



Mid-Atlantic Amateur Radio Club

www.marc-radio.org

P.O. BOX 557
EAGLEVILLE, PA
19408

REMARCS

Next Meeting: Aug 20, 2013 at 7:30 PM

Jul/Aug 2013

MARC Holds Another Successful Field Day Operating W3NWA



The annual ARRL Field Day was held this year on June 22-23, 2013. Once again MARC participated at the usual site at the Lower Providence Fire Company pavilion at Ridge Pike and Mount Kirk Avenue, Eagleville, PA. The weather cooperated again this year as there was no rain in sight and the temperatures weren't scorching. We were very lucky because immediately after Field Day, the area fell into a very wet spell with heavy rain just about every day for a week and a half. The Philadelphia area set a new all-time record for rainfall in June.

Again this year we were entered in the class 2A category with a separate VHF station and a GOTA station (Get-On-the-Air). We started setup at around 11:00 AM on Saturday morning and were on the air shortly after the official start time for the event at 2:00PM. Thanks to **Ron Kenwood W3ZV** and **Bob Palin N3JIZ** for transporting the equipment from **Dennis Silage K3DS** and Bob Palin's homes.

One of our antennas was a G5RV strung between two unused towers at the fairgrounds up about 40 feet. Thanks to **Ron Kenwood W3ZV** for stringing pulley ropes on the towers ahead of time making it easy to erect the antenna. Ron used the EZ-Hang slingshot system to shoot the ropes over the tops of the towers.

Our second main antenna was a three-element tribander mounted on a push-up pole braced against the pavilion at the fairgrounds. The antenna was placed on a Yaesu Rotator. For our 6-meter station we erected a four-element quad on a push-up pole in the field just outside the pavilion. This antenna also had a rotator and had to have three guy lines. Note for next year: test the rotator before extending the push-up pole to its full height. We forgot that step this year and

later found out that the rotator didn't work. Of course we managed Ok with the traditional "armstrong" method of antenna rotation.



Erecting the 6-Meter Quad



Doug NE3U Helping Erect the G5RV

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Jim K3RTU 'Supervising' the Setup



Jim K3RTU and Yak N3MQM Placing Beam into Rotator – Bob N3JIZ Handing Tools



Steve KD3WK, Ron W3ZV, Sal NC3U and Bob N3JIZ Securing the Mast for the Beam

For the GOTA station, we used hamsticks mounted on an Alpha-Delta tripod mount that couples to ground. The main use for the GOTA station was to demonstrate amateur radio to twelve Boy Scouts that were invited to attend for Radio Merit Badge training. For the formal classroom session we were able to use a classroom inside the Fire Company's main building. **Steve Werner KD3WK and Doug Wilkens NE3U** led the class session. After the classroom session, the scouts

MARC Info

wb3joe@marc-radio.org
<http://www.marc-radio.org>

MEMBERSHIP MEETINGS -

3rd Tuesdays, 7:30 PM (Doors open at 7:00 PM)
Council Room (large room in the front) of the
Tredyffrin Township Municipal Building, 1100
DuPortail Road, Berwyn, PA 19312-1079.
Guests Welcome, Smoke Free, Handicapped-
accessible.

BOARD MEETINGS -

2nd Tuesdays of even months, 7:00 PM
Paoli Hospital, Willistown Meeting Room, Paoli, PA.
Members may attend as observers.

WB3JOE REPEATERS (CTCSS or PL = 131.8 hz) -
145.130 - / 147.060 + / 147.360 + / 224.420 - / 224.5 -
/ 445.675 - / 444.050 -

The 145.13 and 147.06 2-meter repeaters are linked. The
147.36 MHz, the 224.50 MHz and the 444.050 MHz
repeaters are linked.

WEBMASTER -

Dennis Silage K3DS
k3ds@marc-radio.org 610-353-4829

2-METER NETS -

Club Net, Sundays and Wednesdays, 8:30 PM
Roundtable Net, Thursdays, 8:30 PM

These nets occur on linked 145.13 - / 147.06 + Repeaters

NET MANAGER -

Brenden McNeil W3VD
w3vd@marc-radio.org 302-319-3536

NET CONTROL OPS -

Alan K3WWT, Bob N3JIZ, Steve N1HDP, Miguel
KC2HMG, Yak N3MQM, Rob KB3WIR, Brenden W3VD,
Mike WB2UQV and Bob WB3T

DUES - Payable at the March Meeting

\$15 Full (licensed Amateurs)

\$5 Associate (unlicensed persons)

Family rate \$5/ham - after first member pays full
dues

NEWSLETTER -

The REMARCS editor is Steve KS3K

610-662-2768 ks3k@marc-radio.org

Do you have anything for REMARCS?

Please let me know.



came out to see our operation in action and to get a chance to be on the air themselves. One scout, Marcus Gomez, was not microphone shy and actually made two QSOs on 15 meters under the supervision of control operator **Jim Perry KJ3P**. All 12 scouts qualified for their Radio Merit Badges. This training served two purposes. Besides the valuable training for the scouts, MARC was able to claim 100 bonus points for an Educational Activity on our Field Day submission.



Explaining the Antennas to the Scouts

Since Marcus was under 18 years old, we were also able to claim 20 bonus points for youth participation. This was the first time MARC was able to claim these two sources of bonus points in many years.



Dieter K3DK Explaining Amateur Radio to Visitors

Thanks to **Steve Fortin WA3EYD** for loaning us his Kenwood TS-440s for use during Field Day. Thanks again to **Jim Goldman W3JG** for his earlier donation of his FT-847 to MARC. These two rigs plus the one already owned by MARC (another TS-440s) still left us one rig short. **Steve Ikler KS3K** was able to drive home to pick up his Icom IC-718 for use as the GOTA station and a backup rig.

MARC Board of Directors 2012-2013

PRESIDENT

Steven Werner KD3WK

kd3wk@marc-radio.org 610-574-6836

VICE PRESIDENT

Stephen Ikler KS3K

ks3k@marc-radio.org 610-662-2768

SECRETARY

Sam Marandola NC3U

nc3u@marc-radio.org 610-306-2817

TREASURER

Lou Ruh WX3I

wx3i@marc-radio.org 610-630-9146

PUBLIC SERVICE

Bob Palin N3JIZ

n3jiz@marc-radio.org 610-687-4587

TECHNICAL SERVICE

Dennis Silage K3DS

k3ds@marc-radio.org 610-353-4829

MEMBERSHIP SERVICES CHAIRMAN

Chris Ruhl N3GBJ

n3gbj@marc-radio.org 484-494-7572

PUBLIC RELATIONS CHAIRMAN

Jim Biddle W3DCL

w3dcl@marc-radio.org 610-353-0880

PROGRAM CHAIRMAN

Richard Russo KB3VZL

kb3vzl@marc-radio.org 610-539-2999

MEMBERS-AT-LARGE

To 9/30/2012 -

Doug Wilkens NE3U

ne3u@marc-radio.org 610-692-6819

To 9/30/2013 -

Brenden McNeil W3VD

w3vd@marc-radio.org 302-319-3536

CALLSIGN TRUSTEES

- WB3JOE

Dennis Silage K3DS

k3ds@marc-radio.org 610-353-4829

- W3NWA

Dieter Hauer K3DK

k3dk@marc-radio.org 610-489-1920



Ned WQ3Z Operating Phone



Dieter K3DK Operating CW



Jeremy N2ZLQ Operating VHF



Steve KS3K Operating Phone

In past years we were concerned about the noise from our power generators. So this year we secured Honda generators from the Fire Company and from **Anthony "Yak" Yakonick N3MQM**. These generators were so quiet that you could hardly hear them working.

As usual **Lou Ruh WX3I** provided the laptops for logging. Thanks, Lou, for setting up the computers; even if we didn't network them together.



Rich KB3VZL



Yak N3MQM and Dennis KA3QOT

Prior to Field Day, Jim Biddle W3DCL sent out press releases to various media outlets. Thanks to Jim's efforts, we were able to claim the 100 bonus points for media publicity. Thanks go out to **Dieter Hauer K3DK** for recording and transcribing the ARRL CW Field Day Bulletin. That allowed us to claim another 100 bonus points.

This year, Field Day was combined with a new event; the MARC Picnic. Members, their family members and guests were all invited to partake of the food and drink available at the site. To handle this additional work, **Yak Yakonick N3MQM** volunteered to be our Food Captain. Yak did a great job and we had plenty of drinks, snacks and food to satisfy our hunger. Thanks also to Yak's helpers who brought ice, other snacks and went out on sandwich and pizza runs.



Lou WX3I and Steve KD3WK Sampling the Food and Drink
Lou isn't winking. He's wearing Google Glasses

After the event was over we counted up all the participants and all the QSOs. Fifty-four people attended the event of which fourteen were scouts. We managed to break the 500 QSO barrier with 503 total QSOs. Of that, 263 were on CW and 240 on phone. Our total score was 2302. Here is how we compare to recent years.

2012 Score: 1992
2011 Score: 2378
2010 Score: unknown
2009 Score: 1464
2008 Score: 1990

Our 2013 score is less than 2011 but higher than all other recent years.

2013 Scoring Summary for W3NWA (Class 2A EPA)

We were able to claim the following bonuses:
100% Emergency Power (100 X 2 stations = 200)
Media Publicity (100)
Set-up in Public Place (100)
Information Booth (100)
W1AW FD Message (100) (Thanks to Dieter K3DK for recording and transcribing the message)
Educational Activity (100)
Youth Participation (20)
Submitted using the web applet (50)
Total = 770

Total CW QSOs = 263 X 2 pts ea = 526 CW QSO Points
Total Phone QSOs = 240 x 1 pt ea = 240 Phone QSO Points
Power Mult = 2
Claimed QSO Score = 1532
Bonus Points = 770
Total Score = 2302

Band	Phone QSOs	CW QSOs
80	23	55
40	121	63
20	82	105
15	8	28
10	0	12
6	4	0
GOTA	2	0
Total	240	263

Thanks to all who participated.

73,
Steve Ikler KS3K
2013 MARC Field Day Captain

(Photos Courtesy of Yak N3MQM and Steve KS3K)

2013 MARC Hamfest

The 2013 edition of the annual MARC Hamfest and Computer Fair was held on July 7, 2013 at the Kimberton Fairgrounds, Kimberton, PA. Once again the weather gods smiled on us with another rain free morning. The hamfest ran smoothly under the direction of the Hamfest Coordinator, **Mike Pilotti KF3CD**.



Mike KF3CD Behind the MARC Club Table



Allan AB3FN and Ron W3ZV selling tickets

The turnout for this year's event was a little less than usual. This can probably be attributed to several factors all working against us. Our event was the day after the big hamfest in Harrisburg (Firecracker Hamfest). That event was also the Eastern Pennsylvania (EPA) Section Convention Expo. Our hamfest was during the long 4th of July Holiday. Our event was on the same day as the Murgas ARC Hamfest & ComputerFest in Wilkes-Barre, PA. The Roosters Picnic was

held on a different weekend so most of their members could not attend this year. And probably the biggest factor, the area was under a severe heat advisory. Three major vendors pulled out at the last minute thereby reducing our revenues somewhat.



Ned WQ3Z and Bob N3JIZ



Steve KD3WK and Steve KS3K

Notwithstanding all the factors keeping the turnout lower than last year, those that did attend had a great time. There was lively activity in the tailgating area and the indoor pavilion was also brisk with activity.



Tailgate area

For the first time in a long time we had an ARRL card checker. **Bill Dobson, N3WD**, was there to check QSL cards for the various ARRL award programs. Bill also represented the Third District Incoming QSL Bureau and sold envelopes for the incoming bureau (at cost). Thanks, Bill. We really appreciate your participation and hope to see you at our hamfest again next year.

Bob Lees W3ZQN again acted as our announcer to inform the attendees of the prizewinners. Bob also conducted a VE Test Session. Two candidates took advantage of the testing.



Bob W3ZQN at the MARC Club Table



Tailgater



73 and Thanks for Coming

(Photos Courtesy of Mike KF3CD and Steve KS3K)

The hamfest is the club's biggest fund-raiser of the year. Besides the leadership of Mike Pilotti, it takes many other volunteers to put on an event of this size. MARC thanks those that volunteered to help put on the event and those members and non-members who attended. MARC thanks Anro Printing for supplying the tickets and flyers for our hamfest.

Letter from the MARC President

Dear Fellow MARC Members:

I hope you are all enjoying the summer, despite the unbearable heat. Perhaps the heat is a good excuse to stay indoors and spend more time on the radios!!

Here's a quick rundown on our most recent activities and upcoming events:



MARC's New Banner



Bob N3JZ Parking Cars

MARC recognizes and thanks the following for their help:

Bob Palin	Dieter Hauer
Steve Werner	Ron Kenwood
Bob Lees	Mike Pilotti
Ned Smith	Anthony Yakonick
Andrew Pavlin	Josy Malebranche
Doug Wilkins	Allan Glaser
Bob Weiss	Rich Russo
Jim Smith	Jeremy Carlo
Sal Marandola	

- ✓ The MARC Field Day/Club Picnic was held on June 22/23. **Steve Ikler (KS3K)** was our Field Day Captain and **Yak (N3MQM)** was in charge of food. It was a great event. Approximately 40 club members attended. The final total was 2302 points and we beat our score in 2012, 2009 and 2008. Twelve boy scouts, and some of their parents, participated in the Radio Merit Badge program run by **Doug (NE3U)** and **Steve (KD3WK)** and all scouts successfully completed the program and earned the radio merit badge.
- ✓ July 7 was our Hamfest at the Kimberton Fire Company fair grounds. Attendance and proceeds were down a bit this year likely due to some competing hamfests and the very hot weather. Thanks to all club members who helped set up/take down, sell tickets and park cars.
- ✓ At our July club meeting, the presenter was **Michael LeBrun (N3OMR)**. Michael provided a slide presentation and demonstration of a hexacopter and he also set up an airplane simulator program, which we were all able to try. There were numerous crash landings but it was good fun for all and I suspect that there will be several club members who may have a new hobby. Our presenter for August will be **Ed Breneiser (WA3WSJ)** who will discuss 'pedestrian mobile.' Ed, who recently returned from a backpacking trip to Pike's Peak, will

share his adventure with us.

- ✓ Our September meeting will include our annual election of club officers and we will also have a talk by **Ed Dunlop (N3DJH)**. Ed's talk will cover the basic hardware & software used in the 802.11 Wi-Fi standards.
- ✓ We continue to meet socially for breakfast at the Country Squire Diner on West Chester Pike in Broomall. We meet on the second Saturday of the month at 9 AM.

Thanks again to all club members who help make MARC the success that it is.

73/Steve
KD3WK

President – Mid Atlantic Amateur Radio Club.

MARC Board Meeting June 11, 2013

Members Present

NC3U Sal Marandola
K3DS Dennis Silage
N3GBJ Chris Ruhl
KD3WK Steven Werner
KS3K Steve Ikler
WX3I Lou Ruh
KB3VZL Rich Russo
N3JIZ Bob Palin

Absent

NE3U Doug Wilkens
K3DK Dieter Hauer
W3DCL Jim Biddle
W3VD Brenden McNeil

Guest

WQ3Z Ned Smith

Meeting Started at 7:05 PM at Paoli Hospital. President **Steve Werner KD3WK** presiding.

Meeting Minutes from the April 9 Board meeting were accepted.

No Treasure's report submitted.

Discussion points:

- Field Day 14 members signed up
- Yak is still doing food
- Possible take-out for main food items
- 8 Boy Scouts to attend Radio merit badge session < **Steve KD3WK** will need help>
- HF radios are OK for Field day
- UHF/VHF radio will be supplied by **Sal NC3U**
- **Steve KD3WK** will store equipment after event

- 9:00 AM pick up at **Dennis's K3DS** house
- Canopy donated for use by **Rich KB3VZL**
- Mike Vereb and Senator John Rafferty will be contacted for visit
- Kimberton Fair volunteers needed July 25-27
- Hamfest volunteers needed July 7

Public Relations

Radnor parade was a success.

MOTION by Rich KB3VZL

The purchase of 25 Vests @ 14.95 plus the shipping from the ARRL.

Motion was voted on and was passed unanimously.

MOTION by Rich KB3VZL

The Purchase of 25 Hats @ 14.95 plus shipping from the ARRL

Motion was voted on and passed unanimously.

Ned WQ3Z

Ned gave a PowerPoint presentation of a possible increase in dues to be offset through participation in select club events. It was noted that the motivation for this was an effort to increase volunteer participation by club members. No motion was presented.

MOTION by Dennis K3DS

A \$5.00 discount will be granted to anyone who works 1 or more shifts at the 2013 Kimberton Fair. This discount will be used towards your 2014 dues. Only 1 discount per member.

Motion was voted on and passed unanimously.

Bob N3JIZ handed in a list of club equipment that he guards.

Meeting Ended at 8:30

Respectively Submitted,
Sal Marandola NC3U

MARC Announces Incentive Program to Encourage Members to Volunteer for Kimberton Fair

The Kimberton Fair for 2013 is later this week and volunteers are still needed. Once again, the Kimberton Fire Company has offered us free use of their fairgrounds for our Hamfest if we can provide them with volunteers for their fair. Volunteers are needed to collect parking donations as cars arrive and for selling ride tickets for the amusements. The ticket sellers sit in air-conditioned booths so regardless of the heat or

precipitation, they will be comfortable. We still need people to collect parking donations on Thursday and Saturday nights. Some members have offered to pull double shifts so more volunteers are needed to alleviate this heavy workload.

The MARC Board decided at the June 2013 meeting that we should reward those who participate in the Kimberton Fair by providing a \$5 discount in the following year's dues. This decision was taken because of the difficulty we have had in getting a sufficient number of volunteers and the fact that several club members in years past have worked multiple shifts - thus, we were able to fulfill our commitment to the fire company and avoid paying the \$900 fee for the use of the fairgrounds for our Hamfest. If you volunteer to help with the fair later this week and collect parking donations or sell ride tickets then your MARC dues for 2014 will only be \$10 instead of the usual \$15.

Anyone that wishes to volunteer should contact Mike Pilotti at kf3cd@arri.net.

VOX

MARC welcomes the following new members: **Simon Do (No Call)**, **Bill Northey (KB3TXB)**, **Mark Gennovario (K2MUF)**, **Karen Bellamy (KC3ACM)**, **Ronald Bellamy (KC3ACL)**, **Scott Bellamy (KC3ACK)**, **Walter (Bud) Fife (KC3ACB)**, and **Galen Hall (No Call)**.

Upcoming General Membership Meetings

August 20, 2013 - Pedestrian Mobile - Ed Breneiser WA3WSJ. Ed, who recently returned from a backpacking trip to Pike's Peak, will share his adventure with us.

September 17, 2013 - Ed Dunlop (N3DJH). Ed's talk will cover the basic hardware & software used in the 802.11 Wi-Fi standards. Also, we will hold the annual MARC election of officers and board members.

October 15, 2013 – Program TBD

MARC usually meets the third Tuesday of the month in the Large Meeting Room (in the front) of the Tredyffrin Township Municipal Building, 1100 DuPortail Road, Berwyn, PA 19312-1079. If unavoidable changes in the date or location of the MARC meeting is anticipated, the details will be announced on the Nets and posted on the Calendar.

Beginning at 7:30 PM and following a short round of introductions, announcements, Club reports and business, a lively technical program is provided. See the Calendar on the MARC website for details.

The schedule of Club meetings is interrupted in June because of Field Day and in December with a joyous MARC Holiday party. The current schedule of Club meetings and the topic of discussion is announced on the weekly MARC Nets.

Public Service Events

On Monday, May 27, 2013 MARC provided communications and Marshals for the Radnor Township Memorial Day Parade. Participating for MARC were: **Jim K3RTU**, **Bob N3JIZ (Net Control)**, **Dieter K3DK**, **Steve I. KS3K**, **Ryan KB3MPX**, **Floyd KA3OXA**, **Doug NE3U**, **Andrew KA3DDO**, **Beth KA3GKI**, and **Steve W. KD3WK**. **Ned WQ3Z**, a regular at this annual event, was unable to participate this year. This year we were able to participate in the parade itself as **Jim K3RTU** dressed up his car with flags and signs and drove in the parade with other units. This was great publicity for MARC and Amateur Radio.



L-R: Dieter K3DK, Steve W. KD3WK, Jim K3RTU, Doug NE3U, Floyd KA3OXA, Ryan KB3MPX, Andrew KA3DDO, Steve I. KS3K, Bob N3JIZ, and Beth KA3GKI

(Photo Courtesy of Dieter K3DK)

Hamfests and Contests

The following hamfests and contests will be held in the next two months.

Hamfests

New Jersey Antique Radio Club, Summer Swap Meet

Date: July 27, 2013

Location: InfoAge Science History Learning Center and Museum, 2201 Marconi Road, Wall, New Jersey; Garden State Parkway SOUTH to Exit 100, or North to Exit 98

Sponsor: New Jersey Antique Radio Club

Website: <http://www.njarc.org>

Opens: 8:00 AM, vendor setup 7:15 AM

Cost: \$5; Vendors \$20 per table (non-members \$25)

Expert antique radio repair available

Gloucester County ARC (GCARC) 50th Anniversary Hamfest

Date: September 15, 2013

Location: 4H Fairgrounds, Rt. 77, 2 miles south of Rt. 45 / Rt. 536, **Mullica Hill, NJ**

Sponsor: Gloucester County ARC

Website: <http://www.w2mmd.org>

Opens: 8:00 am (general), 6:00 am (vendors)

Cost: \$8, Non-ham spouse, kids free; Tailgate spaces \$5, Pavilion \$10, plus admission

VE Testing*: 9:00 am; Fee \$15

QSL Card Checking (DXCC, WAS, VUCC) at 11:30 am

Contests

RSGB IOTA Contest

1200Z, Jul 27 to 1200Z, Jul 28

Find Rules at:

<http://www.rsgbcc.org/hf/rules/2013/riota.shtml>

New Jersey QSO Party

1600Z, Jul 27 to 0400Z, Jul 28 and

1300Z-2000Z, Jul 28

Find Rules at:

http://www.k2td-bcrc.org/njqp/njqp_rules.html

10-10 Int. Summer Contest, SSB

0001Z, Aug 3 to 2359Z, Aug 4

Find Rules at:

<http://www.ten-ten.org/Forms/QSO%20Party%20Rules.pdf>

North American QSO Party, CW

1800Z, Aug 3 to 0559Z, Aug 4

Find Rules at:

<http://www.ncjweb.com/naqprules.php>

North American QSO Party, SSB

1800Z, Aug 17 to 0559Z, Aug 18

Find Rules at:

<http://www.ncjweb.com/naqprules.php>