

# ACARC

## Azalea Coast Amateur Radio Club

December 2016  
Edition



### ACARC

#### President

Julian Bradberry  
(WD4FTR)

#### Vice President

Linwood Todd  
(NT4F)

#### Secretary

Norman Clemmons  
(KI4YSY)

#### Treasurer

Allan Pellnat  
(KX2H)

#### Newsletter

acarcnews@gmail.com

**Azalea Coast  
Amateur Radio Club**

PO Box 4044  
Wilmington, NC 28406

**www.ac4rc.org**

### From The Vice President

*Results of the 11/15/2016 Officer Elections are as follows:*

***President:** Julian Bradberry (WD4FTR), re-elected*

***Vice President:** Jean-Paul Louis (N1JPL)*

***Secretary:** Norman Clemmons (KI4YSY), re-elected*

***Treasurer:** Anita Jacobs (KG4IIL)*

***Battleship Liaison:** Allan Pellnat (KX2H)*

### **Congratulations to All**

*After the elections process, Bill Morine (N2COP) gave the attending membership an overview of Ham Radio Remote Operation. The presentation was very interesting and informative*



*We had a newcomer to Ham Radio, Larry Nutt (N4NXX) visiting us at the 11/15/2016 meeting. Welcome Larry!*

*If you hear Larry on the air, please say Hi and welcome him to ACARC and Ham Radio.*

**Thanks for supporting me this year as Vice President**

**Best 73 and Good DX**

**Linwood (NT4F)**

**VP ACARC**

## ACARC Silent Key

**Charlie Vaughan (K4UWH)**

*Charlie passed away on November 12, 2016. He received his first Ham License in 1958 and advanced to General and then Extra Class. He moved to Wilmington in 1970 and soon after he arrived, he organized The ACARC. He served as president for a number of years, as recent as 2010 thru 2015. Charlie was a very active Ham Operator, which included DX and Contests. As a DXer, he worked over 300 countries. Charlie served with the USS North Carolina Battleship Commission. He also dedicated many hours at all of ACARC's events such as Field Day.*

*Charlie will be missed by all his friends and fellow Ham Operators*



### December 7th

#### **Pearl Harbor Day – Battleship USS North Carolina**

From 9:00AM and 4:00PM we will put the "Showboat" on the air on HF in commemoration of that day. We typically meet for breakfast at the K&W Cafeteria on Oleander Dr. at 8:00AM and then proceed down to the ship at 9:00AM. Join us for breakfast even if you can't commit to operate. With enough operators and loggers, we can anticipate having three stations simultaneously on the air using the NI4BK call sign and SSB, CW and digital modes. It's a good opportunity for newly licensed Technicians to get a taste of HP operating. In past years we have regularly managed several hundred QSO's during this event. We operate in two rooms that are part of Radio Central on the public tour so we have lots of opportunities to talk up amateur radio with the people touring the ship. If you've only seen what there is to see on the public tour of the ship this event also provides an opportunity to see Radio 2 the Main Transmitter Room that is our third station setup.

**Allan (KX2H) Battleship Liaison**

## From The VE

The next Radio License tests will be given on Friday December 9th, 2016 in the McKeithan Center, Room 339, North Campus Cape Fear Community College, 4500 Blue Clay Road.

Tests start at 10:00AM. A picture ID and \$15 cash is required. Also, if you have a license, you must have a copy with you.

Steve, AJ4JJ  
VE Testing



**No Monthly Meeting is held in December. Instead**

**We have A**

### **CHRISTMAS DINNER**

Tuesday evening, December 6<sup>th</sup> at 6PM

The Olive Garden, Market Street  
Fine Food and Great conversation

All Hams and wife or husband invited

**Thanks you Joe (W2KJ)**

# Mini Maker Faire 2016 Barnes & Noble, Mayfaire Town Center

November 5, 2016.

The Mini Maker Faire at Barnes & Noble brings together tech enthusiasts, crafters, educators, engineers, science club members, students, entrepreneurs, hobbyists and Makers of all kinds to learn from each other, get craft ideas and science fair project ideas, hear the experts, and work on projects.



Pete (WB3FYR) in charge of the ACARC activities

## A Future Ham Operator



When approached by a visitor they were asked if they would like to talk on a radio. They were then handed one of three Cobra MicroTalk GMRS/FRS UHF radios (x462MHz). No license required. After receiving instructions on how to operate the radio they could talk to either Jean-Paul (N1JPL) usually pretty close by, or Marilyn Shackleford the B&N Community Business Development Manager, located somewhere in the store, or talk to both. Pete also had his Yaesu HT



## INFORMATION CHART

<p><b>Who are you guys?</b> We are amateur radio operators living in Wilmington. We've here to give you some basic info about radios, things you may not know. Curious? Want more info? Don't understand? ASK! That's why we are here.</p>	<p><b>What is Amateur Radio?</b> Amateur radio is a non-commercial and practical use of radio waves, mostly for fun and enjoyment but is also used during emergencies. It requires a radio operator to have a license with a call sign both issued by the FCC.</p>	<p><b>But what can amateurs do?</b> Talk with other amateurs using many different modes and frequencies. Make antennas &amp; radios, use satellites, bounce signals off the moon, use high or low power, make friends, combine amateur radio, computers and the internet plus lots, lots more.</p>	<p><b>What do you mean by "radio"?</b> When we talk about radio, we generally mean using a transmitter to transmit our voice over radio waves to a receiver.</p>
<p><b>Are all radios used like that?</b> No! The reason you should know something about radios is because they are everywhere. Garage openers, cell phones, Wi-Fi, Blue Tooth, fire and police units, aircraft, radar, signals from Mars all use radio.</p>	<p><b>Hey, what are radio waves?</b> Well, they are electromagnetic signals that carry messages and are like ocean waves that surfers ride.</p>	<p><b>What are radio modes?</b> Modes are the final transmitted forms you send like the modes of AM, FM and TV. Amateur radio uses voice and other modes. Think of how many hours of information can be carried by a surfer carrying a watercraft bag with letters, CDs and videos inside.</p>	<p><b>What are some other modes?</b> Amateurs have a very special one called <b>Morse Code</b>. It has been around a long, long time. Another very popular one right now is <b>Digital</b>.</p>
<p><b>Do you want try your hand at Morse Code?</b></p>	<p><b>What is a radio frequency?</b> Think ocean waves again. Sometimes they come rapidly and sometimes slowly but always repeats between waves. With ocean waves this is called a period. The period is the radio frequencies except radio frequencies come much faster, up to billions per second.</p>	<p><b>What is a radio frequency cont'd.</b> The nice thing about a radio frequency is that you can select which one to use. Or another way of thinking about this is you are selecting all the other frequencies that you don't want to use.</p>	<p><b>Can I see a transmitter and receiver?</b> Sure. Most of the time (but not always) both of these are combined into one unit called a transceiver. We have VHF transceivers to show you as well as Walkie-Talkies.</p>
<p><b>Why not talk on cellphones?</b> Cellphones are good to call a number. If someone answers, they talk. Radio operators select a frequency then say "CQ" (or "hello anybody there?); this can be heard sometimes anywhere in the world. If someone answers, the two radio operators talk.</p>	<p><b>Do you want to hear a digital mode?</b> ASK!</p>	<p><b>Satellites Anyone?</b> SO-50 145.850/67.0 up down 436.795</p>	<p><b>Where can I find out more about radio?</b> You can find out about amateur radio on Wikipedia. YouTube or just use your favorite search engine and search for: "amateur radio" or "ham radio"</p>

The information chart displayed at the event was designed and constructed by Pete

The info chart was meant to create interest in radios in general, including radios used by amateur radio operators (Hams). First it explained what amateur radio operators do - talk to other amateurs in a number of different ways. Then came a short description of the wide use of radios (cell phones, garage door openers, Wi-Fi, Blue Tooth or any wireless device), plus a brief discussion of radio waves, frequencies and modes. Next came slides about Morse code, digital modes and satellites.

## Jean-Paul (N1JPL)



Jean-Paul had on display an Antenna for 2m and 73cm (440) that he built that was named "Slim Jim".



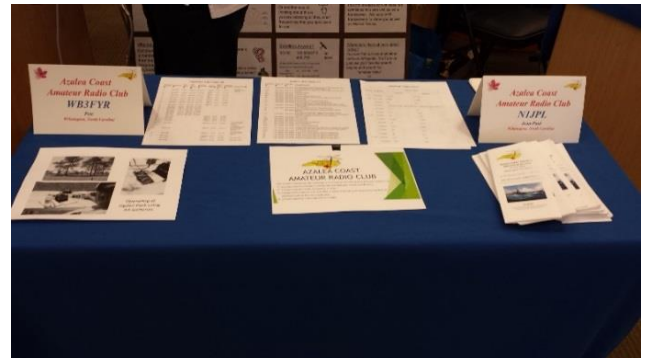
## Jean-Paul and George (KM4DSI)



George had a Morse Code setup that included a straight key and an Electronic Keyer with Iambic Key. Many visitors gave it a try



## Brochure Table



Several ACARC brochures were read by visitors and two persons expressed interest in joining the Club



## Azalea Coast Member Spotlight

**Member:** Linwood Todd, NT4F

### How did I get interested in Ham Radio?

When I was a youngster I was given a radio to listen to ... well couldn't leave well-enough alone and took it apart to see what made it tick!!! A few years later my mother would bring home her co-workers Radios for repair. Back then they were of the 5 tube variety. Well as luck would have it I was able to repair most of them with tube replacements or a power supply filter replacement.

While in High School I was enrolled in the Industrial Cooperative training (ICT) program, School half-a-day and work a half-a-day. At the time I was working for TV repair shops. Graduated High School and gained employment with WECT channel 6, in various departments. Left there in 1968 to join the Air Force.

Got married in 1974, and took my new bride to the frozen north. Average 150 inches of snow a year. It would take us three days to get from Marquette, Mi. back to Wilmington, NC!

**First Licensed:** 1976 as a Novice (WN4LEQ, Upgraded to Conditional (General), WA4LEQ, 1977, while stationed at K. I. Sawyer, AFB, MI. Upgraded to Advance in 1978, when stationed at Chanute, AFB, IL. Had to travel to Chicago and test before the FCC to be upgraded back then. That took two trips! Upgraded to Extra 1993, in Smithfield, North Carolina. Obtained Vanity Call NT4F, June 2007. Also Held German Call DA1OZ, while stationed with the Air Force in Zweibrucken, Ge. 1987 thru 1990.

**Areas of interest to me:** Public service, Satellite operation, Chasing DX, Antennas, Digital modes, VHF Contest, and putting out rare grids, just to name a few

**Some of the most exciting times in my years of ham radio:** Being the chased instead of the chaser especially ten meters. (Germany). Working Aero mobile, flying with a friend working another friend (Engineer) on a Train in motion. Working JY1, King Hussein of Jordan. Meeting many friend through 41 years of Ham Radio



## NEW Article

The Article **Azalea Coast Member Spotlight** that was on the previous page is going to be a monthly occurring Newsletter article. I had been trying to think of ideas for Newsletter Articles that talked about the Club members. Low and behold, Linwood (NT4F) contacted me and said "I have come up with an idea for the newsletter. Put in an article entitled **Azalea Coast Member Spotlight** with these categories ":

- 1- Members Name
- 2- How did I get interested in Ham Radio?
- 3- First Licensed
- 4- Areas of Interest to me
- 5- Some of the most exciting times in my years of Ham Radio

I told Linwood that I thought it was an excellent idea and that he should be first, so that we all understood how it should look 😊

I sure would like to see some articles come my way, so that I can have one for each monthly newsletter. If you have any questions or need any assistance in putting one together, email me at [ACARCnews@gmail.com](mailto:ACARCnews@gmail.com)

### ***Hitler Driven Crazy by Ham Radio***

*This is a funny link make sure you leave the period between tu and be*

<https://youtu.be/TiVlvcIPZx4>



Wishing everyone Good Health and Happiness. Also wishing you all a Very Merry Christmas and a Happy New Year.

Jake (KQ4TG) is still at Silver Stream Rehab Center. He developed an additional problem since he has been there. He is now on Dialysis. Jake is in room 217 and visitors would certainly be welcome. Make sure you call in advance to see when he is not in therapy.

I was told at last month's meeting that (WA3IRG) Bob's XYL, Janis was not well. I called Bob and he told me that she was not hospitalized, but did have an existing health problem. I will send her a Get Well Card.

Please let me know when there is a club member or member's family that is not well.

### **December Birthdays**

Dec 03 -Allan (KX2H)

Dec 21 -Bill (N2COP)

George

Km4dsi@arrl.net

### ***From The Newsletter Editor***

If you have anything that you would like to share with other Club Members, please send it to me at [ACARCnews@gmail.com](mailto:ACARCnews@gmail.com) . Let members know about your special on the air experiences or other events that you would like to share

