



# Bergen Amateur Radio Association

# BARA Bulletin

June 2017

Volume 54 Number 6

*Our 54th Year*

[www.BARA.ORG](http://www.BARA.ORG)

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## June 24 and 25

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. Each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

BARA will operate Field Day from the Cresskill town recreation area, 100 3rd St., Cresskill, NJ.

*(Continued on page 3)*

## President's Message

The May 27th. BARA Hamfest was one of the best we have had at the Westwood HS location. I would like to thank everyone who volunteered their time to come and help at the Hamfest.

Our June meeting will be devoted to Field Day and a presentation on the N1MM logging software we use at Field Day.

We will have a Field Day signup sheet at the meeting.

73,  
Jim, K2ZO

## ARRL June VHF Contest

The ARRL June VHF Contest takes place on June 10 and 11. The contest begins at 1800 UTC (2:00 PM EDT) Saturday runs through 0259 UTC Monday (10:59 PM EDT on Sunday).

**BARA will NOT operate K2BAR from the Nike Park.**

The VHF Contest is one of a small group of contests that permit club members to aggregate their scores for a total Club Score.

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## Northern New Jersey Section Manager Election Results

Steven Ostrove, K2SO (incumbent), received 307 votes. Rob Roschewsk, KA2PBT, received 399 votes.

Rob, KA2PBT, of Washington, New Jersey, has been declared elected. His two-year term of office starts July 1, 2017.



## June Meeting Program

- ◆ Discussion of BARA Field Day plans.
- ◆ Presentation of N1MM+ logging program used for Field Day.
- ◆ Review of VHF Contest participation for individual members.

**PUBLIC SERVICE****BC RACES NET**

2<sup>nd</sup> and 4<sup>th</sup> Wednesdays of each month.  
 7:45 PM on the W2AKR Repeater  
 146.790 MHz; PL 141.3 Hz.  
 Net control is NJ2BC  
 Directed training net for all authorized  
 Bergen County RACES stations and  
 authorized liaison stations.

**BC RACES****Communications Unit**

Any licensed ham operator in Bergen County, if not already a member, is asked to join the BCRACES team by sending an e-mail to:

**bcraces@bcoem.org**

with your name, callsign, e-mail, and municipality.

**New HF Digital Net**  
**Focused on EMCOMM**

The New Jersey Narrow Band Emergency Messaging System (NJ-NBEMS) Net meets every Sunday Morning at 9:30 AM on 7.073 MHz using OLIVIA-8-500. This net is NOT affiliated with RACES or ARES, so any Radio Amateur with appropriate operating privileges may participate.

FLDIGI is the preferred sound card software because FLAMP and FLMSG are used for message handling. This is a training net for new users, so operator error is expected and well tolerated.

For additional information contact Bill, KC2VUT at arrl.net, Rick, N2PHI at comcast.net or Karl, W2KBF at arrl.net.

**VE EXAM SCHEDULE**

The next Ham License test session is scheduled for:

**June 16**

**at**  
**Township of Washington**  
**Senior Center**  
**7 pm**

The FCC has imposed a Testing fee of \$15.00 per exam/retest.

**Required documents:**

- Two forms of ID required for all transactions.
- Social Security Number if unlicensed or **FRN** Number if licensed.
- Original CSCE if prior test credit is claimed.
- If license upgrade, a signed copy of current FCC license

Calculators are permitted, iPhones and iPads are not permitted.

**Questions may be directed to:**

Don Younger, W2JEK  
 201-265-6583

**Question Pool Revision:**

**The Extra exam question pool was revised on July 1, 2016.**

**Current Question Pool:**

Technician, Element 2-July 1, 2014  
 General, Element 3 - July 1, 2015  
 Extra, Element 4 - July 1, 2016

Practice tests and study guides available at QRZ.COM.  
[www.qrz.com/hamtest](http://www.qrz.com/hamtest)

**Link of the Month**

An introduction to basic Field Day terms and logging using N1MM software.

<https://www.youtube.com/watch?v=s6wQK4c1s7M>

Tnx to K2AMI

**K2BAR NETS****SSB Net:**

**Mondays 9:00 pm**

10 Meters – 28.375 MHz  
 Net Control: Jim, K2ZO

**FM Nets:**

**Wednesdays 9:00 pm**

2 Meters: 146.79 MHz.  
 PL 141.3  
 Net Control: Dan, WA2CLP

**Thursdays 8:30 pm**

70 cm: 444.100  
 PL 141.3  
 Net Control: Marco, KC2ZMA

**Thursdays 9:00 pm**

**Technical Net**

Pearl River  
 NJ2BS Repeater  
 2 Meters: 146.835 MHz. (-600 kHz)  
 PL 151.4  
 Net Control: Gordon, W2TTT

## **BARA Meeting Minutes May, 2017**

Meeting called to order at 7:32 PM.

Minutes from the April minutes were approved (Bill WA2JKY, Jim K2FJ).

### **Treasurer's Report:**

David K2DSL provided current account balance. Report accepted (Warren K2UFM, Larry WA2ALY).

### **President's Report:**

Jim K2ZO reported that the Foxhunt on May 13 went well, even though no teams located the fox.

The Hamfest is May 27. In the event of rain, we may try to postpone the event until the following Saturday. Details will be on the BARA website.

Portable Day is May 13. Location is at Memorial Field in Fair Lawn.

**Net Reports:** Jim K2ZO reported that the 10 meter and 2 meter are OK. Gordon W2TTT stated that the tech net is going very well.

### **Old Business:**

K2ZO restated the need for BARA to purchase a new sound system that was discussed at the December 2016 meeting. In addition to club activities, the sound system would be used at town events where Jim represents BARA.

A motion was made by Bruce WG2Y to purchase a new sound system, in the amount of up to \$400.

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Details will be discussed at the Business Meeting on June 4th. Please attend and sign up for a specific task. Tasks include station operators/loggers, site setup and takedown, moving equipment to/from the BARA garage, cooking, providing food and water. In addition, there are opportunities to earn bonus points for various activities. Bonus points add to the QSO total points for a club score and require minimal physical activity.

BARA stations will use the N1MM+ logging program. A presentation will be given at the June business meeting on the use of N1MM+ for Field Day. Also please see the following link to a Utube presentation on basic Field Day operation and logging.

<https://www.youtube.com/watch?v=s6wQK4c1s7M>

### **The Field Day bonus point available are:**

**Media Publicity:** 100 bonus points may be earned for attempting to obtain publicity from the local media. A copy of the press release, or a copy of the actual media publicity received (newspaper article, etc.) must be submitted to claim the points.

**Public Information Table:** 100 bonus points for a Public Information Table at the Field Day site. The purpose is to make appropriate handouts and information available to the visiting public at the site.

**Message Origination to Section Manager:** 100 bonus points for origination of a formal message to the ARRL Section Manager or Section Emergency Coordinator by your group from its site.

**Message Handling:** 10 points for each formal message originated, relayed or received and delivered during the Field Day period, up to a maximum of 100 points. A person is needed to be available in the public area from 2 PM to 5 PM on Saturday to accept messages from members and non members for later transmission into a traffic net.

**Satellite Operation:** 100 bonus points for successfully completing at least one QSO via an amateur radio satellite during the Field Day period.

**Alternate Power:** 100 bonus points for Field Day groups making a minimum of five QSOs without using power from commercial mains or petroleum driven generator.

**W1AW Bulletin:** 100 bonus points for copying the special Field Day bulletin transmitted by during its operating schedule during the Field Day weekend.

**Educational activity bonus:** 100-point bonus may be claimed if your operation includes a specific educational-related activity.

**Site Visitation by an elected governmental official:** 100-point bonus if your site is visited by an elected government official.

**Site Visitation by a representative of an agency:** 100-point bonus if your Field Day site is visited by a representative of an agency served by ARES in your local community (American Red Cross, Salvation Army, local

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## BARA BULLETIN

The BARA Bulletin is published monthly by the Bergen Amateur Radio Association. Subscriptions are included in the annual membership dues. Membership is open to anyone interested in radio communication.

## BARA RESOURCES

### QSL Bureau:

Warren Hager, K2UFM

### Public Service:

### Club Contesting:

Phil Barber, WA2LXE

### VE Exams:

Don Younger, W2JEK

Donnan917'at'aol.com

### Hamfests:

Jim Joyce, K2ZO

### Webmasters:

wm'at'bara.org

Tony Izzo, K2AMI

David Levine, K2DSL

## MEMBERSHIP APPLICATION

Interested in learning more about amateur radio and meeting new people? Then join the Bergen Amateur Radio Association (BARA). Dues are \$25 per year. Send your application request to:  
David Levine, K2DSL  
11 Mackay Ave.  
Waldwick, NJ 07463  
e-mail to k2dsl'at'arrl.net.  
Please include your name, address, town, zip, call sign, license class, and phone number.

### Upcoming Events

**June 4 - BARA Business Meeting**

**June 6 - No Kit Night**

**June 10, 11 - ARRL VHF Contest**

June 13 - Kit Night

June 16 - FCC License Exam Session

June 20 - Field Day Walk Thru ?

**June 24, 25 - ARRL Field Day**

June 27 - Kit Night

**July 2 - BARA Business Meeting**

## BARA KIT NIGHT

7:00 PM to 9:30 PM

Township of Washington Senior Center  
350 Hudson Ave., Township of Washington, 07676

- ◆ Build a kit related to Amateur Radio (partial BARA funding available)
- ◆ Diagnose/repair a defective piece of equipment
- ◆ Discuss radio and computer problems
- ◆ Technical assistance available
- ◆ Seek/give technical opinions

## Welcome New Members

Joselito Yapchulay, KD2NFU - Jersey City  
Lpui Evangelista, KD2NPA - Hewitt  
Keith DiPeri - Cliffwood  
John Fairola - Belleville  
Aram Vlahogiannis, K1RKX - Rutherford

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Emergency Management, law enforcement, etc.) as the result of an invitation.

**GOTA Station:** This station permits non-licensed individuals to make contacts under the supervision of the GOTA Coach. 20 bonus points are earned for every twenty QSO's up to a maximum of 500 points.

**GOTA Coach:** The GOTA Coach supervises the operator of the station, doing such things as answering questions and talking them through contacts, but may not make QSOs or perform logging functions. The GOTA Coach is the Control Operator and must hold a General or Extra Class license. 20 bonus points are earned for every 20 QSO's made by GOTA operators, up to a maximum of 100 points.

**Web submission:** A 50-point bonus may be claimed by a group submitting their Field Day entry via the [www.b4h.net/cabforms](http://www.b4h.net/cabforms) web site.

**Field Day Youth Participation:** A 20-point bonus (maximum of 100) may be earned by any Class for each participant age 18 or younger at your Field Day operation that completes at least one QSO.

**Safety Officer Bonus:** A 100-point bonus may be earned by having a person serving as a Safety Officer for those groups setting up Class A stations. This person must verify that all safety concerns on the Safety Check List (found in the ARRL Field Day Packet) have been adequately met.

**Social Media:** 100 points for promoting your Field Day activation to the general public via an active, recognized and utilized social media platform (Facebook, Twitter, Instagram, etc).

Field Day is only a month away, but with some thought and preparation earning this bonus points can become manageable tasks. For example, staffing a table on Saturday afternoon to accept messages from members and the public. These will be entered in to a traffic network later in the afternoon.

**For more information on bonus points or to volunteer to help earn bonus points, contact Phil, WA2LXE.**

## Sussex County Hamfest

Sunday July 16, 2017

At the Sussex County Fair Grounds  
37 Plains Road Augusta, NJ 07822

For more information see:  
<http://www.scarcnj.org/hamfest.html>

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Jim W2JC seconded the motion. A vote was taken, and the motion was passed.

### VHF Contest:

Tony K2AMI talked about the fees for the NIKE base. A brief discussion was held regarding the fees vs. the number of members who would participate. Tony will convene with the technical folks who have been involved with this contest to determine if the event can / should take place at the NIKE site this year.

### Show & Tell -

Members showed off ham radio and other types of equipment that they had built and/or recently tested.

Respectfully submitted,  
Susan, WA2ZZ  
Secretary

## From the ARRL ...

### FCC AND OSHA RELEASE COMMUNICATIONS TOWER BEST PRACTICES GUIDE

The FCC and OSHA have announced the release of a free publication, **Communications Tower Best Practices Guide**.

While aimed more at those who tend commercial communication towers, the guide offers guidance applicable to the Amateur Radio community and contractors working on Amateur Radio antenna support structures. The FCC said the guide was a result of two tower safety workshops.

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Please consider operation from your home or mobile radio.

The objective is to work as many amateur stations in as many different grid squares as possible using authorized frequencies above 50 MHz. The exchange is your grid square.

K2AMI usually operates a high power station from his QTH. He may use the callsign K2BAR.

SSB operation will be on 50, 144, 222 and 432 MHz.

FM operation will be on 146.580, 223.500, and 446.000 simplex.

If you operate mobile you are considered a "Rover" station and you should indicate "rover" after your call. Log rover stations as callsign/R. **Rover stations may work** the same stations multiple times, once for each originating grid square.

Stations operating Rover in this area have the opportunity to operate from four grid squares in about a five mile route in River Vale.

**On this route contacts may be** made from grid Squares FN20, FN21, FN30 and FN31. Directions for the four grid loop are:

START at the intersection of Westwood Ave and Rivervale Rd in Rivervale, NJ (FN20).

Go NORTH on Rivervale Rd. (enter FN21 at about 0.5 miles). In 1.3 miles turn RIGHT onto Old Tappan Rd (enter FN31 at about 0.6 miles).

In 1 mile turn RIGHT onto Washington Ave.

In 0.5 miles turn RIGHT onto Westwood Ave (enter FN30 at about 0.3 miles)

In 0.9 miles Westwood Ave turns right

Continue on Westwood Ave for 0.7 miles to starting point (enter FN20 at about 0.4 miles).

See map on Page 7

A repeater may NOT be used to make calls or schedule calls during the contest.

See : <http://www.arrl.org/june-vhf> for complete contest information.

The logging requirements for the contest or minimal. For each contact record the date, UTC time, your grid square, the received grid square, and the received call sign. Note, the date is based on the UTC clock. If you are not familiar with submitting a log, send me the information and I will format a log and submit it for you. A log in Excel format is preferred, but a text or paper log is acceptable. If you submit your own log to the ARRL please include "Bergen ARA" as the club name.

- de WA2LXE

## Ham Humor...

### Confused Hams Show Up To Hara

**DAYTON, OHIO** — The Dayton Hamvention has moved on to bigger and better things in the Greene County Expo Center, but some hams aren't ready to quit old Hara Arena just yet.

Hara Arena, which has hosted Hamvention since seemingly the dawn of time, had grown ratty and fell into disrepair. The Dayton Amateur Radio Association finally made the bold but necessary move to a newer, better location, but some hams seem to be stuck in old habits.

"I showed up at 4:30 a.m. here at Hara just like I do every year," said ham operator Boyd Flauderson, 78, from the Hara parking lot. "You gotta get here early to get in line for the scooters," he shared.

"The Hara flea market is a little smaller than last year," noted Rodrick Aarent, 93, who had just arrived on a red-eye flight from his home country of Scotland.

When informed that Hamvention was no longer at Hara, the steadfast attendees seemed skeptical.

"I've already sold two of these Hammerlund amps this morning. I've never heard of the Greene County Expo Center. I'm staying right here at Hara," remarked an unshaken parking lot vendor. "Hamvention not at Hara... ha! Next you're going to tell me that the FCC is going to drop the Morse requirement—not going to happen, pal!"

"I'm not sure where the food vendors are this year," questioned entrepreneurial ham Larry Smalls. "But I've started selling Bud Light for \$10 a piece from the cooler in my mobile."

Dayton Police were called to Hara to address the apparent trespassers, but Dayton Officer Mike Lowry ended up chatting with a VE that had set up a pop-up test session. The officer decided to sit for his Technician's exam.

As of press time the event was going strong at Hara, seemingly without most hams noticing any change.

### HamHijinks.com



## MEMBER REPORTED CONTEST SCORES SUBMITTED FOR AGGREGATE CLUB SCORE

### New England QSO Party

	Power	Mode	QSOs	Points	Mults	Score
<b>K2ZC</b>	QRP	CW	79	158	35	5,530

### CQ WPX Contest - CW

	Power	QSOs	Points	Prefixes	Score
<b>W2AW*</b>	Low	770	1625	496	806,000
<b>W2JEK</b>	QRP	9	13	9	117

\*Operated by N2GM - Single band, 20 meters

## FLAG DAY - June 14

With the admission of Vermont and Kentucky as the 14<sup>th</sup> and 15<sup>th</sup> States, two stars were added to the US Flag for a total of 15. This flag was to last 23 years. It is known as the Star Spangled Banner because it was the flag that flew over Fort McHenry and was immortalized by Francis Scott Key.

**How many stripes did this flag have?**

## FOR SALE

I was contacted by an old friend who is leaving NJ. He would prefer to sell the whole lot in one fell swoop. Here's what he's selling:

- \* Icom IC-7000 HF/VHF/UHF (all mode, 100w transceiver)
- \* Icom PW1 Kilowatt linear amplifier
- \* Heil PR-40 microphone and broadcast holder and foot pedal
- \* Icom 208H VHF/UHF Plus transceiver power supply and a Diamond X300 antenna
- \* Icom SP23 Speaker
- \* DL5K Dummy load
- \* Cushcraft R8 Antenna Vertical antenna

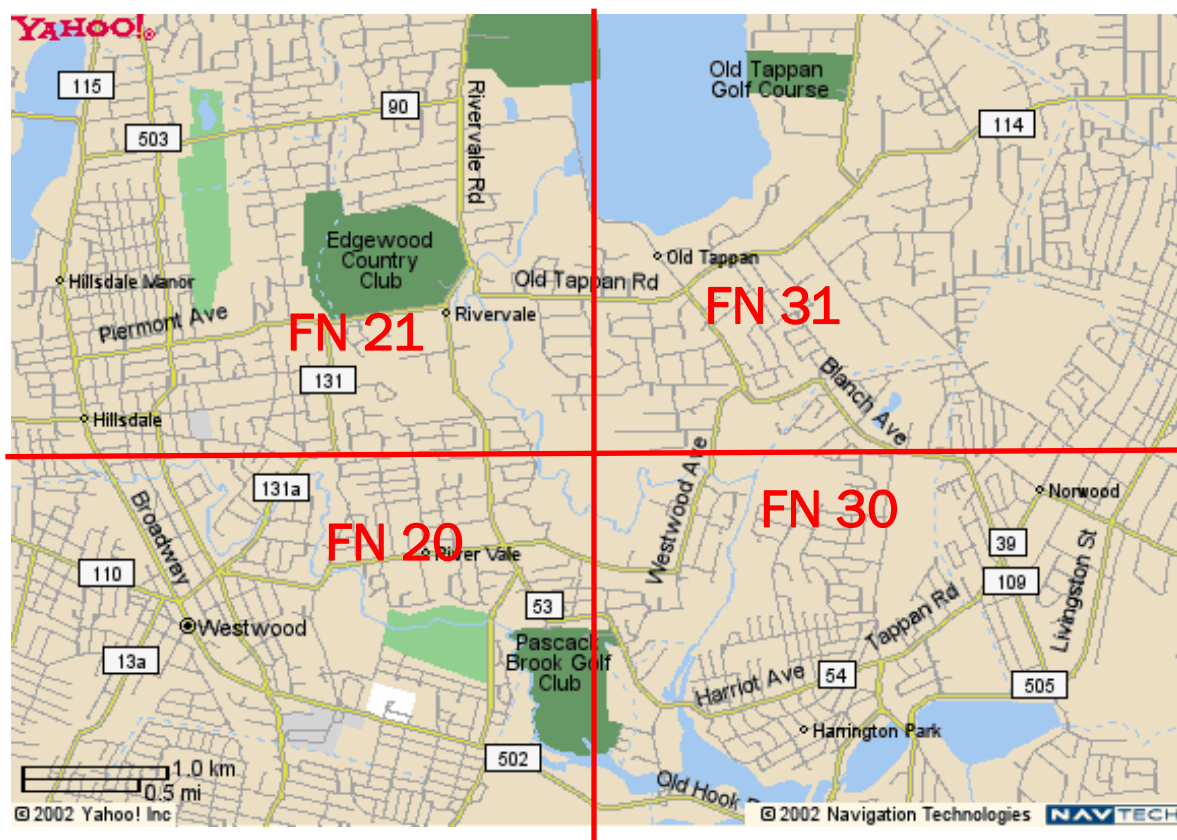
This is a great opportunity for someone to acquire a first-rate station....please contact Tom Morrison K2TCM directly for any additional details.

email: [ibtm@aol.com](mailto:ibtm@aol.com)

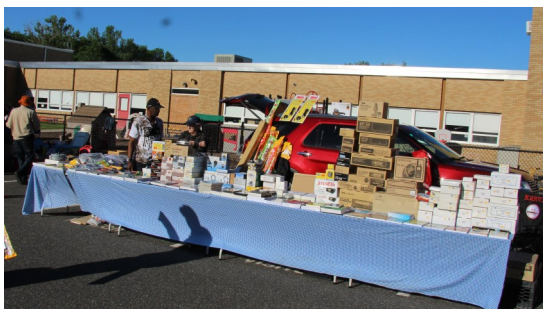
photos: <https://www.qrz.com/db/K2TCM>

de N2SHO

## Four Grid Square Loop







**BARA Hamfest  
May 2017**





Next Business Meeting  
Sunday, June 4th  
at the  
Twp. Of Washington  
Senior Center

***President***

Jim Joyce, K2ZO  
K2ZO 'at' ARRL.NET

***Vice-President***

Tony Izzo, K2AMI  
K2AMI 'at' ARRL.NET

***Secretary***

Susan Barber, WA2ZZ  
WA2ZZ 'at' ARRL.NET

***Treasurer***

David Levine, K2DSL  
11 Mackay Ave.  
Waldwick, NJ 07463  
K2DSL 'at' ARRL.NET

***Trustees***

Bennett Norell, KO2OK  
KO2OK 'at' ARRL.NET

Gordon Beattie, W2TTT  
W2TTT 'at' ATT.NET

Chuck Lemken, KC2SST  
CLEMKEN 'at' HOTMAIL.COM

***BARA Bulletin***

Phil Barber, WA2LXE, Editor  
WA2LXE 'at' ARRL.NET

***Presidents Emeritus***

Bill James, WA2QHL - SK  
Dominick Interdonato, NB2F - SK  
Steve Mendelsohn, W2ML - SK



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