	---	1 pt each

July 13, 2019 – foxhunt #2

possible route (via established public roadways) according to google maps was 6.6 miles

STATS:

Place	Team	Members	Distance	Time	SCORE
---	FOX	K8EBI, KB8KQC			3 pts each
1 st	TEAM1	W8PI, W8SMB,	7.4 miles	50 min.	7 pts each
DNF	TEAM2	N8NYP			1 pt
3 rd	n/a				3 pts each
4 th	n/a				2 pts each
DNF	Hunt Coord	N8KUF	---	---	1 pt

Member	Overall Individual Score	
W8PI	11	
W8SMB	11	
KE8EBI	10	
KB8KQC	10	
N8NYP	4	
N8KUF	4	
N8DXR	2	
KD8ZNZ	2	
N8RWI	1	
KE8BYC	1	



The American Radio Relay League's round-up of the forthcoming week's DX activity on the amateur radio bands

This week's bulletin was made possible with information provided by The Daily DX, The OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

GEORGIA, 4L. David, AD0PY/DL7ZM will be QRV as 4L/DL7ZM from July 13 to 21. Activity will be on 6 meters using CW, SSB and FT8. This includes being an entry in the upcoming CQ World Wide VHF contest. QSL direct to home call.

EAST MALAYSIA, 9M6. Saty, JE1JKL is QRV as 9M6NA from Labuan Island, IOTA OC-133, until July 16. His focus is on 6 meters using FT8. This includes being an entry in the IARU HF World Championship. QSL via LoTW.

PHILIPPINES, DU. Chris, OZ1GNN is QRV as DU1/OZ1GNN from Antipolo, Grid Square PK04on, until July 26. QSL via LoTW.

PALESTINE, E4. Janusz, SP9FIH is QRV as E44WE from Bethlehem until August 6. Activity is on 80, 30, 20 and 6 meters using SSB, RTTY and FT8. QSL to home call.

ENGLAND, G. Members of the Leicester Radio Society are QRV with special call sign GB5EHL until July 28 to commemorate the first Moon landing. Activity is on the HF bands using CW, SSB, RTTY, SSTV, PSK and FT8. QSL via operators' instructions.

ISLE OF MAN, GD. Dave, WJ2O is QRV as MD/WJ2O until July 17. This includes being active in the IARU HF World Championship. QSL via N2ZN.

SOLOMON ISLANDS, H4. Bernhard, DL2GAC is QRV as H44MS from Malaita Island, IOTA OC-047, until September 25. Activity is on 80 to 6 meters using only SSB. QSL to home call.

ECUADOR, HC. Dervin, PD9DX is QRV as HC5BDT until July 18. This includes being an entry in the IARU HF World Championship. QSL via M0URX.

REPUBLIC OF KOREA, HL. Special event station D73F is QRV until August 18 during the 18th World Aquatics Championships in Gwangju. QSL via HL4CCM.

THAILAND, HS. Look for RAST HQ station E2HQ to be QRV in the IARU HF World Championship. QSL via LoTW. In addition, HSOAC will be activated by Rookie Hams from ITU Zone 49. QSL via HS5NMF. Jack, HS1FVL will be QRV with the R3 Multiplier. QSL to home call.

ALASKA, KL. Rick, K6VVA plans to be QRV as K6VVA/KL7 from Endicott Island, IOTA NA-004, from July 16 to 19. Activity will be on 40, 30 and 20 meters using mostly CW with some SSB. QSL via his instructions found on QRZ.com.

LUXEMBOURG, LX. Members of the Luxembourg Amateur Radio Union are QRV with special call sign LX50MOON during July to commemorate the first Moon landing. QSL via LoTW.

MARKET REEF, OJ0. A group of operators will be QRV as OJ0C from July 13 to 20. QSL via OH3JR.

DENMARK, OZ. Carsten, OZ4CG is QRV as OZ4SOP from Bornholm, IOTA EU-030, during July to support the Sea of Peace award. This includes being an entry in the IARU HF World Championship. QSL via LoTW.

ARUBA, P4. John, W2GD will be QRV as P44W in the IARU HF World Championship as a Single Op/All Band/High Power CW entry. QSL via LoTW.

NETHERLANDS, PA. Special event station PA11APOLLO is QRV until August 2 to commemorate the first Moon landing. QSL via PA1UN.

CORSICA, TK. Frans, DJ0TP is QRV as TK/DJ0TP until August 8. Activity is holiday style. QSL to home call.

AUSTRALIA, VK. Special event station VI3MOON will be QRV from July 16 to 24 to commemorate the first Moon landing. QSL via bureau.

BERMUDA, VP9. Steven, KU9C and Stephen, KL7SB are QRV as home calls/VP9 until July 15. They will be active as VP9HQ in the IARU HF World Championship. QSL KU9C/VP9 and VP9HQ via KU9C and KL7SB/VP9 via N4GNN.

GIBRALTAR, ZB. Members of the Gibraltar Amateur Radio Society are QRV with special event station ZB2IG19 until July 30 during the 18th Gibraltar Island Games 2019. QSL direct to ZB2BU.

CAYMAN ISLANDS, ZF. Operators K6GO and NA6MB are QRV as ZF2GO and ZF2NA, respectively, until July 21. Activity is on 160 to 10 meters. They will be QRV as ZF1A as the Cayman Island HQ station in the IARU HF World Championship. They will also be QRV in the upcoming North American RTTY QSO Party. QSL via operators' instructions.

NEW ZEALAND, ZL. Frank, ZL2BR plans to be QRV as ZL6HQ as the New Zealand HQ station in the IARU HF World Championship. Activity will be with CW. QSL via the bureau.

THIS WEEKEND ON THE RADIO. The IARU HF World Championship, QRP 20-Meter CW Fox Hunt, NCCC RTTY Sprint, NCCC CW Sprint, FISTS Summer Unlimited CW Sprint, SKCC Weekend CW Sprintathon and the QRP ARCI Summer Homebrew CW Sprint will certainly keep contesters busy this upcoming weekend.

Amateur Radio Examinations Monroe, MI

Monroe County Radio Communications Association Amateur Radio examinations are held the 3rd Saturday of every even numbered month at:

American Red Cross Chapter Bldg.
1645 North Dixie Highway
Monroe, MI 48161

Walk-ins are always welcome.

2019 Schedule:

February 16	April 20
June 15	August 17
October 19	December 21

TESTING BEGINS PROMPTLY AT 9:00 AM

Applicants are expected to have all forms filled out and be ready to take tests at that time. Coffee and doughnuts are available at 8:30 AM. For more information or to make reservations, call Paul Trouten - W8PI at 734-854-2224

Join us at the next meeting

July 18th at 7:30 pm
American Red Cross Chapter Bldg.
1645 North Dixie Highway
Monroe, MI 48162

Local Net

ARPSC Net - Every Monday evening on '72-Monroe (146.72 Mhz) starting at 8:00pm.

ARPSC Meeting first Thursday of every month at the EMD office on Raisinville Rd.. 7:00 PM