

ACARC

Azalea Coast Amateur Radio Club

November 2016
Edition



ACARC

President

Julian Bradberry
(WD4FTR)

Vice President

Linwood Todd
(NT4F)

Secretary

Norman Clemmons
(KI4YSY)

Treasurer

Allen Pellnat
(KX2H)

Newsletter

acarcnews@gmail.com

**Azalea Coast
Amateur Radio Club**

PO Box 4044
Wilmington, NC 28406

www.ac4rc.org

From The Vice President

The next meeting of the ACARC is 7:00 PM, Tuesday, November 15th, 2016 in the McKeithan Center, Room 339, North Campus Cape Fear Community College, 4500 Blue Clay Road. Talk-in on 147.180 +600khz. with a tone of 88.5hz

Election of club officers for the coming year 2017 are scheduled for the meeting. Please attend and cast your vote

Linwood, NT4F
VP ACARC

After the elections, Bill Morine (N2COP) will give a presentation That will center on Ham Radio Remote Operation. With many Amateur Radio operators facing either temporary antenna restrictions or space constraints for an effective antenna, Bill will outline alternatives in getting reasonable signals through remote operation, and how that does and doesn't count towards awards.

Bill is an ACARC member and also Vice Director – Roanoke Division Serving ARRL members in the Virginia, West Virginia, South Carolina and North Carolina sections



From The VE

At the testing on October 8, 2016, one person passed the Technician Exam and one passed the General Exam
Steve (AJ4JJ)

NOVEMBER 20TH



On Sunday, November 20th a Hamfest will be held at the American Legion Post 109, 605 Wall Street, Benson, NC 27504. This is an ARRL Sanctioned Hamfest sponsored by the Johnston Amateur Radio Society.

BUY, SELL, TRADE PLUS EXAMS, DEALERS, FOOD

DRAWINGS:

GRAND PRIZE – DUAL BAND MOBILE
SECOND PRIZE -TWO METER MOBILE

Website: <http://www.jars.net>

Talk-In: 147.270+ and 146.970-

Public Contact: Michael Callam , KD4MC
1916B Strickland's Crossroads Road Four Oaks, NC
27524
Phone: 919-934-9623
Email: jarsmember@yahoo.com



NOVEMBER 5TH

Mini Maker Faire 2016 at Barnes & Noble

Mayfaire Town Center

The Azalea Coast Amateur Radio Club will participate in this event on Saturday Nov 5th between 12noon and 3pm

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) will be in charge of the ACARC presentation and will be assisted by Jean-Paul (N1JPL) and George (KM4DSI)
All Club Members are invited

November 24TH



DECEMBER 6TH

CHRISTMAS DINNER

Tuesday evening at 6PM

The Olive Garden, Market Street
Fine Food and Great conversation

All Hams and wife or husband invited
Thanks you Joe (W2KJ)

Jamboree-on-the-Air



Jamboree-on-the-Air, or JOTA, is the largest Scouting event in the world. It is held annually the third full weekend in October. JOTA uses amateur radio to link Scouts and hams around the world, around the nation, and in your own community. This jamboree requires no travel, other than to a nearby amateur radio operator's ham shack. Many times you can find the hams will come to you by setting up a station at your Scout camporee, at the park down the block, or perhaps at a ham shack already set up at your council's camp.

Scouts of any age can participate, from Cub Scouts to Boy Scouts and Venturers, including girls. Once at the ham radio station, the communication typically involves talking on a microphone and listening on the station speakers. However, many forms of specialized communication may also be taking place, such as video communication, digital communication (much like sending a message on your smartphone but transmitted by radio), or communication through a satellite relay or an earth-based relay (called a repeater). The exchanges include such information as name, location (called QTH in ham speak), Scout rank, age, and hobbies. The stations you'll be communicating with can be across town, across the country, or even around the world! The World Scout Bureau reported that nearly 1 million Scouts and almost 20,000 amateur radio operators participated in the 2015 JOTA, from more than 17,776 stations in 151 countries.

Setting up the Station



On Saturday, October 15th, Karen (WA4CR) and Bill (N2WG) set up a 20 meter station on the Scout Headquarters lawn in Pine Valley using a KS3 Rig and a Buddy Pole Antenna



Karen was very successful in getting the kids to the mike and talking. One of the first contacts was with a pilot on a commercial run from Chicago to London on a 767 airline



What a Great Job



Bill and Karen did a Great job representing the ACARC and working with the scouts. Many words of praise are due them from all their fellow Ham Operators.

A Couple of ACARC Hams Onsite



Norman (K14YSY) and Jack (W4DIN)



Matthew Bull, Program Director for Cape Fear Council and Ken Kasten, Cubmaster Pack 747



Norman was Wearing his Boy Scout Eagle Medal



Certificate Presentation



At the ACARC Club meeting on Wednesday, October 18, 2016, Karen (WA4CR) and Bill (N2WG) presented to Club President Julian (WD4FTR) a Certificate of Appreciation from The Cape Fear Council of Boy Scouts



The Lunch Bunch

Oct 14th At the Bridge Tender, Wrightsville Beach

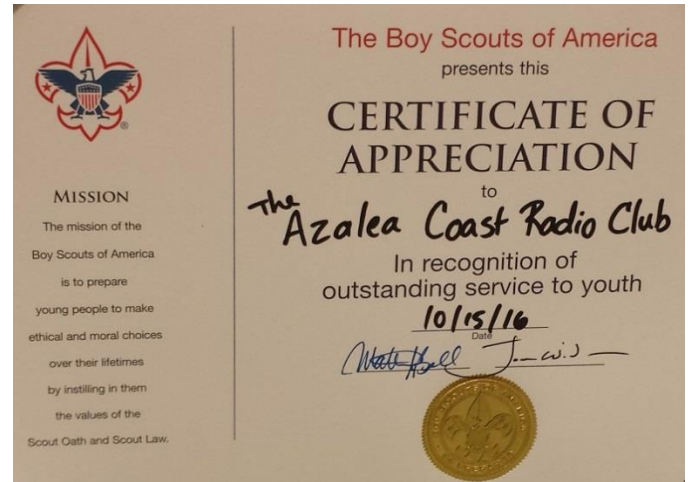


Left to right are Trudy (Steve's XYL), Steve (AJ4JJ), Jean-Paul (N1JPL), George (KM4DSI), Joe the "Lunchmiester" (W2KJ), Louise (Fred's XYL), Fred (AJ4CN), Hutch (NK0s), Jerry (KM4TKF) and Pete (WB3FYR)

luncheons take place every Friday at 11:45 AM



The Certificate



From Matthew Bull, Program Director for Cape Fear Council BSA



Wellness comes in a lot of categories, Physical, Financial, Emotional and Spiritual. Wishing wellness in all categories for each and every one. Charlie (K4UWH) and Jake (KQ4TG) are still in Silver Stream Rehab Center. Both are receiving physical therapy and dialysis. I saw Charlie on October 15th and he looked better. He told me he had developed a very positive attitude about his therapy and looked forward to the sessions. Jake was in dialysis and I didn't see him. Alan (KX2H) had a bout with shingles on his face. Hope to see him again at the next Club meeting.

Birthday : Nov 22nd -Bill (N2WG)

Remember: In May, I started sending out new style Birthday Cards. The Front is Club Name and Station Name and Call Letters No Year is mentioned. I sent the new cards to Karen (WA4CR) and Charlie (K4UWH) in October. These are one time cards. If you haven't received one, you haven't sent me your birthday month and day.

George - km4dsi@arrl.net



A Software Review

By George (KM4DSI)

VOACAP PROPAGATION ANALYSIS AND PREDICTION PROGRAM

I was talking with Hutch (NK0S) at a recent luncheon and he said the Club may be interested in utilizing a program named VOACAP and that I should do some investigation.

I went on the internet and found that VOACAP stands for **Voice of America Coverage Analysis Program**. It takes into account tens of parameters to support you in the planning and operation of long distance amateur or broadcast transmissions.

Because of the fact that a first time look at the product is very complicated, I decided to insert an article from ARRL for you to read and you then can visit some of the links listed www.voacap.com is a good place to start then you can go to VOACAP Online www.voacap.com/prediction/html

From ARRL

Jari Perkiömäki (OH6BG)

VOACAP Online, a Web-based propagation prediction application, is now up and running and making HF propagation predictions between any two points on the globe. (VOACAP is arguably one of the best HF prediction engines available today)

Just enter the coordinates of the transmitter and receiver sites and VOACAP Online uses the Voice of America Coverage Analysis Program (VOACAP) to calculate the maximum usable frequency (MUF) of the HF path between the sites. The results of the calculated prediction display a “circuit reliability” graph that indicates the probability of achieving a CW-grade transmission between the transmitter and the receiver.

If you're not sure of a transmitter's or receiver's coordinates, you can use the Google Maps-based QTH Locator www.voacap.com/qth.html to obtain that information. The VOACAP Quick Guide on www.voacap.com has loads of information about VOACAP including links for downloading the application.

In addition to Jari Perkiömäki (OH6BG), James Watson (HZ1JW) and Juho Juopperi (OH8GLV) are the wizards behind the curtain at VOACAP Online.

