

Ham Chatter



Volume 45 Issue 11

An Official BARC, W4AMC, Publication

November 2011

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Email: barc@w4amc.com

*****CLUB MEETING *DELAYED* ONE WEEK TO NOVEMBER 15****

VFW facility will be used for a voting location on November 8.

BARC VE Results and News



Richard Campbell, W4JNC
*Amateur Extra Class upgrade
and New VE*

BARC VE Results for October

Three applicants attended the October 18 BARC VE session and all were successful. The FCC database was updated on 10/21/11. Richard Campbell, W4JNC, Farmville, passed the Amateur Extra Class exam to upgrade from Gen-

eral. Joshua Steele, KB3VKH, Greenville, passed the General Class license to upgrade from Technician. Darryl Derstine, Belhaven, passed the Technician exam and was assigned the call sign KK4EWN. Congratulations to all.

The VE's that attended were VE Liaison Ted Bertrand, KI4PWX, Gerry Clayton, K4IDD, Byron Highland, K4BMH, Bob Moore, N4USB, Thomas Styron, KB7L, and Dave Langley, W4YDY.

The next regular VE session will be Tuesday, December 20, 2011

New Volunteer Examiners

VE Liaison Ted Bertrand, KI4PWX, welcomes two new Volunteer Examiners from the Brightleaf Amateur Radio Club membership. Richard Campbell, W4JNC, and Tom McLaughlin, KE4NQP, both completed the ARRL VE requirements to earn their VE badges.

BARC Elections at November meeting

Elections for 2012 BARC officer will be held at the November 8 club meeting. The nominees are:

President	Richard Campbell	W4JNC
First Vice President	John McCoy	K4KBB
Second Vice President	Terry Monday	K4ZYD
Secretary	Brenda Bertrand	KJ4GDS
Treasurer	Ted Bertrand	KI4PWX
Board Member	John Prokop	N8MPX
Board Member	Bernie Nobles	WA4MOK

The nominations closed at the September meeting. There can be write-in votes. If you can't get to the November meeting and want to vote, request an absentee ballot. Contact person is Dave Pulver, KG4CZV, kg4czv@gmail.com. Be sure to get it back before the November meeting.

Next Meeting Delayed to November 15, 2011

The Brightleaf Amateur Radio Club will have its next meeting on Tuesday, November 15 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program TBA. Elections for 2012 club officers will be held. Peer awards vote was in October. All members, families and guests are invited to attend. The next board meeting will be November 29 at 7:30 PM at 631-B Dickinson Avenue - entrance at back of the building. All members invited.

Postage Rates to Increase in January



The US Postal Service has announced that as of January 22, 2012, the cost to mail first class letters, postcards and packages within the US will go up. The cost to mail a first class letter will be 45 cents, an increase of 1 cent. According to the USPS, this is the first increase since May 2009. The cost of mailing a postcard will be 32 cents, an increase of 3 cents. This is the second increase for postcard postage in less than a year; in April 2011, the USPS boosted the postcard stamp price from 28 cents to 29 cents. You will also pay more to send letters to Canada, Mexico and other international destinations. - via ARRL.ORG

Pitt County ARES News



In November 2008, I was named Pitt County ARES Emergency Coordinator. At the time, I wanted to serve in the position for 5 years. As I near the end of three years in the position, I have found the priorities in my life, both personal and professional, will no longer allow me to continue in this position. Therefore, effective November 30, 2011, I will resign my position as Emergency Coordinator. I plan to remain involved in ARES going forward, just not in a leadership position.

I want to extend my gratitude to all of those who have contributed to the efforts to improve Pitt County ARES over the past three years. Without you, the organization would not be what it is today.

There is a Pitt County ARES meeting scheduled for 7:30 pm on Thursday November 17, 2011. The meeting will be held at the offices of Peter Van Houten, **KG4WEZ**. More details can be found at www.pittares.com.

At this time, there is nobody appointed to become EC on December 1. If you are interested in this position, please contact Bill Dawson, **WA4SLC**.

Dave, **KG4CZV**

SkyWarn Recognition Day

The 13th annual SkyWarn Recognition Day will be on Saturday, December 3, 2011 at the National Weather Service office in Newport until 7:00 pm. Lunch will be provided. For more details, check out the official web page for the event at: www.wrh.noaa.gov/mtr/hamradio.



Happy Birthday

Well Wishes

Thoughts and Prayers go out to the following:

Brightleaf Amateur Radio Club members birthdays in **November**.

- 3 AF4QY Bob Hanrahan
- 8 KD4NHZ Walter Allen
- 14 KI4PWX Ted Bertrand

- Charlie Wells, K4SKI**
- Tom Parsons, W4TEP**
- Bob Moore, N4USB**
- John Prokop, N8MPX**
- Phyllis** wife of, **Bernie Nobles, WA4MOK**



Please inform Richard Campbell, **W4JNC**, [campbellerecu @ embarqmail.com](mailto:campbellerecu@embarqmail.com) of any changes.

Please let me know of any additions or corrections. - **W4YDY**

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, December 20**. VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Ted Bertrand, **KI4PWX**, 756-3734. bertrandf@ecu.edu. Please bring the following **required**:

- ◆ **Photo ID** (drivers license)
- ◆ **Original** Amateur Radio License
- ◆ **Copy** of Amateur Radio License
- ◆ **Original** CSCE's
- ◆ **Copy** of CSCE
- ◆ Test fee is \$15.00 .
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.
- ◆ SS Number will be needed if you don't have an FRN number.

Go to <http://www.w4amc.com/barcinfo.html#VE> for more information.

NC ARES Internet

<http://www.ncarrl.org/ares/>

Pitt County ARES

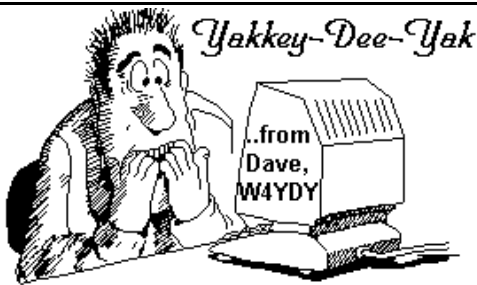
<http://www.pittares.com/>



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A note to Technician Class operators!

Do you have a High Frequency radio? The sunspots have increased and all of the HF bands are busy during daytime. Just because you have a Technician license, it does not mean you are stuck on VHF and UHF to use a microphone. You also have privileges on 10 meters from 28.3 to 28.5 MHz. If you were on the air on 10 meters during the CQ World Wide SSB contest on October 29/30, you could have contacted stations anywhere in the world. I haven't seen 10 and 15 meters this crowded since the early 2000's.

While working on Ham Chatter over the contest weekend, I took a few breaks to listen and work a few stations, mostly using 100 watts. It was especially easy on 10 meters. Many stations from Japan were kicking the S meter to S9 and one call to them resulted in a contact. I heard stations in every continent including several stations in China. I only made a little over 20 contacts, including New Zealand, Australia, Guam, Japan, Asiatic Russia, European Russia, Hawaii, Alaska and European stations. It was like fishing in a stocked swimming pool!

Bernie Nobles, **WA4MOK**, also was working many stations all over the world. During the contest period, Bernie said, "The bands are wild, made 52 contacts so far without really trying, all over the world, mostly on 10." He also reported John Prokop, **N8MPX**, was enjoying working the DX.

Conditions being like they were in 2000 and 2001, this is a great time to work DX and get the ARRL DXCC. I worked 100 countries in each CQ contest in 2000 and 2001. Upload to the ARRL Logbook of The World, and you may get the DXCC there. Although I got the DXCC before LoTW, I could get DXCC now with 183 confirmed on LoTW without spending

any money for paper QSL cards. But I wouldn't have the nice collection of over 1500 cards and postage stamps for all over the world.

If you have a Technician Class license, you should try 10 meters and make some contacts. It won't be long before you will be getting hungry for more band space. During the contest, I heard stations all the way up to 29 MHz but the Technician Class could only listen and drool! Now it the time to get the study manual and start to work on the General Class.

If you really want to know how much fun he has had since upgrading from Technician, just ask **W4JNC**. Richard up-

graded to General and got on the HF bands and really had a good time. He decided that he didn't want to use only part of the bands so he went for the Amateur Extra and now he just has to watch band edges instead of sub-band edges. With study guides and the Internet with practice exams, it makes leaning more interesting and somewhat easier.

For maximum pleasure and accomplishment with your Amateur Radio hobby, **UPGRADE!** - **W4YDY**

FREE: Sony 17 inch CRT computer monitor. Perfect condition. Great picture. Replaced computer. Land fill bound if no one wants it! w4ydy@arrl.net

World's Best Hobby - A book by Dave Bell, W6AQ

This book is for anyone who ever thought that Amateur Radio might be a fun hobby.

- It's for anyone who enjoys helping out in emergencies.
- It's for people who like to build things and have them work.
- It's for experimenters
- It's for adventurers.
- It's for communicators.

It's for all ages, men, women and children, and is a perfect hobby to take into retirement.

Ham Radio is a very tight fraternity with instant friendships and a large common ground. The hobby is so diverse, with so many specialties, that I've never met a ham who wasn't eager to be able to spend more time in the shack.

There are clubs of all sorts in cities and towns large and small. Many clubs are organized by specialty: Contest, Public Service, Repeater, Digital, Microwave, CW (Morse code), QRP (transmitting using less than 5 watts), and DX (talking to hams in foreign lands) and on and on.

There are conventions where hams learn more about the latest developments, see the newest equipment, search for bargains at the flea market, and meet old and new friends.

In my life I've made friends in high school, college, the military, and in my long career producing television and movies. Virtually all of my good friends, after all of those experiences, are hams.

Ham Radio is an enjoyable, lifelong learning experience.

Ham Radio is the World's Best Hobby.

Dave Bell, W6AQ

Editors note: The part I have read so far is very entertaining, funny, educational and a good story about Dave Bell. You want to keep reading to see what happens next. For me, it sometimes hits close to home! Brings back memories. I will get back to it as soon as I finish this newsletter! Anyone interested in Amateur Radio will enjoy this book. It's on the Internet at <<http://www.worldsbesthobby.com/>>. There are 18 chapters so far and Dave is still adding chapters it. There may be a printed version later. - W4YDY

FCC Tightens BPL Interference Rules -- But Not By Enough

On October 24, 2011, the FCC released the Second Report and Order in its proceeding -- now in its 9th year -- to adopt rules for Access Broadband over Power Line (BPL) systems. The Second Report and Order is the final step in the Commission's effort to comply with the directives of the United States Court of Appeals for the District of Columbia Circuit, which in April 2008 ordered the FCC to correct errors it had committed in the course of adopting rules in 2004. The Court acted in response to a Petition for Review filed by the ARRL.

In July 2009, the FCC issued a Request for Further Comment and Further Notice of Proposed Rule Making in which it proposed slight modification of measurement standards for determining whether a BPL system is in compliance with the maximum allowable levels of radiated emissions. In response, the ARRL argued that coupled with a scientifically valid extrapolation factor for determining those levels, mandatory notching of the amateur bands to a level 35 dB below the general emission limit would reduce the likelihood of harmful interference to amateur stations to a level that would permit any remaining harmful interference to be remedied on a case-by-case basis (see below). The ARRL noted that its request for mandatory notching simply reflected the best practices of the BPL industry.

In the Second Report and Order, the Commission decided not to adopt its own proposal and also declined to adopt the ARRL's request for mandatory notching. Instead, the Commission has increased the requirement for BPL systems to be able to notch frequency bands to at least 25 dB, an increase of 5 dB from the existing requirement of 20 dB. The Commission also made technical adjustments to its rules for determining the distance between a power line and a measurement antenna and for determining site-specific extrapolation factors.

"We were prepared to be disappointed, and we were," commented ARRL Chief Executive Officer David Sumner, K1ZZ, after reviewing the 76 page Second Report and Order. "The increase in notch depth is a step in the right direction, but the value of the change is greatly diminished by the notches not being mandatory. The FCC acknowledges that a compliant BPL system will increase the noise floor below 30 MHz at distances of up to 400 meters from a power line, but characterizes that as 'a relatively short distance.' How many amateur stations are located more than a quarter-mile from the nearest power line?"

More than 17 pages of the Second Report and Order are devoted to defending the Commission's choice of a 40 dB/decade extrapolation factor for measuring emissions at distances other than 30 meters from the power line. "It was particularly disappointing to read that '...ARRL asserts that there is only one scientifically correct and valid answer of an extrapolation factor of 20 dB...,' Sumner said. "That is a gross mischaracterization of our position. Our argument was that the 40 dB/decade value chosen by the Commission was demonstrably inappropriate for BPL, which the FCC acknowledges does not behave as a point-source emitter. Lacking an unambiguous scientific basis for a single value that would be equally valid across the entire frequency range from 1.7 to 30 MHz, the Commission fell back on the single value that defies physics -- while at the same time acknowledging

that '...ARRL is correct with regard to the physics of this issue.'"

One FCC statement with which the ARRL is in strong agreement occurs toward the end of the extrapolation factor discussion: "Whether the extrapolation factor is 20 dB or 40 dB or somewhere in between is far less important than the fact that harmful interference must be corrected under any circumstances." Unfortunately, Sumner observed, the FCC's deeds do not back up these words: "The Commission notes that there are not many interference complaints about BPL systems that are currently in operation, but inaccurately attributes that to the adequacy of its rules. In fact, it is the marketplace failure of Access BPL -- coupled with voluntary steps taken by the few system providers -- that are still in business that is responsible for this fortunate result." The one interference complaint that the FCC acknowledges receiving was filed by the ARRL on December 29, 2010, and which the Commission says was "...submitted recently [emphasis added] and is under investigation at this time." "A well documented interference complaint languishing for months is a perfect illustration of why mandatory notching is needed," Sumner said.

The Second Report and Order states that "...the BPL system database shows that BPL systems are currently operating in 125 ZIP codes across the United States." In fact, once non-existent ZIP codes are eliminated, there are 200 ZIP codes listed in the BPL system database. The FCC offers no explanation for why it has discounted this figure to 125, but neither figure reflects reality. "The BPL system database is filled with listings for 'paper' systems that were never deployed, systems that have been taken out of service and systems that are at some planning stage or are only offering service to customers within a small pilot area," Sumner said. "The FCC's own report on the status of Internet access services as of December 31, 2010 shows no more than 6000 customers nationwide receiving service via 'power line and other' connections, and about half of those appear to be 'other.' There is no reasonable explanation for why the Commission cites a flawed industry source for data when it possesses better data itself.

"One of the most puzzling sections of the Second Report and Order is that devoted to a discussion of the noise floor," Sumner concluded. "The thrust of the Commission's argument is that while natural and manmade radio noise is extremely variable, there is no point in regulating BPL emissions down to a reasonable level because in some locations and at certain times, it will be obscured by other noise sources. Imagine if that sort of logic were applied to air and water pollution -- and make no mistake, BPL emissions pollute an irreplaceable natural resource, the radio spectrum."

While a thorough technical analysis of the FCC's latest BPL document will take some time, Sumner predicted that the ARRL will file a Petition for Reconsideration. "While BPL has failed in the marketplace as a medium for delivering broadband connectivity to consumers, the technology is perceived to have some 'smart grid' applications," he said. "Now is the time to fix the rules, principally by mandatory notching, so that any new entrants will be competing on a level playing field with the existing BPL firms that have recognized the need for notching of the amateur bands." - via ARRL.ORG


The World of Amateur Radio Vintage Film

Dick Van Dyke, Barry Goldwater K7UGA, Arthur Godfrey, K4LIB, and many others extol the virtues of amateur radio in a vintage film from the 1970's. It is a 25 minute film and has been put on YouTube. The quality is not too great but you can get an idea about Amateur Radio in the 1970's. Also some other vintage film recently converted has been posted on YouTube. The link is <<http://www.youtube.com/user/timinbovey?blend=1&ob=5#p/u/0/5CVnzNNSsdU>>. Also a link is at <http://www.southgatearc.org/news/october2011/vintage_film_the_world_of_amateur_radio.htm>. Dave Bell, W6AQ, produced the film and others about Amateur Radio.

Ham Ads

Ham Ads will be run, free of charge in Ham Chatter for three months for each renewal. Ads must be received by the last week of the month to be included in the following issue. Send ads to: **Ham Chatter, PO Box 8387, Greenville, NC 27835, ATTN: Dave Langley** or email to: barc@w4amc.com (no spaces)
FOR SALE: Acer Model D255E, 10.1" screen with carrying case. --\$200.00 N455 Processor 1GB DDR memory, 250GB hard drive, 3 USB ports, 1 VGA, Headphone and microphone ports, Microsoft Home & Student 2007 loaded, Yaesu FT 897/857, FT8800R software loaded --\$200.00. Bernie Nobles, **WA4MOK**, wa4mok@embarqmail.com
FOR SALE: Hustler 6-BTV trapped vertical for sale for \$100. Good condition - bent section replaced with Hustler spare part. Gerry Clayton, **K4IDD** 756-4102. gclayton4@suddenlink.net
WANTED: AB577 military mast system. Does anyone have one of these in reasonable condition (able to put up an antenna without major problems) that is no longer needed? Please contact Gerry Clayton, **K4IDD** 756-4102. gclayton4@suddenlink.net

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BARC Meeting Minutes - October 2011



Brenda, KJ4GDS
Secretary

BARC Meeting Minutes

Date: October 11, 2011

Call to Order: 7:33 pm

President John Prokop, N8MPX, opened the meeting.

There were 24 members and 1 guest present as recorded in the sign in book.

Pledge of Allegiance: was lead by

Bob Moore, N4USB.

Visitor: Camilla Dawson

New Members: None reported.

Minutes: The minutes from the September Board Meeting were approved as published in Ham Chatter.

Secretary's Report: Brenda Bertrand, KJ4GDS, had nothing to report.

Treasurer's Report: Ted Bertrand, KI4PWX, gave the report. Further information regarding the Treasurer's Report is available to members upon request.

Equipment: Ted Bertrand, KI4PWX, had nothing to report.

VE: Ted Bertrand, KI4PWX, reported that the next VE session is scheduled for Tuesday, October 18 at the VFW hall. Further information can be found on the BARC website.

Health and Welfare: Richard Campbell, KG4SNE, reported that the Well Wishes are as published in the Ham Chatter.

Ham Chatter: Dave Langley, W4YDY, had nothing to report.

Publicity: Taylor Millar, W4WTM, reported tonight's meeting was announced in Sunday edition of Daily Reflector and he will make arrangements to advertise the upcoming VE session in the Daily Reflector Sunday edition.

Pitt County ARES: Dave Pulver, KG4CZV, reported that the Eastern Branch Assistant Manager has resigned and Dave does not know if a replacement has yet been identified. Locally, Dave thanked those who provided emergency net support during the Hurricane Irene activation.

Future Programs: John McCoy, K4KBB, reported that there are no further programs scheduled for the remainder of 2011; November session is elections and December the Christmas party. Anyone with program ideas for 2012 is encouraged to contact John.

Old Business: Nothing to report.

New Business: Nothing to report.

Announcements: Mike Langley, KD4MTT, discussed the criteria for 2011 BARC peer awards. Ballots were disseminated and club members in attendance cast their votes.

50/50 Drawing Winner: Al Mullis, K4GOE.

Program: Dave Pulver, KG4CZV, presented a program on Amateur Radio Emergency Services.

Adjournment: 8:28 pm

Respectfully submitted by

Brenda Bertrand, KJ4GDS.

BARC Board Minutes - October 2011

BARC Board Meeting Minutes

Date: October 25, 2011

Call to Order: 7:34 pm

Board Members Present: President John Prokop, N8MPX; 1st VP Richard Campbell, KG4SNE; Trustee Dave Langley, W4YDY; Trustee Dave Pulver, KG4CZV; Treasurer Ted Bertrand, KI4PWX; Secretary Brenda Bertrand, KJ4GDS

Others in Attendance: Terry Monday, K4ZYD; Taylor Millar, W4WTM

Minutes: The minutes from the September Board Meeting were approved as published in Ham Chatter.

Secretary's Report: Brenda Bertrand, KJ4GDS, had nothing to report.

Treasurer's Report: Ted Bertrand, KI4PWX gave a report with regard to proposed 2012 Budget. Dave Pulver, KG4CZV, moved to approve the proposed budget to present to club members at the next meeting, the motion was seconded by Dave Langley, W4YDY. Further information regarding the Treasurer's Report is available to members upon request.

VE: Ted Bertrand, KI4PWX reported that the next VE session is scheduled for December 20 at the VFW Lodge at 6:30 pm.

Equipment: Ted Bertrand, KI4PWX, had nothing to report.

Health and Welfare: Richard Campbell, KG4SNE, reported that the Well Wishes are as published in the BARC newsletter.

Ham Chatter: Dave Langley, W4YDY, will be updating the

website with the new club roster. Discussion followed with regard to the next club meeting, which is scheduled for November 15.

Publicity: Taylor Millar, W4WTM, will continue running the announcements for upcoming club meetings and VE sessions in the Sunday editions of the Daily Reflector that precede the meetings.

Pitt County ARES: Dave Pulver, KG4CZV, reported that he will be stepping down as Pitt County ARES Coordinator effective at the end of November.

SkyWarn Recognition Day is 7 pm Friday, December 2 to 7 pm Saturday, December 3 at the Newport National Weather Service Office.

The 7th Annual Reindeer Dash for Cash is Sunday, December 4. Dave will provide further information as he receives it.

The next Pitt County ARES meeting is 7:30 pm on Thursday, November 17 at the office of Peter Van Houten, KG4WEZ.

Programs: John Prokop, N8MPX, reported November club meeting will be elections of new club officers, December - Christmas party. Anyone with program ideas for 2012 is encouraged to contact John McCoy, K4KBB.

New Members: Randy Chitwood, K4VBS, was approved for membership by the board, pending receipt of dues and application.

Old Business: Nothing to report.

(Continued on page 7)

BARC Board Minutes - October 2011

(Continued from page 6)

New Business: Terry Monday, **K4ZYD**, made a suggestion for a "kit Saturday" club activity. Richard Campbell, **KG4SNE** has agreed to present this idea to the club for approval and planning.

Announcements: Nothing to report.

Adjournment: 8.32 pm

Respectfully submitted by

Brenda Bertrand, KJ4GDS.

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PO Box 8387, Greenville, NC 27835

ATTN: Dave Langley, W4YDY or

email barc@w4amc.com

Help support *Ham Chatter* and the club.

Donations accepted!

NETS

VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2100 on 147.09 MHz. (131.8 Hz Tone)
- ◆ Kinston Amateur Radio Society Net, 1,3,4 Tuesdays, 2000 hrs. on 145.47 MHz., W4OIX repeater in Kinston.
- ◆ Eastern North Carolina Traffic Net, Every night, 2030 on 146.685 MHz.
- ◆ Wilson Amateur Radio Club Net, Thursdays @ 2000 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.88 MHz.
- ◆ Newport WFO SKYWARN Net, Tuesday, 2100 on 145.21 MHz
- ◆ Carteret County ARS (CCARS) Emergency Net, Tuesdays, 1930 on the Newport 145.45 (-) MHz.
- ◆ Coastal Emergency Linking Net, Wednesday, 2100 ET on Ahoskie 145.13, Buxton 145.15, Columbia 146.835 & 443.30, Elizabeth City 146.655, Greenville, 145.35, Hertford 147.33, Williamston 145.41 & 444.25

HF

- ◆ Tar Heel Emergency Communications Net on 3923 kHz Nightly 1930.

NTS CW Nets

- ◆ 3.571 2000 hours, slow speed (5-8 wpm) Carolinas Slow Net
- ◆ 3.573 1900 hours, high speed (20 wpm)
- ◆ 3.573 2200 hours, slow speed (12-14 wpm), South Carolina/North Carolina

Pitt County Repeater Association

<http://www.pcra.us/>

ARISSat-1 Team Announces Morse Code Contest

ARISSat-1 -- the latest Amateur Radio satellite -- began its education-based mission after deployment from the International Space Station in August 2011. The ARISSat-1 mission is to provide a variety of information through its many broadcast modes promoting STEM-based education initiatives in the classroom.

In an effort to help realize this mission, the ARISSat-1 Team is sponsoring a CW contest.

To participate, listeners need to copy and submit any six of the more than 200 call signs transmitted during ARISSat-1's multiple satellite passes. Once you have at least six call signs, submit them via e-mail to receive a special certificate. Along with your six call signs, please include your name, your call sign (if you have one), the time (in UTC) and date of reception of each call sign and your city, state and ZIP Code.

A number of radio amateurs have made significant strides in developing space communications via ham radio. To celebrate their accomplishments, the call signs of more than 200 of these hams have been digitally stored on board ARISSat-1 and are being transmitted in rotation using Morse code at 145.92 MHz. The call signs can be heard between the RS01S CW identification and the CW telemetry in the repeated code transmission sequence.

According to the ARISSat-1 Team, one of the major goals of this contest is to promote interest in learning CW, especially by students: "Morse code continues to play an important role in emergency communications, and it is a fun way of sending messages using ham radio. In that spirit, we ask that participants copy the code by hand



and refrain from using artificial means, such as electronic decoders, to decode the call signs. Due to the possibility of interference or excessive ambient noise that might be present during the pass, recording the code for playback and deciphering after the pass is permissible." For more detailed information on how to receive and decipher the CW transmissions, visit the "Receiving ARISSat-1" web page.

The ARISSat-1 Team asks that all ARISSat-1 listeners should refrain from publicly disclosing any call signs they copy. Posting the contest call signs on the Internet, amsat-bb, other bulletin boards or any areas for public viewing will result in the listener or group being disqualified from the contest, along with the disclosed call signs.

Please refer any questions about this contest to Rod Walin, KC0ZHF, via e-mail <kc0zhf@yahoo.com>. Complete rules can be found at the end of the story on [ARRL.ORG](http://www.arrl.org/news/arissat-1-team-announces-morse-code-contest). <<http://www.arrl.org/news/arissat-1-team-announces-morse-code-contest>>.

BARC CALENDAR OF EVENTS

Nov 5/6.....	ARRL CW Sweepstakes	Feb 2.....	HAM CHATTER DEADLINE
Nov 15.....	Regular Meeting - Elections	Feb 11/12.....	CQ WPX RTTY Contest
Nov 19/20.....	ARRL SSB Sweepstakes	Feb 14.....	Regular Meeting
Nov 20.....	JARSFest at Benson	Feb 18/19.....	ARRL CW DX Contest
Nov 26/27.....	CW WW CW DX Contest	Feb 21.....	BARC VE Session – TUESDAY
Nov 29.....	Board Meeting	Feb 24/26.....	CQ WW SSB 160M Contest
Dec 1.....	HAM CHATTER DEADLINE	Feb 25/26.....	NC QSO Party ? (Date tentative)
Dec 3/4.....	ARRL 160 Meter Contest	Feb 28.....	Board Meeting
Dec 10/11.....	ARRL 10 Meter Contest	Mar 1.....	HAM CHATTER DEADLINE
Dec 13.....	Regular Meeting - Christmas Party	Mar 3/4.....	ARRL SSB DX Contest
Dec 20.....	BARC VE Session – TUESDAY	Mar 13.....	Regular Meeting
Dec 27.....	Board Meeting	Mar 24/25.....	CQ WW SSB WPX Contest
Jan 7/8.....	ARRL RTTY Roundup	Mar 27.....	Board Meeting
Jan 10.....	Regular Meeting		
Jan 27/29.....	CQ WW CW 160M Contest		Regular Meeting - 2nd Tuesday @ 7:30 PM
Jan 31.....	Board Meeting		Board Meeting - Last Tuesday @ 7:30 PM

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone
PCEC 2 METER NET - MONDAY NIGHTS AT 8:30 PM - 147.09 W4GDF REPEATER - 131.8 Tone
BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

W 1 V O A - W 4 A M C - W 4 U H S

Amateur Radio
"only fail-safe system"
of communication
KAZDH
DELAYED 1 WEEK
Next Meeting
November 15
November 2011

To:



Ham Chatter
Brightleaf Amateur Radio Club
PO Box 8387
Greenville, NC 27835