



# The Amplifier

Tar River Amateur Radio Club

July 2010

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WEB SITE: [www.tarriverarc.org](http://www.tarriverarc.org)

## Next Meeting – NOTE DATE

Tar River Amateur Radio Club meets on the first Monday of the month (**except when it is a holiday**). The July meeting of the Tar River Amateur Radio Club will be held **Monday, July 12, 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 July program will be Field Day Debrief.

## 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.

August 7  
October 2                      December 4

Walk in candidates are welcome. No preregistration required.

Exams will start at 10 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](http://www.TarRiverARC.org) or contact

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

Email: [N2BT@arrl.net](mailto: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

July. Wow, summer time. As I write this it's over 100 outside. Field Day is over. Aren't we glad we did class F. It will be interesting to read other reports. I made it in by mid-morning Sunday through take down. We did OK. Full details will be at the meeting.

Speaking of the meeting. It will be on the SECOND Monday, The first Monday is on the fourth of July holiday. Se we will meet on the twelfth, not the fifth. The agenda will be Field Day de-brief and ARES changes.

Speaking of ARES, WA4MOK has resigned, N4TAB named his replacement. Along with this, the drop dead date for ICS courses is looming. Since all ICS courses are online, Nash County EMS no longer wants to teach them. We had some discussion of this during Field Day. We came up with a plan that just might work. So..... We will discuss this at the meeting.

So if you can bear the heat, come to the Red Cross office, seven PM on the twelfth. See ya there.

## Upcoming Hamfests

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

July 1 - 5

Canada Day Contest  
NS Weekly Sprint – CW  
070 Club Firecracker PSK31 Sprint  
Venezuelan Independence Day Contest  
DL DX RTTY Contest  
DARC 10-Meter Digital Corona  
MI QRP July 4<sup>th</sup> Sprint

July 9 - 11

FISTS Summer Sprint – CW  
IARU HF World Championship  
World Radiosport Team Championship  
Feld-Hell Monthly Sprint  
Straight Key Weekend Sprint – CW  
QRP ARCI Summer Homebrew – CW

July 14 - 19

CWops Mini-CWT Test – CW  
DMC RTTY Contest  
NA RTTY QSO Party  
CQ WW VHF Contest  
CQC Great Colorado Gold Rush – CW  
Run for the Bacon - Monthly – CW

July 24 - 25

IOTA Contest  
Flight of the Bumblebees – CW

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## 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.

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## DX Info

{TNX to various ARRL email newsletters and ARNL}

ANNOBON ISLAND, 3C0. Elmo, EA5BYP and Javier, EA5KM will be QRV as 3C9B from Bioko Island, IOTA AF-010 and as 3C0C from Annobon Island, IOTA AF-039. Activity will be on 160 to 6 meters using CW, SSB and RTTY with two stations active. QSL via EA7FTR.

PAKISTAN, AP. Tariq, AP2TN is generally active daily on 20 meters after 0130z. QSL via DJ9ZB.

REPUBLIC OF KOREA, HL. Ken, KJ2U is QRV as HL5/KJ2U from Busan until June 2011. QSL via operator's instructions.

MONTSERRAT, VP2M. Graham, M0AEP will be QRV as VP2MDD from June 14 to July 12. Activity will be on 80 to 6 meters, including 60 meters. Much of the time he will be active on 6 meters. QSL to home call. In addition, John, KB4CRT is QRV as VP2MRT from

Gingerbread Hill until June 19. Activity is on 40 to 2 meters using CW, SSB and possibly PSK. This includes an entry in the ARRL VHF QSO Party. QSL direct to home call.

FALKLAND ISLANDS, VP8. Richard, GM0VMW is QRV as VP8DND/p while on work

assignment and is here for the next month. Activity is generally on 20 to 2 meters, depending on work schedule. QSL direct to home call.

MALTA, 9H. Markus, OH1MN will be QRV as 9H3MK from June 19 to July 3. Activity will be holiday style on 80 to 6 meters using SSB and digital modes. QSL to home call.

PHILIPPINES, DU. Gerard, F2JD is QRV as DU1/G0SHN for 6 months or more. Activity is on all bands and modes. He will also try to activate some of the IOTA islands while there. QSL via F6AJA.

DJIBOUTI, J2. Vincent, F5MJV is QRV as J28JV. His length of stay is unknown at this time. Activity is on all HF bands using mainly CW and digital modes with some SSB. He also plans to activate the IOTA Gulf of Tadjoura Group, IOTA AF-053. QSL via F5NQL.

MONGOLIA, JT. Sank, JT1AS is QRV as JT70AS until the end of 2010 in celebration of his 70th birthday. Activity is on all HF bands using RTTY and PSK. QSL direct to home call.

SUDAN, ST. Robert, ST2AR has been QRV on 17 meters around 1730z. QSL direct via S53R.

GREECE, SV. A group of operators will be QRV as J48S from Skopelos Island, IOTA EU-072, and the Guruni Lighthouse. Activity will be on 160 to 6 meters using CW, SSB, RTTY and PSK. QSL direct to SV2FPU.

PRINCE EDWARD AND MARION ISLAND, ZS8. Pierre, ZS1HF is QRV as ZS8M from Marion Island, IOTA AF 021. Activity has been on 40, 20 and 17 meters using SSB around 0630 to 1000z and 1230 to 1530z. QSL direct via ZS1X.

MONTENEGRO, 4O. Acim, YU1YV will be QRV from 4O3A for the month of July. Activity will be on 160 to 6 meters. QSL via operator's instructions.

ZAMBIA, 9J. Katsumi, JF1OKX will be QRV as 9J2KK from Lusaka beginning July 1. Activity is on 80 to 6 meters, and possibly 160 meters, using mostly digital modes, with WSJT and SSTV, with some CW and SSB as well. He will be active mainly on weekends and on national holidays. QSL via JK1NSR.

RWANDA, 9X. Fraser, MM0EFI is QRV as 9X0CX. His length of stay is unknown. He is active on HF using mainly PSK31 with some SSB. QSL via operator's instructions.

ST. LUCIA, J6. Howard, WB4WXE is QRV as J6/home call until July 6. Activity is mainly on 6 meters, with some activity on 40, 17 and 15 meters. QSL to home call.

NORWAY, LA. Wolf, DM2AUJ is QRV as LA/home call from Kabelvag on Austvagoya Island, IOTA EU-076, until July 8. Activity is holiday style on HF using CW with some SSB. QSL to home call.

MARKET REEF, OJ0. Seppo, OH1VR, and Markus, OH3RM will be QRV as OJ0VR and OJ0A, respectively, from June 30 to July 3. Activity will be on HF and 6 meters. QSL to home calls.

NETHERLANDS, PA. Special event station PD80TT is QRV from Assen until July 20 during the 80th Dutch TT Motor Grand Prix. QSL via PD7BZ.

BRAZIL, PY. Look for stations ZX8C and ZX8W to be QRV from the Cotijuba Lighthouse, ARLHS BRA-278, on Cotijuba Island, IOTA SA-060, from July 2 to 5. Activity will be on the HF bands using CW and SSB. QSL via operators' instructions.

CORSICA, TK. Ludwig, DH8SL is QRV as TK/home call until July 8. Activity is on 20 and 17 meters as well as some Satellites. QSL to home call.

ZL4DB is going to Macquarie Island on a 3 month job assignment. He hopes to operate portable VK0 on SSB only when time permits from late May until mid-August. He is not an experienced DXer and, according to his QSL manager, ham radio activity will be minimal. QSL via ZL4PW, direct or via the bureau.

W6ZL, arrived on Tonga last week. He reportedly skippered the "SV Summer Sky" from New Zealand and brought his K3 and a Buddipole antenna. He has also renewed his A35KL license. No QSN's have been reported yet.

Word that a W0SD, W0OE, N0QJM, W7XU will be operating portable C5 Gambia from June 25th to July 6th. Their main focus will be 6 meters will focus on 6 meters with plans to remain on 50.103 Mhz. They will have an amplifier coupled to a large yagi from a seaside location and will have a breakable beacon. QSL as directed on the air. QSL via W7XU.

N2NL, will be returning to Guam on June 17th, and will be there for three years. He will be active outside of contests as KH2 stroke N2NL and during contests as NH2T. QSL via Logbook of the World or via W2YC.

The long anticipated Spratley Island DXpedition slated for January of 2011. This according to VK3FY has just returned from The Philippines where he held high level discussions related to the upcoming DX0DX operation. The series of meetings included one with the current Municipal Mayor of Thitu Island where the DXpedition will be mounted. Another was held with the Mayor-Designate who will take office in September. Other discussions were held with military authorities plus officials of the Philippines Amateur

Radio Association which is strongly in support of the DXpedition. VK3FY says that those face-to-face discussions enabled the amateur radio and humanitarian aims of the DXpedition to be fully explained and agreed. It also clarified the requirements of both local and federal authorities. The operation will last three weeks and require upward of 30 operators. More on this operation is on-line at [www.dx0dx.net](http://www.dx0dx.net).

VE3ZIK will be active from Bilice on the Croatian coast between July 1st and September 27th as 9A stroke VE3ZIK. He will try to activate several I-O-T-A Islands in the EU-170 group as well as take part in the RSGB Islands on the Air or I-O-TA Contest. QSL via DO7ZZ.

VE3EY will be active as portable FJ from St. Barthelemy Island from November 22nd to the 30th. Operation will be on 160 through 10 meters using CW, SSB and RTTY. QSL via his home callsign.

**OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Mauritius Island, 3B8EME, 2010 operation; Burundi, 9U2T and 9UPVI/9U1P, 2010 operations; Rwanda, 9X0CW and 9X0LX, 2010 operations; and Iraq, YI9HOC, 2009 operation. If QSOs were rejected for these operations, send an email to [dxcc@arrl.org](mailto:dxcc@arrl.org) to be placed on the list to update DXCC records. Also, the following operations are approved for DXCC credit. Palestine, E4X, 2010 operation (If you worked this operation, the QSL route is via EA5RM.) and E4/7K1REG, 2000 operation.

## **NC Section News**

*(Ed. Note: This was published by the Section manager before Field Day.)*

**FIELD DAY** – It's T-minus a week before the start of Field Day! There are still plenty of resources available to make you or your club's Field Day a success. Check out what's available at [www.arrl.org/field-day](http://www.arrl.org/field-day), and be sure to list where your FD station(s) are located and how the public can find you or make contact with you by completing your Field Day information at ARRL's Field Day locator at <http://www.arrl.org/field-day-locator>. This handy tool graphically

display your location on a Google map and will help inactive Hams, new Hams, media, elected officials and the curious find you. Meanwhile, it's not too late to download promotional tools such as audio Public Service Announcements (PSAs) for local broadcast radio stations to air, or to get supplies for your Public Information table (100 points). Print out a copy of NC Governor Perdue's Proclamation honoring "Amateur

Radio Appreciation Week" from the section's website at [www.ncarrl.org](http://www.ncarrl.org). Just check out the Field Day webpage at [www.arrl.org/field-day](http://www.arrl.org/field-day) for all the goodies. To encourage young people to come out to Field Day, you can generate interest on social networks like Twitter at [http://twitter.com/ARRL\\_FD](http://twitter.com/ARRL_FD). I hope to visit around 12 locations in eastern NC, and Assistant Section Manager (ASM) Tim Slay, N4IB, will be going to several western NC Field Day locations. **REMEMBER:** Field Day is the greatest opportunity to showcase Amateur Radio to the public outside of a disaster. This is a chance for politicians and community leaders to see Amateur Radio in action and develop positive impressions about our hobby. Please make sure every location has a designated person to greet visitors and make them feel welcomed. Good luck and hope to work you on the air.

**ARES** – Our appreciation goes to Bernie Nobles, WA4MOK, for seven years of dedicated leadership as Section Emergency Coordinator (SEC) during a time of enormous change in Emergency Communications due to events like 9/11 and Hurricane Katrina. Bernie was instrumental in modernizing NC ARES and we deeply appreciate his many achievements. Succeeding Bernie is Tom Brown, N4TAB. Tom brings many years of experience as the former EC for Wake county and as Central Branch Assistant Section Emergency Coordinator (ASEC). Tom has spearheaded the implementation of new digital technologies like Winlink into ARES operations, and he has worked closely with North Carolina Emergency Management (NCEM) in ensuring our field ARES volunteers are professionally trained. We thank Bernie for his past service and welcome Tom.

As adopted at the state ARES meeting in April, all ARES field appointments at the level of county Emergency Coordinator (EC) and higher will need to complete the NIMS/ICS courses 100, 200, 700 and 800b by July 1st. This requirement not only brings NC ARES into compliance with North Carolina Emergency Management rules, but makes our ARES volunteers properly credentialed to be deployed to support government authorities in disasters. With an active hurricane season predicted ahead, having credentialed volunteers will ensure ARES has flexibility in responding effectively.

**ARES MEMBERS** – 1,798

**NTS** – Ironically there's been an increase in CW activity since the Morse code licensing requirement was dropped, and it's refreshing to hear more signals in the CW portion of the bands. With a resurgence in CW, why not try handling some traffic? Your CW skills will

improve dramatically. Download the famous "Pink Sheet" of traffic handling at <http://www.arrl.org/files/file/Public%2520Service/fsd218.pdf> to become familiar with those "Q" signals unique to CW traffic handling, then check into one of NC's three CW daily traffic nets: the Carolinas Slow Net (CSN) 8 PM 3571 KHz, Carolinas Net Early 7 PM 3573 KHz, and Carolinas Net Late 10 PM 3573 KHz. If they're going too fast for you, send "QRS" (slow down) and the net control operator will slow to your speed.

Our thanks to Mark Rappaport, W2EAG, for serving as Net Manager for the Carolinas Nets, and welcome returning Net Manager Will Harper, K4IWW.  
MAY TRAFFIC

QNI (Net station check-ins) - 2,799; Messages passed - 551

STATION ACTIVITY REPORTS (SARs)  
K4IWW 374, W2EAG 161, W4TTO 114, W4DNA 113, KI4YV 107, WK4P 82, W3HL 50, KE4AHC 49, W4FAL 47, W4EHF, 43, NC4VA 31, KC4PGN 28, K8SKX 22, WX4MMM 18, N3PYD 6

MAY PUBLIC SERVICE HONOR ROLL (PSHR) NC4VA 218, K4IWW 130, W4FAL 130, W4DNA 125, W2EAG 110, KI4YV 100, W4TTO 100

**HAPPY ANNIVERSARY** - June marks the 80th year of continual licensing for Weldon Fields, W4AJT, of Greensboro. 96 year old Weldon's booming voice and S+9 signal can still be heard often on many NC nets, and he even served as a net control station during the May ARES HurrEx drill. When Weldon was licensed in June, 1930, Herbert Hoover was president and the Federal Radio Commission regulated Amateur Radio since the FCC was still four years away from being created. Lest you think Weldon is an old geezer, Weldon and I have talked on Echolink. May we all be as vibrant and progressive when we get that age. Happy Anniversary, Weldon!

**SCHOLARSHIPS** - Congratulations to Josh Fisher, W4WJF, of Raleigh for being the recipient of an ARRL scholarship. He has an Extra Class license and attends NC State. He's even been on a DXpedition. Josh and I served together on the staff of K2BSA at the 2005 Boy Scout National Jamboree and he represents the best of the future of Amateur Radio. If you know a young Ham, encourage them to apply for an ARRL Foundation Scholarship.

#### **HAMFESTS** -

June 19 Downeast Hamfest, Lenoir Community College, intersection of US 70 & NC 58, Talk-In 146.685 PL 88.5;

July 10 Rowan Amateur Radio Society, Salisbury Civic Center, Talk-In 145.41 PL 136.5;

July 17 Mid-Summer Swapfest, Ritter Park, Cary, Talk-In 146.88

July 24 West Carolina Hamfest, Haywood Co. fairgrounds, Waynesville, Talk-In 147.39 PL 94.8

**FINAL WORD** - Field Day is my favorite Ham Radio day of the year. It's a day for fun, fellowship, and gathering resources to make simulated emergency conditions in the field work. ARES turns 75 years old this September, and ARRL will be launching a campaign which celebrates the three "R"s of ARES - "Ready, Resilient and Responsive". Many people under the age of 30 may have been raised without a landline and could be under the impression that all phone networks are infallible. We know better, and Field Day is the day each year we remind politicians, government officials, media and the public at large that "When All Else Fails" we're there. Have a fun Field Day!

73,

Bill Morine N2COP

ARRL North Carolina Section Manager

## **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](mailto: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](mailto:jimdugan@embarqmail.com), [W1JFD@arrl.net](mailto:W1JFD@arrl.net)

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**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 [learyl@gotricounty.com](mailto:learyl@gotricounty.com)

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**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.

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