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K4ZDH



Volume 48 Issue 12

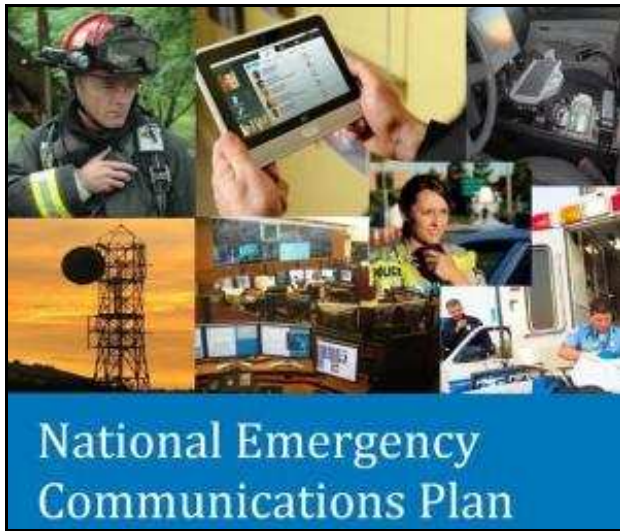
An Official BARC, W4AMC, Publication

December 2014

Editor, Dave Langley, W4YDY

Email: barc@w4amc.com

Homeland Security's 2014 National Emergency Communications Plan Incorporates Amateur Radio



hance the capabilities of current 9-1-1 networks, allowing the public to transmit pictures, videos, and text messages that will provide additional situational awareness to dispatchers and emergency responders," the NECP says.

The updated NECP stresses the importance of interoperability. It recommends that state, regional, and local administrations "assess their existing governance structures to ensure they are positioned to address current and emerging

The US Department of Homeland Security's 2014 National Emergency Communications Plan (NECP) has incorporated Amateur Radio in its mix of media that could support and sustain communications in a disaster or emergency. The 2014 NECP is the first update since the original plan was released in 2008. The NECP is "the nation's over-arching strategic plan for enhancing emergency communications capabilities and interoperability nationwide," DHS said in announcing the updated plan on November 12.

"[A]mateur radio operators...can be important conduits for relaying information to response agencies and personnel when other forms of communications have failed or have been disrupted," the NECP states.

The NECP also describes changes that lie ahead for emergency communication systems, such as 9-1-1 systems. "In the future, Next Generation 9-1-1 will en-

hance the capabilities of current 9-1-1 networks, allowing the public to transmit pictures, videos, and text messages that will provide additional situational awareness to dispatchers and emergency responders," the NECP says.

policy, technology, and planning developments." This effort, the NECP continues, could include the addition of representatives from the Amateur Radio community to statewide interoperability governing bodies and executive committees. The NECP also recommends that federal, state, local, tribal, and territorial jurisdictions "identify domestic and international entities with potential roles in information sharing and the delivery of emergency communications during emergencies," such as Amateur Radio operators. "As appropriate, these entities should be incorporated into training and exercise activities on a more regular basis," the NECP suggests.

The Federal Emergency Management Agency (FEMA) — a part of the Department of Homeland Security — is headed by a radio amateur and ARRL member, W. Craig Fugate, KK4INZ. - via ARRL.ORG 11/20/2014

Christmas Party and Next Meeting - December 9, 2014

The Brightleaf Amateur Radio Club will have its regular meeting and annual Christmas Party on Tuesday, December 9, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Setup will start about 6:30 and the covered dish meal will start about 7:00 PM. Please bring a covered dish or desert. The beverages will be furnished by BARC. Program: The Annual Peer Awards will be presented and the 2015 BARC officers will be introduced. All members, families and guests are invited to attend.

The next Board Meeting will be December 30 at 7:30 at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. Members invited.

2014 SKYWARN® Recognition Day



Friday, Dec. 5th through Saturday Dec. 6th the 2014 Skywarn Recognition Day will be at the weather service station on Roberts Road in Newport. Hours are 7 PM Friday through 7 PM Saturday. In the past, some type of lunch was served around noon Saturday. Contact other weather stations and interested hams via HF radio and other bands/modes as well. Get a detailed tour of the station with demonstrations of what can be done with the weather service equipment.

All Hams, aspiring hams, family and friends are welcome!
- via Janice Hopkins, KJ4JPE

New "My DX Summit" Website Went Live on November 21

The new "My DX Summit" (MDXS) website went live on November 21 at 1000 UTC. MDXS replaced the old "DX Summit" web-



site, but the URL is the same, and the transition should be seamless. The new site design, which incorporates a number of features — including a handy propagation tool — has been undergoing some beta testing and last-minute tweaking over the past few weeks.

"Predicted propagation is based on your personal location, and by clicking a DX spot you will see the current conditions and a 24-hour window covering all bands from your station, short and long path, to a distant DX location," Radio Arcala said in announcing the changeover. "This recent facelift makes several new functions readily available, assuring a pleasant user experience." The new site has been designed to support mobile devices.

DX Summit came into being in

1998 and won the Yasme Foundation Excellence Award. Plans are underway to integrate MDXS into January's K1N Navassa Island

DXpedition.

"We at Radio Arcala wish to thank the more than 500 individuals who were our test partners and provided exciting ideas for our future endeavors to make MDXS a DX competence center of the future," the announcement continued. Some 135,000 unique users visit DX Summit each month.

Ken Claerbout, K4ZW, is scheduled to host an early December webinar with Radio Arcala specialists to explain MDXS basics as well as the propagation prediction tools. The time and date will be announced.

Radio Arcala added that Santa Claus will appear on the MDXS portal in December before embarking on his world tour. "By sending a maximum number of spots during the first 14 days, three winners will be visited by Santa Claus with a certificate from the OHo-Ho-Ho land of Radio Arcala, OH8X," the announcement said. - via ARRL.ORG



Happy Birthday

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

- 2 **W4ZRA** Rick LaMonica
- 11 **AK4MU** Morris Lewis
- 11 **KG4CCX** Tod LeMoine
- 13 **KC4RBE** June Highland
- 24 **KK4HHY** Erv Davis
- 31 **W4DXJ** Vashti Forrest

Additions or corrections to W4YDY

Well Wishes

Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI



Tom Parsons, W4TEP

Please inform John McCoy, K4KBB, k4kbb @ earthlink.net of any changes.

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, December 16** at the VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Email Steve Horne II, KB5B, VE Liaison at [ve @ w4amc.com](mailto:ve@w4amc.com). Walk-ins welcome. 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. *

* **More info** at <http://www.w4amc.com/barcinfo.html#VE>.

NC ARES Internet

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

Pitt County ARES

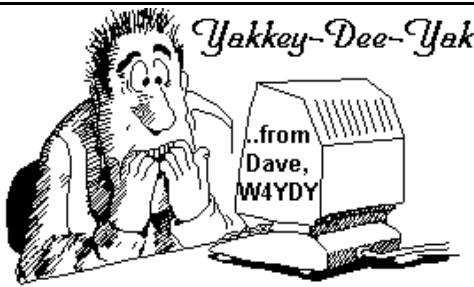
EC needed!



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Yakkey-Dee-Yak

“Amateur Radio Parity Act of 2014” Attracts More than a Dozen New Co-Sponsors

The list of co-sponsors for the Amateur Radio Parity Act of 2014, H.R. 4969, has grown to 63. Sixteen new co-sponsors signed aboard as the 113th Congress re-convened for its final session before adjournment. ARRL Regulatory Information Manager Dan Henderson, N1ND, is urging ARRL members to keep in contact with their Congressional representatives and to encourage them to become co-sponsors to the bill.

“We are excited about the addition of 16 new co-sponsors when Congress reconvened after the November mid-term elections,” Henderson said. “Each new co-sponsor brings us one step closer to achieving our goal of getting HR 4969 enacted. We have a long way to go – but we are definitely moving in the right direction.”

A few more co-sponsors may still be in the wings. The current tally represents a considerable expansion of support from the number of US Representatives who had signed aboard as Congress adjourned prior to the mid-term elections. All 16 of the latest co-sponsors were re-elected on November 4.

H.R. 4969, which was introduced in the US House of Representatives with bipartisan support in late June, would call on the FCC to apply the “reasonable accommodation” three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The limited PRB-1 pre-emption currently applies only to state and municipal land-use ordinances. The FCC has indicated its reluctance to provide the same legal protections from private land-use agreements — often called covenants, conditions, and restrictions or CC&Rs — without direction from Congress.

The League has opened a HR.4969 page. HR.4969 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel’s Communications and Technology Subcommittee, which will consider the measure. - *via ARRL.ORG 11/13/2014*

CQ Names John Bergman, KC5LK, as Worked All Zones Award Manager



CQ has tapped John Bergman, KC5LK, of Brandon, Mississippi, as the new CQ Worked All Zones (WAZ) Award Manager. The appointment, effective on January 1, was announced on November 18 by CQ magazine Editor Rich Moseson, W2VU. Bergman will succeed fellow Mississippian Floyd Gerald, N5FG, who has served the DXing community in the position for the past 11 years.

“I am very appreciative of Rich and CQ magazine giving me this opportunity to serve CQ and the DX community,” said Bergman, “and will strive to continue the high standards of WAZ Awards program.”

Licensed since 1978 — initially as KA5AFT — Bergman has been heavily involved in DX and DXing for more than 20 years. He is a charter member of the 599 DX Association and a member and past president of the Jackson Amateur Radio Club. He is also a volunteer examiner and a card checker for both ARRL and CQ awards. John also dedicated 10 years to working with the W5 incoming QSL Bureau.

Bergman is on the DXCC Honor Roll (mixed and phone) and holds 5-Band WAZ with 179 total zones to date. He also has attained 5-Band DXCC with endorsements for 30, 17, and 12 meters and has 1680 band/entities in the DXCC Challenge.

WAZ is the second-oldest active award program in ham radio. As of January 1, any correspondence relating to the CQ WAZ Award program should be directed to John Bergman, KC5LK, PO Box 792, Brandon, MS 39043 USA or via e-mail. -- *Thanks to CQ magazine - via ARRL.ORG 11/18/2014*

The annual BARC Christmas party will be this month’s activity with a chance to enjoy great fellowship with the member’s families attending and great food. Mike Langley, **KD4MTT**, always entertains the party with the presenting of the BARC annual peer awards and certificates for those the keep the club operating. If you have never attended the Christmas party, please make a effort to come out and I’m sure you will return again and again. I didn’t go the first year or two that I was a member but have not missed one since except the one year I was in the hospital. Couldn’t convince them to move it there!!

The club will furnish the beverages and members will bring covered dishes and deserts. The meal is always outstanding. You will have a good time. Don’t miss the party.

Well, Murphy’s law struck again. I noticed late on November 30 that when I switched to my 160/80/40/30 antenna, that the signals were weaker than on the 10 through 20 beam. Went out to check and the wires were laying on the ground. The pulley broke! First thing I need is a stronger pulley and then I can put the antenna back on the tower. Hope to do it in a few days because it’s five days to the 160 meter CW contest. Also the ARRL Centennial QSO Party and the W1AW portable stations has four more weeks. - *W4YDY*

BARC 2015 officers elected

The BARC 2015 officers were elected by acclamation at the November club meeting. There were no other nominations. The 2015 club officers are:

President: Terry Monday, **K4ZYD**

1st VP: Gerry Clayton, **K4IDD**

2nd VP: John McCoy, **K4KBB**

Secretary: Erv Davis, **KK4HHY**

Treasurer: Jeff Meyer, **K4DKW**

2 Trustees: Richard Campbell, **W4JNC** and Morris Lewis, **AK4MU**

They will be introduced at the Annual Christmas party on December 9.

Riley Hollingsworth to North Carolina Club: Amateur Enforcement “Very Much Alive”



Riley Hollingsworth, K4ZDH

Former FCC Special Counsel for Enforcement Riley Hollingsworth, K4ZDH, told the Forsyth Amateur Radio Club that the FCC is still active in the Amateur Radio enforcement arena, even though it's not always apparent. He spoke to the Winston-Salem, North Carolina, club on November 10.

“You may not think so, but enforcement is very much alive,” said Hollingsworth, who — although retired — still keeps up with goings on at the FCC and with the enforcement activities of his successor, FCC Special Counsel Laura Smith. “You just don't hear a lot about it, as you used to,” he said, because ham radio news media report only the “big announcements” these days. During his tenure, Hollingsworth routinely released preliminary letters of inquiry and warning notices to radio amateurs suspected of breaking the rules. Now, he said, the FCC is using “the IRS model” of releasing information, partly in response to privacy considerations.

“You only see final actions [now],” he said. “So, you don't think a

lot's being done, but it's all behind the scenes, and you don't know about it.”

What is not helpful, he told the club members, is e-mailing or writing Laura Smith or the FCC proper to rudely demand Commission attention to particular enforcement issues. Hollingsworth said the FCC has received “nasty e-mails to FCC personnel” concerning suspected ham radio rule breaking.

“I'm talking about horrible e-mails, threatening e-mails, threatening to the degree that the security office sometimes gets involved,” he said. “We've got to stop this.” Hiding behind the anonymity of the Internet, he stressed, gives some people within the FCC a bad impression of ham radio and could prove counterproductive.

Hollingsworth suggested that hams interested in keeping up with enforcement subscribe to the FCC Daily Digest or view it on the FCC website. “You read these and you get an idea of how busy the FCC is across the board,” he said. The FCC also documents Amateur Radio Service enforcement actions on its website. The page is not frequently updated, however.

Hollingsworth pointed out that the FCC is still running two parallel websites, since many were unhappy with the new site when it was unveiled a few years ago. The old — or “transition” — site remains fully functional.

Hollingsworth praised FCC Chairman Tom Wheeler for his role in helping to get the agency on a more active footing, and Enforcement Bureau Chief Travis LeBlanc, who was appointed last

March. “I'm very impressed with him,” Hollingsworth said of LeBlanc. The Enforcement Bureau is the FCC's largest bureau.

In remarks now familiar to many who have heard him speak at Dayton Hamvention and elsewhere, Hollingsworth also warned his audience members against getting into on-the-air spats with rude or careless operators.

“Don't engage people, and don't humor the idiots,” he said. “Stupidity can't be regulated, no matter how good the rules are. Just turn the big knob. Every rig has one.”

Hollingsworth speculated that a lot of interference that is considered deliberate actually is accidental, but that hams encountering it automatically assume offense. He said the number of rule breakers represent only a small fraction of a percent of the Amateur Radio population, however, and “they're getting whittled down.”

“Our responsibility is to get Amateur Radio through the next 100 years,” Hollingsworth concluded. “You must recruit. You've got to keep these newcomers interested” and show them everything ham radio has to offer.

Today's hams, he said, ought to be presenting a good example for those who follow. “It's time for us to leave a legacy for this avocation,” he said.

Hollingsworth's complete talk appears as Episode 174 of the online Amateur Radio television series HamRadioNow, produced by Gary Pearce, KN4AQ. — Thanks to HamRadioNow and Gary Pearce, KN4AQ - via ARRL.ORG 11/19/2014

Some CQ WPX Applications Submitted via LoTW Not Processed



of The World (LoTW) were not properly processed. If you used LoTW to apply for a WPX Award between mid-October and

It has been determined that some CQ WPX Awards Program applications using ARRL's Logbook



early November and have not yet received a e-mail acknowledgment, contact WPX Award Manager Steve Bolia, N8BJQ.

Specifically, applications for WPX credits submitted via Logbook of The World from October 8th 0500 UTC until November 5th



1700 UTC were never processed.

An applicant's credit card was not charged for any attempt to submit application during this period. Applicants should now re-submit any application for WPX credits made during this period. - via ARRL.ORG 11/07/2014

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)
NOTE: Commercial rates on page 7.

For Trade: FT-101 (working) & CASH for SMALL TRIBANDER. David Gaytko, WD4KPD, 252-402-6765 wd4kpd@suddenlink.net. 3

Worlds Best Hobby Book

At the November meeting, I showed a video by Dave Bell, **W6AQ**, and mentioned his very interesting and funny book about Amateur Radio. It is at <http://www.worldsbesthobby.com/>. But there has been a major change to it. One sample chapter is there now instead of the complete book. The book is in print and is for sale. Amazon has it the cheapest and the ARRL bookstore is the most expensive due to their high shipping rates. Read the sample chapter. You'll like it. Wish I had saved the pages!

In the sample chapter, Dave tells about operating K2USA in the 1950s. I operated it about 5 years later. -**W4YDY**

Commercial Ad Rates

1/8 page, Business Card Size \$10 per Month - \$100 per Year


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ATTN: Dave Langley, W4YDY or email barc@w4amc.com

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BARC Board Meeting Minutes - November 2014



BARC Board Meeting Minutes
Date: 11/25/14
Call to Order: 7:30 PM
 7 members were present. Richard Campbell, **W4JNC**, Gerry Clayton, **K4IDD**, Erv Davis, **KK4HHY**, Dave Langley, **W4YDY**, Morris Lewis, **AK4MU**, John McCoy, **K4KBB**, Terry Monday, **K4ZYD**
Secretaries Report: No report
Treasurer's Report: Account balance

about the same.
Equipment Report: Will test rigblaster at QSO party.
VE Session: Next VE session December 16, 2014. Walk-ins welcomed. Email Steve Horne II, **KB5B**, VE Liaison at ve@w4amc.com for info.
Health and Welfare: No report
Ham Chatter: New editor will be needed starting June 2015.
Publicity: Meeting announcement in Sunday DR
Public Service: None upcoming
Future Programs: Discussed several pos-

sible programs for next year.

Announcements: December Christmas party. Frost Fest in Richmond, VA February 7.

Old Business: Awards to be presented at December meeting.

New Business:

Adjournment: 8:30 PM

Respectfully submitted by:

Erv Davis, KK4HHY

Astronaut Samantha Cristoforetti, IZ0UDF, Two Others Arrive at ISS

The International Space Station one again has an Amateur Radio licensee onboard — European Space Agency Astro-

naut Samantha Cristoforetti, IZ0UDF. She was part of a three-member ISS crew increment that launched in a Soyuz spacecraft launched from Baikonur Cosmodrome in Kazakhstan Sunday night and safely docked with the ISS Monday morning. Cristoforetti is Italy's first female space traveler. With her on the Soyuz were Russian Cosmonaut Anton Shkaplerov and NASA Astronaut Terry Virts. All three

are part of the Station's Expedition 42/43 crew.

Welcoming the trio to the space station were ISS Commander Barry Wilmore and Cosmonauts Yelena Serova and Alexander Samokutyaev. Cristoforetti is a former fighter pilot.

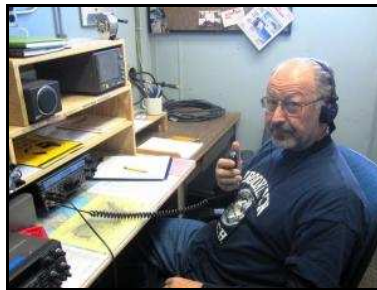
Since Alexander Gerst, KF5ONO, and Reid Wiseman, KF5LKT, returned to Earth on November 10, the ISS has been left without any radio amateurs onboard. Cristoforetti will spend about 6 months in space. Follow Samantha Cristoforetti on Twitter.



California Scientist-Ham On the Air from Antarctica's McMurdo Station, Ross Ice Shelf

Ham radio is not the primary reason Ron Flick, K6REF, is in Antarctica, but it's proving to be an enjoyable diversion to his scientific activities at McMurdo Station and the Ross Ice Shelf. He's put a few hundred contacts in the log since arriving late last month from California. Flick, an oceanographer with the California Department of Parks and Recreation, Division of Boating and Waterways, and colleagues are conducting ice vibration studies on the Ross Ice Shelf for Scripps Institution of Oceanography. McMurdo is home to KC4USV, but Flick's initial experience at the station — once he was able to locate the key to unlock the door — was less than optimal.

"The view is spectacular!" he enthused. "After I plugged the radio into power and the Yagi, I was able to hear a few stations on the lower end of 20, but was not able to contact anyone. The Yagi is fixed in an east-west orientation."



Oceanographer Ron Flick, K6REF, at the helm of McMurdo Station's KC4USV.

Flick subsequently learned that the Antarctic winds had shifted the Yagi's orientation. He'd been using 14.243 MHz — the "usual" KC4USV frequency — and 14.290 MHz, which he called "my personal favorite." He was also using 21.260 MHz, generally getting on the air around 2200 UTC for a few hours, depending upon his work schedule.

"[C]onditions here are rough for old men like me," he said, "and the training and equipment assembly for our project is a big job."

According to the Scripps Institution, Amateur Radio operations are part of the outreach and education efforts of the "Dynamic Response of the Ross Ice Shelf to Wave-Induced Vibrations" expedition.

Starting this week, Flick will be on the air from Yesterday Camp near the International Date Line, running 100 W to dipole antennas, as time and conditions permit. He hopes to be on the air for a few hours during the Antarctic afternoon and evening, starting at about 0300 UTC.

A member of the Star of India Amateur Radio Club at the San Diego Maritime Museum, Flick reported that upon his arrival October 31, he was greeted with a "balmy 14° F" temperature, as summer weather approaches the South

(Continued on page 7)

California Scientist-Ham On the Air from Antarctica's McMurdo Station, Ross Ice Shelf

(Continued from page 6)
Pole.

Some computer-related wiring was underway in the ham shack this week, which, Flick said, was a good thing, since it will provide Internet service to the KC4USV operators. The downside was the work inhibited his ability to get on the air.

"Antarctica is full of rules and procedures, by and large designed to keep everybody safe and warm, or at least alive," he quipped.

He had been planning to be on the air as much as possible before heading out onto the ice on November 11, and he is hoping to maintain "a similar routine" from the Ross Ice Shelf while camped out there until December 5, sans Internet, and

operating as KC4/K6REF. "But we will have satellite phones, so I can call Bob, KK4KT, and he can forward alerts," he said.

Flick anticipates "primitive" conditions at Yesterday Camp. "I would greatly appreciate it if you can act as relays to make phone contact with my wife, Myra, and other expedition team members to pass on how we are doing while we are on the ice shelf," he implored the Amateur Radio community. "As far as we know, no humans have ever been where we're going to be camped!"

The US Antarctic Program has a webcam at McMurdo Station. — Thanks to Joe Garza, AB6RM - via *ARRL.ORG* 11/12/2014

NETS VHF/UHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Newport SkyWarn Tues. nights 2100E Grifton-146.685-88.5 tone Newport-145.450.....
IRLP 8561 links to Columbia Jacksonville-147.000- 88.5 tone Oriental-147.210-151.4 tone 444 Newport-444.825- 88.5 tone Swansboro-146.760- 88.5 tone
- ◆ Grantsboro-145 230 - 85.4 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.
- ◆ 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

"Frequency" TV Series Would Reprise Amateur Radio-Themed Movie



Jim Caviezel as John Sullivan in the movie Frequency.

Mike Baxter, KA0XTT — Tim Allen's character in the "Last Man Standing" TV show on ABC — may be getting some competition on the ham bands, as NBC appears poised to launch a television series based on the 2000 movie *Frequency*, in which ham radio — aided by some spectacular solar phenomena — plays a central role in the sci-fi thriller.

According to a November 13 article in *The Hollywood Reporter*, NBC has already committed to the series. Jeremy Carver is writing the script for Warner Brothers Television and will be the series' executive producer. Toby Emmerich, who wrote the movie, will be a co-producer.

While Amateur Radio has made only fleeting appearances in "Last Man Standing," it is an essential plot device in

Frequency. In the movie, a New York City fireman, Frank Sullivan, played by Dennis Quaid, re-connects via a bizarre ham radio link with his son, John, 30 years in the future. Jim Caviezel, now a star in the CBS drama, "Person of Interest," portrayed John Sullivan, an NYPD detective. John Sullivan comes across his late father's 1960's-era Heathkit transceiver, through which — with the help of quirk of nature and some Hollywood magic — he is able to communicate with his father through time and space.

Once back in touch, father and son conspire in efforts to change the past while also untangling their complicated personal relationship. Both also attempt to prevent a murder.

The ham radio theme and the chance to see vintage ham gear and real, glowing vacuum tubes (Frank Sullivan's old Heathkit has no cover) on the big screen were sufficient to generate considerable interest within the Boat Anchor community when the movie debuted. The ARRL worked with the film's producers. *Frequency* remains widely available in DVD and through video services. -- Thanks to John Bigley, N7UR, Nevada Amateur Radio Newswire - via *ARRL.ORG* 11/18/2014

Pitt County Repeater Association

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

Greenville repeaters

147.09/69 - 145.35/144.75

444.8/449.8

All use 131.8 tone

BARC CALENDAR OF EVENTS

Dec 6/7.....	ARRL 160 Meter Contest	Feb 14/15.....	CQ WPX RTTY Contest
Dec 9.....	Christmas Party - Awards	Feb 17.....	BARC VE Session - Tuesday
Dec 13/14.....	ARRL 10 Meter Contest	Feb 20/22.....	CQ WW SSB 160 Contest
Dec 16.....	BARC VE Session - Tuesday	Feb 21/22.....	ARRL CW DX Contest
Dec 30.....	Board Meeting	Feb 24.....	Board Meeting
Jan 3.....	Ham Chatter Deadline	Feb 28.....	Ham Chatter Deadline
Jan 3/4.....	ARRL RTTY Roundup	Mar 7/8.....	ARRL SSB DX Contest
Jan 13.....	Regular Meeting	Mar 10.....	Regular Meeting
Jan 23/25.....	CQ WW CW 160 Contest	Mar 28/29.....	CQ WW SSB WPX Contest
Jan 27.....	Board Meeting	Mar 31.....	Board Meeting
Jan 31.....	Ham Chatter Deadline	Apr 4.....	Ham Chatter Deadline
Feb 7.....	Richmond Frostfest **		
Feb 10.....	Regular Meeting		

Regular Meeting - 2nd Tuesday @ 7:30 PM
Board Meeting - Last Tuesday @ 7:30 PM **Hamfests

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 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



Christmas Party & Meeting
 December 9, 2014

December 2014

To:



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