



The Amplifier

Tar River Amateur Radio Club

June 2010

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WEB SITE: www.tarriverarc.org

Next Meeting

Tar River Amateur Radio Club meets on the first Monday of the month (**except when it is a holiday**). The June meeting of the Tar River Amateur Radio Club will be held Monday, June 7, **at the Rocky Mount American Red Cross Offices, 326 S. Franklin Street**. The meeting will start at 7:00 p.m. Talk-in on WA4WPD repeater: 145.290-, PL Tone 107.2. The June program will be Field Day Planning.

2010 VE Exam Schedule

Bill, N2BT

The Tar River Amateur Radio Club, Rocky Mount, NC, will hold ARRL/VEC Amateur Radio Exams in 2010 as follows.

June 5	August 7
October 2	December 4

Walk in candidates are welcome. No preregistration required.

Exams will start at 9 a.m. and will be held at:

The Braswell Memorial Library
727 N. Grace Street (corner of Grace and Peachtree Streets)
Rocky Mount, NC 27804

Please bring the following items when attending a testing session.

- Photo identification (drivers license)
- Social Security Number
- Original amateur radio license
- Copy of amateur radio license
- Test fee of \$15 payable to ARRL/VEC (checks preferred)

For further information visit our club website at www.TarRiverARC.org or contact

Bill Thomas N2BT
VE Team Coordinator
Rocky Mount, NC
(252)-442-6131

Email: N2BT@arrl.net

THIS NEWSLETTER MAY BE REPUBLISHED OR REPRODUCED BY CLUB MEMBERS IN WHOLE OR IN PART IN ANY FORM WITHOUT ADDITIONAL PERMISSION.

President's Corner

Robin, WA4WPD

June. Month of Field Day. That about says it all.

OK, I'm suppose to write more. So.

Anyone go to Dayton. I know Marty (W4MY), Carl (N4JEH) and myself did. Carl took a bunch of stuff to sell. He was at flea market spot FE2817. I was with him most of the time. Sold most of the stuff. All he brought back were some Johnson 450 repeaters and a few GE stations. Anyone want a 450 repeater? Cheap. I know where some are.

Kidding aside. Most of the stuff sold. Most interesting was stuff used for ballast sold fastest. Yes I said ballast. Old wiring kits for 60's - 70's GE and Motorola radios were almost gold. If you have any old cables of that vintage see me. The radios sold too, just not as fast. Every radio sold except for a low band one.

While I'm on radios. We didn't take many of them. Contacts before Dayton sold a lot. I mean a LOT.

The other interesting point was old GE microphones. There were multiple studio technicians there buying elements. They would buy the mike, remove the element and throw the rest away. According to them, old GE mikes (both desk and mobile) have the "perfect" element for studio recording. They are making new mikes using old elements. Again, if you have any see me.

By the time you read this the Red Cross Ride For Heroes will be over. This will be a topic for June's meeting. Bring your notes. Let's have a good discussion on how we can improve things next year.

Now for Field Day. As of April's meeting Fred had the Red Cross Alinco back. It was still broke. Approval was made to send it off for repairs. It should be back in time. I left my spare Icom 746 and a power supply. All the clubs coax and windoms were also left.

I know it's a bummer that I will not be there for Friday or Saturday. I will come Sunday after the HDSA National Convention is over (<http://www.hdsa.org/>). I will get the clubs software on a thumb drive for the meeting. I'm still working on two laptops and a router.

So let's get the final prep for Field Day.

See 'ya at meeting.

Upcoming Hamfests

June 12 – Winston-Salem, NC

June 19 – Kinston, NC

July 10 – Salisbury, NC

July 17 – Cary Swapfest

July 24 – Waynesville, NC

July 31 – Roanoke, VA

August 1 – Berryville, VA

August 7 – Fayetteville, NC

September 4 – Shelby – Dallas, NC

September 11 – Virginia Beach, VA

October 2 – Rock Hill, SC

October 9 – Pfafftown, NC

October 10 – Maysville, NC

November 21 – JARSfest, Benson, NC

Contests

June 4 - 6

Weekly NCCC SNS & NS Sprint - CW

Ten-Ten Open Season - Digital

DigiFest

UKSMG Summer Contest

SEANET Contest

IARU Region ! Field Day - CW

Alabama QSO Party

DARC 10 Meter Digital Contest

June 9 - 14

CWops Mini-CWT Test

Bill Windle QSO Party - CW

WFF Green Days

Portugal Day

Australian Shires Contest

Asia-Pacific Sprint - Phone

GACW WWSA CW DX Contest

REF DDSM Six Meter Contest

ARRL June VHF QSO Party

BARTG Sprint 75 - Digital

WAB 50 MHz Phone

June 16 - 20

SARL Youth Day Sprint - Phone

All Asian DX Contest - CW

SMIRK QSO Party

West Virginia QSO Party

Kids Day - Phone

Spanish Islands Contest

June 26 - July 4

His Majesty King of Spain - Phone

Marconi Memorial HF Contest - CW

ARRL Field Day

QRP ARCI Milliwatt Field Day

SARL Digital Contest

Ten-Ten Spirit of 76 QSO Party

2010 Club Dues/ARRL Dues

It is the end of the year and Fred is now accepting 2010 dues payments. TRARC dues are Please pay early and let's all try to recruit one new member this year.

If you are interested in becoming a 'new' ARRL member, we now have a special form that you can completely fill out, pay thru the club, and the club keeps \$15. If you are RENEWING your membership in ARRL, you may now pay thru the club, and it keeps \$2. ARRL dues are \$39 per year. There are others options also.

Help support your club.

Pay your dues at the meeting or send your check to: Fred Winner KE4LXW, 8972 Lancaster Store Rd., Castalia, NC 27816.

DX Info

{TNX to various ARRL email newsletters and ARNL}

MADAGASCAR, 5R. Michele, 5R8UI has been active on 15 meters using SSB around 1600 to 1700z. QSL via IZ8CCW.

IRAN, EP. Mohamad, EP4MRG has been active on 20 meters using SSB around 1430 to 1730z. QSL to home call.

SUDAN, St. Robert, S53R is QRV as ST2AR from Khartoum until the Summer of 2011 and is now active on 6 meters. QSL to home call.

CHAD, TT. Phil, F4EGS is QRV as TT8PK and has been active on 15 meters using CW around 1400z and 20 meters SSB around 1700z. QSL to home call.

ASIATIC RUSSIA, UA0. Valery, RZ9DX is QRV as RZ9DX/0/A from Medvezh'ya Island, IOTA AS-005, in the Kara Sea Coast West Group. He has been active on 20 meters using CW and SSB. QSL via operator's instructions.

BRUNEI, V8. Roslan, V85AVE has been QRV on 20 metes SSB around 1300 to 1500z. QSL via EA7FTR. In addition, Tamat, V85TL has been active on 20 meters CW around 1400z. QSL to home call. Mohamad, V85TX has been active using RTTY on 20 meters around 1600z. QSL via W3HMK.

AUSTRALIA, VK. In celebration of its 100th anniversary, the Wireless Institute of Australia's special event station VK100WIA is QRV until the end of September. QSL via bureau.

ETHIOPIA, ET. Sid, ET3SID has been QRV on 20 meters using SSB around 0330 to 0600z. QSL direct to home call.

PALAU, T8. Mike, KM9D is QRV as T88CF from Bablomekang Island, IOTA OC-009. To date, he has been active on 80, 30 and 17 meters. His length of stay is unknown. QSL via OM2SA.

ANGOLA, D2. Andrew, G7COD is QRV as D2AK from Luanda and is here for the next twelve months. Activity is on 80 to 10 meters using CW and SSB. QSL direct to home call.

MACQUARIE ISLAND, VK0. Denis, ZL4DB is QRV as VK0/homecall for the next three months while on work assignment. He is active in his spare time using SSB. QSL via ZL4PW.

VIETNAM, XV. Larry, W6NWS will be QRV as XV2W from May 15 to June 9. This includes entries in the upcoming CQ WPX CW and SEANET contests. QSL to home call.

ANNOBON ISLAND, 3C0. Elmo, EA5BYP and Javier, EA5KM will soon be QRV as 3C9B from Bioko Island and as 3C0C from Annobon Island, IOTA AF-039. Activity will be on 160 to 10 meters using CW, SSB and RTTY with two stations active. QSL via EA7FTR.

MALDIVES, 8Q. Thomas, OE2ATN plans to be QRV as 8Q7AT from Velidhu Island, IOTA AS-013, from May 23 to June 4. Activity will be mainly on 80, 40 and 20 meters using SSB. QSL to home call.

MAYOTTE, FW. Lionel, F5PSL will be QRV as FH8ND beginning May 23. Activity will be on the HF bands. His length of stay is unknown. QSL via F5PSA.

FRENCH GUIANA, FY. Bruno, FJ5IF is now QRV as FY8DK. He is here for several years. Activity is on the HF bands using mostly SSB. QSL via F5TJP.

HUNGARY, HA. Special event station HG30FHA is QRV until the end of 2010 in commemoration of the space flight of the first Hungarian astronaut, Bertalan Farkas. QSL via bureau.

SARDINIA, IS0. Special callsign IR0LVC will be QRV from Maddalena Island, IOTA EU-041, from May 22 to June 6 during the upcoming Louis Vuitton Trophy. Activity is on all HF bands with four stations. QSL via IS0MKX.

MONGOLIA, JT. Vasilii, RW9YW will be QRV as JT9YW from May 25 to June 2. QSL direct to home call.

BELIZE, V3. Mike, VE2XB will be QRV as V31XB from Caye Caulker, IOTA NA-073, from May 25 to June 14. Activity will be on all HF bands, including 6 meters, using CW and SSB. QSL to home call.

PRINCE EDWARD AND MARION ISLAND, ZS8. Pierre, ZS1HF is now QRV as ZS8M from Marion Island, IOTA AF-021. Activity of late has been on 40, 20 and 17 meters using SSB. He plans to be active using digital modes soon. QSL direct via ZS1X.

CHINA, BY. Special event station BT90HIT will be QRV from June 1 to 10 in celebration of the 90th anniversary of the Harbin Institute of Technology. QSL via BY2HIT.

PALESTINE, E4. A large group of operators are QRV as E4X until June 6. Activity is on 160 to 6 meters using CW, SSB and RTTY with three stations active simultaneously. QSL via EA5RM.

FRANCE, F. Special event station TM24H will be QRV from May 30 to June 13 in commemoration of the 78th running of the 24 hour Le Mans Road Race. QSL via F6KFI.

BRAZIL, PY. Look for stations ZV8S, PS8/PY2TJ and ZW8B to be QRV from Santa Isabel Island, IOTA SA-025, and the Pedra do Sal Lighthouse, ARLHS BRA-070, from June 2 to 7. Activity will be on 160 to 6 meters using CW, SSB and PSK31. This includes activity on 2 meters and satellites using CW, SSB and FM. QSL ZW8B direct via PS8HF and all others direct via PT2OP.

GREECE, SV. Laci, HA0HW is QRV as J48HW and SV8/HA0HW from Thassos Island, IOTA EU-174, until June 7. Activity is mainly on 40, 30, 20 and 17 meters using mainly CW, with some SSB, RTTY and PSK31. QSL to home call.

JK2VOC, will be active as portable BW2 from Taiwan between June 18th and the 20th. If you work him QSL direct to his home callsign.

Talk about a long tongue twister of a callsign. SP2QCW, is operating as HF2010WECK in all modes on all bands during the World Enduro Championships off-road motorbike race. He will be active until June 30th. QSLs SP2QCW either direct or via bureau.

IK8HCG will be active as IB0R from Ventotene Island during the RSGB Islands on the Air Contest July 24th and 25th. QSL via his home callsign, direct only.

Word that TU5KG will soon be fishing again around Crozet and Kerguelen Islands. He has secured the callsigns FT5WQ and FT5XT and hopes to become active during shore leaves. No exact dates for his operation or QSL route has yet been announced

VE3ZZ will be active as VE3ZZ stroke VY2 from Prince Edward Island between July 21st and the 26th. His operation will include an entry in the RSGB Islands on the Air Contest on July 24th and 25th as VY2X. QSL via his home callsign.

OPERATION APPROVED FOR DXCC CREDIT. The following operation is approved for DXCC credit: Iraq, YI9PSE, 2010 operation.

NC Section News

DAYTON

It was a pleasure to see and meet so many North Carolinians at the Dayton Hamvention this year. Although there were few new product introductions,

policies were clarified at the FCC and ARES forums, and those announcements are embedded in their respective sections below.

FIELD DAY

The Atlantic Division is hosting another webinar with a Field Day theme this Wednesday, May 19th, at 9:00 PM called "Making The Most of Field Day". Anyone can join this free event by registering at least 15 minutes before the start at <https://www1.gotomeeting.com/register/202998208> Less than 40 days to go! I'll be visiting many clubs east of I-95 this year and look forward to meeting you.

ARES

Over 40 operators from 17 counties attended the state ARES meeting in Raleigh on April 24th. Adopted was the policy that ICS courses 100, 200, 700 and 800 will be required for all ARES appointees at the level of county Emergency Coordinator (EC) and higher (DEC, ASEC and SEC) as of July 1, 2010. This is in compliance with a 2006 order from former Gov. Easley. Appointments for those who don't meet the July 1st deadline will be held for 30 days before replacements will be made. Also, Assistant Emergency Coordinators (AECs) within counties are not required to complete the four courses, but they must if they want to be included in the N.C. ARES database. ICS training is required for municipal and state Emergency Operations Center (EOC) assignments and for mutual aid response across county and state lines. Congratulations

for a successful hurricane exercise (HurrEx) on May 3-5. South Carolina ARES and SCHEARTS organizations graciously brought an EmComm trailer and portable Winlink stations to assist with the drill. Digital modes like Winlink are joining voice nets like the Tar Heel Emergency Net (THEN) to improve ARES emergency communications. Look for a nice write-up on last October's North Carolina SET in the upcoming July QST.

NEED HELP FOR LEGISLATION

Would you spend 44 cents to help erect an outside antenna on your property inside your covenant restricted neighborhood? 44 cents will buy a letter to your Representative in Congress asking for his or her support of HR2160, the "Amateur Radio Emergency Communications

Enhancement Act of 2009". The Senate equivalent of this bill, S1755, passed unanimously last December. During the FCC forum at Dayton, Bill Cross, W3TN, of the FCC's Mobility Division said he believed HR2160 would not be voted upon in this session of Congress because of more

urgent issues. Nevertheless, HR2160 has 38 co-sponsors, yet none are any of North Carolina's 11 congressmen. If this legislation, which would bring much relief to Amateur Radio, has a chance in this or future sessions, congressmen need to hear from YOU. It's an easy two step process. 1) download a sample letter at <http://www.arrl.org/files/file/Regulatory/DearMemberOfCongressHR2160.doc>, tailor it to your representative's address, and either email it from your home computer to their office, or send a paper version to ARRL's coordinator, Chwat & Co., 625 Slaters Ln, Suite 103, Alexandria, VA 22314. Chwat & Co. will ensure faster delivery to your representative than the congressman's mailing address. To find out who is your congressional representative, go to <http://www.house.gov/zip/ZIP2Rep.html> This may be a multi-year campaign, but it is crucial that we get as many North Carolina congressional representatives on board as possible.

SCHOOL CLUB STATIONS

Last month I congratulated the new club station at Pitt County Community College, K4PCC, and said then I thought it was the only community college station in North Carolina. I was quickly inundated with emails from faculty and alumni of Wake Tech Community College reminding me about WB4TOP, which has spawned many new operators since the 1980s. Sorry for the oversight, and glad to see that community colleges are fertile grounds for amateur radio. Herb Lacey, W3HL, is compiling a list of school stations in North Carolina which we plan to place on the section website. Please let him know if you have any school stations in your area.

NEW WEBSITE DESIGN

Overshadowed by the launch of the new ARRL website has been the redesign of our own section website at www.ncarrl.org Long time section webmaster Susan Langley-Jones, WA4AKB, has created the third generation of the website, and it looks great. In addition to making it user friendly for multiple browsers, mobile devices and the visually impaired, she has added a new page on the history of the North Carolina section. Thanks to Carl Starnes, W4EAT, Herb Lacey, W3HL, and Dave Langley, W4YDY for researching the history of section leadership going back 60 years.

MEDIA HIT

Hats off to the folks in the new Mayland club for getting a nice story on emergency communications at Blue Ridge Regional Hospital in Spruce Pine. The

club installed VHF&UHF/FM and Winlink equipment. You can see the story which aired on Asheville's WLOS-TV at <http://www.main.nc.us/MARC>

SILENT KEYS

We regret to announce the passing of Dr. Brad Bennett, K4MR, of Durham, and Jim Morris, KQ4O, of Granite Falls.

APRIL TRAFFIC

QNI (Net station check-ins) - 2,977, Messages passed - 450 K4IWW 401, KI4YV 157, W2EAG 114, W4DNA 109, W4TTO 62, W4FAL 45, KE4AHC 43, W3HL 42, W4EHF 34, WK4P 32, KC4PGN 30, K8SKX 25, NC4VA 23, WX4MMM 13

APRIL PSHR

NC4VA 288, W4DNA 150, K4IWW 130, W4FAL 130, W2EAG 110, KI4YV 100, W4TTO 100
ARES MEMBERS 1,794

UPCOMING PUBLIC SERVICE

June 5-6, Tour de Cure, Cary to Southern Pines
June 19, MS Ice Cream Ride, Research Triangle Park

June 26, Chatham County Ride of Habitat for Humanity

UPCOMING EVENTS

June 5, 66th Anniversary of the crash of the Badin Bomber in 1944, Badin, NC NC4MC Montgomery Amateur Radio Society

June 5, NC Aviation Museum Fly-In and War Bird Display, Asheboro, NC, NC4ZO Randolph Amateur Radio Club

June 5-6, Museum Ships Weekend. Participating will be Battleship North Carolina from Wilmington, NC AC4RC Azalea Coast Amateur Radio Club

June 26-27 FIELD DAY

UPCOMING HAMFESTS

May 29, DurHAMfest, Little River Community Complex, 8307 North Roxboro Rd., Bahama, NC 27503 Talk-In: 147.225;

June 12, Winston-Salem Classic, Dixie Classic Fairgrounds, 421 West 27th Street, Winston-Salem, NC www.w4nc.com Talk-In: 146.64 (100 Hz) or 145.47 (100 Hz);

June 17, Lenoir Community College Gymnasium, 231 Highway 58 South (intersection of US 70 & NC 58), Kinston, NC <http://www.downeasthamfest.org> Talk-In: 146.085 / 146.685 (PL 88.5)

THE LAST WORD – Dayton. The very word means the pinnacle of Ham Radio activity. If you've never been to Hamvention, you need to make the trip at least once, and chances are you will return. It's much

more than just the world's largest Hamfest; it's also a place to exchange ideas about Amateur Radio and meet a variety of people dedicated to our hobby and service. Some years are better than others, but every annual visit is worth the trip as you learn more about both Amateur Radio, yourself and how you can become a better operator. I'm glad I try to go every year. Some years I can't make it, but when I do, I come back reinvigorated and more optimistic about the future of Amateur Radio.

ARRL North Carolina Section

Section Manager: Mr William C Morine, N2COP
n2cop@arrl.org

Red Cross Ride for Heros

On Saturday, May 22, Tar River Amateur Radio Club members provided communications support for the Red Cross Ride for Heros, a 60 mile bicycle ride (with 7 and 14 mile routes also used). Members manned all of the SAG stops and Robin, WA4WPD, followed the lead pack around the course on his motorcycle so ride officials could track their progress, then after the lead pack finished the ride, he backtracked on the course to find and track the last rider. In addition to Robin, Fred, KE4LXW; Marty, W4MY; Darrell, KJ4ITR; John, KR4SV; and Les, W4FRA participated. There is an old saying about "A good time was had by all", but by the looks of a few of the bicycle riders at the finish, that probably would not be totally accurate.

Ham Gear for Sale or Trade

If you have any ham gear or other electronic gear to sell or trade, send a copy of your ad to
W4FRA@arrl.net.

FOR SALE - Kenwood TH-215A w/manual \$50; Azden PCS-7200 220 MHz w/manual \$200; HyGain Mark IV Rotator, Mast, Thrust Bearings, package \$300; Radio Shack DC Power Supply, regulated, 3 Amp, w/manual \$25; Icom IC-03AT, 220 MHz, \$100; Radio Shack HTX-202, \$50. - John Faulkner, KR4SV, 252-442-7946

FOR SALE - I have moved to New Bern and have a few ham antennas for sale. Please let the club members know. I am asking about half price for each. All have manufacturer's assembly and installation manual and include the cables and related galvanized steel masts:

Cushcraft R7 vertical for 10, 12, 15, 17, 20, 30, & 40 Meters - estimate new about \$510, will sell for \$250

Cushcraft AR-6 vertical for 6 Meters - estimate new for \$108, will sell for \$55

Cushcraft 13B2 boom Yagi for 2 Meters
SSB/CW/FM - estimate new for \$160, sell for \$80

I also have an Alinco DR-600 (works ok but needs a new lithium battery) and a mobile hand-held Icom (buttons stick). Make an offer.

Jim Dugan, W1JFD, 252-446-5319

jimdugan@embarqmail.com, W1JFD@arrl.net

FOR SALE

TH6 Antenna

Hygain Rotator

65' Rohn 25G

Tower and antenna have been dismantled and on ground

Contact KG4SPT at 252-946-7197 or

leary1@gotricounty.com

FOR SALE

ICOM IC-28H with manual and plastic mobile mount with speaker for transmission hump. TT pad on mike inop, PTT works ok, \$50.

Carolina Windom 40LP, the "low profile" version of this antenna, never used, opened to read instructions then put on shelf, \$50.

Les Zavadil, W4FRA, 252-446-7816.
