



An ARRL Special Service Club

July 2016 Newsletter

Volume 41—Number 7

NEXT MEETING

3rd Thursday, 21 July 2016, 7:30 PM

BARC Clubhouse & Communication Center
Sugarcreek Elementary School, Room 1 Lower Level
51 South East Street, Bellbrook
Talk-in on BARC 147.045(+) Repeater

Pre-Meeting Hospitality & Fellowship

Starts at 7:00 PM

PROGRAM

Windows 10 Overview for Ham Radio

by Shawna Collins N2TUJ

Shawna will present Windows 10 key changes from previous versions, options to enhance usability and how to figure out if your ham radio apps will work. The session is designed for an audience containing a mix of individuals who already have switched, have not yet decided or have never used Windows.

HAPPY BIRTHDAY BARC !!!

**BARC celebrated its 40th Birthday
on the 4th of July**



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UPCOMING ACTIVITIES

BARC July 21st Club Meeting

- **7:00 PM:** Pre-meeting Hospitality & Refreshments
- **7:30 PM:** Regular monthly Club meeting
- **Program:** Windows 10 Overview for Ham Radio
- **Business meeting**

BARC "Dinner & A Movie" (07/28)

This month's "Dinner & A Movie" Night" will be the usual "Last Thursday" **28** July, 7:00 PM at the Clubhouse. The **Movie Title** and **Dinner Menu** to be announced at meeting and email announcement via BARC Reflector. Always a delicious meal including great dessert and the usual BARC popcorn plus soft drinks, bottled water and coffee. Bring your spouse/significant other and come enjoy the movie and the usual BARC fellowship and camaraderie.

BARC Planning Group Meeting) (08/04)

The next BARC Planning Group Meeting will be held August 4th at 7:30 PM at the Clubhouse. All officers are expected to attend if available and all coordinators are encouraged to attend to participate in the discussions and planning of future BARC activities and projects. BARC members are always welcome to attend.

FUTURE ACTIVITIES

BARC August Club Meeting (08/11)

NOTE: AUGUST MEETING WILL BE ON 2nd THURSDAY INSTEAD OF 3rd.

The BARC August General Membership Meeting will be held on the 2nd Thursday because of the Bellbrook Lions Festival occurring on the Sugarcreek Elementary School grounds the regular 3rd Thursday General Club Meeting night and the lack of convenient parking in the vicinity.

MVMA MESH Meeting (08/13)

The August Miami Valley Mesh Alliance meeting will be held on the 2nd Saturday, August 13th, at a location TBA. All hams interested in high-speed multi-media broadband mesh networking are invited to attend.

Bellbrook Lions Parade (08/20)

The three day Bellbrook Lions Festival starts Thursday 18 August on the grounds of Sugarcreek Elementary School. The 70th Annual Lions Festival Parade will step off at 4:00 PM Saturday, August 20.

We will need at least a dozen radio operators to help line up the parade and provide safety and logistic communications support.

BARC members will gather at the Bellbrook Community Church parking lot [Vemco Drive & West Franklin Street (SR-725)] at 2:30 PM to pick up a safety vest, a line-up sheet and an assignment. Operators need to be at their assigned posts by 3:00 PM. BARC's Public Service Coordinator Don Parker KB8PSL will be making the assignments and directing operations.

The parade will be after our August BARC meeting; thus, further details will be distributed via the BARC Email Reflector and at the meeting. Please keep a close eye on your email as 'parade day' gets closer.

If you can help with the parade, please send Don an email at DParker28@att.net.

Please put this on your calendar and plan to help.

[Ohio QSO Party \(August 27th\)](#)

The 2016 "edition" of the Ohio QSO Party will be held on Saturday, August 27, for 12 hours from 12 Noon to 12 Midnight. This is a fun and easy operating event and we would like to see many BARC members spend at least a little time operating from the BARC Communications Center.

If you would like to operate during this activity, or willing to at least give it a try, please contact Eric Vinande at EVinande@gmail.com.

Reminders and further information will be disseminated via the BARC Email Reflector as the date approaches.

[Greene County ARES \(08/29\)](#)

The next Greene County ARES meeting will be Monday, August 29th, 2016, 7:30 PM, at Beaver Creek Township Fire Station 61 Training Room, Dayton Xenia Road just west of Orchard Lane. There are no meetings scheduled during May, June and July because of Hamvention, Field Day and summer vacation time. For more information about Greene County ARES, contact EC Fred Stone W8LLY at W8LLY@ARRL.net

[Montgomery County ARES \(08/30\)](#)

The next Montgomery County ARES general membership meeting will be Tuesday, August 30th, 2016, 7:00 PM at the American Red Cross Dayton Area Chapter, located at 370 West First Street, just east of I-75 in downtown Dayton. For more information about Montgomery County ARES,

contact EC Rob Flory KA5RUC at KA5RUC@MoCoARES.org

GENERAL INFORMATION & REPORTS

["Field Day Impressions 2016"](#)

By Gerd Schrick WB8IFM

As every year, the last full weekend in June was Field Day. This is a way of exercising and demonstrating that in case of any emergency, Ham Radio operators are prepared to provide communication for the public good.

Individuals, but mostly clubs, from the smallest to the larger ones, get their equipment: transceivers, antennas and portable power sources together. There are constantly new ideas to be considered, new equipment acquired, new antennas checked out, and yes, somebody needs to be concerned about the feeding of hungry operators.

I am no big friend of contests, for one: there are way too many of those, the vast majority "run of the mill types" that to me prove very little and fail on the communications aspect. They were originally held to "create activity", to make things happen on the bands and indicate capabilities and learn about propagation.

Now "Field Day" is a contest that I like and when approached many years ago by Fred, W8LLY, to participate and set up a Satellite Station, I quickly agreed and was hooked, became a member of the Bellbrook Club (BARC) and have since participated in many of BARC's Field Days.

Over the years, the club has grown and is one of the premier clubs in the area. It has found a permanent home in a former school building in "downtown" Bellbrook. There it has a nice meeting room and four "cubicle type" radio stations. Last year, because of very poor weather conditions, Field Day was held at that location, with power from a portable generator fed with a cable through the window. It worked out alright.

This year the weather was super, maybe it got a little hot Sunday. But there was the handicap of no sunspots with the resulting poor ionization from the spot-free sun. Of course, the sun puts out enough UV without spots and what is called the solar flux, a measurement of RF energy emitted at 2.7GHz closely resembles the UV output of the sun. It is easy to measure. Sunspot numbers are complicated to count and few do it. I only knew one ham in our

area who actually (on a clear day) counted regularly the spots on the sun.

With the spotless situation, it was to be expected that conditions would be poor and the higher frequencies, from 10m on up would be dead. In any case, I showed up for Field Day with my 6m station, just in case. As you know 6m is the "Magic Band" and marvelous openings can happen. Recently the 2m band has shown similar (magic) openings on account of ionospheric reflections.

Getting back to the Bellbrook Field Day. This has become a big operation, for years now taking place at Sackett-Wright Park just outside Bellbrook, less than a mile from the clubhouse. So the equipment, the antennas, etc., are not too far away and a few loads of a pickup does the trick. The park and the shelter, where the 6 stations are set up, can be easily spotted, and when you look closer, you also see a row of 30 foot tall towers (ex-TV), painted red, white and blue, almost giving it the picture of a commercial radio installation. Setting up and stringing the antennas, mostly dipoles, only takes a couple of hours. So we meet at 9am for breakfast, and by lunch time all is ready to go.

One aspect of Field Day is interaction with the public. There is a well-equipped information table, where visitors can see displays regarding Ham Radio, handout brochures are available and we keep track with a sign-in sheet. There is also a monitor, connected to all the laptops of the half dozen or so operators to keep score and shows the states and provinces that have been contacted. When I once checked on Sunday morning, we had made connections with all but two states.

At around 5pm we stop operating and have the traditional "Broasted Chicken Family Picnic". A surprise visitor Carey, K8DOT, BARC's oldest Ham member, brought by his wife and daughter, stopped by for the picnic. He is in his 90s and lives in the Liberty Nursing Home on Grange Hall Road.

A few guys stay overnight, "to hold the fort" and continue operating overnight. Then others come back to give it another try Sunday morning. In my case, all I heard on 6m was noise and one beacon from a club in Delaware OH. And the only 6m contact we had was also with the club station in Delaware on Sunday morning..

Overall we did quite well with stations set up for the HF bands 80 through 10 (SSB, CW and digital) plus 6m, 2m and 70 cm. From the support personnel I'd like to mention Tink, KD8NUA and husband, Steve, KD8NUC for a super job of feeding us. Darryl, KD8JQE, BARC's Field Day Chairman, did most of the work organizing the whole event.

A total of 90 people visited BARC 's Field Day event including 47 BARC members. Visitors included spouses, a few children, representatives of served agencies, an elected official, other hams and the general public.

Summary—2016 Field Day Exercise

BARC conducted its 2016 Annual Field Day Exercise on Saturday-Sunday, June 25-26, in and around Shelter #1 at Sackett-Wright Park on the east edge of the City of Bellbrook.

An estimated 2600-plus other clubs and groups across the United States and Canada also participated with over 36,000 individuals involved.

Saturday began around 0800 when some BARC members reported to the Clubhouse to load up and transport Field Day equipment to the Park while other members reported directly to the Park to perform preliminary set-up tasks—clearing the shelter, installing emergency power system and installing the towers and antennas.

The first tasks at the site involved relocating the six picnic tables from the shelter to the grassy area on the north end of the shelter. This facilitated easier installation of the electrical distribution wiring before the tables, chairs, equipment and other set-up crew members arrived. Simultaneously, the antenna crew began off-loading sections of tower from John King's trailer that was delivered to the site by Jim Lusk. Then, antenna crew also set up a 17-ft mast for the talk-in antenna which also serves as a flag pole for an American Flag which flies proudly over BARC's Field Day site every year.

Paul Sharp coordinated the "power systems" installation. Two Honda 2-KW generators operate alternately to provide emergency power for the stations. The shelter's overhead utility outlets powered logging computers, lights, fans, the coffee pot, crock pots, etc.

Breakfast for the set-up crew was served at the site around 0930 when Russ Roysden appeared with hot Biscuit & Sausage breakfast sandwiches courtesy of **Tudor's Biscuit World** of Xenia. Elizabeth King had the hot coffee brewed and ready to serve when the breakfast sandwiches arrived.

At apx 1000, following breakfast, set-up of the Field Day site began in earnest.

Six 30-ft red, white and blue towers were assembled in the grassy area on the south side of the shelter and then carried to their respective locations. The towers then were erected in a straight line stretching approximately 490 feet from Tower #1 to Tower #6.

Towers 1, 2 and 3 supported the 80m dipole antenna, Towers 3 and 4 supported the 40m dipole, Towers 4 and 5 supported the 20m dipole and Towers 5 and 6 supported the 15m and 10m dipoles which were tied “end-to-end.”

A 32-ft tapered aluminum tower (Tower 7) then was erected to support the 20-15-10m rotatable dipole and the center (feedpoint) of an 80/40m dipole (both for the CW Station). Tower 6 supported the south end of the 80/40m dipole and a 20-ft Tower 8 supported the north end.

Other set-up crew members simultaneously set up six tables for the station operating positions, along with folding chairs. Three tables were set up for food distribution, crock pots, the coffee pot, plates, cups, eating utensils and associated supplies. Additional tables were set up for the visitors information display, the Talk-in Station and Broadband High-Speed MultiMedia Mesh Networking demonstration.

Six canopies were set up over the picnic table on the north end of the shelter.

Joe Muchnij coordinated the setup of the wireless networked computer logging system using seven laptop computers.

The large “BARC Field Day / Visitors Welcome” sign was set up at the Park entrance and other banners were hung on the shelter and canopies.

Seven operating positions were set up within the shelter for 80m, 40m, 20m, 15m, 10m, 6m SSB and 20-15-10m/80-40m CW.

Around 12 noon, Tink & Steve Siwecki served up a very delicious lunch for the setup crew consisting of pulled pork sandwiches with all the usual “trimmings” plus chips and a salad. Soft drinks (regular and diet Coke, Pepsi and Sprite) and bottled water were available all during the Field Day Exercise.

A few final set-up items were completed after lunch and the BARC Field Day stations were ready to go well before the 2 PM start of the 24 hour operational period.

BARC operated Class “6-Alpha” meaning that no more than six HF transmitters were operational at any given time. The 6m station is a “freebie” and is not included in the 6-A class total.

Late Saturday afternoon, spouses and others began arriving at the site for the BARC Annual Field Day Family Picnic scheduled for 5:30 PM. Attendees carried in vegetable and fruit dishes, salads and desserts to share and BARC provided Broasted Chicken from Dot’s Market in Bellbrook.

Darryl extends a BIG THANK YOU to everyone who attended BARC’s 41st annual Field Day Exercise and helped make it another very successful event. We had a number of new hams with us again this year who were quite impressed with BARC’s Field Day activity and were very appreciative of the learning experience.

BARC Field Days just keep getting better and better each year.

The following is a preliminary summary of BARC’s Field Day QSO’s and Points.

SUMMARY OF BARC’s 2016 FIELD DAY OPERATION			
BAND	CW	DATA	PHONE
80	116	0	128
40	181	17	70
20	135	0	54
15	22	0	23
10	0	0	0
6	0	0	1
QSO’s	454	17	276
QSO POINTS	908	34	276
TOTAL QSO POINTS	2436	TOTAL BONUS POINTS	1710
BARC TOTAL CLAIMED SCORE		4,146	

BARC Field Day Coordinator Darryl Fowler will present a final report with a “photo review” as the program for the August 11 General Membership meeting. A preliminary report of our score will be presented at the July meeting.

[FD Mesh Networking Demonstration](#)

A 2.4 GHz network node along with a high-definition video camera, telephone and large screen display was set up at BARC’s Field Day site to demonstrate the digital communication capabilities of an amateur radio mesh network.

Greene County ARES has been developing an amateur radio High-Speed Broadband Multi-Media Mesh Network across Greene County as a potential

tool for emergency communications support for served agencies, among other potential applications.

This network is now expanding into Montgomery County and soon into Miami County – and beyond.

Telephone and video from BARC's Field Day site was relayed via a 2.4 GHz RF link to a mesh node located atop BARC Comm Center Tower 1 and then relayed via 2.4 GHz RF link to a "tunnel client node" in the Comm Center and connected to the Greene County Mesh Network. Video from BARC's Field Day site reportedly was viewed by a ham located in northeastern Ohio who "tunneled into" the Greene County mesh network.

A computer terminal utilizing Winlink Express software used the 2.4 GHz network node at BARC's Field Day site to relay "Field Day Bonus Point messages" to a "Winlink Post Office" located on the Greene County Amateur Radio Mesh Network at WA8APB's QTH in Beaver creek.

The messages then were forwarded to Station W8SGT at the Ohio Emergency Management Agency (EMA/DHS) Emergency Operation Center (EOC) in Columbus. Station W8SGT then forwarded the messages, respectively, to the Ohio Section Manager (SM) in Richland County, the Ohio ARES Section Emergency Coordinator (SEC) in Delaware County and the West Central Ohio District 3 ARES District Emergency Coordinator (DEC) in Miami County.

[ARRL 2016 National Parks on the Air](#)

As the National Park Service (NPS) celebrates its 100th anniversary this year, radio amateurs will help mark the occasion with the ARRL National Parks on the Air (NPOTA) event [began January 1st 2016].

NPOTA will run throughout the year with activity promoted and encouraged from each of the more than 430 official NPS administrative units and affiliated areas across the US. This includes all 59 National Parks as well as National Battlefields, Historic Sites, Memorials, Preserves, Reserves, Rivers, Seashores, National Scenic Trails, and other units.

The program will have two participation tracks — Chasers and Activators. Chasers will simply attempt to make contact with operators in as many of the NPS units as possible. Activators will attempt to activate as many of the units as possible. NPOTA participants may serve in both roles. Chaser and Activator totals will be tracked via an online "Leader Board" based on LoTW data, just as was done during the ARRL Centennial QSO Party. (See NPOTA Leader Board at <http://npota.arrrl.org>.)

To learn more about [National Parks on the Air](#), see the ARRL website at:

<http://www.arrrl.org/news/arrrl-national-parks-on-the-air-event-to-mark-national-park-service-centennial>, or search on: ARRL National Parks.

[BARC Weekly Net](#)

Remember to join your friends for the BARC weekly Net on Sunday evenings at 8:00 PM on the BARC 2m repeater, 147.045 (+)(no PL).

The Net provides an opportunity between Club meetings to share news and information about Club and personal projects and activities.

A BIG THANK YOU to co-Net Control Stations Eric Vinande KG6NFJ, Greg Goffe N8DRG and Mike Kinsey KD8GME, and Megan Espenshade-Vinande KD8RES who substitutes for Eric occasionally.

[BARC Fundraising Opportunities](#)

[• Kroger's Rewards Program](#)

Please remember to use your Kroger Card when shopping at Kroger's and support BARC through the Kroger Rewards Program. If you have not yet signed up and need help, please bring your Kroger Card to the next BARC meeting and we'll help you get registered.

[• AmazonSmile Rewards Program](#)

BARC is now registered in an Amazon rewards program called **AmazonSmile**. Charitable and non-profit organizations receive **0.5%** of total purchase price (small but it adds up over time). A web page of basic Q&A info on the AmazonSmile program is available at:

http://smile.amazon.com/about/ref=smi_se_ft_abt_saas

You must shop through **smile.amazon.com** for BARC to receive benefits. You can use your existing Amazon account. To sign up, simply select Bellbrook Amateur Radio Club as your preferred charity when prompted.

AmazonSmile is a simple and automatic way for BARC members (and family and friends) to support BARC, at no cost to you, every time you shop at Amazon. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection & convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to BARC. So, be sure to register in AmazonSmile the next time you shop At Amazon and then log back in at AmazonSmile.

[ARRL Discounted Membership Offer](#)

BARC members are reminded that one of the benefits of Club membership is the opportunity to become an ARRL member at a discounted price.

Effective January 1, 2016, ARRL membership was increased from \$39 to \$49 per year. This is the first increase in a number of years.

BARC is an ARRL affiliated club and receives a commission for new first-time ARRL memberships transacted through the Club. BARC passes on this discount as a club membership benefit in order to promote ARRL membership.

BARC members currently receive a \$15 discount on a NEW first year ARRL membership cost when placed through the Club. Please contact BARC Treasurer Paul Sharp KD8OPN for details.

MEETING MINUTES & NOTES

[Minutes-June 16th Club Meeting](#)

By Steve Siwecki, KD8NUC, Secretary

Officers and Members-at-Large Present: 5

- Chris Stauter KD8APN, President
- Paul Sharp KD8OPN, Treasurer
- Steve Siwecki KD8NUC, Secretary
- Jim Totten WA8HUB Jr. Director

General Membership Present: 20

Guests: 0

Total Attendance: 25

Quorum: Yes

Officers and Members-at-Large Absent:

- Jerry Cornett KD8TVP, Sr. Director (excused)
- Ray Hitt N8VMX, Vice President (excused)

Call to Order. The president called the meeting to order at 7:33 PM and opened with the US Pledge of Allegiance.

Introductions. Members, including 3 new members, introduced themselves.

Meeting Program - BARC Field Day Preparations.

Darryl Fowler KD8JQE discussed the schedule and logistics for the ARRL Field Day 2016.

Approval of the May 2016 Club Meeting Minutes.

Joe Muchnij N8QOD put forth the motion to approve the May 2016 meeting minutes as written. Jim Totten WA8HUB offered a second to the motion. The motion passed by a vote of the membership present.

Treasurer's Report. Treasurer Paul Sharp reported this period's financial status (summarized in the table below). He noted that the Communication Center

Fund	10-May-16	Income	Expenses	9-June-16
General				
Comm center				
Refreshments				
Repeater				
MVMA				
ALL FUNDS				

expenses were for the purchase of the three new Icom IC-7300 HF radios which were completely funded by donations and the sale of older station radios. We currently have about XXX.00 toward the purchase of a fourth radio.

Jim Totten WA8HUB put forth a motion to accept the treasurer's report; Jim Gifford KD8APT offered a second to the motion. The motion passed by a vote of the membership.

Education Coordinator Report. Fred Stone W8LLY states that there currently is nothing significant to report.

Hospitality Coordinator Report. Tink Siwecki KD8NUA reports that Dinner and Movie night will be held on Thursday, June 30th at 7:00PM featuring "Galaxy Quest" with pizza, salad bar and dessert for dinner.

June Planning Group Meeting. President Chris Stauter reported a synopsis of the June Planning Group meeting.

President Chris Stauter reports that the club intends to purchase a **new toolbox** with drawers on wheels.

Emergency Communications Coordinator. Fred Stone W8LLY indicates that there currently is nothing significant to report.

Little Miami River Kleeners. Darryl reports that the annual LMRK event held Saturday, June 4 went well overall.

BARC's 40th Anniversary. Eric Vinande KG6NFJ announced that BARC's 40th anniversary Special Event Station and Open House will be held July 2, 2016 (the weekend after Field Day).

Adjournment: A motion to adjourn the meeting was put forth by Jim Totten WA8HUB. Larry Darner KD8RER offered a second to the motion. The motion passed by a vote of the membership present and the meeting adjourned at 8:20 PM.

Planning Group Notes—July 7th

Steve Siwecki KD8NUC, Secretary

Officers Present:

Chris Stauter KD8APN, President
Paul Sharp KD8OPN, Treasurer
Steve Siwecki KD8NUC, Secretary
Jim Totten WA8HUB, Jr. Director

Functional Coordinators Present:

James Lusk KC8EFD, Clubhouse
Don Parker KB8PSL, Public Service
Russ Roysden N8NPT, Repeater
Tink Siwecki KD8NUA, Hospitality/Library
Fred Stone W8LLY, Newsletter/Edu./Emergency
Eric Vinande KG6NFJ, Communications Center

General Membership Present:

Henry Bussey W8TOG
Becky Cornett N8TEK
Ken Cornett N8SPW
Mel Metzler KD8VWC
Karen Moak KM8Q
Ken Moak KM8AM
Henry Ruminski W8HJR
Dave Walton KD8GCR

Guests:

Jim Tiderman N8IDS

Officers & Members-at-Large Absent:

Jerry Cornett KD8TVP, Sr. Director
Ray Hitt N8VMX, Vice President

The Meeting was called to order at 7:34 by the President.

Multi-Station Rotor Control. Mr. Jim Tiderman presented methods and hardware to permit BARC's multiple stations to share and control a single rotor using quick connects/disconnects and multiple controllers. The cost will be approximately \$200 plus the cable itself. He also stated that a switch box could be located at the antenna patch panel.

UDRC (Universal Digital Radio Controller). Russ Roysden reports that the UDRC is interfaced to a Raspberry PI but is not yet install onto the repeater. He will perform a trial run on the BARC 440 repeater first. He need to determine if an internet connection in necessary for functionality. If an internet connection is need then we will have to establish internet connectivity at the repeater site.

Repeater Tone Access. Eric Vinande proposed the addition of a CTCSS tone to the repeater as a method to mitigate the intermittent repeater QRM issue. Members discussed the pros and con. One con in particular is access during emergencies when one may not have ready access to the tone

frequency. A workaround to this concern is to turn off the tone remotely during times of emergency or exercises. Remote access to the repeater is currently not available, but possible. The decision was made to run tests on the 440 repeater to determine the efficacy of the tone to mitigate the problem. The results of the test will be presented for further discussion on the topic at a future meeting.

BARC Polo and T-Shirts. Russ Roysden will obtain updated quotes on T-Shirts and Don Parker will do the same for the Polo Shirts. New members have expressed an interest in purchasing BARC logo shirts.

Deluxe 6-Band U3S Kit. Eric Vinande reports that this is an automated low power (200mW) beacon which rotates through the 10m, 15m, 20m 30m 40m and 80m HF bands at the rate of 2 minutes per band. Eric demonstrated the WSPRNET.org website that shows stations reporting reception of our signal.

Repair, Sale or Retention of Older Station Radios.

- Goal is to have 2 HF radios in each station.
- Kenwood 570D has been repaired – possible 2nd radio for station 3 – Don't sell yet.
- Sell the ICOM 735.

Fourth Icom IC-7300? Paul Sharp reports that we have \$412 toward the purchase of the next IC-7300. A suggestion was made to purchase instead a Yaesu FT991 HF/6m/VHF/UHF for System Fusion capability in one station. It was decided to continue with the purchase of the IC-7300 as planned for the HF capability but consider a Yaesu UHF/VHF only version with the System Fusion capability.

Status of Surplus Radios in Storage. Currently status quo. Members discussed that the commercial radios may be useful to CERT; handhelds may be programmed for ham use. Don Parker mentioned that Anderson Security may be interested in some of the radios.

Repeater Site Gravel Bed and Generator. Project on hold.

Clubhouse Antenna Project. A meeting of the Communication Center Tech Committee will be held Thursday 14 July at 7:30PM to discuss remaining tasks and decisions. Topics for discussion include:

- Installation of coax conduit.
- Grounding of Tower 2 (consult with Ken Moak).
- Messenger cable from Tower 1 to Tower 2.
- Installation of additional coax to additional antennas including Tower 2 rotor cable
- Installation of antennas on Tower 2 mast
 - 2 m/70 cm Vertical
 - 70 cm Yagi
 - 2 m Yagi

- Tower 2 Rotor
- Replace Tower 1 guys with non-metallic guys.
- Install lower yardarm on tower 1.
- Test OCFD with non-metallic guys.
 - Then, either keep, relocate or replace OCFD.
- Build and Install the additional HF dipoles.
- Update antenna patch panel Directory/Guide.

New Clubhouse Tool Storage. A new roll around tool chest and cabinet has been purchased. The smaller hand held tool box will be used for carrying a subset of the tools for roof antenna work or for Field Day.

Sale of Surplus Antennas in Storage. The three HF beams were sold at Hamvention®. There are additional antennas in the coal bin to sell. Chris has a carbon fiber HF antenna for a possible sale.

Access Door to Roof. There is nothing significant to report on installation of the door. It was mentioned however that the keys/locks to the building are becoming difficult to work and Henry is discussing the matter with the school personnel.

Financial Report – Interim financial report through 06 June provided by treasurer Paul Sharp:

Fund	10-June-16	Income	Expenses	6 July-16
General				
Comm center				
Refreshments				
Repeater				
MVMA				
ALL FUNDS				

Future General Membership Meeting Program Suggestion: “Grounding” by Ken Moak. Ken also has a number of other topics that he is prepared to present in the future.

Membership Report. Paul Sharp reports that eight new members were recently registered bringing BARC membership count to 102 (98 Full Members + 4 Associate Members)

Field Day Report. Darryl is not present for a full field day report. It was noted however that there were 65 people attending the picnic dinner and 35 attending lunch. Paul recommends that a “teardown” crew be committed for future Field Days due to a shortage of help this year.

BARC 40th Anniversary Special Event and Open House. It was reported that 35-40 people attended the event and 25-30 contacts were made.

Lion’s Club Festival Parade. Don Parker discussed some of the parade logistics and personnel assignments.

Audio Amplifier, Mixer and Speaker Donation. Steve Siwecki reported that BARC member Lynn Rogers has donated a surplus amplifier, mixer and several speakers to the club. The speakers could be used for a clubhouse sound system (w/surround) benefiting Movie Night and club meetings. The amplifier and mixer could be used for the parade reviewing stand.

Adjournment. The President adjourned the meeting at 9:10 PM.

Please see below for:

- *BARC Calendar*
- *2016 Officers & Coordinators*
- *In the Event of an Emergency Situation*
- *Directions to the BARC Clubhouse*

BARC CALENDAR

(all times are local)

JULY 2016

02 Sa	BARC 40 th Anniversary Celebration Open House & Special Event Station
04 M	Happy Birthday BARC – 40 years old
07 Th	BARC Planning Committee Meeting 1930 BARC Clubhouse
09 Sa	MVMA--Miami Valley Mesh Alliance Meeting, 0930-1200, Location TBA
16 Sa	MVMA--Dayton Mini Maker Faire Carillon Park https://makerfairedayton.com/
21 Th	BARC Regular Monthly Meeting 1930 BARC Clubhouse
-----	NO GCARES Meeting This Month
-----	No MoCoARES Meeting This Month
28 Th	BARC "Dinner & A Movie" 1900 BARC Clubhouse

AUGUST 2016

04 Th	BARC Planning Committee Meeting 1930 BARC Clubhouse
11 Th	2 nd Thursday (Lions Festival on 18 th) BARC Regular Monthly Meeting 1930 BARC Clubhouse
13 Sa	MVMA--Miami Valley Mesh Alliance Meeting, 0930-1200, Location TBA
20 Sa	Bellbrook Lions Festival Parade Meet at 1430—Bellbrook Community Church Parking Lot—Ops on 147.405(s)
25 Th	BARC "Dinner & A Movie" 1900 BARC Clubhouse
27 Sa	Ohio QSO Party 1200-2400
29 M	GCARES Meeting, 1930, BTFD Station 1
30 Tu	Montgomery County ARES Meeting, 1900, Red Cross Dayton Area Chapter

REGULARLY SCHEDULED NETS

Daily (Sunday through Saturday)	1030, 1615 and 1845 <u>Ohio Single Sideband Net (OSSBN)</u> Primary: 3972.5 KHz LSB Alternates: 3968 & 7272 KHz LSB
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Sundays	<u>1900 Newcomers & Elmers Net</u> (Cincinnati) 146.670 (-) (123.0 PL)
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Sundays	<u>2000 BARC Weekly Net</u> 147.045 (+) (no PL) [Alt = 443.675]
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Sundays	<u>2100 Miami Co. Voice/Data Net</u> (Data Net follows Voice Net) 145.230 (-) (no PL)
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Tuesdays	<u>1900 Ohio ARES HF Net</u> W8SGT Net Control at OEMA HQ Primary: 3875 KHz LSB Alternate: 7240 KHz LSB
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Tuesdays	<u>2000 Ohio Digital Emergency Net</u> Primary: 3580 KHz USB Alternate: 7072 KHz USB
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Tuesdays	<u>2000 MoCoARES Weekly Net</u> 146.640 (-) (123.0 Hz PL) (<u>Except</u> —No Net on last Tuesday of even months (MoCoARES meeting)) (<u>Except</u> —On 2 nd Tuesday: Voice and Data Net on 444.250 (+) (123.0 PL))
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Tuesdays	<u>2100 GCARES Net</u> (Voice/Data/Mesh) 146.910 (-)(no PL) [Alt = 442.725]
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Wednesdays	<u>2000 Ohio District 3 ARES Net</u> (West Central Ohio Regional Net) 145.110 (-) (67.0 Hz PL)
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Wednesdays	<u>2000 Beginners Net</u> (Dayton Area) 444.87 (+) (94.8 PL)
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YOUTH PROGRAM COORDINATOR

OPEN

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In the event of an actual, anticipated or potential emergency situation,

MONITOR (or ACTIVATE)

a Greene County
Information & Alerting Net
on 147.165 MHz (Alt: 147.045)

Directions to the

BARC Clubhouse and Communications Center

The BARC Clubhouse
& Communication Center
Rooms 1 & 3 Lower Level
Sugarcreek Elementary School
51 S. East Street, Bellbrook
(One block east & one block south
from the traffic light
in downtown Bellbrook —
Enter at South end of building)