

Gaithersburg Community Museum

The Gaithersburg Community Museum is located in the restored 1884 B&O Railroad Station complex in Old Town Gaithersburg. The rolling stock exhibit, or trains, in the yard just outside the Freight House currently features a 1918 Buffalo Creek and Gauley #14 Steam Locomotive, a 1950s Budd Car and a CO Railroad Bay Window Caboose. Exhibits will be opening soon in the caboose and Budd car. In partnership with the Gaithersburg Historical Association, the City of Gaithersburg collects photographs, documents and other historic articles that tell the story of Gaithersburg and present that story in an interesting and interpretive manner..



August & September - active months
this issue

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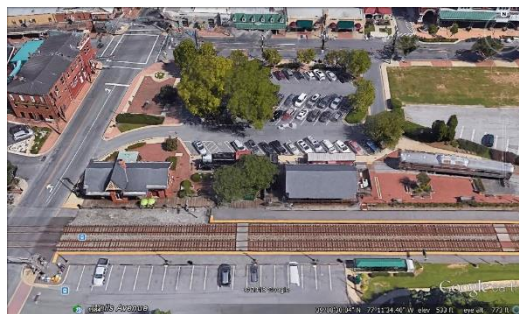
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Discovery Day – Amateur Radio

The on-again off-again drizzling rain did not dampen the spirit of the nearly twenty Hams that participated in the Sunday September 23rd Gaithersburg Community Museum Discovery Day featuring Amateur Radio as its theme. Neither did the rain keep away all visitors and participants; some travelling from as far away as Martinsburg WV, Pennsylvania, McLean VA; Tacoma Park and Bowie as well.

“Discovery Day” is a frequent offering of the Gaithersburg Museum located in Old Town Gaithersburg. The event typically focuses on trains and railroad themes. The program managers for the museum occasionally offer alternative themes appealing to the public. The museum polled the public on-line asking for suggestions on other Discovery Day themes and Amateur Radio was one that the public requested.

Some of the visitors attending Discovery Day, new to the area, not necessarily MARC club members, mentioned they are indeed already licensed Amateur Radio operators. Some visitors just happened to pass by the depot and noticed the signs and antennas.



Google Image of the site (year old)

MARC Club Trailer Demo

The most prominent Amateur Radio exhibit was Montgomery County Amateur Radio club's Emergency Communication trailer. “Ed” KB3CJJ and “Al” NW2M have been instrumental in nearly every phase of the trailer-project from its inception to its ongoing development. “Ed” towed, parked and setup the trailer for operating. Marc N4DR quickly got a station up and running.



The trailer's inaugural event was Field Day 2018 held in June at the Damascus MARC-DECT Field Day site. DECT is the Damascus Emergency Communication Team. The trailer accommodated one Field Day station using 100-percent solar energy.

“Al” NW2M reports;- next on the agenda for expanding the functionality of the trailer is the installation of a US-Tower ALN-31 mast on the trailer itself. The retractable mast will be 31-feet high when fully extended. “Al” has issued a “crew call” to help mount the antenna on the trailer.

(Discovery Day continues on page 2)

KC3CNT HF Station

Glenn KC3CNT set up a HF station under a canopy along with table and chairs. Glenn came fully equipped demonstrating principles of rapid deployment and appeared to be fully operational in about one-half hour.

Photo of KC3CNT's table



Here is Glenn limbering up before operating his station.



National Radio/TV Museum NCRTV Represented

Jim N3ADF, and Rick KE0IOW represented the Bowie-based National Capital Radio & TV Museum. They operated both HF and VHF from the Budd Car using a Yaesu FT-817 QRP rig and indoor antenna. The Budd car has a metal body hence the antenna did not work out at all. They did manage to send a Winlink message via the WA3YOO-10 node on 145.750. Jim reports, "HF was a bust due to propagation conditions."

Jim said, "I did enjoy talking about ham radio to most of the people that came by. I hope some consider getting their license."



N3ADF Jim operating

Rick KE0IOW operating in Budd Car



Dah-Di-Dah-Dit !!

Nancy W3NN with the blue plaid shirt and Rebecca KC3LLI wearing a blue cap demonstrate the sounds of CW -Morse Code.



The MARC club features similar exhibits at the Rockville Science Day held in April. The kids seem to enjoy the simplicity and obviousness of this old technology.

KC3LLI is a strong advocate for the hobby of Amateur Radio and hopes to see more youth and females become licensed.

W2LNX Ed-Ops

W2LNX, David, the MARC Club Education Chairman, provided visitors comments regarding acquiring one's Amateur Radio License. Photo shows David chatting with Michael KB1DDS. Note the intense interest of the kids at the table.



Michael, his wife and two of his three children are licensed operators; real "ham family". His son Edwin KC3JDY came well equipped with numerous HTs. Michael has an interesting QRZ.COM page: He is a mathematician who likes to build. He lists some projects at <http://mathematicalmachines.blogspot.com/> & <http://drmichaelrobinson.net>

W3LNX "David" & W3NN "Nancy" demonstrating Morse Code inside the Museum



W3SCI "Bruce" and W3DK "Bob"



Looking East toward club trailer



WB2U "Vic", KC3JDY "Edwin",
KB1DDS, "Michael"



Looking East at Information Table



Looking West



Rapid Deployment

The Montgomery Amateur Radio Club (MARC) (marclub.org) has recently been focusing on principles of "rapid deployment" relating to the kind of services the club offers to Montgomery County and surrounding jurisdictions.

MARC urges its members to plan and implement field exercises demonstrating the necessary skills and resources needed to field a safe fully operational HF or/and VHF/UHF station particularly with EMCOMM in mind. However the fun aspect ought to be accommodated in one's efforts.



Isaac AC3CJ Chuck KB3FKH Aleks W3JAG making sure everyone is safe and hungry

A Rapid Deployment Committee Outing was held Sunday August 26, 2018 hosted by the MARC club President, Aleks W3JAG.

Many participants showed up. Glenn N3COB shown below burning up the air-waves suggested next time we get together we set one goal for the operation. He added, working with Winlink by sending and receiving at least one message out on HF via Winlink would be a manageable goal.



KC3CNT Glenn deployed a full HF station consisting of a Buddipole antenna. Photo shows Glenn, Mike K5MRH, Oren KC3LUG with N3COB looking on. KC3CNT has been very active in many club events including Field Day and is always alert to opportunities to deploy in-the-field.



W3JAG Hosts Rapid Deployment Backyard Cook-Out Hams and Family Members Enjoyed a Lovely Day

Five rapid deployment stations:
K3ICI, N4DR, KC3CNT, K3BAB,
N3ADE

Dave N3ADE – with a Go Box containing an Icom 7300 on battery power with Auto tuner, Z11pro II & DSP with ZEPP OCF & Auger style ground rod.

N3ADE shows Tom K3TC layout



Kris K3ICI utilized a Chameleon mast to run a 20-meter sloper. Kris is very active and was instrumental in many phases of our Field Day 2018.



Ham Family Isaac AC3CJ, Chuck KC3JKH & Robyn KC3JFG. Isaac quickly advanced through the Amateur Radio ranks acquiring his Extra. He is also involved in 4-H. His father Chuck is interested in EMCOMM.



Marc N4DR brought a QRP rig and a vertical and worked a station in New England. Later he used K3ICI sloper and had better results on 20 meters.



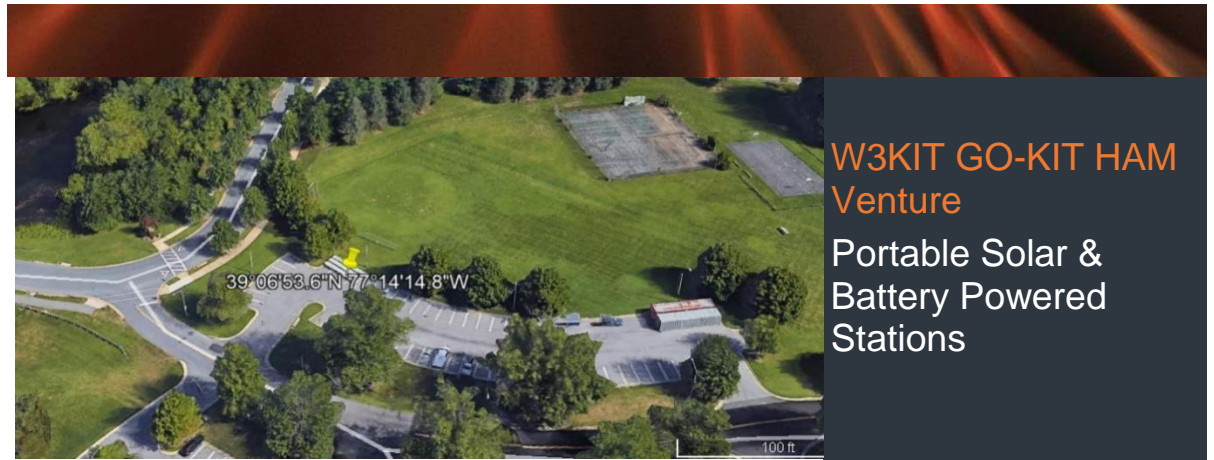
Aaron W3GIS said, "I was impressed at the rapid deployment of portable equipment and antennas. The innovative supports and different types of antennas was interesting." (No photo available)

Emily, Bruce K3BAB, Aleks and Vic. Behind is Glenn and daughter.



Tom W3TDH said "I think it was a good start in exposing people to effective ideas for quick set up." Photo shows Tom in red shirt chatting with N3ADE & KB3BIP TOM





**W3KIT GO-KIT HAM
Venture**
Portable Solar &
Battery Powered
Stations



On Saturday Sept 8,
2018 W3KIT
organized a
HamVenture day
near the Lakeland
area.

Participants:
W3KIT Kit
K3BAB Bruce
N3COB Glenn
WM1E Bob
KC3LUG Oren
WB2U Vic

Kit W3KIT invited us all to operate all
bands all modes or just chit-chat and
exchange Ham stories. In the photo
below Bob WM1E asked Vic and
Glenn if they were watching a peep-
show.

Below is a photo of Kit's
HamBrella Station. No reports
were made regarding whether the
Hambrella could resonate on any
band. On the grass lays the solar
panel in want of some rays.
Unfortunately the only rays that
existed came in the form of rain
that chased all of us away in
search of shelter.



Bob WM1E show-cased his new Go-
Kit housed in a Pelican case
including a 100 watt amplifier and a
Elecraft KX3. Enclosed in a
separate container is a Bioenno
battery. He set up a Buddipole
antenna.

Bruce K3BAB set up a small table
and put up a home-brew 20-meter
dipole.



Oren KC3LUG & Bob WM1E



Oren KC3LUG brought his newly
build Twin-T Code Oscillator.





To advance
the art of
Amateur
Radio.

Please join
MARC's efforts
offering Amateur
Radio
communication
service to our
community.

On-Going Programs & Upcoming Events

- **MARC meetings every 1st and 3rd Wednesday. Visit marclub.org for details.**
- **MARC Sunday Net**
This net meets every Sunday night at 7:30 PM on the MARC 146.955 Repeater. This net features the Amateur Radio Newsline. Share what you have been doing in the hobby.
- **Public Service Net**
MARC conducts an on-air net Tuesday nights at 8:00 pm on the 146.955 repeater. All hams interested in Public Service and Emergency Communications are welcome to check into the Tuesday net. For more information on public service events, contact: Paul N3RQV
- **Rapid Deployment & Field Day Planning Net**
This net meets every Thursday night at 8:00 PM on the MARC 146.955 Repeater to discuss ideas and plans associated with rapid deployment. This net is also an opportunity to share ideas regarding Field Day 2019 planning.
- **Marine Corp Marathon October 28th**
Follow this link for more details <http://mcmham.org/>
- **Simulated Emergency Test (SET) Contact KN3U AI for the latest plans**
- **Field Day 2019 Planning is underway.**
Are you interested in participating in Field Day June 2019? Let the club know what you would like to do.
- **Winter Field Day January 26-27 2019** How about a new Field Day challenge? Welcome to [Winter Field Day 2019](https://www.winterfieldday.com), January 26-27, 2019. Rules may be found at <https://www.winterfieldday.com/rules>

