CROSSTALK

Issue 56:10 56 Years Of Service To Our Community October 2015

2015 Club Officers

President :	**Jim Wright, N2GXJ**
Vice President :	**Cory Sickles, WA3UVV**
Treasurer :	**Al Arrison, KB2AYU**
Recording Secretary :	**Sheldon Parker, K2MEN**
Corresponding Secretary :	**Ron Block, NR2B**

Trustees - 4 year term

Martin Wilt, W2ILT	***(2012-2015)***
Ray Martin, W2RM	***(2014-2016)***
Brian Jones, KD2BXD	***(2014-2017)***
Bob Demola, KD2GFL	***(2015-2018)***

Board of Directors - 3 year term

Jeffrey Garth, KC2WCS	***(2013-2015)***	**John Zaruba Jr, K2ZA**	***(2014-2016)***
Mark Townsend, W2OCY	***(2013-2015)***	**Chuck Colabrese, WA2TML**	***(2015-2017)***
Dan Tremolini, N2TXG	***(2014-2016)***	**Bill Price, NJ2S**	***(2015-2017)***

This Month's Calendar…

General Membership Meeting
Wednesday, October 7, 2015 @ 1930 Hours
Pfeiffer Community Center

VE License Testing Session
Thursday, October 8, 2015 @ 1900 Hours
Franklin Township Public Library
Gary Reed, N2QEE
glreed49 <*at*> verizon <*dot*> net

Tech Saturday Forum
Saturday, October 10, 2015 @ 0900 Hours
GCARC Clubhouse

GCARC 2M Ragchew Net
Thursday, October 15, 2015 @ 2000 Hours
147.180 MHz Repeater

Board of Directors Meeting
Wednesday, October 21, 2015 @ 1900 Hours
GCARC Clubhouse

GCARC 11: 00 am Brunch
Every Friday @ The Seven Star Diner
1890 Hurffville Road, Sewell, NJ

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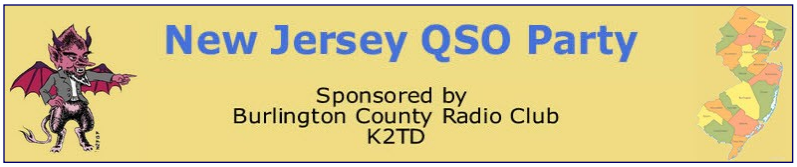
President's Message

Last month, the question was "Are you ready for a September to remember?" Well, how'd it go for you?

Let me start with a big thank you to everyone who is reading this that joined us in South Jersey's Biggest Hamfest on Sunday morning, September 13th. This event has become somewhat of a tradition amongst our local ham communities, offering not only a chance to swap gear, but also an opportunity to meet with fellow hams and radio operators from around the entire Tri-State area. Some may take it for granted, but we recognize that it takes considerable effort to put on a quality event of this magnitude. Please join me in thanking the Gloucester County Amateur Radio Club for hosting this event for all to enjoy! A full recap is planned for the October 7 club meeting.

If you would like to consider becoming a member of this club, you're always welcome to stop by at any of our club meetings, activities, or events. Our next club meeting is October 7 for a recap of this successful event (and more). After taking care of the business portion, we typically set aside social time to meet and greet, and then usually have a guest speaker or educational program for the evening as well. Directions to the Pfeiffer Community Center in Williamstown, NJ, where we meet from 7:30pm-9:30pm on the first Wednesday of each month, are available from the "About GCARC" page on our club's website, **www.w2mmd.org**. Hope to see you there!



Did you get a chance to play in the NJ QSO Party Sept 19 & 20? Rumor had it that sponsor station K2AA had a rover that was planning on a stop at the Red Bank Battlefield Park here in Gloucester County on Sunday. Anyone catch them? We'd like to hear from you at the October 7 club meeting too!

When this went to print, we were only a few days away from a historic visit from Pope Francis to our area. Numerous club members and amateur radio operators from our area were finalizing their preparations to provide support for this event. This included support to our served agencies, as well as K2P, special event station to commemorate the Pope's visit to the United States. Come on out to the October 7 club meeting to share some of your "behind the scenes" radio recap from this historic event.

President's Message - Continued on page 3

President's Message - Continued from page 2

In addition to recapping the September to remember, there is much happening in radio and in the club in October to look forward to as well. The MS City to Shore 2015 bike ride is October 3 and 4. As you heard at our September club meeting, if you've not signed up yet to help provide radio support – better get on that quick! There's a link from our web page to help.

National Multiple Sclerosis Society

And for some on-the-air fun, school radio clubs from around the nation will be on the air from October 19-23 as part of the ARRL's School Club Round-up. Join in if you'd like to help promote amateur radio for the next generation.

And it's been a little while since our last radio direction finding fox hunt…we've had some great fun with those in the past. Any interest in a Saturday morning October 31 "Spooky Signal Hunt"? We can talk about that at our next club meeting too.

Darrell, AB2E, reports that our club W2MMD license has been renewed for another 10 years. Thanks.

Respectfully,
Jim Wright, N2GXJ

**Hamfest Co-Chairmen Sheldon K2MEN and Bill NJ2S,
presenting the grand prize, a Yaesu FT-1DR HT to Joe Glessner N2YIR**

Down Jersey DXing

By Bill Grim, W0MHK

Up to middle September, I would give the HF bands a D+ for recovering from the poor conditions this summer. At this writing we are starting to see a little DX "life" on 15 Meters and a flash or two of DX spots on 12 Meters. What 10 Meters will be like as the Fall progresses is a big question mark. Will it come back and produce those wonderful easy QSOs to exotic places with a minimum of station and antenna? Keep listening and checking your favorite clusters to see how this seasonal and solar cycle plays out with one of our best DX friend's, 28MHz.

Checking back to your previous contacts during the same month in previous years can be revealing to understanding your DX hunting patterns. What DX did you work in October 2014, 2013, and 2012??? Do you notice more DX success to any particular parts of the world or on a specific band? Check the geography, time, and frequency of your DX QSOs. Look for patterns as to when you worked many of your logged DX and on what bands. And while you're back-checking, see if you did obtain the QSL card or digital confirmation from those DX contacts. I often wait a year before checking if confirmations were received and then decide whether to RE-QSL these pending QSOs.

From experience you will notice that certain areas of the world are tougher to obtain confirmations from than others. Africa, Latin America, Russia, and Eastern Europe are particularly prone to theft of incoming QSL envelopes with U.S. currency or foreign stamps inside them. LOTW and OQRS (On-Line QSL Reply Service) have helped to cut these losses, but they are not always an option for DX stations we have worked. Tips on better success rates on foreign mailed QSLs will be mentioned at a later date in this column.

The Chesterfield Islands should be first and foremost in our minds for early October. Check out an extensive article about Chesterfield in the "How's DX" section of your recent October QST. Plenty of background information including details about the TX3X trip are related. Other major DXpeditions for this month include: V73D in the Marshall Islands, D4D in the Cape Verdes, and 3W3MD in the rare and far away QTH of Vietnam. Plenty of stations, operators, modes, and bands should be workable. But even hearing Vietnam can be difficult and that's why a 20 operator event like this just needs to be noted and listened for. A low K index and a high solar flux reading would certainly help!

Don't forget to check out pre and post operations from DX stations operating in the CQ WW SSB CONTEST in late October. If you can't work them through the pileups in the contests, you might be able to sneak in a QSO before or after the big event takes place. Contest stations are always trying to work out "bugs" or check propagation routes before the contest begins. Remember the simple signal report and "Zone 5" exchange for those of us in SNJ. It's 48 hours of potential all-time new ones or new band countries for stations around the world.

Here we go with a watch-list for October. Hope you connect with some or all of the following:

Down Jersey DXing - Continued on page 5

Down Jersey DXing - Continued from page 4

CALL	DATES	HIGHLIGHTS	DIFFICULTY (5=MOST RARE)	ENTITY
TX3X	10/02 - 10/12	160-10M/Big Effort	4	Chesterfield Islands
S79SP	10/03 - 10/18	160-6M/Big Effort	3	Seychelles
KG4	10/09 - 10/23	160-6M/CW, SSB, RTTY, PSK	1	Gitmo
V73D	10/13 - 10/28	160-6M/Big Effort	3	Marshall Islands
XX9	10/16 - 10/28	40-10M/CW, SSB	4	Macau
D4D	10/17 - 10/24	80-6M/Big Effort	1	Cape Verde Islands
5J0B	10/17 - 10/27	160-6M/SSB, Digital	1	San Andres Island
PY0F	10/17 - 10/27	160-10M/CW, SSB, RTTY	2	Fernando de Noronha
	10/24 - 10/25	CQ WW SSB Contest - See NG3K ADXO for DX List of Stations		
3B7FA	10/20 - 10/31	20, 15, 10M/Mainly Digital	4	St. Brandon
T32DX	10/27 - 11/03	40-10M/Verticals	2	Eastern Kiribati Island
3W3MD	10/31 - 11/10	5 Stations/20 Operators	4	Vietnam

Credits : NG3K Announce DX Operations : www.ng3k.com/Misc/adxo.html

Welcome New Club Members:

Anthony Pitale, Jr, N2PKN, who is a returning member, he has a Amateur Extra Class License and lives in Pitman, NJ.

John O'Connell, K2QA, who has an Amateur Extra Class License and lives in Mount Laurel, NJ.

We are glad to have you as members of the Club and hope to see you regularly at Club events, activities, and meetings.

w2mmd.org

LIKE US ON facebook

www.facebook.com/W2MMD

Facebook Page

August 2015 SNJ Section Report

Sunday 9/13/15 is the 2015 Gloucester County Amateur Radio Club Hamfest, Gloucester County 4-H Fairgrounds, 235 Bridgeton Pike (Route 77), Mullica Hill, NJ 08062. Open to Sellers at 6AM - Open to the Public at 8AM with VE testing beginning at 9AM. DXCC – VUCC – WAS Card Checking begins at 11:30AM. Admission $8.00, Tailgaters $7.00, Table Space $10.00. More details at **www.w2mmd.org**.

Speaking of the GCARC Hamfest I plan to be there along with Atlantic Division Director Tom Abernethy W3TOM. Keep an eye out for us.

Saturday 9/19/15 is the Delaware Valley Radio Association Hamfest 8AM to 12PM, Vendor setup starting at 7:00AM, West Windsor Community Park, 165 Princeton-Hightstown Road, West Windsor. $7.00 General Admission, $15.00 per Table which includes 1 Admission (Vendors supply their own tables) More details at: **www.w2zq.com**

The New Jersey QSO Party will be held this year on September 19 & 20, 2015. Saturday 1200 (noon) EDST (1600 UTC) to 2359 EDST (0359 UTC) and Sunday 1000 EDST (1400 UTC) to 1600 EDST (2000 UTC). Rules and details at: **www.k2td-bcrc.org/njqp/njqp_rules.html**.

Hank KC2TA will be offering a CW Training Class. Tentative information (a minimum of five (5) participants must sign-up): Wednesday evenings at 1930 local for one (1) hour, Dates: November 4, 2015 through January 13, 2016, No class November 25 (day before Thanksgiving), Make-up dates: January 20 & 27 (if necessary), Location: 20 Bartram Avenue, Mount Holly, NJ 08060. Sign up required by 2100 local September 15, 2015. E-mail desire to attend to: **kc2ta52 <*at*> verizon <*dot*> net**. Include your name, e-mail address, and telephone and/or cell phone number. Those who have interest in taking the class will be notified of the outcome of the registration process by return e-mail, whether it is a GO or NO GO by Thursday, September 17th.

Your fellow hams still need your support for the Amateur Radio Parity Act of 2015 by sending letters to your Senators and Congress people. Asking them to co-sponsor S-1685 and HR-1301. Here is an online application that will help you generate the appropriate letters **www.rescue-radio.com/contactcongress**

Beginning Thursday, September 3, 2015, applicants will be able to file all vanity applications (new and renewal) without having to pay a regulatory fee. FCC decided earlier this year to eliminate the regulatory fee component for Amateur Radio vanity call signs because their costs exceed the amount collected in fees.

It is with deepest sadness and sympathy that I inform the Section that Ed Clark, W2KP, is now a Silent Key. Ed was a very active ham in our Section, belonging to several clubs. He was well known and will be well missed by all his radio colleagues.

SNJ Section Report - Continued on page 7

SNJ Section Report - Continued from page 6

On the evening of 8/6/15, I met with the members of the Holiday City Amateur radio Club. We were able to discuss Section activities and many other matters. **www.hcarc.us**

On 8/8/15 I participated in the Quarterly Section Manager's Teleconference.

I will be attending a Section Manager's Training Event at ARRL HQ the weekend of September 18th. I expect I will be able to bring a lot of fresh information back to the Section for improving activities and relationship with the National Organization.

N3MSS - The Annual Bike MS: City to Shore Ride is looking for hams interested in providing route communications support on October 3rd and 4th, 2015. If you can assist in the Operation that passes through our Section, please contact them at: **ms <*dot*> eventcommunications <*at*> yahoo <*dot*> com**.

73 de SKIP N2EI

ARRL Southern New Jersey Section
Section Manager: T J Arey, N2EI
n2ei <*at*> arrl <*dot*> org

The GCARC, not *just* a Club

By Al Arrison, KB2AYU

Yes, you know the GCARC is an Amateur Radio Club. However, did you know that the GCARC is also a Corporation? That's right, in 1959 the GCARC was incorporated in the State of New Jersey as a 501(c)(4) tax exempt, nonprofit organization. As such, the GCARC must follow certain rules and regulations. Generally, Corporations must have a Mission Statement, a Constitution and By-Laws, and a group of Officers and Directors.

Even though the GCARC is tax exempt, we must keep detailed records of our finances and file a report with the State of New Jersey and the IRS each year.

So, why am I telling you this? Well, it happens to be time to gather nominations for the election of GCARC Officers and Directors for 2016. Over the years, these positions have been filled by many dedicated Club members who have given of their time and talents to keep the Club on solid ground. Some members, like myself, have held positions in the Club for decades.

I would like to ask you a favor. Please consider running for a position as a Club Officer or Director. The main consideration in doing so is that you must be able to attend most of the Regular and Board of Directors meetings. While you could jump right in as President, a Directorship allows you to get a feel for things with less pressure. If you would like more information about what each position entails, don't hesitate to contact the current holder of said position. (The current Officers and Directors are listed in this and every Crosstalk Newsletter and on the Club Website, **www.w2mmd.org**). You can help guide the GCARC into the future!

Hamfest Highlights

Sheldon K2MEN writes:

We had a very successful event thanks to your dedicated efforts. It required a lot of work and personal sacrifice to achieve success together. Thank you very much not only on behalf of the club, but from me. There were quite a few aspects of the event I was not experienced enough to foresee. But, on each occasion, you picked up the ball and ran. That made me look good!

I would like to offer a special thanks to Bill Price who worked together with me during the preparations and on the day of the event. Bill's ideas and encouragement were invaluable.

The hamfest is a fundraiser which makes a huge $$ contribution to the club. Although I don't have the final numbers yet, it looks like we met or possibly exceeded expectations.

I hope everyone had a good time, too. Hopefully, we can do it all again next year!

Tom KE2ES writes:

Sheldon, K2MEN and Bill, NJ2S are to be commended for a job well done!

And special thanks to Michael, KB2UMJ for again furnishing and installing a "first rate" PA sound system. Like last year, I heard several favorable comments made by ticket holders that they could actually hear all the announcements wherever they were on the grounds.

Al KB2AYU writes:

The weather gods smiled upon us and thanks to that, and the great turnout of Club members, the GCARC put on another fantastic Hamfest!

Thanks to everyone who helped our Club carry on the tradition of holding the best Hamfest in the tri-state area.

I am especially glad to see newer Club members getting involved.

Mike KB2UMJ writes:

Please make sure to acknowledge Jay Carroll N2SVM and Miguel KC2HMG. Without Jay we wouldn't have had speakers in the back of the venue. Without Miguel, someone would have been standing around holding a pair of speakers at the main pavilion. He lent us a pair of speaker stands.

ARRL Ham Radio License Exam Practice Website
www.arrlexamreview.appspot.com

Tech Saturday Forum : October 10, 2015

By John Zaruba, K2ZA

The October 10, 2015 Tech Saturday Forum will feature a presentation by club member, Corresponding Secretary, lightning and grounding expert, and all-around nice guy, Ron Block NR2B.

He will begin by discussing the characteristics of lightning and how it affects us as amateurs, review your chances of being struck depending upon location and tower height, examine how lightning impulse current can be controlled to eliminate damage to equipment, how lightning strike magnetic fields can destroy electronic equipment, the proper exterior grounding for protection and RF grounding, and a useful approach toward establishing a single point ground system within the radio room.

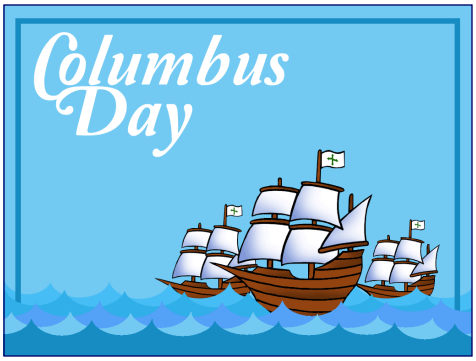
In addition to the slide presentation, Ron will use a software simulator to demonstrate the effects of tower placement in relation to the radio equipment, coax/tower take-off height options, and single point ground connection options.

After the presentation we will discuss individual situations evaluating the benefits and draw-backs associated with a given solution approach. Participants should leave with the theory required for a protection scheme and the knowledge with how to proceed with the first step. We will most likely have to assemble a few more times to assess the individual's progress and map out the next steps.

Ron Block, NR2B, has been a **PolyPhaser Distributor** for over 25 years and a consultant in the lightning protection field for over 21 years. He is the brother of PolyPhaser founder Roger Block and the beneficiary of a younger brother's energy and wisdom. He has been the moderator of the ***Lightning Protection Forum*** at Dayton on numerous occasions and was the editor of the PolyPhaser newsletter, ***Striking News***.

The objective of the Tech Saturday Forum is to have an open discussion of subjects of Amateur Radio interest. All questions are welcome as well as a venue for members to show off their latest ham radio projects or gadgets. All are welcome - hams and non-hams - club members and non-club members. Take a guided tour of our clubhouse. View our HF and VHF/UHF Operation Facilities and our vast antenna farm.

The Tech Saturday Forum is held on the Saturday after the General Membership meeting. For more information, go to **www.w2mmd.org** on the Tech Saturday Forum page.



For the edification of young hams - These are T-U-B-E-S.

LOL

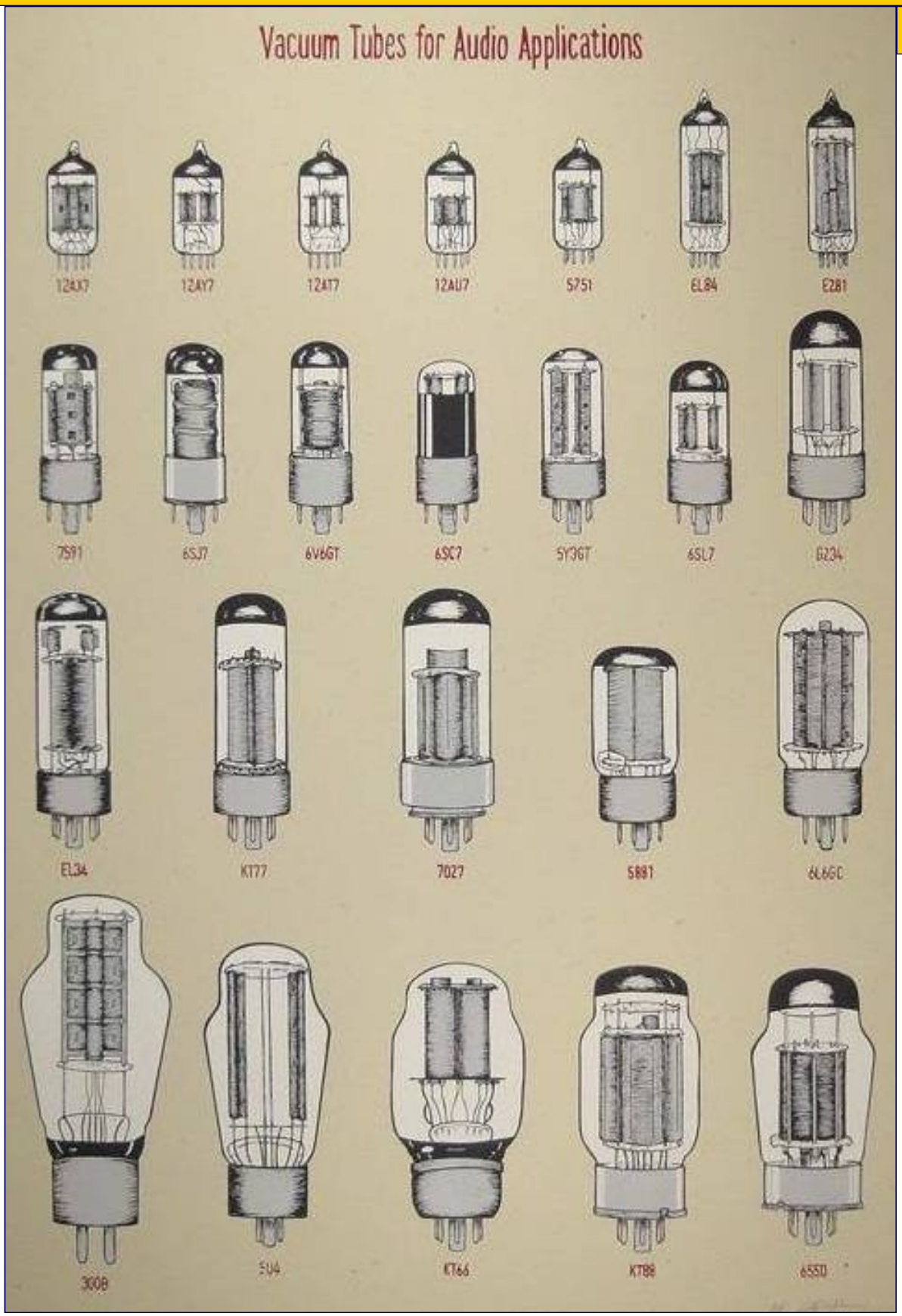


Image Credit: www.mcmelectronics.com

Regional Hamfest and Events

October 02 - 04, 2015 : Mid-Atlantic States VHF Conference and Mini-Fest, Mt. Airy VHF Radio Club (Pack Rats), Holiday Inn, 3327 Street Road, Bensalem, PA. **www.packratvhf.com**

October 03, 2015 : Red Rose Repeater Association Hamfest 2015, West Earl Community Park, Brownstown, PA. **www.w3rrr.org**

October 03, 2015 : Delaware State ARRL Convention - Delmarva Amateur Radio and Electronics Expo, Sussex Amateur Radio Association, Sussex Technical High School, 17099 County Seat Highway (Route 9), Georgetown, DE. **www.radioelectronicsexpo.com**

October 04, 2015 : Columbia Amateur Radio Association 2015 CARAFest, Howard County Fairgrounds, 2210 Fairgrounds Road, West Friendship, MD. **www.carafest.org**; **www.columbiaara.org**

October 10, 2015 : Bergen Amateur Radio Association Hamfest, Westwood Regional High School, 701 Ridgewood Road, Washington Township (Bergen County), NJ. **www.bara.org**

October 18, 2015 : RF Hill Amateur Radio Club Hamfest, Sellersville Fire House, 50 North Main Street (Bethlehem Pike), Sellersville, PA. **www.rfhillarc.org**

October 18, 2015 : Mid-Atlantic Antique Radio Club RadioFallFest 2015, Davidsonville Family Recreation Center, 3789 Queen Anne Bridge Road, Davidsonville, MD. **www.maarc.org**

October 24, 2015 : St. Mary's County Amateur Radio Association TailgateFest, Hollywood Volunteer Fire Department Bingo Hall, Hollywood, MD. **www.k3hki.org**

October 25, 2015 : Carroll County Amateur Radio Club Mason Dixon Hamfest, Sportsman's Hall Skating Rink, 15500 Hanover Pike, Upperco, MD. **www.qis.net/~k3pzn**

Did You Know?

By Al Arrison, KB2AYU

We all know that "mobile devices" use radio frequencies to communicate. Did you ever wonder just what frequencies they are?

It turns out that mobile devices use many different frequencies spread out across many different bands. They use frequencies in one or more of the following bands (in Megahertz): 700, 800, 1700, 1800, 1900, 2100, 2400, and 2500.

That's a lot of microwave RF to have in your pocket or next to your head.

73, Al KB2AYU

Club Elections

By Jim Wright, N2GXJ

As previously mentioned in the September Crosstalk, nominations will be open for elected club officer, board of director, and trustee positions at the October and November club meetings, with voting taking place in December.

Per our club constitution, the Nominations Committee has been working to develop an initial slate of candidates to be presented at the October meeting. Additional nominations for the open positions will be called for from the club membership present at the October and again at the November general membership meetings. Nominations close at the November meeting. After the nominations are closed, three club members who are not presently officers, nor who are running for office, will be appointed by the current President as the Elections Committee. At the December meeting, the Elections Committee conducts the voting, and then certifies the election results to the Recording Secretary, at which time the results become official.

DA's and DIT's

Gary Reed, N2QEE reports that the September 10th VE session had one candidate, but no license earned. The Hamfest VE session had 9 candidates with 2 Technicians, 1 General and 2 Extra licenses earned.

Beverly Mason Reinhold (Daughter of Mal Mason, W2MMD) left a message on our Facebook page:

> ***"Greetings, I thought I'd check out your FB page and website. I'm so glad to see the club continuing it's heritage of service and outreach! My father would be pleased and amazed at the changes over the last 50 years."***

N3MSS - Bike MS: City To Shore Ride - October 3-4, 2015 : Volunteer communicators are still needed for this event. They can download registration forms from our **www.w2mmd.org** website on the MS Bike/ Walk Events page. Also see the MS Society website at:

http://www.nationalmssociety.org/Chapters/PAE/Fundraising-Events

Darrell AB2E reports: VY1JA needs our support to help him fund the improvements in his station so that he can keep his YT station on the air. Most of you know that J has often provided the only NT (NWT) and Zone 1 mult in many contests, especially SS. Below is the reflector post from VE4EA and the link to the gofundme page. I just donated and if any GCARC members are interested in helping a "dx" station remain operable, go to **www.gofundme.com/vy1ja-help** and check it out. Note that J has already allowed his station to be remotely operated, and the upgrades will focus on improving the equipment with this in mind. So you could go on a DXpedition without leaving your chair at home!

Kudos! to K2AUD, the Audubon Borough of Emergency Management, a new Amateur Radio club in Camden County. I believe they use the 147.225MHz repeater.

VHF Propagation Map : http://aprs.mountainlake.k12.mn.us/#
It uses data gathered by Automatic Packet Reporting System-Internet Service (*APRS*-IS) from packet stations in the amateur radio service. The map shows activity that has happened in the past hour. Paths are combined to create color-coded footprint indicating the distance VHF signals are likely to be traveling.

Do you know what the term "3830" means? (*See last page for answer*)

Ohio QSO Party
August 22, 2015

Call: N2CQ
Operator (s) : N2CQ
Station: N2CQ

Class: Single OP LP
QTH: SNJ
Operating Time (hrs): 3.3
Location: Out of State/Province

Summary: Compare Scores

Band	CW Qs	Ph Qs
160:		
80:	4	0
40:	46	0
20:	25	0
15:	0	0
10:	0	0
6:		

Total: 75 0 CW Mults: 38 Ph Mults: 0
Total Score: 5,700

Club: Frankford Radio Club

Comments:

Kansas QSO Party
August 29, 2015

Call: N2CQ
Operator (s) : N2CQ
Station: N2CQ

Class: Single Op LP
QTH: SNJ
Operating Time (hrs):
Location: Out of State/Province

Summary: Compare Scores

Band	CW Qs	Ph Qs	Dig Qs
160:			
80:			
40:	5		
20:	123	19	
15:			
10:			
6:			

Total: 128 19 0 Mults: 84
Total Score: 35, 548

Club: Frankford Radio Club

Comments: Poor conditions, but great mobile OPs!

Tennessee QSO Party
September 06, 2015

Call: N2CQ
Operator (s) : N2CQ
Station: N2CQ

Class: SO FixedMixed LP
QTH: SNJ
Operating Time (hrs): 6
Location: Out of State/Province

Summary: Compare Scores

Band	CW Qs	Ph Qs	Dig Qs	Mults
160:				
80:	20			
40:	61	2		
20:	21			
15:				
10:				
6:				

Total: 102 2 0 92
Total Score: 28,704

Club: Frankford Radio Club

Comments: Excellent QP! Great mobile CW operators. The QP with only 8 hours get everyone on the air.

Arkansas QSO Party
September 12, 2015

Call: N2CQ
Operator (s) : N2CQ
Station: N2CQ

Class: SO Mixed LP
QTH: SNJ
Operating Time (hrs): 8
Location: Out of State/Province

Summary: Compare Scores

Band	CW Qs	Ph Qs	Dig Qs
160:			
80:			
40:	10	5	0
20:	46	16	12
15:			
10:			
6:			

Total: 56 21 12 Mults: 39
Total Score: 8,391

Club: Frankford Radio Club

Comments: AA5AR=8 QSOs; K5NE=1 QSO (Included in the score)

South Carolina QSO Party
September 19, 2015

Call: N2CQ
Operator (s) : N2CQ
Station: N2CQ

Class: Single OP FixedMixed LP
QTH: SNJ
Operating Time (hrs): 2.5
Location: Out of State/Province

Summary: Compare Scores

Band	CW Qs	Ph Qs	Dig Qs
160:			
80:			
40:	4	3	0
20:	6	4	3
15:			
10:			
6:			
Total:	10	7	3

Mults: 18
Total Score: 2,678

Club: Frankford Radio Club

Comments: WW4SF QSOs added to score

New Jersey QSO Party
September 19, 2015

Call: N2CQ
Operator (s) : N2CQ
Station: N2CQ

Class: Single OP LP
QTH: Glou
Operating Time (hrs): 5.5
Location: In State/Province

Summary: Compare Scores

Band	CW Qs	Ph Qs
80:		
40:	64	3
20:	58	2
15:	1	0
10:		
6:		
Total:	123	5

Mults: 45
Total Score: 11,395

Club: Gloucester County Amateur Radio Club

Comments: Thanks for the calls from the CW stations.
NJQP was very good in recent years.
K2TD QSO included in score.

ARRL Atlantic Division Director, Tom Abernethy, W3TOM, with Cory, WA3UVV, at our Hamfest

Regional Yaesu System Fusion Repeaters

County, State	Location	Callsign/Club	Frequency	Off-Set	PL Tone
Atlantic County, NJ	Atlantic City	K2ACY	449.625 MHz	Minus	156.7 Hz
Atlantic County, NJ	West Atlantic City	W2HRW/SPARC	443.250 MHz	Plus	146.2 Hz
Camden County, NJ	Blue Anchor	KB2AYS	445.125 MHz	Minus	91.5 Hz
Camden County, NJ	Cherry Hill	K3RJC/HARC	444.900 MHz	Plus	131.8 Hz
Camden County, NJ	Gloucester City	NJ2GC	447.775 MHz	Minus	146.2 Hz
Camden County, NJ	Runnemede	WA2WUN	147.225 MHz	Plus	192.8 Hz
Gloucester County, NJ	Pitman	W2MMD/GCARC	147.180 MHz	Plus	131.8 Hz
Gloucester County, NJ	Pitman	W2MMD/GCARC	442.100 MHz	Plus	131.8 Hz
Mercer County, NJ	Lawrenceville	W2MER	147.105 MHz	Plus	123.0 Hz
Mercer County, NJ	West Trenton	W2ZQ/DVRA	146.670 MHz	Minus	131.8 Hz
Morris County, NJ	Rockaway	WK3SS	446.625 MHz	Minus	100.0 Hz
Ocean County, NJ	Manchester	WA2RES/OCARES	145.170 MHz	Minus	131.8 Hz
Ocean County, NJ	Toms River	NJ2AR/JSARS	448.625 MHz	Minus	141.3 Hz
Salem County, NJ	Pennsville	N2KEJ/SCRA	146.625 MHz	Minus	131.8 Hz
Berks County, PA	Reading	KB3WLV	445.175 MHz	Minus	114.8 Hz
Bucks County, PA	Southampton	W3SK/PWA	146.790 MHz	Minus	131.8 Hz
Bucks County, PA	Southampton	W3SK/PWA	448.225 MHz	Minus	131.8 Hz
Chester County, PA	Paoli	WB3JOE/MARC	445.675 MHz	Minus	131.8 Hz
Delaware County, PA	Lawrence Park	W3DI	447.375 MHz	Minus	100.0 Hz
Lancaster County, PA	Buck	KX3B	146.745 MHz	Minus	114.8 Hz
Lancaster County, PA	Cornwall	W3AD/LRTS	449.025 MHz	Minus	162.2 Hz
Lancaster County, PA	New Holland	N3FYI	449.275 MHz	Minus	114.8 Hz
Lehigh County, PA	Allentown	W3OI/LVARC	147.135 MHz	Plus	D315/D315
Lehigh County, PA	Allentown	KA3NRJ	444.100 MHz	Plus	151.4 Hz
Monroe County, PA	East Stroudsburg	KB3TEM	144.920 MHz	Input 446.550	D343
Montgomery County, PA	Horsham	K3JJO/DRC	147.165 MHz	Plus	162.2 Hz
Montgomery County, PA	Wyndmoor	K3PDR/PDRA	447.475 MHz	Minus	Open
Philadelphia County, PA	Philadelphia	WM3PEN/HARC	146.685 MHz	Minus	146.2 Hz
Philadelphia County, PA	Roxborough	W3QV/Phil-Mont	444.800 MHz	Plus	186.2 Hz
Kent County, DE	Dover	KC3ARC/KCARC	146.970 MHz	Minus	77.0 Hz
New Castle County, DE	Newark	W3DRA/DRA	146.700 MHz	Minus	131.8 Hz
New Castle County, DE	Newark	W3DRA/DRA	449.025 MHz	Minus	131.8 Hz
**Sussex County, DE	Lewes	W4ALT	443.550 MHz	Plus	156.7 Hz
Sussex County, DE	Millsboro	WS3ARA/SARA	449.825 MHz	Minus	156.7 Hz
Sussex County, DE	Selbyville	WS3ARA/SARA	147.015 MHz	Plus	156.7 Hz

**New entry or update as of this issue.*

***As of September 18, 2015: Repeater in testing mode.*

October Birthdays

Congratulations to our members celebrating their birthday this month

Stephen Blasko W2TDS
Richard Bleda Jr KC2SGR
Harry Bryant AA2WN
Emil Busko WB2EOR
James Clark Sr KA2OSV
David DiMartino Jr N3YYZ
William Kardas N2BK
James Lamanteer Jr WB2KNR
Anthony Otlowski KD2GSM
Dennis Sandole K2SE

In Memoriam
October Birthdays

Silent Keys:
Howard Hirst Jr K2QGH
Edmund Kwiatkowski K2QOK
Preston Weil WA2TSZ
Jack Zaruba K2ZA

Jack Zaruba, K2ZA - Field Day 1999

Crosstalk Submissions

This is your Club newsletter. Make use of it.

If you have stories or photos of your hobby that you would like to share with the Club, please do so!

We will keep covering all of the GCARC events, but it is also nice to get those personal perspectives to include in every issue.

Connecting through experiences is what makes the Gloucester County Amateur Radio Club a *REAL* club.

All submissions, queries, comments and editorials should be addressed to Jeffrey Garth, KC2WCS at jeff.garth <at> comcast.net.

Submission deadline for the November 2015 issue: Tuesday, October 20, 2015

Club Website www.w2mmd.org
Club E-Mail Reflector: gcarc@mailman.qth.net

October Contest Calendar

For more information on the contests, please go to the WA7BNM Contest Calendar website: www.hornucopia.com/contestcal

October 2015	
NRAU 10m Activity Contest	1700Z-1800Z, Oct 1 (CW) and 1800Z-1900Z, Oct 1 (SSB) and 1900Z-2000Z, Oct 1 (FM) and 2000Z-2100Z, Oct 1 (Dig)
SARL 80m QSO Party	1700Z-2000Z, Oct 1
NCCC Sprint	0230Z-0300Z, Oct 2
YLRL DX/NA YL Anniversary Contest	1400Z, Oct 2 to 0200Z, Oct 4
TARA PSK Rumble Contest	0000Z-2400Z, Oct 3
15-Meter SSTV Dash Contest	0000Z, Oct 3 to 2359Z, Oct 4
German Telegraphy Contest	0700Z-1000Z, Oct 3
Oceania DX Contest, Phone	0800Z, Oct 3 to 0800Z, Oct 4
TRC DX Contest	1200Z, Oct 3 to 1200Z, Oct 4
Russian WW Digital Contest	1200Z, Oct 3 to 1159Z, Oct 4
International HELL-Contest	1600Z-1800Z, Oct 3 (80m) and 0900Z-1100Z, Oct 4 (40m)
California QSO Party	1600Z, Oct 3 to 2200Z, Oct 4
4 State 4x4 QRP Sprint	1700Z-2100Z, Oct 3
FISTS Fall Slow Speed Sprint	1700Z-2100Z, Oct 3
WAB HF Phone	1900Z, Oct 3 to 1900Z, Oct 4
UBA ON Contest, SSB	0600Z-1000Z, Oct 4
RSGB 21/28 MHz Contest	0700Z-1900Z, Oct 4
ARS Spartan Sprint	0100Z-0300Z, Oct 6
Phone Fray	0230Z-0300Z, Oct 7
CWops Mini-CWT Test	1300Z-1400Z, Oct 7 and 1900Z-2000Z, Oct 7 and 0300Z-0400Z, Oct 8
432 MHz Fall Sprint	1900 local - 2300 local, Oct 7
UKEICC 80m Contest	2000Z-2100Z, Oct 7
NCCC RTTY Sprint Ladder	0145Z-0215Z, Oct 9
NCCC Sprint	0230Z-0300Z, Oct 9
Makrothen RTTY Contest	0000Z-0759Z, Oct 10 and 1600Z-2359Z, Oct 10 and 0800Z-1559Z, Oct 11
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
Microwave Fall Sprint	0700 local - 1400 local, Oct 10
Oceania DX Contest, CW	0800Z, Oct 10 to 0800Z, Oct 11
QRP ARCI Fall QSO Party	1200Z, Oct 10 to 2359Z, Oct 11
SKCC Weekend Sprintathon	1200Z, Oct 10 to 2400Z, Oct 11
Scandinavian Activity Contest, SSB	1200Z, Oct 10 to 1200Z, Oct 11
Arizona QSO Party	1600Z, Oct 10 to 0600Z, Oct 11 and 1400Z-2359Z, Oct 11
Pennsylvania QSO Party	1600Z, Oct 10 to 0500Z, Oct 11 and 1300Z-2200Z, Oct 11

October Contest Calendar - Continued on page 18

October Contest Calendar

For more information on the contests, please go to the WA7BNM Contest Calendar website: www.hornucopia.com/contestcal

October Contest Calendar - Continued from page 17

FISTS Fall Unlimited Sprint	1700Z-2100Z, Oct 10
PODXS 070 Club 160m Great Pumpkin Sprint	2000 local, Oct 10 to 0200 local, Oct 11
UBA ON Contest, CW	0600Z-0900Z, Oct 11
NAQCC CW Sprint	0030Z-0230Z, Oct 14
Phone Fray	0230Z-0300Z, Oct 14
CWops Mini-CWT Test	1300Z-1400Z, Oct 14 and 1900Z-2000Z, Oct 14 and 0300Z-0400Z, Oct 15
RSGB 80m Club Sprint, CW	1900Z-2000Z, Oct 14
NCCC RTTY Sprint	0145Z-0215Z, Oct 16
NCCC Sprint	0230Z-0300Z, Oct 16
JARTS WW RTTY Contest	0000Z, Oct 17 to 2400Z, Oct 18
10-10 Int. Fall Contest, CW	0001Z, Oct 17 to 2359Z, Oct 18
Iowa QSO Party	1400Z-2300Z, Oct 17
New York QSO Party	1400Z, Oct 17 to 0200Z, Oct 18
Stew Perry Topband Challenge	1500Z, Oct 17 to 1500Z, Oct 18
Worked All Germany Contest	1500Z, Oct 17 to 1459Z, Oct 18
Telephone Pioneers QSO Party	1700Z-2100Z, Oct 17 (CW/Digital) and 2300Z, Oct 17 to 0300Z, Oct 18 (Phone) and 1700Z-2100Z, Oct 18 (Phone) and 2300Z, Oct 18 to 0300Z, Oct 19 (CW/Digital)
South Dakota QSO Party	1800Z, Oct 17 to 1800Z, Oct 18
Feld Hell Sprint	2000Z-2159Z, Oct 17
Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 18
UBA ON Contest, 2m	0600Z-1000Z, Oct 18
Illinois QSO Party	1700Z, Oct 18 to 0100Z, Oct 19
Run for the Bacon QRP Contest	0100Z-0300Z, Oct 19
ARRL School Club Roundup	1300Z, Oct 19 to 2359Z, Oct 23
Phone Fray	0230Z-0300Z, Oct 21
CWops Mini-CWT Test	1300Z-1400Z, Oct 21 and 1900Z-2000Z, Oct 21 and 0300Z-0400Z, Oct 22
NCCC RTTY Sprint	0145Z-0215Z, Oct 23
NCCC Sprint	0230Z-0300Z, Oct 23
CQ Worldwide DX Contest, SSB	0000Z, Oct 24 to 2400Z, Oct 25
SKCC Sprint	0000Z-0200Z, Oct 28
Phone Fray	0230Z-0300Z, Oct 28
CWops Mini-CWT Test	1300Z-1400Z, Oct 28 and 1900Z-2000Z, Oct 28 and 0300Z-0400Z, Oct 29
UKEICC 80m Contest	2000Z-2100Z, Oct 28
RSGB 80m Club Sprint, SSB	1900Z-2000Z, Oct 29
NCCC RTTY Sprint	0145Z-0215Z, Oct 30
NCCC Sprint	0230Z-0300Z, Oct 30
Feld Hell Sprint	0000Z-2359Z, Oct 31
ARRL EME Contest	0000Z, Oct 31 to 2359Z, Nov 1
Russian WW MultiMode Contest	1200Z, Oct 31 to 1159Z, Nov 1

Committee Chairs

ARES/RACES	**Ed Champion, N2RO**
Awards and Contests	**Kenny Denson, WB2P**
Budget*	**Al Arrison, KB2AYU**
Club Publications	**Jeffrey Garth, KC2WCS**
• **Crosstalk Magazine**	**Karen Garth, Staff Typist**
• **Website**	
Clubhouse Site/Operations*	**Al Arrison, KB2AYU**
Constitution and By-Laws*	**Ron Block, NR2B**
DX	**Bill Grim, W0MHK**
Field Day*	**Kenny Denson, WB2P**
Fox Hunts	**Jim Wright, N2GXJ**
Hamfest*	**Sheldon Parker, K2MEN and Bill Price, NJ2S**
• **Hamfest Contact**	**Cory Sickles, WA3UVV**
Health and Welfare*	**Ray Martin, W2RM**
Historian	**Jeffrey Garth, KC2WCS**
Hospitality*	**Dave MacDonald, WB3JOY**
License Testing, VEC Liaison	**Gary Reed, N2QEE**
License Trustee	**Darrell Neron, AB2E**
Member Database	**Ken Newman, N2CQ**
Membership*	**Cory Sickles, WA3UVV**
Nominations*	**Jim Wright, N2GXJ**
Programs	**Cory Sickles, WA3UVV**
Publicity*	**Cory Sickles, WA3UVV**
Repeaters*	**Cory Sickles, WA3UVV**
Scout Liaison	**Frank Simila, KC2SJ**
Summer Picnic	**Jennifer Robinson, KD2EYR**
Technical and TVI	**Chuck Colabrese, WA2TML**

**** Denotes Standing Committees***

GCARC@mailman.qth.net e-mail reflector guidelines

1. **No attachments** (e.g. pictures, files) are allowed on the reflector.
2. If you have club-related pictures that you would like to share, you can send them to the webmaster, he will put them on the website and he will send out a general e-mail to all the members.
3. Otherwise, the pictures will have to be sent to the members' addresses.
4. URLs/Hyperlinks are acceptable on the reflector.
5. Do not send any messages with e-mail addresses in the **BCC** (**Blind Carbon Copy**) field. The message will be rejected. Use only the **To:** or **CC:** fields.
6. Members are subscribed to the reflector using the member's e-mail address from the roster database. You must use that address when sending an e-mail via the reflector.
7. If you use another address on the reflector, the message will get rejected or "*bounced*", because the reflector does not recognize that address.
8. Whenever a message sent to reflector is rejected or *"bounced"* for various reasons, the administrator has to log-in to the Mailman.QTH website and approve the message. If the admin recognizes the address as belonging to a club member, the message is accepted and passed on to the reflector.

FYI...If you use Comcast e-mail, you are limited to 100 addresses per message.
For more information about the e-mail reflector, goto : **www.mailman.qth.net**

The W2MMD Repeaters

Output: 147.180 MHz
Input: 147.780 MHz
Offset: +600 kHz - PL: 131.8 Hz
(Conventional FM plus C4FM Capability)

Output: 442.100 MHz
Input: 447.100 MHz
Offset: +5 MHz - PL: 131.8 Hz
(*Temporarily* Conventional FM)

Output: 1284.400 MHz
Input: 1272.400 MHz
Offset: -12.0 MHz
PL Tone: None

The above 3 repeaters are all
located in Pitman, NJ
GPS: 39.728481°, -75.131088°

Output: 224.660 MHz
Input: 223.060 MHz
Offset: -1.6 MHz
PL Tone: 131.8 Hz
Location: Sewell, NJ
GPS: 39.781382°, -75.099963°

Area Repeater Nets

SKYWARN™ Net
Sunday @ 1945: 147.180 MHz

Gloucester County ARES/RACES Net
Sunday @ 2000: 147.180 MHz

October Club Meeting Program

Hamfest, Papal Visit, and MS-150 Bike "Post-Game Show"

Meeting Calendar

General Membership Meeting

Wednesday, October 7, 2015 @ 1930 Hours
Pfeiffer Community Center
301 Blue Bell Road
(Main Street and Blue Bell Road)
Williamstown, NJ

Board of Directors Meeting

Wednesday, October 21, 2015 @ 1900 Hours
GCARC Clubhouse
Gloucester County 4-H Fairgrounds
235 Bridgeton Pike (Rt 77), Mullica Hill, NJ

The term "3830" used to (and still can) refer to the 80M frequency where contesters gathered after the contest to compare scores. It was particularly lively on the east coast of the US, where the very competitive multi-multi stations would share their unverified QSO counts, multiplier counts, and scores. With the advent of email and the internet, it then evolved to be the 3830 email reflector on **contesting.com**, where Dink, N7WA, posts contest summaries for many contests. Bruce, WA7BNM, made it easier to post scores through his website, which is (now) **3830scores.com**. With any change, things are lost, and things are gained.

While 3.830 MHz is generally empty post-contest, contest summaries and commentary are available any time (and potentially in perpetuity) via the reflector and web site, and provide thoughtful and useful information that can improve your contest scores.