



WELCOME TO THE

ARRL-ROANOKE DIVISION

North Carolina · South Carolina · Virginia · West Virginia

OVER 13,000 AMATEUR RADIO MEMBERS STRONG. AND GROWING!

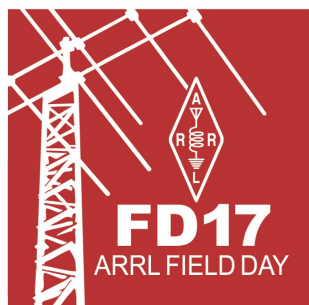


FALL 2017 EDITION



Follow the Roanoke Division on Facebook, Twitter and www.arrl-roanoke.com

Field Day Results In The Division



WWW.ARRL.ORG

Congratulations to the 16 clubs of the 137 participating from the division which placed in the top 100 out of 2,965 reporting across the U.S. and Canada. The total FD stations by section in the Roanoke Division were: NC—57, SC—20, VA—45, and WV—15.

RANK	CLASS	CALL	CLUB & STATE
2	12A	W4IY	Woodbridge Wireless (VA)
3	9AB	W4EZ	Orange Co./Durham FM (NC)
13	5A	W50DJ	Loudon ARG (VA)
21	9A	W4NC	Forsyth ARC (NC)
30	4A	K4HTA	Vienna Wireless Society (VA)
35	8A	W4DW	Raleigh ARS (NC)
38	3A	AA4NC	Still No Will FD Group (NC)
39	3A	K4CQ	Lynchburg ARC (VA)
55	3E	W4CB	(VA)
67	5A	K4NAB	N. Augusta-Belvedere RC (SC)
69	3A	W4XD	(VA)
71	2A	K4MN	Cape Fear ARS (NC)
72	8A	K4TS	Rappahannock Valley ARC (VA)
78	2A	K4SV	Greer ARC (SC)
97	3A	W8SP	Mountaineer ARA (WV)
99	2A	AI4WA	Williamsburg Area ARC (VA)



Thousands of Ham Radio operators were on the air during the solar eclipse on August 21. The total eclipse transited through far western North Carolina and marched west to east through South Carolina, including the cities of Columbia and Charleston. Even the northern most point in the Roanoke Division, the panhandle of West Virginia between Pennsylvania and Ohio, still had in excess of 85% totality.

Measuring the impact of the eclipse on HF communications was a partnership between Virginia Tech, the New Jersey Institute of Technology (NJIT), and HamSCI, the Ham Radio Science Citizen Radio Investigation Team, an organization which coordinates Amateur Radio and academic research. 1,300 Hams signed up to participate in SEQP, the Solar Eclipse QSO Party, and 700 logs were received by the HamSci team. Their preliminary findings were delivered in early November at an NJIT conference, with formal presentations to take place February 23-24. As hypothesized, DX began to dry up 14 MHz and higher during the onset of the eclipse until its passing, and DX expanded on frequencies below 14 MHz during the event. The preliminary results can be viewed on episodes 368 and 369 of HamRadioNow at <https://www.hamradionow.tv/episodes/> and an overview of the eclipse project can be found in the Fall 2017 issue of NJIT's magazine at http://magazine.njit.edu/sites/magazine/files/fall2017_solar-eclipse-party.pdf



Roanoke Div. Director Dr. Jim, N2ZZ, prepares for Field Day interview with WBTW at Florence, SC club's FD location.



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Miriam Smith Award Goes To Tony Jones, KJ4CRO; Division mourns loss of Carl Smith, N4AA (SK)

Tony Jones, KJ4CRO, of Swannanoa, NC, is the 21st recipient of the Miriam Smith Award, given annually to the Ham in western North Carolina who has demonstrated an active and ongoing commitment to emergency communications in the region. The award is named in memory of Miriam Smith, KB4C (SK), former Buncombe County ARES® Emergency Coordinator and wife of Carl Smith, N4AA. The Smith Award and the Roanoke Division Service Award are the only two division level awards. Tony (L) received his plaque from Area 14 District Emergency Coordinator Steve Emory, N4SET, at the WCRAS Hamfest in Waynesville, NC.



The Amateur Radio world lost a pioneer on October 20 with the passing of Carl Smith, N4AA, of Asheville, NC. Carl was not only top of the DXCC Honor Roll, but was best known as the publisher of *DX Magazine*, and *QRZ DX* which he and his wife Miriam, KB4C (SK) (see story on left) managed for years. However, Carl was also committed to all aspects of Ham Radio. He was a founder of the Asheville Radio Museum, and created the Miriam Smith Award in memory of his late wife who served as an ARES® EC, and was devoted to emergency communications.



SCHOOL CLUB ROUNDUP

Congratulations to N4SMS, the Amateur Radio Club at Schofield Middle School in Aiken, South Carolina. Not only has the club come in #1 for all middle schools for the past four School Club Roundup (SCR) contests, but was the #1 school overall this past October and in February, 2016. SCR is held every February and October, and encourages schools from elementary to universities to get on the air. The Roanoke Division October, 2017 SCR results are below. If you have a school that would like to participate, go to <http://www.arrl.org/school-club-roundup>

RANK	CALL	NAME	LOCATION
<u>College/ University</u>			
4	W4ATC	North Carolina State	Raleigh, NC
		West Virginia University	Morgantown, WV
19	W8CUK		
<u>Middle School</u>			
1	N4SMS	Schofield MS	Aiken, SC
3	K4WBM	William Byrd MS	Vinton, VA
5	K4DMI	DuBose MS	Summerville, SC
9	K4PSA	Palmetto Scholars Academy	Summerville, SC
<u>Elementary</u>			
6	KM4TAY	Antietam Elementary School	Woodbridge, VA



KNOW SOMEONE DESERVING OF THE 49th ANNUAL ROANOKE DIVISION SERVICE AWARD?

Look for hyperlink to nomination form in email from Director Dr. Jim, N2ZZ. Nominations are due January 15, 2018



7th grader Annie at N4SMS is poised to push the PTT hand control to make a QSO during SCR. Logging for her is Barry Fraley, AB4BF



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WEST VIRGINIA UNIVERSITY TALKS TO ASTRONAUT ABOARD INTERNATIONAL SPACE STATION

On September 4th, WVU's Amateur Radio Club hosted a session with Astronaut Paolo Nespoli as part of ARISS, Amateur Radio Aboard the International Space Station. 15 elementary and middle school students asked questions during the 6 minute pass.



SHENANDOAH VALLEY VIRGINIA CLUB ESTABLISHES NEW ARRL SCHOLARSHIP

At the annual ARRL Foundation Donor Recognition Reception, former Roanoke Division Director John Kanode, N4MM, gave a check from the Shenandoah Valley Amateur Radio Club to establish a new scholarship fund. Ac-



cepting the check was Lauren Clarke, KB1YDD, ARRL Foundation Director. The ARRL Foundation sponsors more than 80 scholarships for undergraduate and graduate studies. Applications can be found at <http://www.arrl.org/scholarship-program> Deadline to apply is February 15, 2018.

60th ANNUAL JAMBOREE ON THE AIR DOWN SLIGHTLY, REMAINS AS KEY STEM TOOL

Many thanks to the hundreds of Hams and Scout leaders who demonstrated Amateur Radio to thousands of Boy, Cub and Girl Scouts during JOTA on the weekend of October 20-22. JOTA is a key event to introduce STEM curricula (Science, Technology, Engineering & Math).



OUTER BANKS REPEATER ASSOCIATION WINS GOVERNOR'S VOLUNTEER SERVICE AWARD

The Outer Banks Repeater Association (OBRA) is the winner of the 2017 North Carolina Governor's Volunteer Service Award. In its citation, Governor Roy Cooper wrote that OBRA sets itself apart from other organizations "by always being available, even when the weather drives other organizations to sit back and stay out of harm's way." The citation continues, "During other events they are often the first to arrive and the last to leave as they set up post to coordinate communications, ensuring that the event runs smoothly. And, when needed there is a focal point to deliver seamless coordination with emergency response personnel." Presentation of the award was made at the Dare County Board of Commissioners meeting.



Look For Our Holiday Greetings and the 2018 Roanoke Division Calendar Coming Soon. Until then, Merry Christmas and Season's Greetings To All. 73 de Director Dr. Jim, N2ZZ and Vice Director Bill, N2COP

