

**DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.**  
**MAY 2016**



# ***W3OK***

# ***CORRAL***

**Club Meeting May 5th, 7:30PM At the  
Bethlehem Township Community Center**

**MAY MEETING PROGRAM**

**"The Route of Columbus"**

**Dick / KB3ALG**



**"The History of the Radio Corp of America"**

**Rob / AB3RC**



## MINUTES FROM THE APRIL MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on April 7, 2016, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

**Call to Order:** Bill / W3MJ President, called the meeting to order at 1930 hrs.

**Pledge of Allegiance:** Led by Bill/ W3MJ.

**Member Happenings:** Dave / NB3R asked if anyone had worked VK0EK, Heard Island DX Expedition.

**Approval of the Minutes:** Larry / AB3TY asked if there were any additions or corrections to the minutes as they appeared in the last newsletter. Bill / W3MJ asked for a motion to approve the minutes of the last meeting.

**Motion:** It was moved by AL / W3CE, second by Dave / NB3R. **Motion carried.**

**Treasurer's Report:** Mike / KB3LOD presented the Treasurer's Report for February. Bill / W3MJ asked for a motion to accept the report as read.

**Motion:** It was moved by Jay / N3OW, second by Doreen / K3PDL. **Motion carried.**

**Club Station:** No issues were reported.

**Club Repeater:** No issues were reported

**Website:** Jay / N3OW said that his login and email credentials were no longer working. George / N3SQD said the may be an issue with the current membership roster.

**Membership Report:** Frank / W3WOW was not at the meeting. George / N3SQD announced the following new members Brian Kerzwell / KD2KPU and James Lees / W3NKD. Bill / W3MJ. Asked for a motion to accept the new members.

**Motion:** It was moved by Jay / N3OW, second by Mark / W2MB. **Motion carried.**

**Education V.E Classes:** Bob / KE3AW said the Spring classes were about half completed. In spite of a few signups dropping out, there are 23 in the Tech class and 7 in the General.

**Club Badges:** Dave / N3EYT said that Frank / W3WOW has the badges. There is a signup sheet for anyone needing a badge.

**NPOA:** Mark / W2MB announced that the Club will participate in the National Parks On the Air. Mark said the Delaware Recreation area at the Water Gap in Bushkill, PA is the likely spot and the preliminary paperwork has been submitted. The date is June 4 with a rain date of June 5. A signup sheet was passed. Members should bring their own chair and food. The Club will have the radio and antenna. Mike / KB3TEL told his experiences working NPOA and using Log Book of the World.

**Club Trip:** Doreen / K3PDL announced a trip to the Sussex County Fair grounds for the Hamfest on July 17. A signup list is available. Also, there is a possibility of a trip to see The Blue Angels at the Pocono Raceway Aug 26-28.

**ARES and RACES:** George / N3SQD said there would be a meeting of ARES and RACES operators Saturday 4-9 at 10 a.m. at the Milkhouse.

**Pete's Corner:** Pete / NL7XM presented his book of interest. This month's pick is *The World's Best Hobby* by David Bell / W6AQ. Pete also said the CQ cover picture was the DX expedition to Cuba with Club members John / KK4SHF, Ruth / KC4BAB, and Stephanie / WX3K. At the July 7<sup>th</sup> General Meeting, a symposium about the Cuba Expedition will be presented.

**Club Equipment Insurance:** Mike / KB3LOD said the insurance policy on the Club's equipment will be renewing and asked for a review of the covered equipment. Dave / NB3R said he would go over the listed items.

**Visitors:** Dan Waldrop / KC3BXG, Bill Snyder will be taking Tech exam at the May V.E. session, Victor Lees / W3NKD, David Wood / KB3DJX a former member, and Sy Ortiz will be starting Tech class, and Maurice Heller / KC3AES who announced there will be a Science Fair on April 17 at Kenneth Butz Elementary School in Nazareth.

**Adjournment:** There being no further business before the Club, the meeting adjourned the meeting at 1750 hrs.

**Respectfully submitted by Larry / AB3TY, Secretary**

## MAY CONTESTING AT THE OK CORRAL

May 7 & 8 – ARI International DX Contest  
-- F9AA Cup - PSK

May 14 & 15 – WAB 7 mHz Phone Contest  
-- UA2 QSO Party

May 21 & 22 – Baltic Contest  
-- EU PSK DX Contest

May 28 & 29 – CQ WW WPX Contest - CW  
-- Cwops mini CWT Test



## VE TEST SESSION

There will be a test session this month May 6<sup>th</sup> at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact George / N3SQD at [george@bioserv.com](mailto:george@bioserv.com) or Al / W3CE at [w3ce@arrl.net](mailto:w3ce@arrl.net) Also a second VE session will be held on May 10<sup>th</sup> at 7 PM for the testing of the classes, but is open to the public.

## NEW MEMBERS

The DLARC is continuing to grow, so be sure to greet our new members, shake their hands, and give them a warm welcome to our club. The newest members are Brian Kerzwell / KD2KPU and James lees / W3NKD.

## Silent Key

*The D.L.A.R.C. Wishes to honor and to express its  
sadness at the passing of a club member or  
former club member.*

**Alfred J. Luisser / W3EUD**

### MAY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 <b>Orthodox Easter Sunday</b>	2	3 <b>CLASSES</b>	4 <b>DLARC Net (KB3WYJ)</b>	5 <b>DL ARC MEETING 7:30 PM</b>	6 <b>VE SESSION</b>	7
8 <b>Mother's Day</b>	9	10 <b>CLASSES VE Session</b>	11 <b>DLARC Net (ND3JJ)</b>	12	13	14
15	16	17	18 <b>DLARC Net (NB3R)</b>	19 <b>DLARC BOARD MEETING</b>	20	21 <b>Armed Forces Day</b>
22	23	24	25 <b>DLARC Net (W3CE)</b>	26	27	28
29	30 <b>Memorial Day</b>	31				

### FIELD DAY 2016

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. Each year over 35,000 amateurs gather with their clubs, friends or simply by themselves to operate.

ARRL Field Day is not a fully adjudicated contest, which explains much of its popularity. It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, most groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to local elected community leaders, key individuals with the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The 2016 Field Day will be held on the week end of June 25th and 26th At the Louise Moore Park in Bethlehem Township. The DLARC will be located in Pavilion #5 which is located on the east side of Country Club Road. The same location as last years picnic.

Stephanie / WX3K is chairman of this event and will be looking for volunteers to help with all phases of the event. A sheet will be at both the May and June meeting for signing up. Help is needed with setting up, tearing down and also putting together the food and drink.

## WARMINISTER AMATEUR RADIO CLUB HAMFEST 2016

**Sunday, May 1<sup>st</sup>. 2016 (Rain or Shine)**

**Open at 7 am. (Vendersat 6 am.)**

**Talk-in 147.09+ (131.8) / 443.95+ (131.8)**

**Location:**

**Middletown Grange Fair**

**576 Penns Park Road**

**Wightstown, Bucks County, Pa.**

**For More Info:**

**Web: [www.k3dn.org](http://www.k3dn.org)**

**Hamfest and vendor Contact: Mike Karabin / WJ3O 215-3174029**

**email: [hamfest16@k3dn.org](mailto:hamfest16@k3dn.org)**

The DLARC's National Parks on the Air activation of the Delaware Water Gap National Recreation Area

The logo features the text "National Parks" in white on a dark green background. Below it, "ON THE AIR" is written in green on a yellow rectangular background. The year "2016" is displayed in white, with the "0" replaced by a diamond-shaped ARRL logo containing the letters A, R, R, and L. At the bottom, the website "www.arri.org" is written in yellow.

Date: June 4, 2016 (Rain date June 5, 2016)

Time: 9AM - 5PM

Location: Park Headquarters, River Road, Bushkill, PA

GPS: 41.070583 -75.016963

**One Transmitter and antenna will be in operation, bring your own chairs, food etc. for a fun filled afternoon.**

**MONTHLY BRAIN TEASER**

"A special prize awaits the first Club Member to submit the correct answer to this month's Brainteaser to the Pete / NL7XM, *only*, at nl7xm@arri.net The winner must be present at the next Meeting to receive it, or it goes unrewarded. Officers, Board members, Newsletter staff, and Brain Teaser Authors are not eligible to win."

de Pete / NL7XM

**APRIL BRAINTEASER ANSWER**

The mathematician made a small fence around himself and declared himself to be on the outside.

Winner – Dennis / KC3AOM

**MAY BRAINTEASER**

5 people of different nationalities live five houses of different colors smoke cigars of 5 different brands drink 5 different drinks raise animals from 5 different species

The Norwegian lives in the first house

The Englishman lives in the red house

The green house is to the left of the white house

The Dane drinks tea

The person who smokes Blend lives next to the one who raises cats

The person who lives in the yellow house smokes Dunhill

The German smokes Prince

The person who lives in the middle house drinks milk

The person who smokes Blend has a neighbor who drinks water

The person who smokes Pall Mall has birds

The Swede keeps dogs as pets

The Norwegian lives next to the blue house

The person who keeps horses lives next to the yellow house

The person who smokes Blue Master drinks beer

In the green house, the owner drinks coffee

Who has goldfish?



## 6 LEHIGH VALLEY VOLUNTEERS AT BRUSSELS AIRPORT DURING TERROR ATTACK

By Pamela Sroka-Holzmann | For [lehighvalleylive.com](http://lehighvalleylive.com) The Express-Times

At about 3:30 a.m. Tuesday, Cindy Hornaman recalled receiving a horrifying text message from her husband, Chris Hornaman / NU3, a long time member of the DLARC..

Six volunteers from the Lehigh Valley with members of the Centennial School just before leaving Africa. (Courtesy photo) Chris Hornaman, a member of the Lehigh Valley Chapter Engineers Without Borders and the Emmaus Rotary Club, was flying home with five other volunteers following a service project in Africa.

"It said, 'Hi, arrived in Brussels. Explosions. We're safe. Watch TV,' " Cindy Hornaman recalled.

The group was headed home after spending two weeks in Sierra Leone helping to rebuild a school. Aside from Chris Hornaman, the other five volunteers were Herb Klotz, president of the Allentown West Rotary and a member of Engineers Without Borders; Jennifer Holman, assistant superintendent of the Northwestern Lehigh School District; Pete McKnight, a teacher in the district; Carl Zvanut, member of Engineers Without Borders; and Tom Powers, member of Engineers Without Borders.

Their flight home was supposed to run Africa to Belgium and then, fly home into Newark International Airport, New Jersey by March 21.

But instead the flight leaving Africa was delayed a day and caused the group to wait in-transit March 22 at the Brussels airport. The group was stationed in a waiting area during the explosions, one reported by a suicide bomber, in the departure hall at Brussels Airport.

The explosion killed an estimated 10 people just before 8 a.m. local time on Tuesday, or 3 a.m. Eastern time. About an hour later, another explosion reportedly occurred at the Maelbeek subway station in central Brussels, not far from the European Union's core institutions.

The explosions have been deemed the worst terror attack in Belgium's history, killing a total estimated 20 people and wounding 230 others.

### Escaping tragedy

None of the Lehigh Valley volunteers were injured.

The group left their luggage behind when they airport was evacuated. They then fled to Leuven, a small village about 30 kilometers away from the airport, Cindy Hornaman said. The group was cared for by a Belgium Rotary Club.

"Constant efforts were made working with Rotary International and Engineers Without Borders, as well as others, to get the team out of Belgium and home to the USA," Cindy Hornaman said.

The group eventually was able to board a train for Germany and then, fly home. The group arrived at Newark International Airport at 5 p.m. Saturday.

"They're fine right now; After a couple days, this might hit them more," Cindy Hornaman said. "Their focus now is to get as much help as they can for their (future) missions."

### Continuing service

Aside from Hornaman, Herb Klotz, Carl Zvanut and Tom Powers also are members of the nonprofit Lehigh Valley Chapter of Engineers Without Borders. The group has a goal to help build infrastructure in struggling communities.

That group of engineers, along with the Rotary Club volunteers, were helping to rebuild Centennial Secondary School in the rural village of Mattru Jong, Sierra Leone. The school had been ransacked by rebels during Sierra Leone's civil war, which lasted for several years in the 1990s.

Cindy Hornaman said the school initially had no sanitation or water, describing the country as "shattered" following the conflict. She said the building had no electricity for 25 years.

The volunteers began two years ago working to drill wells and build a sanitation system. Earlier this month, the group continued their project, installing solar panels for electricity, she said.

The Northwestern Lehigh School District employees had traveled with the group to learn more about a cooperative long-distance learning program with the Sierra Leone teachers, Cindy Hornaman said. The group already is planning for future mission projects. Two fundraising events are scheduled to help with the efforts:





## NOTICE -- NOTICE -- NOTICE

If you miss Sauder Electronics, try <http://www.rfstuff.com>

I found out about them while attending Quartzfest this past January.

They are west coast so don't expect to see them at any local hamfests. Everything they have is available via mail order.

AL / W3CE

## WEB SITE OF THE MONTH

<http://www.flixy.com/the-future-is-here-personal-electric-helicopter-first-manned-flight.htm>

## 2016 CQ WPX RTTY Contest from Station NJ3I ( PART 2 )

By Dave Arwood – NB3R

### And We're Off

The contest starts and the bands are packed. Jon is on 40 meters running a frequency logging a many European stations at a good rate. I start on 20 meters with the beam pointing to Europe. We watch the Info window in N1MM. It tells how many multipliers and QSOs are available on each band. Strong signals from Europe are spotted on 80 meters and I make the band change at 00:45 UTC and stay there all night. Jon stays on 40 meters all night. Jon and I takes turns for a short nap around 4 am local time and keep one station on the air. The QSO rate is slow around this time.

At 7 am local time we have logged 644 QSOs and have 1 million points. Not stellar, but the QSO rate really drops from 3am to 6 am local time. We watch the Skimmer spots and I switch from 80 to 20 meters at 12:00 UTC and begin a good run to Europe. At 13:00 UTC Jay begins his shift and relieves on me 20 meters. I relieve Jon on 40 meters so he can cook breakfast. He makes a fantastic Croissant French Toast!

I switch from 40 to 15 meters at 13:00 UTC. The switch is a little early for 15 but the Q rate on 40 meters is very low so we are at least working multiplier stations. We notice that WX3SKY stays on 40 meters well past 10 am local time and we wonder why. They are likely just working US stations at this time of the morning. Working Europe will yield more multipliers.

AT 16:00 UTC Skimmers begin reporting spots on 10 meters from Europe. Jay makes the switch from 20 to 10 meters and works 40 multipliers. Propagation is not good for calling CQ on 10 meters so Jay moves back to 20 meters. Jay finishes his shift at 20:00 UTC and we have 1,320 Qs in the log.

Skimmer starts spotting Japan at 22:00 UTC on 15 meters. Jon moves from 15 meters to 40 meters so I can use the beam on 15 meters. I work forty JA stations, Guam, Hawaii, Alaska, and Australia in 35 minutes. While there are many northwest USA stations on 15 meters calling, few are multipliers. I move to 80 meters at 00:00 UTC Sunday. The band is opening to Europe. The point value on 80 and 40 meters is double. John is on 40 meters and I am on 80 meters through the night. At 1 am local time, Sunday, we have 4 million points in the log.

Like Saturday morning, the QSO rates on Sunday really slows around 3am local time. Jon and I both fall asleep in our chairs. Jon wakes me up around 6 am mumbling something. I have my eyes closed hoping for a more sleep. Then he says "I had a dream that I was watching George Bush sing!". I told him that was not a dream but a nightmare. We both had a good laugh and were up for the rest of the day.

12:00 UTC Sunday: I move from 80 meters to 20 meters. Jon moves from 40 meters to 15 meters. We have 1,925 contacts in our log. Jay begins his shift around 9 am local time and relieves Jon on 15 meters. We plow on for the next few hours hunting multipliers.

15:00 UTC: Ten meters opens to Europe like someone flipped a switch. I switched to 10 meters and begin calling CQ. I work 120 contacts in 90 minutes (a good rate for Sunday). Then the band starts to die. Our competitors at WX3SKY missed this opening. They don't move to 10 meters until 17:00. The band is nearly closed to Europe and the effects of a CME begin to effect propagation to the south. I move from 10 meters to 20 meters to and have a decent run for the next two hours.

19:00 UTC: We meet our goal of 6 million points. Five hours until the end of the contest. At this point in the contest multipliers are difficult to find. When they do show up everyone tries to work them at the same time. Everyone sends their call sign multiple times and QRM (interfere) each other. The mult station can't pick out a station from the QRM. I send my call sign one time just after the QRM ends. This proved to be a good strategy as I was able to work nearly all the new multipliers with one call.

23:00 UTC: One hour remains in the contest. We surpass 7 million points. The RTTY Skimmers begin spotting station on 15 meters in Asia. I call CQ and work a bunch of west coast USA stations. Not what I wanted but I also work 15 JA stations. Most of them multipliers. I watch the spot list closely looking for multipliers. China, Taiwan, and Guam are spotted on 15 meters. The pile ups for each of them are huge. It is obvious they are having difficulty in picking out a call sign in the heavy QRM. I give up and resume calling CQ. Jon has a good run going on 40 to Europe and manages to work several multipliers.

With 10 minutes to go in the contest we have 7,250,00 points. Jon and I have a laugh and wonder if we can get 50,000 points with 10 minutes to go. At this stage in the contest a multiplier is worth about 6,000 points but they are very hard to find. We decide the best strategy is to continue to call CQ. At 23:58 we log our last contact and our score tops 7.3 million points.

Our results.

Band	QSOs	Points	Prefixes
3.5	465	1386	155
7	653	2498	250
14	705	1722	240
21	652	1597	252
28	187	549	46
Total	2662	7752	943

**Score: 7,310,136**

So what of our nemesis WX3SKY? I checked the list of submitted logs on the contest's website on Monday morning. Their score is 6,650,826 points. We beat them with a margin of 660,000 points! They logged 184 more contacts than we did but we had more score multipliers. Our band management strategy seems to have paid off.

While the scores are not official until the log checking is complete we should retake the Multi-Two record for the W3 call area. Based on the scores submitted we are #2 in North America and #7 in the world in the Multi-Two category.

We still have a lot of room for improvement. John wants to put up another beam antenna. We need to tweak our macros to reduce our dependence on mouse clicks. We need to figure out how operate two VFOs more efficiently. We also need to find another experienced operator so Jon can get more sleep and not have nightmares of George Bush singing to him.

References:

[aa5au.com/GettingStartedOnRtty.pdf](http://aa5au.com/GettingStartedOnRtty.pdf)

[www.cqwprrty.com](http://www.cqwprrty.com)

[www.reversebeacon.net](http://www.reversebeacon.net)

[n1mm.hamdocs.com](http://n1mm.hamdocs.com)

[www.rttycontesting.com](http://www.rttycontesting.com)

### DXCC DELETION OF KINGMAN REEF

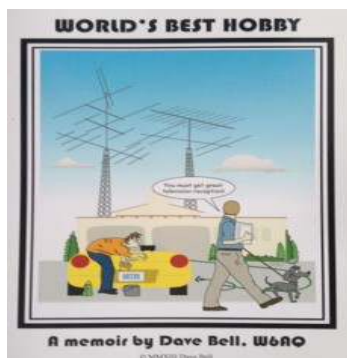
The ARRL Awards Committee has voted to delete Kingman Reef (KH5K) from the DXCC List, effective 29 March, 2016. Kingman Reef will be added to the Deleted Entities List on 29 March, 2016. The total number of entities on the List will drop from 340 to 339.

The deletion process is described in DXCC Rules Section II DXCC List Criteria, Part 5(a) Deletion Criteria: "An entity may be deleted from the List if it no longer satisfies the criteria under which it was added. However, if the entity continues to meet one or more currently existing rules, it will remain on the List."

With respect to the previous paragraph's text, Kingman Reef's original addition by virtue of separate administration has changed (separate administration by the U.S. Navy has been removed), and the reef does not meet any current criteria to remain on the list. The U.S. Fish and Wildlife Service administers Kingman Reef and Palmyra Island. The reef is too close to Palmyra Island to count as a separate entity. The reef is now considered part of the Palmyra/Jarvis DXCC entity.

DXCC members who have affirmed credit with Kingman Reef will see their current entity totals drop by one on their DXCC awards --including on the bands and modes where Kingman Reef credit is given They will also see their DXCC Challenge totals drop commensurately. Honor Roll status will now be attainable after confirming 330 entities on the DXCC List.

### BOOK OF THE MONTH



### **CW Forever**

**You must have at times, thought into the past,  
where some things go out, while others last.  
What comes to my mind is the Old Morse Code,  
that has wandered the storms from any abode.  
To talk with one's fingers, is surely an art,  
Of any info you care to impart.  
In most conditions the signals get thru,  
while the same about phone is simply not true.  
Those dits and dahs cut through the trash,  
of nearby noise or lightning's crash.  
To the sensitive ears of the ham receiver,  
who records this data with ardent fever.  
He knows he's doing something unique,  
in such poor conditions, that's quite a feat!  
To roger the message that came off the air,  
these brass pounders sure do have this flair.  
They say Morse Ops are a dying breed,  
but don't despair, there's always that need.  
When conditions get rough for the new automation,  
be rest assured, there'll be need for your station.  
CW is dying? Believe it never;  
this mode will be 'round forever and ever.  
But one thing is sure, what we really need,  
is to relay our knowledge to the younger breed.  
To carry the torch, long after we're gone,  
to send Morse Code thru the air like a song.  
When at last, Silent Keys pull that final lever,  
we can Rest In Peace--it's CW Forever!**

...by WA1TBY and credit to the Newsletter of the Texas NTS CW Net (TEX)

### **WHERE DID THE TERM "HAM" FOR AMATEUR RADIO OPERATORS ORIGINATE?**

If you search the Web for the origin of the term "HAM" for radio amateurs, you will find two or three accounts that are evidently most believed. However, this version seems to be the most credible. It was provided to me by a very active and accomplished HAM, Mr. Cornell D., who is not given to propagating bad information. I tried unsuccessfully to locate an original version of the "Florida Skip Magazine" from 1959. If anyone has a copy that can provide a scan of the article, it would be a great service to all HAMS if you could send it to me for posting. Thanks.  
All copyrights acknowledged, but unknown

#### **Why radio amateurs are called "HAMS"** (from Florida Skip Magazine - 1959)

Have you ever wondered why radio amateurs are called "HAMS?" Well, it goes like this: The word "HAM" as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY.

At first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU," using the first two letters of each of their names. Early in 1901 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO." They then decided to use only the first letter of each name, and the station CALL became "HAM."

In the early pioneer days of unregulated radio amateur operators picked their own frequency and call-letters. Then, as now, some amateurs had better signals than commercial stations. The resulting interference came to the attention of congressional committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity. In 1911 ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH, a member of one of the committees hearing the Bill. The Senator was so impressed with the thesis is that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through that they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and little station "HAM" became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the "...poor little station HAM." That's how it all started. You will find the whole story in the Congressional Record.

Nation-wide publicity associated station ""HAM" with amateur radio operators. From that day to this, and probably until the end of time in radio an amateur is a "HAM."



## HISTORY OF THE RADIO CORP> OF AMERICA Rob / AB3RC

RCA Corporation, formerly (1919–69) Radio Corporation Of America, major American electronics and broadcasting conglomerate that is a unit of General Electric Company. Among its subsidiaries is the National Broadcasting Company (NBC) Headquarters are in New York City.

RCA was founded as Radio Corporation of America by the General Electric Company in 1919 to acquire Marconi Wireless Telegraph Company of America (incorporated in 1899). A subsidiary of a British-owned company, Marconi Wireless at that time was the only company capable of handling commercial transatlantic [radio](#) communications, and General Electric took it over with the assistance of the U.S. Navy Department, which was eager to keep the technology in American hands. For the following 50 years the company was led by David Sarnoff, who built the company into a modern communications conglomerate.

Westinghouse beat RCA to the first commercial radio broadcast in 1920, but Sarnoff followed in 1921 with the first sports broadcast. In 1926 the National Broadcasting Company was set up to carry on the company's radio activities. In 1929 the company acquired the Victor Talking Machine Company and in 1939 developed the first experimental television set. The first black-and-white sets went on sale in 1946, and colour became available four years later. Meanwhile, NBC had divested itself of one of its two networks (the "Blue" network), and this became the American Broadcasting Company (ABC). General Electric Company acquired RCA in 1986 for more than \$6,000,000,000 in what was the largest non-oil company merger up to that time. RCA also is active in military and space electronics and satellite communications. In 1987 General Electric sold RCA's consumer-electronics manufacturing operations to the French corporation  
*(Editor Note; Rob was formerly an engineer with RCA)*

### ARRL HF BAND PLANNING COMMITTEE SEEKS SUGGESTIONS ON IARU REGION 2 HF BAND PLAN

The ARRL Board of Directors' HF Band Planning Committee is inviting input from the US Amateur Radio community regarding possible changes to the International Amateur Radio Union (IARU) Region 2 Band Plan. The band plan can be found on the web at, <http://www.iaru-r2.org/band-plan/>.

That band plan and other significant Amateur Radio spectrum issues will be high on the agenda at this fall's IARU Region 2 General Assembly in Chile. Leading up to that gathering, the ARRL and other IARU member societies in the Americas will be seeking comments and suggestions regarding the Region 2 HF Band Plan. The HF Band Planning Committee will review the current plan, consider comments from the US Amateur Radio community, and recommend any changes to the ARRL Board for submission to IARU Region 2.

"The ARRL HF Band Planning Committee wants to stress that the IARU Region 2 Band Plan is a voluntary guideline and does not supersede FCC regulations related to spectrum usage," Committee Chairman and ARRL Second Vice President Brian Milesosky, N5ZGT, noted. He also pointed out two other issues for radio amateurs to consider.

Most Region 2 countries outside the US do not have the sort of detailed sub-band regulations contained in the FCC's Part 97. For radio amateurs in these countries, the Region 2 Band Plan may serve as the only source of guidance on spectrum usage.

The designation of a calling frequency or band segment for a particular purpose or mode in any IARU band plan does not convey any special rights or exclusivity of use. On the other hand the absence of a calling frequency or band segment associated with a particular purpose or mode should not suggest that these have been overlooked or are viewed negatively.

The Committee is urging US radio amateurs who are considering suggesting revisions to the IARU Region 2 Band Plan first to study the existing IARU Region 2 Band Plan. They then should formulate a clear statement of any proposed changes, including a brief explanation of why each particular change would benefit all IARU Region 2 spectrum users. Participants should include name and call sign. Submit input via e-mail by June 1, 2016 to, [bandplan2016@arrl.org](mailto:bandplan2016@arrl.org). Messages will be automatically acknowledged.

Radio amateurs licensed in Region 2 countries other than the US should contact their own IARU member society for information on how to participate in the band-planning process. A list of societies can be found on the web at, <http://www.iaru-r2.org/directory/>.

The 19th IARU Region 2 General Assembly will take place in mid-October in Vina del Mar, Chile. Held every 3 years, the Region 2 Conference is attended by delegations from IARU member societies in throughout the Americas.

### REDNERS' SUPERMARKETS SAVE-A-TAPE PROGRAM

#### Here's how it works:

Redner's has a terrific program to support the Club **AT NO COST TO THEM**, if our members simply sign up for a Gas Card that records their shopping points, and give their cash register receipts to, **Pete / NL7XM**, He'll do the rest.

**Note: This does not affect your gas points in any way.**

### HELP THE ENVIRONMENT

Donate your old, empty printer ink cartridges to the Club for recycling. Any brand, model, size or shape; color or black. Please bring them to the meeting in a leak proof ziplock type baggie and give them to Pete / NL7XM. This simple act can help your Club by reducing recurring expenses, and make you feel a lot better about our environment.

**F.Y.I.**

The June Program will be "Radio in the Disappearance of Amelia Earhart" - Brian / KN4R

The D.L.A.R.C. meets the "FIRST" Thursday of each month. Membership, friends and interested persons meet at the Bethlehem Township Community Center, 2900 Farmersville Road, Bethlehem, Pa. 18020 ) at 7:30 PM. Committee reports and announcements of all present and future activities will be presented at that time. Followed by that month's program.

**ARES, RACES AND DLARC NET**

All Radio Amateurs are welcome to participate in the ARES, RACES and DLARC net. This net meets Wednesday at 1900 hours local time, on the W3OK Repeater 51.76, 146.70 and 444.90 ( pl 151.4 ). With an alternate frequency of 147.370 ( DCS 315 ) W3OI Repeater.

QCWA Chapter 17 holds a net Monday evenings at 8:30 PM on 3960 +/- depending on conditions. Other inputs are the 146.85 repeater, (151.4 PL) and Echolink at K2PM-R.

Mid-Atlantic D-Star Net meets each Tuesday at 7:30 PM. The following repeaters Dstar repeaters are available in the Lehigh Valley. W3OK -145.11000MHz -0.600 Port C – W3OI -147.16500MHz +0.600 Port C, – W3OI - 445.02500MHz -5.000 Port B All repeaters on the net are linked through **Reflector 020 port A**, so all stations checking into the net should make sure that they have *their local repeater call sign followed by the letter "G" in the eight position of the RPT2 field*. Otherwise, you will only be heard locally and not over the Reflector. Dongle users wishing to check into the net should Log On by connecting directly to Reflector 20, port A, rather than through your local repeater in order to conserve local bandwidth.

The OK Corral is an organization publication for the purpose of informing members of the D.L.A.R.C. of educational and training opportunities, club events, relevant news articles and a monthly calendar of daily activities, meetings and dates.

The Clubhouse telephone number is 484-895-7038.

**EXECUTIVE COMMITTEE 2015 – 2016  
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**PHONE NUMBERS FOR THE EXECUTIVE COMMITTEE OF THE DLARC  
CAN BE FOUND ON THE WEBSITE / MEMBERSHIP LISTING  
CLUB MEETINGS**

All regular meetings of the D.L.A.R.C. Are held on the first Thursday of each month at 7:30 PM at the Bethlehem Township Community Center  
TALK IN ON 146.700 (PL 151.4 )

**THE W3OK TRUSTEE --- Barry Vogt / N3NVA**

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