

# The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

December 2012

36<sup>th</sup> Year of Publication

## Prez Sez



Now that Thanksgiving has come and gone, I'm sure you have noticed that Christmas is on its way! And after that, we move into the new year, 2013. This is the basis of my two important points for this month's newsletter.

First, I hope you all enjoyed your Thanksgiving holiday, and have recovered from whatever food excesses you might have indulged in. The next AARC event is the

Annual Meeting on Thursday night, 6 December, when we will elect our officers for 2013. Be sure to plan to be there to endorse our slate of candidates, which is complete for the election for the first time in three years.

Next, remember that there is only one club meeting in December, and the annual Holiday party takes the place of the usual 3<sup>rd</sup> Thursday meeting. The Holiday Party will be held at Ford Hall, which is just down the hill from the clubhouse, and will begin at 6:00 p.m. on Friday, 14 December. This is a family party, our premier social event of the year, so plan to bring your significant other, and your children. If you are bringing children, please inform us of their names and ages so Santa can have something for them under the tree. The club will provide everything but side dishes and desserts, and we ask you to bring those. To plan for the party, here's what you need to do:

Please email Kim at [rdelamarte@aol.com](mailto:rdelamarte@aol.com) and give her the following information:

- How many in your family are coming to the party?
- What side dish or dessert will you be bringing?
- How many children will you be bringing and what are their names and ages?

Finally, since this is my last PrezSez column as your club president, I want to thank you all for your interest in and service to the club. As a 100% volunteer organization, we all must pull together to help our club meet all its goals. If you have helped in any way this past year, please accept my sincere thanks for your time and your efforts, and I look forward to continued success of AARC because of you members who serve.

73--Chuck Tanner K3ACT

## Rosaryville 50K Race Was A Success.

Through an email we will let Cindy Penry give her impressions of this event:

Hi Bob (K3RSJ),

The man that crossed the finish line first Bib # 192 broke the record for the race.

Thank you for letting me be net control yesterday.

No one wanted breaks yesterday and with the problem of some people taking a while to get to their stations and then doing a little bit of set up work I did not move anyone. Everyone seemed fine with that.

When Erick KB3UDP arrived there was really nowhere for him to go so I had him doing net control, he did a great job, and most of the time I went to tell, the director something when he needed to be told something.

The only time we had to deploy Marie, the nurse, for the 2 injuries that you know about, Bibs #41 and #147. At the finish there were a lot of ice packs being used and other people took themselves out of the race before start finish line and some of them got ice packs also I would say from the aid stations.

At 2 pm there was an award ceremony. Awards given out for the first male and female – third place I think and then given out by age groups. I do know that a mid-shipman won one of the awards. I was in the RV watching it all.

We were finally able to figure out the last runner after they passed water station 1 for the 3<sup>rd</sup> time and when she got to KC5VFC's spot he went with her all the way to aid station 2 where he departed for his vehicle and she pulled out of the race

All in I think everything went well.

Charles made a run to subway to get everyone lunch that wanted it and delivered it to them.

I hope I gave you all the information that you need. If not let me know and I will see if I have that info also.

73,  
Cindy

**With ham radio there are  
NO strangers,  
only friends you never met!**

## AARC Members Serve in Many Ways

The AARC, public service reaches farther than Anne Arundel County. Three members, Fred Koester K3LMR, Margaret Goldsberry KB3LGC, and Jim Goldsberry KB3NQY are members of the Queen Anne's County RACES.

During hurricane "Sandy", Queen Anne's RACES, was activated. Fred and Jim provided standby emergency communication services at county fire houses for approximately 48 hours. Fred was stationed on southern Kent Island, and Jim in Sudlersville, Margaret was on standby in case the emergency lasted longer than 72 hours.

Had the normal emergency communication system failed QA's RACES would have exchanged emergency information directly with a RACES member at the county EOC. QA's RACES would have also taken over the vital role of dispatching emergency services from the various locations using their Ham Gear.

At the recent Queen Anne's County 2012 Awards Ceremony, the following Proclamation was presented to the Queen Anne's County RACES volunteers. Margaret and Jim were selected to receive the Proclamation for RACES at the ceremony.

The presented proclamation reads:

## *Queen Anne's County* *Proclamation*

12-39

*Whereas*, Radio Amateur Civil Emergency Services (RACES) has been an integral part of the emergency services in Queen Anne's County for many years, and

*Whereas*, RACES, Responds to every emergency operation center activation, and has been the sole source of reserve communications in Queen Anne's County; and

*Whereas*, the members of RACES provide countless hours of volunteer service to Queen Anne's County, and many times become the "eyes and ears" of emergency services and is always ready to assist in any situation; and

*Whereas*, RACES is a sterling example of a "partner in service", ever vigilant and prepared to respond:

*Now Therefore* We, the County Commissioners of Queen Anne's County and Department of Emergency Service honor RACES for their dedication and devotion to the safety of the citizens of Queen Anne's County.

**Signed**  
**Queen Anne's County**  
**Board of Commissioners**  
**Steven J Arentz, President**  
**David L. Dunmayer**  
**Bob Simmons**  
**Philip L. Dumenil**  
**Dave Olds**  
**Margie A. Houck, Executive Assistant**  
**Gregg A. Todd, County Commissioner**



**CQ CQ CQ de Santa**

**CQ CQ CQ de Santa**

**CQ CQ CQ de Santa**

*Calling all members of the  
AARC and their families.*

*You and your family are invited to  
The Anne Arundel Radio Club*

## **CHRISTMAS PARTY**

*Friday, December 14, 2012  
at the Ford Hall in the D F R C*

**Volunteers needed for set up - Contact any board member  
Club supplies entrees and drinks - Please bring a side or dessert  
Pay 2013 dues before or at the party to be eligible for great door prizes**







database finds that no one is licensed to use this non-federal Radiolocation Service allocation.

Currently, federal use of the 1900-2000 kHz segment is light, with only 10 assignments authorized to operate in this segment. "A single federal assignment authorizes land and mobile stations in the Radiolocation Service to transmit on 1922 kHz using a necessary bandwidth of 600 Hz within a protected radius of 193 kilometers centered on San Diego, California," the FCC noted in the *NPRM*. "All other federal assignments in the 1900-2000 kHz band are for unallocated uses, and thus, these assignments operate on an unprotected and non-interference basis."

The FCC is proposing to amend the US Table of Allocations and remove the federal and non-federal Radiolocation Service allocations from the 1900-2000 kHz band and the raise the secondary Amateur Radio Service allocation to primary status because "there appear to be few (if any) Radiolocation Service stations operating in this band," it said. "In addition, we note [from WARC-79] that 'this [Radiolocation Service] allocation was made for reaccommodation purposes and not to provide additional spectrum for radiolocations needs,' that the Commission has concluded its AM Expanded Band proceeding that would have prompted non-federal RLS licensees to relocate to the 1900-2000 kHz band and that this band was historically allocated to the Amateur Service on an exclusive basis."

#### **New Amateur Service Band at 135.7-137.8 kHz**

In the US, the 130-160 kHz portion of spectrum is allocated to the Fixed Service and the Maritime Mobile Service on a primary basis for both federal and non-federal use. Delegates at WRC-07 allocated 135.7-137.8 kHz to the Amateur Radio Service in all ITU Regions on a secondary basis. Delegates also chose to restrict the use of this low frequency allocation to those Amateur Radio stations transmitting with a maximum equivalent isotropically radiated power (EIRP) of 1 W, as set forth in RR 5.67A.

Even though there are no non-federal stations in the Fixed Service or the Maritime Mobile Service that are licensed to operate at 135.7-137.8 kHz and federal use of this portion of spectrum is light, the FCC noted that electric utilities operate Power Line Carrier (PLC) systems in the 9-490 kHz band for "communications important to the reliability and security of electric service to the public." In ET Docket No. 02-98, the FCC considered allocating the 135.7-137.8 kHz band to the Amateur Radio Service on a secondary basis and examined the potential for amateur transmissions to cause harmful interference to the PLC systems. At that time, however, the FCC declined to do so "after finding the potential for interference between amateur operations proposed at that time and the incumbent PLCs, and noting the importance of the PLC operations in helping maintain critical electric infrastructure." The FCC noted the potential for some limited amateur operations in this band under individual experimental licenses and observed that such operations would "allow empirical data to be developed on the sharing possibilities in this band for future consideration."

Now that 135.7-137.8 kHz is now allocated internationally to the Amateur Radio Service on a secondary basis in all

ITU Regions, the FCC has concluded that "it is an appropriate time to re-examine the potential for shared Amateur Service-PLC use of this band." It stated in the *NPRM* that it is seeking comments on whether 135.7-137.8 kHz band should be allocated to the Amateur Service on a secondary basis in accordance with RR 5.67A.

"Because PLC systems operating under Section 15.113 of the rules serve important functions, such as tripping protection circuits if a downed power line or other fault is detected in the power grid, we would only consider adding an amateur allocation if we were comfortable that Amateur Radio and utility PLC systems could successfully co-exist in this band," it stated in the *NPRM*. "We seek comment on the advantages and disadvantages, and other costs and benefits associated with changing our rules. For example, what benefits might accrue to the Amateur Radio community? To what extent do utilities deploy PLC systems on distribution lines in the 9-490 kHz band under our Part 15 rules, and how would those operations be affected were we to add a new secondary amateur radio service allocation in this band? What specific actions would PLC systems operators need to take if there were a secondary amateur radio service allocation in the band, and what are the associated costs?"

In addition, the FCC stated that is looking for comments on the whether the concept of requiring individual amateur stations to be "quasi-coordinated" for fixed use at a specific location still holds merit. The FCC did not pursue this option in 2003. "Are there other steps, such as limiting operating privileges in this frequency band (e.g., to Amateur Extra Class licensees) that would better facilitate amateur use of the band?" the FCC asked. "We also seek comment on the relevance of studies that discuss the potential for in-band Amateur Service radio transmitters to operate compatibly with PLC systems in light of any developments since our 2003 decision. In particular, we seek comment on the appropriate maximum field strength level and minimum separation distance from PLC systems for secondary Amateur Service operations in this band."

#### **Cleaning Up the 10.0-10.5 GHz Band Rules**

With the concurrence of the National Telecommunications and Information Administration ([NTIA](#)), the FCC proposes to amend the Federal Table by revising the "10-10.45" GHz band and the reference to "G2" to read "10-10.5" and "G32," respectively. In the WRC-07 Table Clean-up Order, the FCC combined the 10-10.45 GHz and 10.45-10.5 GHz bands in the Federal Table. In doing so, the frequency band was inadvertently not changed to 10-10.5 GHz. In addition, the reference to G32 was mistakenly changed to G2.

The FCC will also revise the text of three footnotes (US58, NG42, NG134) that pertain to the 10-10.5 GHz band. First, it will revise US58 by adding the existing Amateur-Satellite Service allocation to the list of permitted non-federal services in the 10-10.5 GHz band so that this footnote correctly lists all permitted non-federal services, and it will renumber this footnote in frequency order as US128. Second, it will combine the text of NG42 and NG134 (which require that non-federal stations in the Radiolocation Service not cause harmful interference to the







## Slate of Officers for 2013

|                   |                   |        |
|-------------------|-------------------|--------|
| <b>President:</b> | Jim Goldsberry    | KB3NQY |
| <b>Vice-Pres:</b> | Chuck Tanner      | K3ACT  |
| <b>Secretary:</b> | Milford Craig     | N3WYG  |
| <b>Treasurer:</b> | Rick Creager      | KK4GV  |
| <b>Directors:</b> | <b>Vote for 3</b> |        |
|                   | George Socker     | N3YSA  |
|                   | Brian Mary        | K3HMX  |
|                   | Bruce Strackbein  | WR3Q   |

Many times the question asked, "**What do I get for my dues?**" After all, the newsletter and roster are electronic now and anyone can read the newsletter on-line. (The roster takes a password but any member can see it and even print a copy.) Aside from the obvious, six repeaters, two digipeaters, full blown club station, clubhouse, presentations, operating events, training, and testing, a typical answer could be: "**The value of club membership is inherent in belonging to and supporting an amateur radio organization that you participate in and care about.**" It's not about what you get. It's about why you care. You are a ham and this is your club.

**So get involved!**

## REPEATER FREQUENCIES

| Davidsonville | Millersville | Glen Burnie | Annapolis |
|---------------|--------------|-------------|-----------|
| 147.105+      |              | 147.075+    |           |
| 223.880-      | 224.560-     |             |           |
| 444.400+      |              |             | 442.300+  |

### PL: 107.2 for all repeaters

The 147.105 and 147.075 repeaters are frequently linked. Please leave an extra second after the courtesy beep to allow the link to reset as well.

**Visitors are welcome to all meetings and nets.**

*Meetings are held in the Clubhouse at the Davidsonville Family Recreation Center, Queen Anne Bridge and Wayson Roads off MD Route 214 near Davidsonville, MD. For en-route directions, make initial contact on the 147.105 repeater.*

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## Wednesday Night Talk Net -- All are welcome

8PM, On the AARC Repeater 147.105

### Other Amateur Radio nets

| Name                         | Frequency            | Day        | Time          |
|------------------------------|----------------------|------------|---------------|
| Morning Commuter Net         | 147.105+ PL 107.2    | Weekdays   | 0600          |
| AA County ARES Net           | 146.805-Mhz PL 107.2 | Sunday     | 2000          |
| Baltimore Traffic Net        | 146.670-Mhz          | Daily      | 1830          |
| Maryland Emergency Phone Net | 3.820Mhz             | Daily      | 1800          |
| MD-DC-DE Traffic Net         | 3.557Mhz             | Daily      | 1900 and 2200 |
| Maryland Mobileers Net       | 146.805 PL107.2      | Monday     | 1930          |
| Maryland Slow Net            | 3.563 MHz            | Daily      | 1930          |
| REACT Net                    | 442.300+Mhz PL107.2  | 1st Sunday | 1930          |

# Anne Arundel Radio Club, Inc.

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First Class Mail

