

# Ham Chatter



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June 2014

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## ISS Crew Members Back on Earth; Return Trips Uncertain for US Crews



**Soyuz returns to Kazakhstan**

Three International Space Station crew members returned to Earth May 13 after 188 days in space. The NASA reported that Expedition 39 crew increment of Cosmonaut Mikhail Tyurin, RZ3FT, of Russia, and Astronauts Koichi Wakata, KC5ZTA, of Japan, and Rick Mastracchio, KC5ZTE, of the US, all appeared to be in good condition. Their Soyuz TMA-11M spacecraft landed in the steppe of Kazakhstan, borne by parachute for the final part of its descent. Helicopters carrying Russian recovery teams and NASA personnel reached the landing site shortly afterward to assist the crew and to conduct medical examinations.

The undocking marked the end of Expedition 39 and the start of Expedition 40 under the command of NASA astronaut Steve Swanson. Wakata, the first Japanese ISS commander, passed the baton to NASA Astronaut Steve Swanson during a change-of-command ceremony on May 12.

During their time aboard the ISS, Wakata and Mastracchio conducted Amateur Radio on the International Space Station school contacts from NA1SS onboard the station. Wakata also helped to commission the Ham Video digital amateur television system. Mastracchio performed three contingency spacewalks during his stay.

Swanson and his crewmates, Alexander Skvortsov and Oleg Artemyev of Roscosmos, will operate the station as a three-person crew for 2 weeks until the scheduled arrival of three new crew members — Reid Wiseman, KF5LKT, of NASA, Max Suraev of Roscosmos, and Alexander Gerst, KF5ONO, of the European Space Agency. Although the trio is scheduled to launch to the station from Kazakhstan on May 28, increasing political tensions between Russia and the US stemming from the situation in Ukraine have cast doubts on Russia's willingness to continue to ferry US crew members to the ISS.

On the day of Expedition 39's return, Russia announced that it would deny US astronauts transportation to the station. Russia said its action was in response to US-imposed sanctions on Russia. Since the space shuttle program ended, the US has depended on Russian space vehicles to carry its astronauts into orbit.

According to media accounts, Russian Deputy Prime Minister Dmitry Rogozin said US involvement was not necessary for continued use of the station. Rogozin said the Russian ISS segment can exist independently from the US segment, while that's not the case for the reverse situation. — Thanks to NASA, media accounts - via [ARRL.ORG](http://ARRL.ORG) 05/15/2014

## Next Meeting – June 10, 2014

The Brightleaf Amateur Radio Club will have its regular meeting at 7:30 PM on Tuesday, June 10, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program will be by Richard Campbell, W4JNC, BARC Field Day Chairman. He will discuss with the members plans and setup for Field Day. BARC Field Day will be at the same location as last year at the East Carolina University West Research Campus, formerly the VOA Site C Receiver site on VOA Site C Road West of Greenville. All members, families and guests are invited to attend.



[www.arrl.org](http://www.arrl.org)

The next Board Meeting will be June 24 at 7:30 at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.



## Fox-1 Launch Date Slipping into Summer of 2015

AMSAT-NA has announced that its Fox-1 CubeSat likely will not launch until the summer of 2015, "due to governmental priorities." The satellite was set to head into orbit in December 2014. Fox-1 is on the flight manifest for NASA's Educational Launch of Nanosatellites Mission 12 (ELaNa-12). The first phase of Fox satellites are 1-Unit CubeSats that will include an analog FM voice repeater that will allow simple ground stations using a hand-held transceiver and a simple dual-band antenna to make contacts via the satellite. The Phase 1 CubeSats also can handle high-speed digital communications. Two Phase 1 Fox satellites have been accepted into the ELaNa program.

"This delay is mixed news for AMSAT," AMSAT-NA President Barry Baines, WD4ASW, said in his latest AMSAT Journal "Apogee View" column. "While we are disappointed that this will mean that Fox-1 will not fly in 2014, it also means that we have more time to complete and test the spacecraft prior to delivery to SRI. In the overall scheme of things, it allows AMSAT to have greater confidence in the delivery of a thoroughly tested spacecraft by taking more time to allow for unforeseen contingencies and to do the ground testing."

The ELaNa-11 mission also has slipped, Baines said, and now is set to fly in the March/April 2015 time frame, instead of next

February. Because both launches are being delayed, he said, the National Reconnaissance Office-Office of Space Launch (NRO OSL) has asked that CubeSats currently scheduled for ELaNa-11 or ELaNa-12 be delivered to Cal Poly by this October 1 — 4 months later than the original Fox-1 delivery date but "with the potential for being flown on the earlier flight," Baines said.

The downside is that the ELaNa-11 orbit is slightly different, with a lower apogee and inclination and with a shorter orbital life — 6.5 years as opposed to 11 years for the ELaNa-12 mission. "Consequently, we're looking at the impacts of flying earlier, with the tradeoff of shorter mission duration," Baines said.

Baines pointed out that, as a secondary payload, AMSAT "is at the mercy of decisions by those who are 'paying the freight.' We're benefiting from a launch paid for by the US Air Force; their mission priorities drive the launch opportunities."

He said that while AMSAT members may be disappointed by schedule change, he asked that they also understand that such a free ride "comes with the expectation that launch schedules may indeed be altered to satisfy other requirements. Stay tuned."

AMSAT's Phase 2 Fox satellites will include software-defined-transponders (SDX) such as the one tested on ARISSat-1. The Phase 2 satellites will operate on a variety of analog and digital communication modes, including linear transponders. Because of power requirements, the Fox-2 satellites likely all will be 3-Unit CubeSats, AMSAT has said. — Thanks to AMSAT News Service - via ARRL.ORG



## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, June 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!**



# Happy Birthday

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

4	<b>KK4LHL</b>	Jonathan O'Quinn
11	<b>WA4SLC</b>	Bill Dawson
12		Lindalee Hanrahan
15	<b>AI4TN</b>	Bill Finch, Jr.
16	<b>KK4WDY</b>	Randy Ritchey
17	<b>K4IDD</b>	Gerry Clayton
22	<b>KG4SAA</b>	Jack Frye
27	<b>W4JNC</b>	Richard Campbell

Additions or corrections to W4YDY

## Well Wishes

Thoughts and Prayers go out to the following:

**Charlie Wells, K4SKI**

**Tom Parsons, W4TEP**

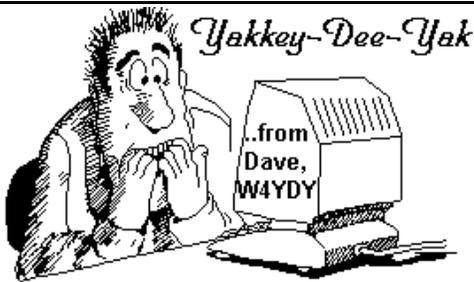


Please inform John McCoy, K4KBB, k4kbb@earthlink.net of any changes.

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BARC is losing a couple of very active members this summer. Ted, **KI4PWX**, and Brenda Bertrand, **KJ4GDS**, are moving from the Greenville area. They both have been very active in the club and stepped up to help out. They served as Treasurer and Secretary a couple of years ago and Ted is presently BARC Secretary. A secretary will be appointed by the board soon.

When Brenda was secretary, after a meeting, I would turn on my computer when I got home and her meeting minutes were already there via email. I guess her computer was smoking! Also, Ted served as equipment manager for several years until December 2013. Most important, Ted has been the Volunteer Examiner Liaison for a number of years. We hate to see them leave but wish them the best.

Now a new VE Liaison will have to step forward. **The Liaison should have an Amateur Extra Class license and be a Volunteer Examiner.** To become a VE, all the information is on the ARRL web site. They have a book to study that can be downloaded or you can order a printed copy. The exam is an open book exam.

BARA has a VE session six times a year on even months on the third Tuesday of the month. The exams are scheduled to start at 6:30 PM. Seldom does it go past 2 hours and many times it is over in 1 to 1 1/2 hours. Rarely are we there past 8 PM.

If no one volunteers to be the VE Liaison, FCC exams in Greenville may be a thing of the past. It would definitely hurt new people in the area getting a license. Also, we have had people as far away as Virginia and South Carolina to travel to Greenville just to take exams. It is not unusual for examinees to travel 50 to 80 miles for exams in Greenville.

Now is the time for all club members to step up and help run the club. We need new ideas! It's not hard at all and you will get a chance to know all the other club members much better. Most positions

just take just a little spare time. You will be surprised how much enjoyment you will get for serving the club. You don't have to have been in Amateur Radio for a long time. Even if you have only had your license a short time or a member of the club for a short time, **volunteer** and enjoy this great hobby much more. - **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, campbellerecu @ embarqmail.com** (Phone 758-1244)

## Ham Radio Volunteers Shift Gears to Handle Mountain Bike Event Emergency



The 2014 Whiskey Off-Road Mountain Bike Event on April 26 in and around Prescott, Arizona, quickly developed into an emergency exercise for Yavapai Amateur Radio Club volunteers who were supporting communication for the 11th annual race. Some 2000 amateur and professional mountain bike riders took part in the 50-mile event. About an hour after it began, however, temperatures dropped, and riders were confronted with a mixture of rain, high wind, sleet, and snow. As the weather worsened, some riders dropped out at the second checkpoint, returning to Prescott via a connecting road. Other riders, however, soldiered on for another two

checkpoints, at which time another 50 participants quit due to the worsening weather, with some exhibiting symptoms of possible hypothermia. Event communications quickly switched into evacuation mode, and the net control station contacted all checkpoints to determine how many riders needed transportation back to Prescott.

“Net control worked with race, search-and-rescue, and other emergency personnel to coordinate transportation to evacuate these riders,” Yavapai County Arizona ARES District Emergency Coordinator Lloyd Halgunseth, **WA6ZZJ**, explained. “Personal vehicles and a bus were used in the evacuation.”

With evacuation transportation on its way, Amateur Radio volunteers and race personnel staffing checkpoints provided warm refuge in their own vehicles for some of the riders who were suffering the most. The race continued, and Amateur Radio and event communications were used to locate some missing riders.

Once things settled down, the net shifted back into its accustomed role of gathering race updates from the checkpoints. Everyone was brought in safely, albeit a bit cold. Abandoned bikes were retrieved and returned to the event center.

Despite the challenging conditions, more than 300 cyclists completed the entire course. The weather front broke later in the morning, and the second race began around noon. Race officials shortened the second ride from a planned 25 miles to 15 miles, and it finished with no major incidents.

“During this emergency communications exercise, Amateur Radio enabled a quick response by race officials, which kept a bad situation from getting worse,” Halgunseth said. “This response contributed to the overall success of this three day event.” The Yavapai Amateur Radio Club is an ARRL-affiliated Special Service Club. — Thanks to Frank Bender, **K8FB** - *via ARRL.ORG 05/06/2014*

## ARRL Announces Free Exam Review Website

The ARRL has launched a new online resource that allows users to take randomly generated practice exams using questions from the actual examination question pool. ARRL Exam Review for Ham Radio™ is free, and users do not need to be ARRL members. The only requirement is that users must first set up a site login (this is a different and separate login from your ARRL website user registration).

“The ARRL’s online Exam Review is designed to help license examination candidates review their progress as they study,” said ARRL Marketing Manager Bob Inderbitzen, NQ1R. “As you complete a chapter or section of a license manual, you can turn to the online program to review all of the related questions taken directly from the examination question

pool. After answering each question — right or wrong — the correct answer is shown, and a page reference to the license manual is displayed for further review.”

Inderbitzen said that when you’re close to completing your study, you can take as many practice exams as you like. “The practice exams can be taken on-screen or printed. You won’t have any surprises on exam day!” he added.

Inderbitzen said users are encouraged to share feedback and suggestions for improvement with the development team, using the online feedback form linked from the Exam Review site. ARRL Exam Review was designed for ARRL by DHF Systems, the creator of ARRL’s TravelPlus for Repeaters™ software.

Education Services Manager Debra Johnson, K1DMJ, pointed out some

of ARRL Exam Review features that are intended to help Amateur Radio instructors and schoolteachers. “Instructors have a new online resource at their fingertips,” she said. “They can print practice exams anytime and encourage students to review between classes. The site is also mobile-browser friendly, so it can be used on a laptop, tablet, or smartphone, at home or in the classroom.”

While ARRL Exam Review is being introduced with the new, third edition of the popular Technician study guide, The ARRL Ham Radio License Manual, the site also supports practice examinations for General and Amateur Extra. An updated Technician class examination question pool becomes effective July 1, and Exam Review will automatically transition to the new question pool on that date.

## Alpha and TEN-TEC to Merge Under RF Concepts Banner

Two major American Amateur Radio manufacturers are joining forces. Alpha Amplifiers and TEN-TEC have announced that they will merge under the RF Concepts brand. The announcement came May 9 in Longmont, Colorado, where RF Concepts and Alpha are headquartered. TEN-TEC, the older of the two concerns, is located in Sevierville, Tennessee. The merger creates a multi-million-dollar company with a product line that extends from QRP transceivers to legal-limit amplifiers.

RF Concepts/Alpha Amplifiers has been in business since the early 1970s and has produced more than 13,000 amps. TEN-TEC, founded in 1968 as a maker of transceivers for the QRP community, has expanded its line over the years to include a range of transceivers — from basic to top-tier — receivers, tuners, amplifiers, and accessories. While there is a small overlap in the companies’ respective product lines, RF Concepts Chairman Michael Seedman, AA6DY, called the union “the perfect combination of Amateur Radio brands.”

“For more than 40 years, Alpha Amplifiers and TEN-TEC have shared a reputation in the Amateur Radio market for offering exceptionally well-engineered, American-made products backed by extraordinary customer service,” said Seed-

man. “Alpha Amplifiers is known for ‘key-down performance,’ and TEN-TEC is known for pushing the boundaries of transceiver performance and capabilities.” Such a merger “makes perfect sense,” he added, pointing out that the merger will more than double the size of RF Concepts, allowing it “to invest more capital in innovative engineering and customer-driven product development.”



Plans call for RF Concepts to share operations between its Colorado and Tennessee locations, and the company is looking for a new operations facility in the Sevierville area that would house manufacturing as well as some engineering resources as well as technical and customer support services. A few weeks ago TEN-TEC announced that it would not be holding its annual hamfest in Tennessee this year, due to plans to relocate its headquarters this fall. TEN-TEC announced “a massive moving sale” during September. The Colorado facility will house engineering resources, technical and customer support

services, and much of the front-office operation.

Jim Wharton, N04A, who took over as TEN-TEC’s president in January after founder Jack Burchfield, K4JU, retired, will continue as the president of the TEN-TEC group, while Ken Long, N0QO, who has been overseeing operations at Alpha Amplifiers, will head the Alpha group.

“Ken and I have spent quite a bit of time discussing our short and long-term focus over the last few weeks, and I feel our responsibilities are very clearly defined,” Wharton said. Long said he and Wharton have their work cut out for them in making sure the merger “goes as smoothly as possible.”

Announcement of the merger came a week before Dayton Hamvention®, where both Alpha and TEN-TEC have each had a prominent presence over the years. Upward of 25,000 visitors are expected to attend the show May 16-18, and Alpha and TEN-TEC will operate separate booths at this year’s show. Alpha will be demonstrating its not-yet-released Dream-Tuner 4040 Automatic Antenna Tuner, while TEN-TEC will unveil the Patriot, an open-source, Arduino-based SSB transceiver.

The two companies are privately held, and terms of the merger were not disclosed. - via ARRL.ORG

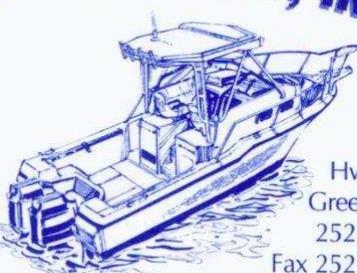
# Ham Ads

*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.**

## Ham Ads Work! Free ads for Hams

**For Sale:** 54' Tashjian LM-540E tilt over crank up tower. It has the erection fixture included. The antennas are a Tennadyne T8 Log Periodic, a Cushcraft A50-5S 5 element yagi and a Cushcraft 13B2 13 element yagi. The antennas are mounted on a 20' mast 2" diameter. All were purchased in 2006. Asking \$1600 for the tower, mast, and erection fixture. 6 meter yagi \$100. 2 meter yagi \$120. Tennadyne T8 Log Periodic \$400. Each piece is about one half of what I paid.  
 Ah Horvath, WA3OXM, Blounts Creek, NC. Ph: 252-974-0636  
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# BARC Meeting Minutes - May 2014

## May 13 2014 BARC Meeting

**Call to Order:** 17 members were present as recorded in the sign in book.

**Secretaries Report:** Secretary was absent no report given.

**Treasurer's Report:** Gerry Clayton, **K4IDD**, gave the report. Additional details are available upon request.

**Equipment Report:** Richard Campbell, **W4JNC**, report the clubs MFJ Antenna Analyzer need to be repaired he will check on the cost of the repair.

**VE Session:** Dave Langley, **W4YDY**, report next VE Session June 17, 2014 @ VFW Hut 6:30 PM. See [w4amc.com](http://w4amc.com) for details.

**Health and Welfare:** Dave Langley, **W4YDY**, report that David Erwin, **W4DLE**, had knee surgery and would be home in a few days. Doug Ferris report that John Johnston, **NC4JJ**, has been in the hospital for 2 weeks at this time he is in Room 514 at the New Heart center.

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

**Publicity:** Taylor Miller, **W4WTM**, reported that the Announcement for the next club meeting would be in the Daily Reflector the Sunday before the meeting on Tuesday.

**Public Service:** Richard Campbell, **W4JNC**, reported that he, Doug Ferris, **K4ROK**, and Josh Steele, **KB3VKH**,

worked the MS Walk on April 28.

**Future Programs:** June program will be on Field Day.

**Old Business:** No old business to report.

**New Business:** Richard Campbell, **W4JNC**, announced that the club needs a secretary and VE liaison person.

**50/50 Drawing Winner** Bob Hanrahan, **AF4QY**.

**Program:** Tim Parkin spoke to the Club on the proper use of the new type light bulbs and batteries and what his store Batteries Plus Bulbs has to offer.

**Respectfully submitted by:**

*Richard Campbell,*  
**W4JNC**

## Hundreds of Clubs Register their FD 2014 Sites on the ARRL Field Day Locator!

ARRL Field Day 2014 is just ahead — June 28-29. Let the world know about your ARRL Field Day Operation via the ARRL Field Day Locator. It's easy to use. The web page is intended to show only public Field Day sites that members of the public and media can visit. So far, 790 clubs have registered their Field Day information your group's participation. If

you're planning to operate from at a private and/or residential location, do not add your site to the map.

The 2014 Field Day packet is available on the ARRL website. A Spanish version of the Field Day rules is available too.

Last year, the League received more than 2500 Field Day entries,

representing participation by more than 36,000 radio amateurs who completed in excess of 1.2 million individual contacts on CW, phone, and digital modes.

For more information about Field Day 2014, e-mail ARRL Headquarters or call (860) 594-0236. - via [ARRL.ORG](http://ARRL.ORG) 05/30/2014

*Editors note: BARC FD site is registered.*

## D-Day Special Event Stations to be Active

Several special event stations will be on the air to commemorate the 70th anniversary of D-Day — the Allied invasion of the Normandy Coast of France in World War II.



In France, **TM70JUN** will be on the air from June 6 — the actual anniversary date — until June 20. Modes will be SSB, CW, PSK, RTTY, and JT65 on HF and 6 meters. Special event station **TM70BMC** will operate from Mont Canisy June 5-8.

**W9D** will be active on SSB, CW, and AM on HF through 6 meters June 6-8 from the First Division War Museum in Winfield, Illinois.

**VC3JUNO** from Canada will be on the air from June 6 until July 31 to commemorate the 70th anniversary of D-Day; "Juno" was the code name for the beach where Canadian forces landed.

The Riverway Amateur Radio Society will sponsor special event station **GB70DDL** from June 1 until June 28 from the Sea Cadet headquarters in Stafford, England.

On June 6, 1944, 160,000 Allied troops landed along a 50-mile stretch of heavily-fortified French coastline to fight Nazi Germany on the Normandy beaches. The attack was a major turning point in the war. More than 5000 ships and 13,000 aircraft supported the invasion, in which more than 9000 Allied soldiers were killed or wounded. - via [ARRL.ORG](http://ARRL.ORG) 05/27/2014

## WNPR Highlights the History of Amateur Radio and the ARRL



On a May 23 broadcast, Connecticut Public Radio station WNPR featured Amateur Radio and the ARRL as part of its "Where We Live" program, hosted by John Dankosky. During the segment, Dankosky and reporter Patrick Skahill, who also authors a science blog known as The Beaker, discussed the ARRL centennial and the rich history of Amateur Radio.

You can listen to the 12-minute segment at <http://wnpr.org/post/history-ham-radio>. (Click the orange PLAY button on the WNPR page.) The segment includes interviews with ARRL Public Relations Manager Sean Kutzko, **KX9X**, and ARRL Laboratory Test Engineer Bob Allison, **WB1GCM**. - via [ARRL.ORG](http://ARRL.ORG) 05/23/2014

## Connecticut Ham Uses Radio to Help Rescue Young Canoeist

Connecticut radio amateur Keith Mutch, KBIRBI, of Torrington, was on Ocean Beach looking out over New London Harbor the evening of May 4 when he spotted a young girl and her dog in distress in a canoe. The unidentified 12-year-old, not wearing a life vest, was attempting to paddle through rough water and increased winds when she got into difficulty.

Unable to contact authorities via his cell phone, Mutch used his hand-held transceiver to reach the US Coast Guard, which, in turn, alerted the a nearby passenger ferry to be on the lookout for the girl. In the interim, the canoe capsized. Fortunately the ferry located the youngster, and the crew tossed her a life ring to cling to until a vessel from Coast Guard Station

New London arrived to complete her rescue.

The dog swam nearly a mile back to land, where, coincidentally, Mutch was able to grab the dog's leash and reunite the dog with the girl and her family.

A ceremony at New London City Hall honored those involved in the rescue. On May 20, Connecticut State Rep Ernest Hewett, New London Mayor Daryl Justin Finizio, and the City Council recognized Mutch, members of the Coast Guard and the crew of Cross Sound Ferry's MV John H. for their roles in saving the girl. The Coast Guard also presented certificates to Mutch and the ferry crew. — From media accounts - *via ARRL.ORG 05/21/2014*

## US House Committee Expresses Support for MARS Program

The US House Armed Services Committee has expressed its continued support for the Military Auxiliary Radio System (MARS) program. The backing was included in a report accompanying HR 4435, the FY15 National Defense Authorization bill. Language drafted by the Subcommittee on Intelligence, Emerging Threats and Capabilities was subsequently approved by the full committee. The House Armed Services Committee also reiterated a series of recommendations it made 2 years ago to strengthen the program. Sponsored by the US Department of Defense, MARS is an organization of Amateur Radio volunteers who provide "contingency communications support" to the Defense Department and to US Government operations.

"In addition to providing an important backup to conventional communications that is potentially vulnerable to disruption or degradation, MARS can play a vital role in helping to ensure continuity of government and continuity of operations in the event of a natural or man-made disaster," the committee said. The House panel also expressed concern that the Defense Department was not taking full advantage of the capabilities that MARS provides, and it directed military officials "to inte-

grate MARS more fully into their operational planning and activities." It also called for folding MARS into the Department of Defense emergency communication plan.

The committee noted that recommendations made in its FY13 National Defense Authorization Act report had not been put into effect. The committee directed the Secretary of Defense to ensure standardization of operating policies and procedures among the three MARS branches — Army, Air Force, and Navy-Marine Corps — through the appointment of an individual manager. The committee also directed the Secretary to brief the committee on the status of the Defense Department document, now under revision, that provides policy guidance and outlines departmental responsibilities for MARS.

"There is growing recognition of the valuable role MARS plays in serving those who serve us," said David J. Stapchuk, Chief of Air Force MARS. "We are proud to contribute to our nation's security through the valuable support our volunteer members provide." — Thanks to Dave Trachtenberg, N4WWL/AFA3TR, National Planning Coordinator, Northeast Division MARS Director, USAF MARS - *via ARRL.ORG 05/14/2014*



## 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

## 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

Jun 10. . . . . **Regular Meeting**  
 Jun 14/15. . . . . ARRL June VHF Contest  
 Jun 15. . . . . ARRL Kids Day  
 Jun 17. . . . . BARC **VE** Session - **Tuesday**  
 Jun 24. . . . . **Board Meeting**  
 Jun 28. . . . . **HAM CHATTER DEADLINE**  
 Jun 28/29. . . . . ARRL Field Day  
 Jul 8. . . . . **Regular Meeting**  
 Jul 12. . . . . IARU HF Championship  
 Jul 19. . . . . Cary Swapfest \*\*  
 Jul 29. . . . . **Board Meeting**  
 Aug 2. . . . . **HAM CHATTER DEADLINE**  
 Aug 12. . . . . **Regular Meeting**  
 Aug 19. . . . . BARC **VE** Session - **Tuesday**  
 Aug 26. . . . . **Board Meeting**

Aug 30. . . . . **HAM CHATTER DEADLINE**  
 Aug 30/31. . . . . Shelby Hamfest \*\*  
 Sep 6. . . . . VA Beach Hamfest \*\*  
 Sep 9. . . . . **Regular Meeting**  
 Sep 27/28. . . . . CQ WW RTTY Contest  
 Sep 30. . . . . **Board Meeting**  
 Oct 12. . . . . Maysville Hamfest \*\*  
 Oct 14. . . . . **Regular Meeting**  
 Oct 21. . . . . BARC **VE** Session - **Tuesday**  
 Oct 25/26. . . . . CQ WW SSB DX Contest  
 Oct 28. . . . . **Board Meeting**  
 Dec 16. . . . . BARC **VE** Session - **Tuesday**

**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**



**June 2014**  
**Next Meeting**  
**June 10, 2014**

To:



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