

# HAM CHEATER



**Amateur Radio**  
"only fail-safe system"  
of communication  
K4ZDH



Volume 47 Issue 12

An Official BARC, W4AMC, Publication

December 2013

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Email: [barc@w4amc.com](mailto:barc@w4amc.com)

## TV Show Featuring Fictional Ham Sparks Crop of New Hams



Tim Allen (L) as Mike Baxter, KA0XTT, sits in his ham shack with Flynn Morrison, who plays his grandson on the sitcom. (Photo courtesy of John Mamodeo, NN6JA)

Fans of the ABC Television show "Last Man Standing" may be aware that its main character, "Mike Baxter" — played by Tim Allen — is supposed to be a radio amateur, KA0XTT. While it may come as no surprise that the sitcom's producer is a ham — John Amodeo, NN6JA — several radio amateurs also are on the production crew, and their number just increased, with help from the Greater Los Angeles Amateur Radio Group (GLAARG) VEC. The show's "Thanksgiving" episode, which aired Friday, November 22 (8 PM ET), featured a scene with "Baxter" in his basement ham shack. Amodeo said that for the first time in the series, Baxter briefly talked on the radio. In response, viewers heard a pileup created by using the voices of hundreds of real hams, sent in to the production company.

In the scene, the Mike Baxter character appears with his grandson "Boyd," played by Flynn Morrison. The

first in which Tim Allen's character is shown operating his ham station.

At an exam session on November 9, the "Last Man Standing" crew added eight new Technician class hams to its crew as well as its first General upgrade. GLAARG volunteer examiners Norm Goodkin, K6YXH; Naomi Goodkin, WB6OHW, and Rob Antonacci, AA6RA, administered the test session. Including the additional new hams, the show's behind-the-scenes crew complement now boasts 14 Technician, one General, and two Amateur Extra class operators.

In "Last Man Standing," Allen's character Mike, a pickup-driving sporting goods marketing manager, must spend more time in his female-dominated household after his wife gets a promotion at work. The couple's three daughters are not prepared for the shift to his stricter parenting style. - via [ARRL.ORG](http://ARRL.ORG)

episode was shot in mid-October. According to Amodeo, Mike heads to his basement ham shack to escape a houseful of guests waiting for Thanksgiving dinner to be served. This episode of the show is only the second to include ham radio as a story element and the

## Christmas Party and Next Meeting - December 10, 2013

*The Brightleaf Amateur Radio Club will have its regular meeting and annual Christmas Party on Tuesday, December 10, 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 2014 BARC officers will be introduced. All members, families and guests are invited to attend.*

*The next Board Meeting will be January 7 at 7:30 at the Offices of Monday & Monday, (CPA), suite D, East Victoria Court. (NOTE: Meeting delayed one week) All members invited.*

## 2014 BARC Officials elected

The following BARC officer have been elected for 2014:

President: Terry Monday, **K4ZYD**  
1st Vice President: Josh Steele, **KB3VKH**  
2nd Vice President: John McCoy, **K4KBB**  
Secretary: Ted Bertrand, **KI4PWX**  
Treasurer: Gerry Clayton, **K4IDD**  
1st Board Member: Past President: Richard Campbell, **W4JNC**  
2nd Board Member: Morris Lewis, **AK4MU**

Peer award selections were made at the November meeting for Ham of the Year, New Ham of the Year, OM of the Year, YL of the Year and Elmer of the Year. They will be announced and presented at the Christmas Party on December 10.

## 2014 BARC Dues

Membership dues for BARC are due **January 1**. Those who have not paid their dues will not be listed on the roster and will be removed from the Ham Chatter mailing list starting in April. Membership dues are the same as they were in 2012 and are as follows:

Regular Member \$20.00

Family Member \$2.00

Associate Member (Non-Licensed) \$5.00

Honorary Member \$0.00

New Hams: 18 and younger (1st year) \$5.00

New Hams: 19 and older (1st year) \$10.00

Please mail your dues, along with the member application form to: Brightleaf Amateur Radio Club, P.O. Box 8387, Greenville, NC 27835. We are requesting that you send the application form in so that we can have your correct information on file. The form can be downloaded from <http://www.w4amc.com/application.pdf>. If anyone has any questions concerning their membership status or their dues, please email Gerry Clayton, **K4IDD**, BARC Treasurer, at [gclayton4@suddenlink.net](mailto:gclayton4@suddenlink.net) (remove spaces in email address)

Thank you for your support and participation in BARC



# Happy Birthday

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

2	W4ZRA	Rick LaMonica
11	AK4MU	James Lewis
11	KG4CCX	Tod LeMoine
13	KC4RBE	June Highland
24	KK4HHY	Ervin Davis
31	W4DXJ	Vashti Forrest

Additions or corrections to W4YDY

## BARC HF Transceiver For Sale

The **Kenwood TS-520** is designed for SSB



and CW modes in the 80 through 10 meter ham bands. It also features receive of WWV at 10 MHz. The TS-520 features a very accurate linear analog display dial. Power input is 120W PEP SSB and 100W CW. (This transceiver does not have general coverage receive). The hybrid circuit includes three 6146A and two 12BY7A tubes plus 1 IC, 17 FETS, 45 transistors and 84 diodes. **REDUCED \$185 or best offer. Contact W4JNC, president @ w4amc.com.** (Phone 758-1244)

## SkyWarn Recognition Day December 2013

Hal Austin NC4HA here. For those who don't know me, I'm the SkyWarn/amateur radio focal point here at the National Weather Service Forecast Office in Newport. I would like to extend an official invitation to your clubs to come to our office and participate in the 15th annual SkyWarn Recognition Day 2013. It is being held from 7 pm Friday December 6, until 7 pm Saturday December 7 (Pearl Harbor Day).

Part of email from Hal Austin, NC4HA

## Well Wishes

Thoughts and Prayers go out to the following:

**Charlie Wells, K4SKI**

**Tom Parsons, W4TEP**

**Stan Barney, KJ4GDR**

Please inform John McCoy, **K4KBB**, [k4kbb@earthlink.net](mailto:k4kbb@earthlink.net) of any changes.



## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, December 17** at the VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Ted Bertrand, **KI4PWX**, 756-3734. [bertrandf@ecu.edu](mailto: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**

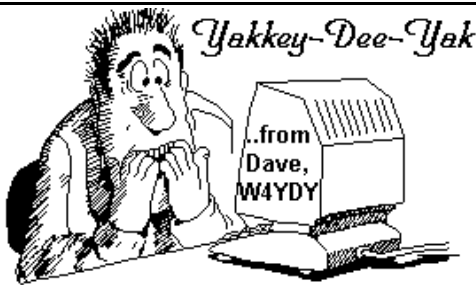
EC needed!



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**Unforgettable QSO's**

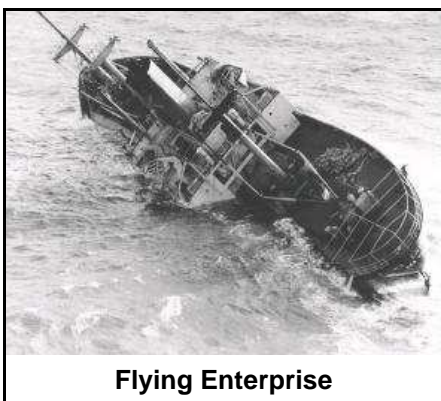
In the December QST, there is a story by N11I titled "A contact I'll never forget." He ran a phone patch from a station in Nepal to Lowell Thomas. He was well known from WWI to the 1950's. I remember my Dad listening to him on the radio almost every day and I can still remember his radio voice. It got me thinking about a few contacts I'll never forget.

**Kurt Carlsen, W2ZXM**

For those that are old enough, you may remember "Captain Stay Put". He was captain of the Flying Enterprise when it was damaged in a storm on December 28, 1951 and started taking on water. It was a cargo ship almost 400 feet long. Also on board were 10 passengers. When help arrived, everyone was removed from the ship except Carlsen. One passenger drowned. It was being towed back to port



**Kurt, W2ZXM**



**Flying Enterprise**

until the line broke on January 10. Later that day, he had to leave the ship and was picked up by a nearby vessel. He was in the water for only a few minutes. It sunk a

few hours later. He spent some of his time staying awake by talking to hams around the world. Every night, my Dad and I listened to the radio news. The event was reported around the world, and Kurt received a ticker-tape parade in New York City on January 17, 1952. A few months later Kurt took command of the Flying Enterprise II, passing up offers from Hollywood. There is a lot of information on the Internet including YouTube videos.

On March 11, 1958, I had a very nice 12 minute chat on 15 meters with Kurt, **W2ZXM**, when he was near the Canal Zone on the Flying Enterprise II.

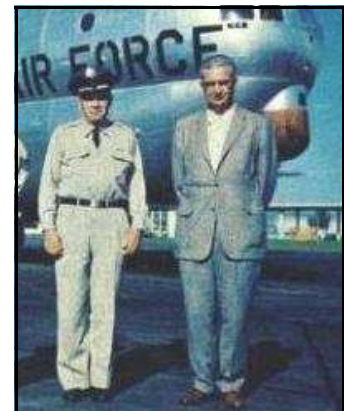
**Lt. General Francis H. 'Butch' Griswold, K0DWC**

During the mid 50s, General Griswold, **K0DWC**, vice commander of SAC and General Curtis LeMay, **K4RFA**, commander of SAC, put Collins radio gear on an Air Force plane (C97 in the background) flying around the world staying in touch with Offutt AFB, Omaha, NE the whole time. They used the famous Collins KWS1 and 75A4 combination. This proved the concept of HF SSB for Air Force use and allowed them to convert to this mode of communication without incurring extensive research and development costs.

I had QSOs with Butch several times on 20 meters from 1957 to 1960, the first time at his home at Offutt AFB, home of SAC. Some were unforgettable. In January 1958, I talked to him a couple of times one day flying over Jacksonville, FL.

A couple of months later, I answered a fellow using Butch's call, **K0DWC**. It was Art Collins, **W0CXX**, founder of Collins Radio. He was in an C-97 near Tampa FL and he told me that General LaMay and Butch were up front flying the plane.

In August 1958, I talked to Butch at his home and he told me to listen for him in a couple of hours. He was going to Paris for a few days for the Air Force. When I contacted him a couple of hours later, he was in the C-97 climbing out from Offutt. A little later, I talked to him near Montreal, Canada. He said he would not be able to talk when they left Canada until he got back to the USA on Friday. Sure enough, we hooked up again when he was over NYC headed to Washington, DC to



**Butch, K0DWC & Art Collins, W0CXX, in front of a C-97.**

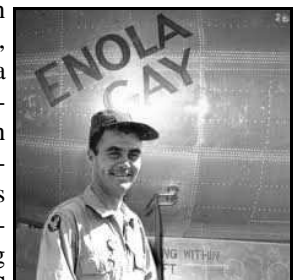
be debriefed on his trip.

In March 1960, my cousin, **W4QI**, and I went to NYC to the IEEE convention and SSB dinner at the Waldorf Astoria. After the dinner in the hallway, I saw Butch in his full dress General's uniform. I went to him and we were both happy to meet and shook hands.

Funny thing happened the next month. I went to Shaw AFB for 2 weeks and told an Airman 1st Class that I met Butch and said "Howdy Butch". He said "You mean you called a Lt. General 'Butch', shook hands and you're just an Airman 2nd"? I told him I didn't have a uniform on, he didn't know I was a reservist and everyone uses their given name in Amateur Radio!

**Brigadier General Paul Tibbets, K4ZVZ**

On October 6, 1959, I had a 21 minute conversation with Paul on 20 meters. He was flying a KC-135 heading South over NC



and SC. I did not realize who he was until about 35 years later when I was entering data from my paper logs into my computer log. In case you don't know or remember who Paul was, he was the pilot that flew the Enola Gay over Hiroshima and dropped a bomb code-named Little Boy.

Next month, I plan to write about other QSO's I'll never forget. If you have some QSO's you'll never forget, send the info to me to share with the club members. - **W4YDY**

## ARRL Helps Manufacturer to Resolve Arc Fault Circuit Interrupter RFI Problems



**W1AW Manager Joe Carcia, NJ1Q, with the AFCI test fixture the ARRL Lab used to check the susceptibility of the breakers to RFI. (Mike Gruber, W4MG, photo)**

11/19/2013 - The ARRL Lab has worked with a manufacturer of arc fault circuit interrupter (AFCI) breakers to resolve complaints that Amateur Radio RF was causing certain breaker models to trip unnecessarily. Like the more common ground fault circuit interrupter (GFCI), the AFCI is a safety device. Primarily designed to detect problems that could result in a fire, AFCIs detect potentially hazardous arc faults that result from often unseen damage or poor connections in wiring and in extension cords and cord sets.

"Several months ago we started receiving reports from amateurs that when they transmitted, their AFCI breakers were tripping," said Mike Gruber, W1MG, the ARRL Lab's EMC specialist. He notes that the issue has been a topic of online ham radio discussions as well as on homeowner sites; it seems that stray RF is not the only thing that can cause a "nuisance trip" of an AFCI. Gruber pointed out that the National Electrical Code (NEC) already requires AFCIs in some household circuits, but not all US jurisdictions have adopted the requirement.

Gruber said that as AFCIs became more common in new construction in the US, reports started coming in that AFCIs in the vicinity — not just in the radio amateur's home — would trip in the presence of RF from an Amateur Radio transmitter. While each manufacturer's design is proprietary, most AFCIs detect arcs by moni-

toring the shape of the alternating current waveform, changes in current levels, voltage irregularities, and the presence of high frequency emissions or "noise." The ARRL Lab dug into the problem.

"Last summer we built a test fixture in which we could test any type of circuit breaker," Gruber said. It involved using W1AW as an RF source. Gruber says he bought one of "every AFCI that I could get my hands on," but when the Lab began testing them during W1AW transmissions, none of the devices

tripped.

A ham in New Mexico who had reported AFCI problems sent some of his breakers to the ARRL Lab, "and those tripped when we tested them," Gruber said. The problematic breakers were certain models made by Eaton Corporation. "We already had an Eaton breaker, an older model, but it did not trip," he noted, adding that the breaker had a yellow button. The newer model, which had a white button, did trip in the presence of RF, however, even at power levels down to about 50 W on 17 meters.

Gruber contacted Eaton, and two of the manufacturer's engineers visited ARRL Headquarter in August. "Eaton was extremely cooperative and eager to resolve this," Gruber recounted. "They spent the day with us, going over our test methods and took some of the problematic breakers back with them, eventually developing a modified version.

"We have just finished testing the new version of the breaker, and it did not trip during W1AW transmissions and in other tests," Gruber reported. He said the new breaker is still in the queue for UL approval.

Eaton Engineering Director Andy Foerster said arc fault detection is challenging, in part because so many common household devices — such as vacuum cleaners and power tools that use motors with brushes — create arcing. In informa-

tion provided to ARRL Eaton engineer Lanson Relyea said that because AFCIs rely on HF emission detection to verify arcing, "any signal that conducts or radiates a signal within the detection band of the AFCI can cause interference and cause the device to trip without the presence of a true arcing condition."

Foerster explained that all arc fault devices must meet the requirements of UL standard 1699. "This standard requires a very extensive set of tests to confirm that the device will detect an arc, that it will not nuisance trip in the presence of a set of common loading conditions, and that it will resist a variety of environmental noise sources," Foerster told ARRL. "Among this last set of noise sources is radiated electromagnetic field immunity and immunity to conducted disturbances."

Foerster said AFCIs use "some pretty sophisticated digital signal processing technology" to distinguish various types of arcs. "They continue to get better, but they are not perfect," he added. "And the governing philosophy is that they should err on the side of tripping." According to Foerster and National Fire Protection Association (NFPA) statistics, the use of AFCIs appears to have contributed to an overall decrease in house fires from electrical causes. When the National Electrical Code (NEC) begins to specify AFCI receptacles next year, Foerster assured, these will include "the immunity to ham radio RFI that we have developed with the testing assistance of the ARRL."

Eaton and ARRL agreed that when the manufacturer comes out with any new models of breakers, it will ask the League to test them at W1AW. "It's a win-win situation," Gruber said. Eaton also has agreed to work with anyone having a problem with RF tripping its AFCIs. Eaton says that AFCI manufacturers "are aware of this compatibility issue and are actively working to correct this in future products."

Eaton's Relyea said that hams experiencing unwanted tripping problems with their or their neighbors' AFCIs should contact the manufacturer as the first step in rectifying the compatibility issue. In the case of Eaton breakers, contact Bob Handick (412-893-3746) or Joe Fello (412-893-3745). - via [ARRL.ORG](http://ARRL.ORG)

# 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](mailto:barc@w4amc.com) (no spaces)

*NOTE: Commercial rates on page 7.*

**For Sale:** Kenwood SP-520 speaker: \$30.00.

Murray, **K4MHM:** [mmmm0320@gmail.com](mailto:mmmm0320@gmail.com)

**Wanted:** Vertical HF antenna, cheap! Helping friend to get on the air. Email Hollis, KC3X, [hdssoftail03@earthlink.net](mailto:hdssoftail03@earthlink.net).

**FOR SALE:**

**IC-725** HF All Band transceiver orig box manual 295.00

**IC-756 Pro** HF/50 MHz All band Transceiver orig box manual 1100.00

**IC-756 Pro II** HF/50 MHz All Mode Transceiver no box manual 1300.00

**FT-270** R/E VHF FM Transceiver box manual 95.00

**MFJ-207** HF SWR Analyzer box manual 40.00

**MFJ-949E** Deluxe versa Turner box manual 100.00


**Cushcraft AR-270B** Dual Band Ringo (2 M/70 CM) 10.00

**Arrow Model GP 146** ¼ Wave Ground Plane (2M) orig box 10.00

Bill Finch, AI4TN

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Mike Langley  
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[www.hrblock.com](http://www.hrblock.com)

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# BARC Meeting Minutes - November 2013

BARC Meeting Minutes

**Date:** 11.12.13

**Call to Order:** 7:30 pm

There were 19 persons present as recorded in the sign in book.

**Minutes:** Approved as published in Ham Chatter.

**Secretary's Report:** Ted Bertrand, **KI4PWX**, had nothing to report. Balloting for the 2013 Peer Awards was held. Results will be announced as the December Meeting.

**Treasurer's Report:** Gerry Clayton, **K4IDD**, gave the report. The 2014 budget was presented and approved by majority vote of the members present.

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

**VE:** Ted Bertrand, **KI4PWX** reported that the next VE session will be Dec. 17, 6:30 pm at the VFW Post. See [w4amc.com](http://w4amc.com) for details.

**Health and Welfare:** John McCoy, **K4KBB**, had nothing to report beyond what is listed in Ham Chatter.

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

**Pitt County ARES:** Bill Dawson, **W4SLC**, reported that he will be stepping down as AREA 2 EC at the end of the year. We thank Bill for his years of service to ARES and to BARC.

**Public Service:** The Reindeer Dash for Cash will be Dec. 8. This annual event honors Captain Christopher Cash, who was killed during an ambush while serving in Iraq. All proceeds are awarded as college scholarships at East Carolina University, Pitt Community College, NCNG Association Educational Foundation, and NC Wesleyan College. We are looking for at least 6

BARC members to provide radio communications during the event Sunday, Dec. 8. Details to follow. Contact Richard Campbell, **W4JNC** or Josh Steele, **KB3VKH**.

**Future Programs:** The December 10 program is the annual Christmas Party, Dinner and Awards. Dinner is potluck. Bring a dish to share. Set up starts at 6:30. Dinner is at 7:00.

**Old Business:** None

**New Business:** Elections for the 2014 BARC Officers were held. The 2014 Officers are:

President: Terry Monday, **K4CYD**

First Vice President: Josh Steele, **KB3VKH**

Second Vice President: John McCoy, **K4KBB**

Secretary: Ted Bertrand, **KI4PWX**

Treasurer: Gerry Clayton, **K4IDD**

Past President: Richard Campbell, **W4JNC**

2<sup>nd</sup> Board Member: Morris Lewis, **AK4MU**

**Announcements:** The Benson Ham Fest is Sunday, Nov. 17. The Richmond, VA ham fest is coming February 1.

**50/50 Raffle:** Terry Monday, **K4CYD** won the raffle.

**Program:** A movie about the history of the VOA site in Bethany Ohio was shown.

**Adjournment:** 9:15 pm.

Respectfully Submitted by

*Ted Bertrand, KI4PWX*  
*BARC Secretary*

# BARC Board Minutes - November 2013



BARC Board Meeting Minutes

**Date:** 11.26.13

**Call to Order:** 7:30 pm

**Secretary's Report:** Ted Bertrand, **KI4PWX**, had nothing to report.

**Treasurer's Report:** Gerry Clayton, **K4IDD**, gave the report.

**Equipment:** Ted Bertrand, **KI4PWX**, had nothing to report. As of January

2014, Richard Campbell, **W4JNC**, will be the equipment manager.

**VE:** Ted Bertrand, **KI4PWX**, reported that next VE session will be December 17 at the VFW Post on Mumford Road at 6:30 pm.

**Health and Welfare:** No report was given.

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

**Publicity:** Announcements for club activities would run in the Daily Reflector.

**Public Service:** The Reindeer Dash for Cash will be Dec. 8. This annual event honors Captain Christopher Cash, who was killed

during an ambush while serving in Iraq. All proceeds are awarded as college scholarships at East Carolina University, Pitt Community College, NCNG Association Educational Foundation, and NC Wesleyan College. We are looking for at least 6 BARC members to provide radio communications during the event Sunday, Dec. 8. Details to follow. Contact Richard Campbell, **W4JNC**, or Josh Steele, **KB3VKH**, for instructions on how to pre-register if you wish to volunteer to help.

**Future Programs:** The December Program will be the annual Christmas party potluck dinner. Bring a dish to share. Dinner is at 7 pm, set-up is at 6:30. Dinner will be followed by presentation of the 2013 Peer Awards.

**Old Business:** None

**New Business:** The next Board Meeting will be January 7 at 7:30 at the Offices of Monday & Monday, CPA, suite D, East Victoria Court.

**Announcements:** None.

**Adjournment:** 8:15 pm.

Respectfully submitted by

*Ted Bertrand, KI4PWX*  
*BARC Secretary*

## Amateur Radio Remains a Communication Mainstay in Storm-Stricken Philippines

11/26/2013 - Ham Emergency Radio Operations (HERO) stations activated by the Philippine Amateur Radio Association (PARA) remain in demand after Typhoon Haiyan (Yolanda) devastated the central Philippines on November 8. PARA Vice Chief Operating Officer Ramon Anquilan, DU1UGZ, said that mobile radio services are available in some places, but they are patchy and unreliable. Relief trucks are transporting aid supplies and personnel from multinational and local groups. Anquilan said the HERO station staffed by DV6ILA and DW6WAV at Panay Island in Roxas City got a surprise visit from the bureau chief of the UN Office for the Coordination of Humanitarian Affairs (UN OCHA), Fernando Arroyo EA4BB.

"He could not believe his eyes when he saw the station," Anquilan said. He said Arroyo had a few short QSOs on the spot. After visiting the HERO station nearly every day, he appointed DV6WAV to head his convoy team to meet international aid volunteers at the airport. More than 29 foreign agencies have so far arrived to carry out relief and recovery aid.

The HERO station in Roxas City reported that power has been restored to shops that also have banking facilities, but most residential areas are still with no power. 4F6UUX reported a similar lack of power in parts of Iloilo City. A ham radio transceiver has been provided to the Office of Civil Defense in Roxas City as a secondary means of communication.

In his report on the Leyte-Samar area, Anquilan said the Don Bosco Technical College's DX1DBT is being staffed by students, while priests are reported at the helms of DU7/N1PK in Cebu and DV1WDJ/5 in Borongan, with DV5PO. Don Bosco supplied more diesel fuel for the generator at the DV5PO HERO station. Paul Ancheta, DV1WDJ, a student and member of the Don Bosco Technical College Amateur Radio Club DX1DBT, spent time at Borongan with other priests to set up a HF station. He reported that while he was able to get cell service at his location, it was intermittent. DV1WDJ said he was able to install an inverter and would soon

test out solar panels. Randy Pancito, DV7NGG, has set up the Don Bosco Liloan station serving as the Cebu link to the Don Bosco Borongan lifeline.

Jerick Silva, DV5JMS, of ACCESS 5 updated HERO by reported that they can operate on 7.095 MHz only when the military is not transmitting. He said the military was using his other transceiver at the grandstand command post in Tacloban City. The Albay Province Office of Civil Defense team was reported to be moving an ACCESS 5 team to Borongan, Eastern Samar. DV5JMS requested that DV5PO monitor both 40 meters and VHF 145.650 for better coordination. He said the Office for Civil Defense command post in Manila was also monitoring 7.095. Reni Ellaba, 4F5RAG, was reported to be embedded with the Department of Health teams at the city hospital.

James Uy, DU7JGU, reported that another NORAD 7 team was on its way to Tacloban to help at a hospital there. The team has VHF radios but no HF gear. DX9EVM members from Davao reaching the interior of Palo, Leyte, brought relief goods and handled health-and-welfare traffic. RADNET 5 members are now active assisting a feeding program and relief distributions.

Roy Garbonera, DV8BQI, in Barangay, recounted his experience in crossing to Bantayan Island via Hagnaya Pier and said there was a long queue for loading relief goods. He distributed the goods he had with him and reported a need for nails and tarpaulins as temporary repair material for houses. Mobile phones work, but there is no residential power.

An initial assessment meeting was held in the PARA offices in Manila, although the extent of the HERO contribution may not be known for some time. "Our HEROs are now stretching their resources and capabilities," Anquilan said, "not only as communicators but also as individuals whose personal lives and families have been greatly affected by this disaster." — *Jim Linton VK3PC, Chairman IARU Region 3 Disaster Communications Committee. - via ARRL.ORG*

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## NETS

### VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2030 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 Ahsokie 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.pcara.us/>

**Greenville repeaters**

**147.09/69 - 145.35/144.75**

**444.8/449.8**

**All use 131.8 tone**

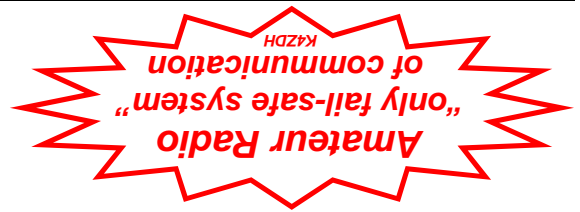
# BARC CALENDAR OF EVENTS

Dec 6/7..... SkyWarn Recognition Day - Newport	Feb 11..... <b>Regular Meeting</b>
Dec 7..... ARRL 160 Meter Contest	Feb 15/16..... ARRL CW DX Contest
<b>Dec 10..... Christmas Party</b>	Feb 18..... BARC <b>VE</b> Session – <b>TUESDAY</b>
Dec 14..... ARRL 10 Meter Contest	Feb 21/23..... CQ WW SSB 160M Contest
Dec 17..... BARC <b>VE</b> Session – <b>TUESDAY</b>	Feb 23..... NC QSO Party
Jan 4..... <b>HAM CHATTER DEADLINE</b>	Mar 1..... <b>HAM CHATTER DEADLINE</b>
Jan 4/5..... ARRL RTTY Roundup	Mar 1/2..... ARRL SSB DX Contest
Jan 7..... <b>Board Meeting</b> ( <i>delayed 1 week</i> )	Mar 11..... <b>Regular Meeting</b>
Jan 14..... <b>Regular Meeting</b>	Mar 25..... <b>Board Meeting</b>
Jan 18/19..... ARRL January VHF Contest	Mar 29/30..... CQ WW SSB WPX Contest
Jan 24/26..... CQ WW CW 160M Contest	Apr 19..... RARSFest - Raleigh**
Jan 28..... <b>Board Meeting</b>	
Feb 8/9..... CQ WPX RTTY Contest	

**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  
December 10**

**December 2013**

To:



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 Brightleaf Amateur Radio Club  
 PO Box 8387  
 Greenville, NC 27835