

Airwaves on the Azalea Coast



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Upcoming Events

- Oct 03 11:45am Luncheon (Marabella Old World Pizza
6826 ½ Market St)
- Oct 10 11:45am Luncheon (TBD)
- Oct 17 11:45am Luncheon (TBD)
- Oct 18 10:30am NHC Public Library (Pine Valley)
- Oct 21 6:00pm Elmer Hour (Pine Valley Baptist Church)
Club Meeting
- Oct 24 11:45am Luncheon (TBD)
- Our 28 7:00pm ARES Meeting - 230 Government Center Dr
- Oct 31 11:45am Luncheon (TBD)

More details on these and other scheduled events can be found here: [AC4RC Club Calendar](#)

Club Officers

- Interim President - Mike Hartmann NI2S
- Vice President - Mike Hartmann NI2S
- Secretary - Gene Costa KD2RRP
- Treasurer - Bill D'Innocenzo K3WMD



From the President's Desk

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As one of a multitude of Hams who live in an HOA controlled community, I ask you all to take the small amount of time to add your voice to the effort to push through federal legislation that offers at least some relief from the usual almost guaranteed "NO" when seeking approval to mount an antenna on your property.

It's a simple process, and it's free - the ARRL will hand-deliver your letter to your designated representatives. All you have to do is enter your call on the ARRL provided website. That's it. Please help us out and don't delay.

In other club doings, our Nominations Committee is diligently working on nominations for the open President position.

Currently, we have 1 nominee! I defer to the Committee on when they will introduce the nominee(s) to the membership. If you're thinking about throwing your hat into the ring, please contact Rita Holmgren, Paul Winter, or Dan Monck to discuss asap.

Mike Hartmann, NI2S
Interim President

Member Spotlight - Paul Winter

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I have always been fascinated by the sciences... all kinds. They bring me a sense of wonderment and awe. From Dr. Frankenstein's electrifying laboratory experiment in 1931, TV's Science Fiction Theater in the 50's, Jacques Cousteau's undersea adventures, and onto Sputnik and space exploration!

Unable to play with chemicals in my kitchen at the age of eight, I turned to readily available batteries, SPARKS, and for the unschooled, the unavoidable 'tuned smoke'. Fortunately no fires.... thanks mom!

In my pre-teens, (living among many in the Bronx tenement building system), I wandered into a nearby superintendent's basement TV workshop. Floored by seeing the 'guts' of a tv - no cabinet, exposed wires... like that one going to the big picture tube, flashing screen, 'bulbs' glowing, and voices coming from a black cone - WHOA!

Fortunately for me, over the few years we spent together, Bob took the time to organize my wonderment and teach me a thing or two. He also introduced me to, and gave me, a Citizens Band Radio.... "Hey Bob, I spoke with someone in Georgia last night!!"

Fast forward some 30 years, with thanks to a Ham at work (W2RN - SK), I have earned an Amateur Radio Technician's license - after the Morse code requirement was dropped.

Fast forward another 24 years..... KiloWatts 4 GIs, Extra Class license! This, along with the General Class, earned through the Azalea Coast Amateur Radio Club in 2015!! AJ4JJ (Steve) took my money; WD4FTR (Julian -'Fat Tubby Rascal'); NK0S (Hutch); WA3IRG (Bob-SK), and Boss Man, WD4OIN (Jack) made it official.

After becoming an ACARC member, in addition to other local clubs, I decided it was time to pay-it-forward, get involved, and enjoy the camaraderie, and mentoring I have been a recipient of.

Member Spotlight - Paul Winter

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(Continued)

I have and will continue to enjoy participating in as many activities as possible that this club has to offer. From ARES community events, Field Days, Fox Hunting, POTA-THONS(Sept 27th!) and especially the USS North Carolina - Thank you Mike, NI2S.... "Mr. Battleship" for getting me interested and engaged. Thank you, Justin, K3EE, "Mr. Activities", for teaching me how to brute-force soldering copper to aluminum - among other things - Hi, Hi! Thank you Jeff, K4JEL, "Mr. President" (emeritus) for asking me to consider becoming Net Control for this club's Ragchew Net, filling the big shoes of Norman, KI4YSY.

Thank you All for attending our Monday Night Nets, listening to my Bad Dad jokes, and putting up with a 'Bronx (da Bronx!) accent'.

73 de Paul, KW4GI

Items of Club Interest



Outgoing President Jeff McCulloch, K4JEL, says a few final words on his seven years of leadership as Vice President and Interim President Mike Hartmann, N12S, looks on from the podium.

Pass The Bill | The ARRL Grassroots Campaign

ARRL has launched a nationwide grassroots campaign aimed at securing the passage of federal legislation that would grant Amateur Radio Operators the same rights to install antennas on their property as those enjoyed by users of TV antennas, wireless internet, and flagpoles.

Cast your vote! You do not have to be a member of the ARRL to cast your vote and make your voice heard!

<https://www.arrl.org/current-legislation>

Electing a New President

The Nomination Committee has been formed, and the members of the committee are Rita Holmgren, KO4GHW, Paul Winter, KW4GI and Dan Monck, KH7DM. Anyone interested in submitting their name for consideration should contact a member of the Nominating Committee.

FCC License Exam Schedule

Our next test session is October 16th @1030. The test site will be the New Hanover County Public Library Pine Valley Branch, 3802 S. College Rd in Wilmington, NC 28412. The final test session for the year will take place on December 20th.

Volunteer Examiners

We are always looking for more people to be on the VE Team. For more information, contact Justin Cokes (K3EE) at k3ee@yahoo.com.

Upcoming Club Activities

Our October activity is an antenna build Roll Up J-Pole. We need somewhere to do it. If anyone knows of a location where we can meet for this activity, contact Justin Cokes (K3EE) at k3ee@yahoo.com.



Battleship Update

The restoration team has been working on the separate power supplies for the majority of the ship's receivers. We have a good understanding now of what's required to restore each supply. Shortly we will start rehabbing supplies in pseudo assembly-line fashion. There are at least 14 supplies to go through and probably a few more we haven't located yet. We've also done an evaluation on the current state of the transmitters in Radio 2 and identified a few issues that need to be addressed. There are plenty of things to do with the ship's gear that doesn't require in-depth technical knowledge, plus this is a great opportunity to learn about restoring vacuum tube equipment. If you're interested, please contact me.

Mike Hartmann
NI2S

Tech Insights

For Mac Users - Being on Time on the Mac

An accurate clock can be important for many reasons. In amateur radio, a super accurate clock is critical for digital modes as we're dealing in milliseconds and not seconds and minutes.

The Amateur Radio Operator's Guide to Compasses: Your Silent Signal Companion

In the world of amateur radio, we often become captivated by the latest transceivers, cutting-edge antenna designs, and sophisticated digital modes. While these technological marvels rightfully deserve our attention, there's a humble yet indispensable tool that many operators overlook: the compass. This simple navigational instrument has been guiding explorers, soldiers, and adventurers for centuries, and it remains just as relevant for today's amateur radio operator.

HAMFESTS & CONVENTIONS**10/12/2025 - Maysville Hamfest**

Location: Maysville, NC

Type: ARRL Hamfest

Sponsor: Maysville Hamfest Assoc.

Website: <http://www.maysvillehamfest.org>

10/18/2025 - Winston-Salem Hamfest

Location: Winston-Salem, NC

Type: ARRL Hamfest

Sponsor: Forsyth Amateur Radio Club

Website: <http://w4nc.com>

11/16/2025 - 36th Annual JARSfest 2025

Location: Benson, NC

Type: ARRL Hamfest

Sponsor: Johnston Amateur Radio Society

03/06/2026 - 03/07/2026**Charlotte Hamfest**

Location: Concord, NC

Type: ARRL Hamfest

Sponsor: Mecklenburg ARS

Website: <http://charlottehamfest.org>

**04/04/2026 - RARSfest, The Raleigh Hamfest, ARRL
Roanoke Division Convention**

Location: Raleigh, NC

Type: ARRL Convention

Sponsor: Raleigh Amateur Radio Society

Website: <http://www.rarsfest.org>

09/04/2026 - 09/05/2026**Shelby Hamfest, ARRL North Carolina State
Convention**

Location: Shelby, NC

Type: ARRL Convention

Sponsor: Shelby Amateur Radio Club

Website: <http://shelbyhamfest.com>

Wilmington Area Amateur Radio Repeaters v
On-Air Within 40 Mile Radius Of Downtown Wilmington - AUGUST, 2025

ANALOG FM

<u>Freq.(MHz)</u>	<u>Call Sign</u>	<u>Location</u>	<u>PL Tone</u>	<u>Remote Access</u>	<u>Nets</u>	<u>Club Affiliation</u>	<u>Miscellaneous</u>
145.170	N4JDW	Leland	88.5		Tues. 7:00 PM		Brunswick SKYWARN Primary
145.250	KN4UKU	Leland	88.5				Brunswick SKYWARN secondary
145.370	N4GM	Bolivia	88.5			BSARC	Also C4FM Fusion
145.410	NC4NH	Wilmington	67.0		Mon. 7:00PM	NHC ARES	
146.730	N4ILM	Porters Neck	88.5			WVHFA	Upgrades in progress, 05/2025
146.820 *	N4ILM	Winnabow	88.5		Thurs. 8:00 PM	WVHFA	Use 147.060 as alternate, 05/2025
146.940	N4JDW	Hampstead	88.5			HH	
147.060	N4ILM	Malmo	88.5			WVHFA	Upgrades in progress, 05/2025
147.180	AC4RC	Wilmington	88.5		Mon., 9:00 PM	ACARC	Net Linked To 442.500
147.315	N4GM	Bolivia	118.8	EchoLink	Mon. 7:00PM ARES Mon 8:30 AM Ragchew	BSARC	Fulltime link 444.750 EchoLink Node 825587
147.345 *	N4ILM	Winnabow	88.5			WVHFA	
147.375	NC4PC	Burgaw	88.5		Mondays 8:00 PM	HH	Fulltime Link 443.550 except when in P-25 mode
224.520	WA4DAN	Kelly	91.5				
224.680 *	N4ILM	Winnabow	91.5			WVHFA	
442.025	N4JDW	Burgaw	88.5				
442.500	AC4RC	Wilmington	88.5		Sundays 8:00 PM	ACARC	Net sometimes on 147.18
442.600	N2MH	Oak Island	141.3				
443.550	NC4PC	Hampstead	100.0		Mondays 8:00 PM	HH	Fulltime Link 147.375 except when in P-25 mode
444.500	K4FXC	Wilmington	67.0				Relocating repeater, 05/2025
444.750	N4GM	Calabash	118.8			BSARC	Fulltime Link 147.315
444.85 *	N4ILM	Winnabow	88.5		Thurs. 8:00 PM		Swap Net - Thue=rsday Night
444.95 *	N4GM	Bolivia	118.8			BSARC	Also C4FM Fusion
444.175	N4JDW	Winabow	88.5				.

DIGITAL

<u>Freq</u>	<u>Call Sign</u>	<u>Location</u>	<u>Mode</u>	<u>CC</u>			
144.390	N4ILM-4	Winnabow	APRS			WVHFA	
144.900	K4BLA	Delco	DMR	CC1			2.5 MHz positive offset
145.370	N4GM	Bolivia	C4FM		East Coast WIRES-X	BSARC	PL 88.5 in Analog FM
442.600	N2MH	Oak Island	C4FM		Local Coverage	N2MH	PL 141.3 in Analog FM
444.075	N4JDW	Hampstead	P-25				
444.1875	N4JDW	Winnabow	P-25				
444.2375	N4ILM	Winnabow	DMR	CC1			NC-PRN --Internet intermittent 05/2025
444.95 *	N4GM	Bolivia	C4FM			BSARC	PL 118.8 in Analog FM
444.975	NE4SC	Shallotte	DMR	CC1			

NOTES: * Temporarily Off The Air
Receiver temporarily offline since 147.06 site being used for 146.82 transmit

LEGEND ON CLUB TRUSTEES OR OWNERS

ACARC - Azalea Coast Amateur Radio Club www.ac4rc.org
BSARC - Brunswick Shores Amateur Radio Club www.n4gm.org
HH - Hampstead Hams www.hampsteadhams.com
NHC ARES - New Hanover County Amateur Radio Emergency Services <http://nc4nh.org/>
WVHFA - Wilmington VHF Association www.n4ilm.org

Every effort is made to keep this list accurate, but not responsible if there are errors