



Forsyth Amateur Radio Club, Inc.

Newsletter



April, 2017

Founded December 30, 1930

EARLIER MEETING TIME!

Charlie Klutz, W4TMR, will be back with another great antenna program this month, this time about low-band Dxing. Because of the length of the program we will start at 6:59:59 PM this month (7-ish). That means that the FCC exam testing will also start earlier this month at 5:59:59 PM (6-ish). Don't be a second late!

Samuel F.B. Morse Exhibit and FARC Special Event

Last month we held the first of the Special Event Stations celebrating Samuel F.B. Morse's paintings coming to Winston-Salem. It was great fun and an opportunity to show the public that morse code is still in use.



FARC will be operating N4M again Saturday, April 29 at Reynolda Community Day: Americans in Paris. This time we will be operating from the Gazebo on the Front Lawn. The times are 11:00AM through 3:00 PM.

Join friends and neighbors for this free community festival evoking a spring afternoon in the parks of Paris. Visitors of all ages can see Samuel F.B. Morse's Gallery of the Louvre and the Art of Invention and express their own creativity through hands-on art activities, including a chance to "be the curator" of an ideal gallery or take home a Morse code souvenir. Among the groves and flowering gardens of Reynolda, visitors will find Parisian refreshments, dance performances, and artists working in the Museum and en plein air. Community Day is sponsored by Berkshire Hathaway HomeServices Carolinas Realty.

Admission is free for people and poodles of all ages. Register at the link (<http://reynoldahouse.org/calendar/event/community-day-americans-in-paris>) and be entered to win a custom Samuel F.B. Morse's Gallery of the Louvre and the Art of the Invention t-shirt as well as our hardcover catalog for the exhibiton! Winners notified May 5.

HELPFUL INFORMATION: Parking is free, and is available on-site and nearby. Come early to park closer to the event. Visitors are encouraged to bring blankets and lawn chairs. Well-behaved pets are permitted outdoors. Strollers are permitted outdoors only due to anticipated high number of visitors inside the Museum.

April, 2017

INTREPID YOUNG FARC DXer MAKES THE FRONT PAGE OF ARRL.ORG!!

[Teen Radio Amateur to Activate Iceland on his Inaugural DXpedition \(03/10/2017\)](#)



Teen Radio Amateur to Activate Iceland

Teen Radio Amateur to Activate Iceland on his Inaugural Dxpediton

03/10/2017 Fourteen-year-old Mason Matrazzo, KM4SII, of Clemmons, North Carolina, will be on the air from Iceland as TF/KM4SII, March 13-19. Activity will be on 40, 20, and 17 meters, SSB only. Mason, who will be operating with a portable setup, is calling it his "Buddistick™ DXpedition to Iceland."

He said on his TF/KM4SII page on QRZ.com page that most operation will be from the village of Vik, at the southernmost tip of Iceland, although he anticipates possible operation from Iceland's capital, Reykjavik, "if I am able to find a location to set up the vertical." If he attracts a pileup, he may operate split.

"Even if I am very weak on your end, please try and give me a call anyway," he said. "I will probably hear you better than you can hear me."

Mason will operate under Icelandic rules, with local N-class restrictions, which offer access to HF, VHF, and UHF, but limit him to 100 W.

He will accept QSL cards to his home address and hopes to upload logs to Logbook of The World (LoTW) and ClubLog, and "maybe QRZ." He expects to have Internet/e-mail access while in Iceland and will post any updates to his TF/KM4SII page on QRZ.com

Although plagued by high noise levels and antenna placement issues, and by such minor things as snow storms, Mason managed to get a number of QSOs. And apparently a good bit of sightseeing too. Check out his web page at <https://www.qrz.com/db/TF/KM4SII>



Forsyth Amateur Radio Club, Inc is a non-profit (IRS 501(c)3) North Carolina corporation for the promotion of Amateur Radio, and for the education and training of hams and the general public primarily in Forsyth County, North Carolina.

FARC was originally incorporated as the Winston-Salem Radio Club on December 31, 1930 and has been in operation ever since. We currently maintain a state-of-the-art ham station in the basement of the Red Cross, 690 Coliseum Dr., Winston-Salem, NC and also maintain two 2-meter repeaters, 146.64 (100 Hz tone) and 145.47 (100 Hz tone) and a 444.275 repeater (100 Hz tone).

FARC has a general membership meeting with a program on the 2nd Monday of every month at the Red Cross building, 690 Coliseum Drive in Winston-Salem. The club conducts its main business meeting (the Board Meeting) on the 3rd Monday generally at Ham's Restaurant, located in the Thruway Lower Mall on Knollwood Street. This is where most of the club's business is conducted and all attending members have a vote. All club members are strongly encouraged to attend the business meeting. For more information about FARC mail us at FARC, Inc., PO Box 11361, Winston-Salem, NC, 27116; call 336-245-5740; or visit our web site at www.w4nc.com

Club email is to [info <at> w4nc <dot> com *](mailto:info@w4nc.com)

Officers for 2017 are:

President: David Shoaf, KC4X
Vice-President: Geoff Rudy, KK4MOV
Secretary: Jim Register, KV4SJ
Treasurer: Kent Englebert, K4HKE
Newsletter Editor: Don Edwards, WS4NC
Tech Chairman: Dale Mierisch, WB9SZL
Hamfest Chairman: Open
Field Day Chairman: Daryl Knight, N5WK
House Chairman: Steve Patterson, WA3RTC

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We trade newsletters with other clubs, and many clubs are on our mailing list. If your club has a newsletter and would like to trade please send us a copy.

Submissions and inquiries please send to [ws4nc <at> dwepe <dot> com *](mailto:ws4nc@dwepe.com)

*The "funny" email addresses are to confuse the Spam bots. Spam shall be cause of the fall of Western Civilization. Either that or the spork.



FCC Exams Report and FARC Membership

by, Dale Mierisch, WB9SZL
VEC Session Manager

Allow me to offer all of you a hearty congratulations on your new Amateur Licenses/Upgrades. I look forward to chatting with you on the air.

WILLIAM AADAMSONS KN4BUG
STEPHEN THEOBALD KN4BUH
JOHN AKIEFFER KN4BUI
LYNN M FLYER KN4BUJ
PAUL B JAY KN4BUK
CARSON N MEDFORD KN4BUL
STEVE E HUTCHINS KN4BUM
JOSHUA S SWAIM KN4BUN
SCOTT AADAMSONS KN4BUO
LISA ABRUNTON KN4BUP
JEFF B STOCKTON KN4BUQ
RONALD K DUNN KN4BUR
DAVID W GROCHOWSKI KN4BUS
MARY K HUTCHINS KN4BUT

For new hams, please complete the information on received by email or the one as the last page of the Newsletter, if you have not already done so, for a free Membership to the Forsyth Amateur Radio Club (FARC). Mark the form "New Ham - 1/9/2017" Once the form is completed, bring to the next club meeting, or please scan and email to me.

Amateur Radio License Testing!

Amateur radio testing is available for new applicants as well as upgrades. Exams will be given the 2nd Monday of every month, except December, prior to the FARC regular meeting. ***THE MARCH SESSION HAS BEEN CANCELED DUE TO A DEATH IN THE FAMILY OF OUR VE MANAGER DALE, WB9SZL.*** The normal starting time is 6:20PM. The place is the Red Cross building on 690 Coliseum Drive in Winston-Salem. Pre-registration is required via e-mail, listing the elements you wish to test for, your phone number and email address. You may pre-register or get additional information via Email to testing@w4nc.com Attention Dale Mierisch WB9SZL

Please note that candidates wishing to upgrade their license MUST bring:

- Their original license for viewing
- Two copies of their license, one of which Must be attached to their FCC Form 605.
- The Original CSCE and One Copy of their CSCE if they have one.

For new hams, please complete the information on the FARC application (usually the last page of the Newsletter), if you have not already done so, for a free Membership to the Forsyth Amateur Radio Club (FARC). Mark the form "New Ham - Exam date". Once the form is completed, bring to the next club meeting, or please scan and email to me.

Exams are offered before the FARC meeting (2nd Monday at the Red Cross) and start at 6:30 PM in room 109 at the Red Cross building. You are Encouraged to arrive early at 6:20 PM Preregistration is strongly suggested at info <at> w4nc <dot> com. We try to accommodate walk-ins if we can.

Our biggest challenge continues to be encouraging upgrade candidates to bring a copy of their license to exam sessions. Effective July 1, 2016, upgrade candidates forgetting copies of their license, will be dismissed and invited to bring their license copy to next month's exam session. A copy of your license must accompany the application to the FCC. Any missing copies unfortunately delays the entire license process for all exam candidates. Bring your original license, if you have one, two forms of ID, \$12.00 and successful completion forms (CSCE's - if any).

Upcoming Programs

*Geoff, KK4MOV
FARC VP*

The main FARC meeting night is always the **Second Monday night** at the Red Cross Building on Coliseum Drive with the meeting starting at 7:30 PM (6:59:59 PM this month!). FCC testing is usually available, please preregister at info <at> w4nc <dot> com. Examinees should plan on arriving at 6:00 PM.

The FARC **Business** Meeting is on the Third Monday of the month at Ham's Restaurant (where else?) at Thruway Shopping Center at 7:30 pm. (We usually arrive a little earlier and order dinner.) All are welcome.

In March Jim Marler did a program on Electromagnetic Pulses. Thank you Jim, it was quite an ey-opener.

April, 2017 Early club meeting starting at 7pm, 10 April 2017 since Charlie T. Klutz, W4TMR, will be back with a full length and excellent program about low-band DX-ing



Amazon Smile Program

Do you buy stuff from Amazon? If you do there is a way for FARC to earn a little money here. Go to the Amazon Smile link below and register and select Forsyth Amateur Radio Club, Inc. Amazon will donate 0.5% of your purchases to FARC. It costs you nothing more, but it benefits the club. Anything you order has to be ordered from the Amazon Smile link – if, after you register, you forget to order through the smile program it will usually remind you. Again it costs you nothing more. Amazon is supporting legal 501c(3) organizations through this program. Thanks to Raja, KB6MTH for pointing this out. www.smile.amazon.com

New FARC web page

Terry, AK4D, has done a stupendous job redoing our web site. The picture below is just a teaser. Go check it out: www.w4nc.com

Forsyth County ARES

*by Harlan Cobert, W1HRC
Forsyth County EC*



It has been a while since members have been asked to update their contact information, equipment capabilities and training documents (if any).

Please complete the attached form (see next to last page) and return it either via email or in person at the Forsyth Amateur Radio Club meeting. Additionally if you have not previously submitted training documents for IS-100, IS-200, IS-700, IS-800 and SkyWarn please do so in your response.

NOTE: Only those personnel desiring to work in the EOC or Command Post communicator positions need to have the above listed training. You can still be a part of ARES response efforts in the field.



Samuel FB Morse Paintings are coming to Winston-Salem Reynolda House

Thanks to Ray Purdom for being FARC Liaison for this event. FARC is working with Reynolda House with some very special plans for this event. In support of this event FARC will be operating a Special Event Station N4M on February 16 and 17 from 1500 to 2000 UTC. Preferred frequencies are 7044, 10120, 14044
Continued on the next page



Sam. F. B. Morse.

SAMUEL F. B. MORSE'S

Gallery of the Louvre

AND THE ART OF INVENTION

Created when the artist was living and working in Paris, Samuel F.B. Morse's *Gallery of the Louvre* represents the famed Salon Carré in the Musée du Louvre. Morse spent months walking the halls of the museum, selecting old master paintings for his composition, then painstakingly copying the paintings and "installing" them in the virtual gallery. The resulting monumental canvas—six feet by nine feet—was both an example of Morse's erudition and skill and a tool of instruction for American viewers who did not have access to Renaissance and Baroque paintings.

Morse was as interested in science and literature as he was in art. While returning to the United States by ship in 1832, he conceived the idea for the machine that would become the telegraph, even sketching a crude prototype on board. From then on, technological inventions would occupy him more than art. Both the painting and the telegraph demonstrate Morse's interest in a single subject: the transmission of knowledge.

In Reynolda's installation, the painting will be joined by early telegraph machines from the Smithsonian's National Museum of American History, old master prints from Wake Forest University, and works from Reynolda House's nationally recognized collection of 19th-century paintings and prints. Together, these works of art and invention will address complex themes that occupied Morse and his America, including the relationship between art and religion, nationalism and culture, and technology and the transmission of information.

TERRA
FOUNDATION FOR AMERICAN ART

Samuel F.B. Morse's *Gallery of the Louvre and the Art of Invention* was organized by and with support from the Terra Foundation for American Art.

Wake Forest
Innovation
quarter

Reynolda House is grateful for the generous sponsorship of this exhibition from Major Sponsor Wake Forest Innovation Quarter, Contributing Sponsors the Terra Foundation for American Art and an anonymous donor, and Exhibition Partners Joia Johnson and Jeff and Sissy Whittington.

Sam. F. B. Morse.

SAMUEL F. B. MORSE'S

Gallery of the Louvre

AND THE ART OF INVENTION

February 17–June 4, 2017

REYNOLDA HOUSE
MUSEUM OF AMERICAN ART

#RHMorse

and 21044 depending upon band conditions. There is also a planned repeat of Jay Leno Tonight Show showdown between CW and texting. There will also be a repeat of the Special Event Station in April. There will be rare exhibits of Morse original instruments from the Smithsonian. The event runs from February 17 through June 4 2017 at the Reynolda House Museum of American Art.



EXHIBITION TICKET & CATALOG PACKAGES

Buy your exhibition ticket in advance and save on the catalog and gallery guide. Admission and catalog packages available online only, through February 28. Tickets at reynoldahouse.org/morse.

200-pg hardcover catalog + admission (\$15 savings) \$49

softcover gallery guide + admission (\$5 savings) \$24

(N.C. Sales Tax and ticketing fees will be applied to your purchase.)

EXHIBITION EVENTS

Lecture: "Americans in Paris: Foundations of America's Architectural Gilded Age" with author Margot Ellis

Thursday, March 2, 5:30 p.m.

Members/students \$10, non-members \$15

Purchase tickets at reynoldahouse.org/morse.

Historian Margot M. Ellis will present an illustrated overview of the work of American architects who studied at the École des Beaux-Arts in Paris before going on to design and build many of the nation's most important buildings and monuments. This event is co-sponsored by the Institute of Classical Architecture and Art, North Carolina Chapter.

Lecture: "The Early Modern Museum: An Empire of Things," The Biennial Clonts Lecture with Paula Findlen

Thursday, March 23, 5:30 p.m.

Admission is free; registration is requested at reynoldahouse.org/morse.

Dr. Findlen, chair of the department of history at Stanford University, traces the ambiguous development of public art collections, the ways they were subsequently consumed, and the power they exerted on the Western imagination, up to and including that of a young Calvinist by the name of Samuel F.B. Morse. The Clonts Lecture is offered every other year honoring Forrest W. Clonts, former Wake Forest University professor of history, and is sponsored by his family. This event is sponsored by the Department of History of Wake Forest University.

Symposium: Samuel F.B. Morse and the Transmission of Culture

Saturday, April 1, 1-4 p.m.

Members/students free, non-members \$15

Register at reynoldahouse.org/morse.

This symposium will explore the cultural and educational ambitions behind Samuel Morse's monumental gallery painting of the Musée du Louvre.

"The Dream of American Civilization" by Dr. Paul Staiti, Alumnae Foundation Professor of Fine Arts at Mount Holyoke College and author of the acclaimed biography *Samuel F.B. Morse*.

"The Forest of the Old Masters: The Chiaroscuro of American Places" by Dr. Alexander Nemerov, Carl and Marilyn Thoma Provostial Professor in the Arts and Humanities at Stanford University.

"Toward a Museum without Walls: Gallery of the Louvre and the Origins of Photography" by Dr. John J. Curley, associate professor of modern and contemporary art and Rubin Faculty Fellow at Wake Forest University.

Lecture: "James Fenimore Cooper at the Louvre: The American Writer and the Museum World"

Sunday, April 9, 3 p.m.

Free with Museum admission.

Dr. Barry Maine, professor of English at Wake Forest University, will explain Cooper's presence in *Gallery of the Louvre* and the "great deal of Paris" to be found in American literature of the period.

Community Day: Americans in Paris

Saturday, April 29, 11 a.m.-3 p.m.

Admission is free for people and poodles of all ages. Sponsored by Berkshire Hathaway HomeServices Carolinas Realty.

Reynolda Thursdays

Thursdays, March 16 and May 11

Extended hours until 8 p.m. Admission after 4:30 p.m. is \$5 (includes N.C. Sales Tax), free for Members and students.



Cover and Interior Images: Detail: Samuel F.B. Morse, *Gallery of the Louvre*, 1831-33, Oil on canvas, 73 1/2 x 108 in. Terra Foundation for American Art, Daniel I. Terra Collection, 1992.31.

REYNOLDA HOUSE
MUSEUM of AMERICAN ART

Reynolda House is supported by the Arts Council of Winston-Salem & Forsyth County and affiliated with Wake Forest University.

2250 Reynolda Road, Winston-Salem, NC 27106
336.758.5150 | reynoldahouse.org

Special Event Station N4M will be Operating Again on April 29th

In conjunction with the Reynolda House Museum of American Art Community Day: Americans in Paris, FARC will operate Special Event Station, N4M, both on CW and Phone. The station will be on-the-air on April 29th from 1400Z to 2000Z, on 7.044, 7.244, 14.044, and 14.244 MHZ.

This free community festival will evoke a spring afternoon in the parks of Paris. Visitors of all ages can see Samuel F.B. Morse's Gallery of the Louvre and the Art of Invention and express their own creativity through hands-on art activities, including a chance to "be the curator" of an ideal gallery or take home a Morse code souvenir. Among the groves and flowering gardens of Reynolda, visitors will find Parisian refreshments, dance performances, and artists working in the Museum and en plein air. Community Day is sponsored by Berkshire Hathaway HomeServices Carolinas Realty. Again, admission to the Samuel Morse Exhibition will be free!!

<http://www.reynoldahouse.org/calendar/event/community-day-americans-in-paris>



Forsyth Amateur Radio Club

Special Event Station – N4M

Samuel Morse Exhibition

Reynolda House Museum of American Art will welcome an American masterwork for this exhibition, Samuel F.B. Morse's Gallery of the Louvre (1831–33). Created when the artist was living and working in Paris, the painting represents the famed Salon Carré in the Musée du Louvre. For this exhibition, the painting will be joined by early telegraph machines from the Smithsonian's National Museum of American History, and other works from the Wake Forest University and Reynolda House collections.


The exhibition will run from Friday, February 17, 2017 - Sunday, June 4, 2017



In celebration of the opening of the
Reynolda House Museum of American Art's Exhibition
Samuel F.B. Morse's
"Gallery of the Louvre" and the Art of Invention

Special Event Station, N4M, will operate from
15:00 to 20:00 UTC **APRIL 29**

Frequencies: 7044, 10120, 14044 and 21044 kHz



Special QSL cards will be awarded to celebrate this event.

QSL to:
N4M, Forsyth Amateur Radio Club,
P.O. Box 11361 Winston-Salem, NC 27116-1361



by Don, WS4NC

Did you know NC has a first rate museum of radio equipment? I didn't. So far I've only made it to the web site but a visit will be in order this summer. The museum is in Asheville. The web address is <https://www.avradiomuseum.org/>



Opened to the public in 2001 by a small group of amateur radio operators, the museum has evolved from being a collection into a teaching museum, where people of all ages can learn about the history of radio technology and wonder at the equipment and how it evolved.

The museum's mission is: To foster an understanding of the technology and history of amateur and commercial radio development and an appreciation of the impact this has had.

By collecting and preserving radio equipment, advertising and other memorabilia, in an education-oriented museum, with hands-on displays and a working ham station. And, through outreach, offering education programs and tours for interested students. In doing so, stimulate student interest in science, technology and engineering (STEM).

The museum is in Asheville in Western North Carolina, easily accessed via I-26, I-40, and Highway 19-23. It is located in Room 315 of the Elm Building at A-B Technical Community College. Elm is handicap accessible and is located near the Smith-McDowell Museum (you can set your GPS to 283 Victoria Road).



They have an great section on Amateur Radio gear. See more than 50 transmitters and receivers, beginning with an early 1900 spark gap transmitter for Morse code.



There is a radio discovery and development section. Hear the exciting story of how invisible radio waves were first theorized, then proven in the lab, then used to contact ships at sea and even send messages across the ocean! Try your hand at Morse code (dots and dashes use to send messages). See a replica of the first radio wave detector and how it works.

And then try your hand at tuning a hundred year old "crystal" radio, or a 1920's farm radio (hint: it takes turning three separate tuning dials). Listen to famous old radio broadcasts such as the wreck of the Hindenberg blimp, President



Roosevelt declaring WW II, or funny old radio comedy shows. Learn about WWNC, the area's first radio station (still broadcasting today).

Continued on the next page . . .

Museum Address:

Asheville - Buncombe Tech Comm. College
315 Elm Building (near 283 Victoria Road)
Asheville, North Carolina 28801

Free parking in the multi-story garage behind the Elm Building (see map above).

Would you enjoy helping us maintain and restore the collection? Welcoming visitors? Educating STEM students? Contact them at <https://www.avradiomuseum.org/>

Open 1 PM to 3 PM on Fridays, March through November. If this does not fit your schedule, we will try to work out a special appointment (use the contact form below). Free admission to all.

Do you have something interesting to expand the collection? If we are able to accept your donation, you can claim it as a tax deduction.



Help! Early FARC Records

by Don, WS4NC

Just in case it isn't obvious I am trying to locate as much old history of FARC as I can find. The club was originally called the Winston-Salem Amateur Radio Club. Sadly most all of the early records were lost in a fire in the club shack around 1960. If you have any early records of FARC we would appreciate either the donation of those or at least the opportunity to copy them. Sadly the first thing a family throws out after a ham dies is the paper work - I've been told directly by one family that "that was just old ham radio papers and work papers - no one is interested in that trash." Well, I for one am very interested in that trash.



New Bands! FCC Issues Amateur Radio Service Rules for 630 Meters and 2,200 Meters

by ARRL

It's been a long time coming, but the Amateur Service will get two new bands in the near future. The FCC on March 28 adopted rules that will allow secondary Amateur Radio access to 472-479 kHz (630 meters) and to 135.7-137.8 kHz (2,200 meters), with minor conditions. The FCC Report and Order (R&O) spells out the details. It allocates 472-479 kHz to the Amateur Service on a secondary basis and amends Part 97 to provide for Amateur Service use of that band as well as of the previously allocated 135.7-137.8 kHz band. The R&O also amends Part 80 rules to authorize radio buoy operations in the 1900-2000 kHz band under a ship station license. Just when the new Part 97 rules will go into effect is difficult to determine just yet; more on that below.

Here are the highlights:

Amateurs operating on 472-479 kHz will be permitted a maximum equivalent isotropically radiated power (EIRP) of 5 W, except in parts of Alaska within 800 kilometers (approximately 496 miles) of Russia, where the maximum would be 1 W EIRP. [EIRP is the product of the power supplied to the antenna and the antenna gain in a given direction, relative to an isotropic antenna (absolute or isotropic gain). EIRP is equal to ERP multiplied by 1.64.]

Amateurs operating in the 135.7-137.8 kHz band will be permitted to run up to 1 W EIRP.

The FCC is requiring a 1-kilometer separation distance between radio amateurs using the two new bands and electric power transmission lines with PLC systems on those bands. Amateur Radio operators will have to notify the UTC of station location prior to commencing operations. The FCC Wireless Telecommunications Bureau will provide details on the notification process later, but ARRL is urging radio amateurs interested in operating on either band to register at the earliest opportunity, to avoid having to protect any "post-notification" PLCs.

The FCC placed a 60-meter (approximately 197 feet) above-ground-level (AGL) height limit on transmitting antennas used on 630 meters and 2,200 meters.

The bands would be available to General class and higher licensees, and permissible modes would include CW, RTTY, data, phone, and image. Automatically controlled stations would be permitted to operate in the bands.

Calendar of Upcoming Ham Events Hamfests, Special Events, Contests, Club meetings, etc.

By Don WS4NC

[Ed. Note: Newly updated. There really isn't one source to find this information and putting this together requires digging across various club Newsletters, NC ARRL Section newsletter (thanks Karl!), QST, CQ and other sources. If you know of a correction or something that should be here please send it to ws4nc <at> dwepe <dot> com. With your help I can make this a more useful list including events in NC, GA, VA, SC and TN.] *non FARC event - confirm with event sponsor.

TRIAD AREA EVENTS:

Apr 8 Greensboro VE Session (Hinshaw United Methodist Church, Greensboro)

April 10 Forsyth Amateur Radio Club General Meeting, 7PM, Red Cross Building, Coliseum Drive.

April 10 Winston-Salem VE Session (FCC Testing), 6:00 PM, Red Cross Building, Coliseum Drive

April 17 FARC Board Meeting, Ham's Restaurant, Thruway Lower Mall, Knollwood St.

April 15, 2017: 45th Annual RARSFest/ARRL Roanoke Division Convention, Raleigh Amateur Radio Society, Raleigh, NC, <http://www.rars.org/rarsfest/>

April 15, 2017: Catawba Valley Hamfest, McDowell Amateur Radio Association, Morganton, NC, <http://cvhamfest.com>

April 22: 27th Annual Down East Hamfest, Down East Hamfest Association Inc, Kinston, NC, contact Byron Highland, K4BMH by phone at (252) 347-1498 or by email at bhighland at nc dot rr dot com for further information.

April 22 International Marconi Day, <http://www.arrl.org/news/30th-international-marconi-day-event-set-for-april-22>

Apr 24 Greensboro Amateur Radio Association General Meeting (Cooper's Ale House in Salon "B", Greensboro)

April 28-29, 2017: 2017 SVHFS Conference, Southeastern VHF Society, Charlotte, NC, <http://svhfs.org>

Apr 29 High Point VE Session (Red Cross Building, High Point)

May 8 Forsyth Amateur Radio Club General Meeting, 7:30 PM, Red Cross Building, Coliseum Drive, FCC Testing at 6:20PM

May 8 Winston-Salem VE Session (FCC Testing), 6:20 PM, Red Cross Building, Coliseum Drive

May 15 FARC Board Meeting, Ham's Restaurant, Thruway Lower Mall, Knollwood St.

May 13: 13th Annual Rockingham County Swapfest, Rockingham County Amateur Radio Club, Reidsville, NC, <http://n4iv.org>

May 13 Greensboro VE Session (Hinshaw United Methodist Church, Greensboro)

May 22 Greensboro Amateur Radio Association General Meeting (Cooper's Ale House in Salon "B", Greensboro)

May 27: 43rd Annual DurHamFest, Durham FM Association, Durham, NC, http://dfma.org/index.php?option=com_content&view=article&id=402&Itemid=16

May 27 High Point VE Session (Red Cross Building, High Point)

Jun 3 Winston-Salem Classic Hamfest (Winston-Salem, NC <http://www.w4nc.com/events.htm>)

Jun 10 High Point VE Session (Hinshaw United Methodist Church, Greensboro)

Jun 12 Forsyth Amateur Radio Club General Meeting, 7:30 PM, Red Cross Building, Coliseum Drive, FCC Testing at 6:20PM

Jun 12 Winston-Salem VE Session (FCC Testing), 6:20 PM, Red Cross Building, Coliseum Drive

Jun 19 FARC Board Meeting, Ham's Restaurant, Thruway Lower Mall, Knollwood St.

Jun 24-25 Field Day, Hobby Park, Clemmonsville Road just off Stratford Road

Jun 24 High Point VE Session (Red Cross Building, High Point)

Jun 26 Greensboro Amateur Radio Association General Meeting (Cooper's Ale House in Salon "B", Greensboro)

Jul 8 High Point VE Session (Hinshaw United Methodist Church, Greensboro)

July 8: Firecracker Hamfest, Rowan Amateur Radio Society, Salisbury, NC, <http://www.rowanars.org/firecracker-hamfest/>

Jul 10 Forsyth Amateur Radio Club General Meeting, 7:30 PM, Red Cross Building, Coliseum Drive, FCC Testing at 6:20PM

Jul 10 Winston-Salem VE Session (FCC Testing), 6:20 PM, Red Cross Building, Coliseum Drive

Jul 17 FARC Board Meeting, Ham's Restaurant, Thruway Lower Mall, Knollwood St.

July 15: Mid-Summer SWAPFEST, Cary Amateur Radio Club, Cary, NC, <http://www.qsl.net/n4nc/>

July 29: WCARS Hamfest, Western Carolina Amateur Radio Society, Waynesville, NC, <http://wcars.org/>

Jul 29 High Point VE Session (Red Cross Building, High Point)

August 5: 20th Annual Catawba Valley Hamfest, McDowell Amateur Radio Association, Morganton, NC, <http://www.cvhamfest.com>

August 12: 19th Annual Cape Fear Amateur Radio Society Swapfest, Cape Fear Amateur Radio Society, Fayetteville, NC, <http://www.cfarsnc.org>

Aug 12 Greensboro VE Session (Hinshaw United Methodist Church, Greensboro)

Aug 14 Forsyth Amateur Radio Club General Meeting, 7:30 PM, Red Cross Building, Coliseum Drive, FCC Testing at 6:20PM

Aug 14 Winston-Salem VE Session (FCC Testing), 6:20 PM, Red Cross Building, Coliseum Drive

Aug 21 FARC Board Meeting, Ham's Restaurant, Thruway
Lower Mall, Knollwood St.

Aug 26 High Point VE Session (Red Cross Building, High Point)

Aug 28 Greensboro Amateur Radio Association General Meeting (Cooper's Ale House in Salon "B", Greensboro)

September 1-3, 2017: 61st Annual Shelby Hamfest/ARRL North Carolina State Convention, Shelby Amateur Radio Club, Shelby, NC, <http://www.shelbyhamfest.org>

Sep 9 High Point VE Session (Hinshaw United Methodist Church, Greensboro)

Sep 11 Forsyth Amateur Radio Club General Meeting, 7:30 PM, Red Cross Building, Coliseum Drive, FCC Testing at 6:20PM

Sep 11 Winston-Salem VE Session (FCC Testing), 6:20 PM, Red Cross Building, Coliseum Drive

Sep 18 FARC Board Meeting, Ham's Restaurant, Thruway Lower Mall, Knollwood St.

Sep 25 Greensboro Amateur Radio Association General Meeting (Cooper's Ale House in Salon "B", Greensboro)

Sep 30 High Point VE Session (Red Cross Building, High Point)

SPECIAL EVENTS

April 7-9: 70th Annual North Carolina Azalea Festival, 0001Z-2359Z, AC4RC, Wilmington, NC. Azalea Coast Amateur Radio Club. 14.225 7.175, 3.800; CW/Digital all bands. Certificate and QSL. Azalea Coast Amateur Radio Club, PO Box 4044, Wilmington, NC 28406. Confirmation of contact LoTW free; QSL card w/SASE; Certificate requires \$4 for postage and handling, QSL card may be included with certificate mailing if requested. <http://www.ac4rc.org/>

April 29: Samuel F. B. Morse Exhibition, 1400Z-2000Z, N4M, Winston-Salem, NC. Forsyth Amateur Radio Club. 7.044 7.244 14.044 14.244. QSL. Forsyth Amateur Radio Club, P.O. Box 11361, Winston Salem, NC 27116. The Forsyth Amateur Radio Club of Winston-Salem, NC, will sponsor Special Event Station, N4M, in celebration of the Reynolds House Museum of American Art's Exhibition – Samuel F.B. Morse's "Gallery of the Louvre" and the Art of Invention. www.reynoldahouse.org/exhibitions/detail/samuel-fb-morses-gallery-of-the-louvre-and-the-art-of-invention or www.w4nc.com

NEARBY HAM CLUBS AND MEETINGS:

****Quarterly QCWA Meeting** usually April, June, September and December. See the website for details. Locations varies. ALL members and guests are welcome! Wearing your Ham badge is encouraged. Always a good program. QCWA Chapter 126 Weekly Net: 3.826 MHz, 8:45AM each Saturday morning. The next Chapter 126 meeting will be held on Saturday, March 18, 2017 at McCall's BBQ & Seafood Restaurant in Clayton, NC, 10365 US 70 Hwy West, tel. 919.550.3877. All MEMBERS and GUESTS with their ham badges are welcome. This is our EASTERN MOST meeting location for the year so we hope many of you will join us. Directions: From the west on I-40 get off at Exit 306 and merge onto highway 70E and go about 7.3 miles east on 70. The restaurant is .1 miles past Advance Auto. Both are on the right side of the road. After the meeting, those going back West should exit through the restaurant rear parking lot to access a road that will put you at a traffic light at Hwy 70 to turn left and return west. When: Plan to arrive at 10:30AM to socialize, dinner at 11:00 AM then business and program at about 11:45 PM. Board members are requested to arrive at 10:00 AM. NOTE: this is One Hour earlier than usual due to scheduling the use of the restaurant. Program: The program will be a presentation by Tom Lewis, N4TL on his CW Trainer Construction Project and writing his award winning article for QST Magazine. Anniversary Certificates will also be presented.

1st Tuesdays Durham FM Association: Meets for Dinner (optional) at 6:00pm and the business meeting and program at 7:00pm. We are meeting at Bullock's BBQ, on 3330 Quebec Drive in Durham. For more info on each meeting, check <http://www.dfma.org/>

1st Tuesdays Davie County Amateur Radio Club: This may not be accurate. Last info I had was from Kris, KB4MB that "they are 'slightly' active, but basically there is a small group of 2m guys, and a few HF guys and that is it. Maybe 6-10 members at this point?" Doyle, KM4BGJ advises that "The last meeting was in August at the Harmon Masonic Lodge located at 3229 Ray T Moore Rd. Yadkinville, NC 27055 at 7:00 pm. We will be looking forward to this meeting. The club gained several new members on Field Day and also had a new Ham get their ticket on Field Days." Contact Doyle at doyle5362@at.yahoo.com

2nd Mondays: The Orange County Radio Amateurs meet at 1900 at the Orange Count EOC in Hillsborough.

2nd Tuesdays: Raleigh Amateur Radio Society General Meeting on second Tuesday of each month, Location: Ridge Road Baptist Church, 2011 Ridge Road, Raleigh, NC, 27607. Time: People begin arriving at 7 PM, The meeting officially begins at 7:30 PM. RARS also meets for a monthly dinner on the first Tuesday of each month for the RARS dinner. Dinner begins at 6:30 PM. Next Dinner at Golden Coral, 6129 Glenwood Avenue, Raleigh 27612.

2nd Mondays Forsyth Amateur Radio Club, Inc. at the Red Cross Building on Coliseum Drive. FCC Exams are offers starting at 6:20 PM (please preregister at info@w4nc.com.) Meetings start at 7:30 PM with a program on various ham related topics.

2nd Mondays Rowan Amateur Radio Society at the Rowan County Rescue Squad Building at 1140 Julian Road. Monthly meetings usually begin at 7:00 PM local time, except for the July and December meetings which are "dinner" meetings and thus start a little earlier, usually beginning about 6:00-6:30 PM. Programs may include equipment demonstrations, movies, guest speakers, or just open discussions on radio. We look forward to seeing you at the next meeting. <http://www.rowanars.org/>

3rd Mondays Forsyth Amateur Radio Club, Inc. Business Meeting. Open to all FARC members and interested visitors. We meet at Hams Restaurant (how appropriate!) located in Thruway Lower Mall starting at 7PM.

3rd Mondays(?): Guilford Amateur Society usually held at Tex & Shirley's Restaurant in the Friendly Shopping Center on Pembroke Rd. 6:00 PM to eat, 7:00 PM to meet. Verify the dates at <http://www.w4gg.org/>

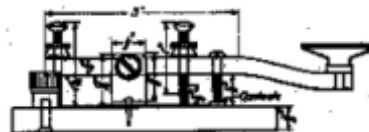
4th Mondays(?): Guilford Amateur Radio Association Eat at 6:30pm and the meeting is at 7:15pm. Captain Bill's Seafood & Steakhouse, 6108 West Market St., Greensboro, NC 27409. Verify the dates at <http://www.w4gso.org/>

1st Saturdays(?): Tri-County Amateur Radio Club, Thomasville: Breakfast at 8:30 am on the first Saturday of each month at the Denny's in Thomasville, 103 Sedgehill Drive (map it). For more details see: <http://nc4ar.org/us/page.php?2>

Last Mondays: Stokes County Amateur Radio Society SCARS <http://k4stk.com/index.html>

Knightlites QRP Club <http://www.knightlites.org/> Usually meets in Cary. **MARCH, 2017 The KnightLites March QRPig-Out will be held at the Golden Corral off Wendover Ave & I-40 (4404 Landview Dr.) on Thursday, March 17th ~6:30 PM. Spread the word. See website for details.**

Briarpatch Amateur Radio Club - Next club meeting in 2015 is ? ; the meeting will be held at TCRH. Meetings and FCC Test Sessions VA test sessions are held at the Twin County Regional Hospital in Galax, VA unless otherwise announced. <http://galaxbarc.tripod.com>





Corresponds to touch operation

Various items such as frequency setting, mode change, filter selection, etc. can be set speedily with touch operation. By operating in combination with the multi button on the side, you can select stress-less items.



HFオールバンド+50MHz
スマートトランシーバー
IC-795i

The Ultimate Handy HF Transceiver Appears!

The IC - 795i is an HF + 50 MHz transceiver developed based on the concept of 'ultimate compact size'. By aggregating all the information and operation system on the wristwatch type device, we realized not only the location of the rig, but also Ham's dream of not choosing the situations of operation.

Main features



Cableless connection with external antenna with proprietary radio technology

Connection with the external antenna was realized with cableless using proprietary wireless technology. By making it cableless, you can secure the high mobility required for outdoor operation and avoid troubles such as disconnection. In addition, the loop antenna AH - 1059 which feels completely omnipotic feeling is line up as an option as an option.

Display reception status with waterfall

Of course, it also has a waterfall function that can confirm the history of received signals in time series. We realize precise display even in small size. Moreover, by using the optional external monitor LD - 64 Mne, it can also correspond to enlarged display.



New Icom 795i

by Don, WS4NC

I thought FARC members might be interested in ICOM's new HF-6M Transceiver. It was announced April 1. The page was translated from Japanese. The original page is at <http://www.icom.co.jp/fb/170401/>

Minutes of the Forsyth Amateur Radio Club - 6 March 2017

by Jim Register, KV4SJ

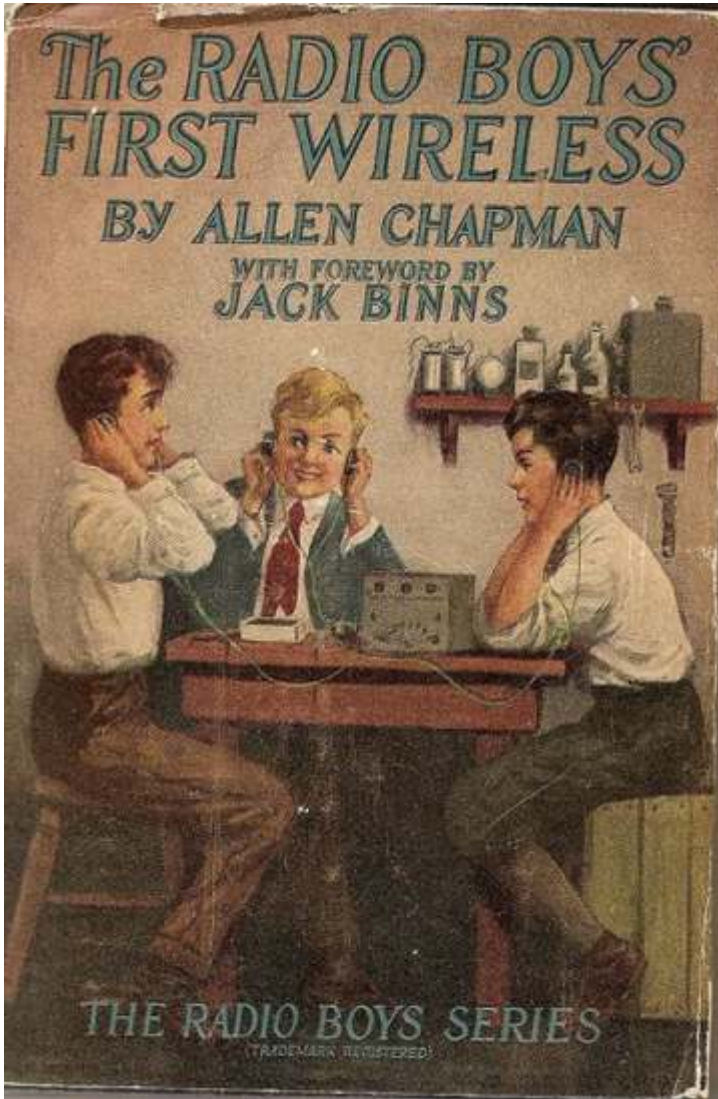
Secretary, Forsyth Amateur Radio Club

Minutes of the Board of Directors of the Forsyth Amateur Radio Club - 13 March 2017

by Jim Register, KV4SJ

Secretary, Forsyth Amateur Radio Club

The minutes will return in next month's Newsletter. How about a 1936 QSL card from Columbia instead this month?



KG4AC -Cuba!

Hello Raja. Last month at the FARC meeting we had a club member attend virtually from 1167 miles away. Raja, KB6MTH; aka Raja, KG4AC; aka Dr. Chatterjee; aka Cap'n Chatterjee is serving as Deputy Base Commander and as Medical Officer in Guantanamo, Cuba. He now has an older Kenwood transceiver there and a dipole and a vertical and is able to



get on the air. The vertical works best at this distance. Hopefully we'll get to chat some more on the air. Raja is due back toward the end of the year. Yes, we will have a party!

WINSTON-SALEM HAMFEST

ARRL SANCTIONED
FARC CLASSIC HAMFEST
SATURDAY, 3 JUNE
THE FIRST SATURDAY IN JUNE

LOCATION
SUMMIT SCHOOL
2100 REYNOLDA ROAD
WINSTON-SALEM, NC.

A MAP OF THE HAMFEST LOCATION IS AVAILABLE
AT WWW.W4NC.COM

SATURDAY, JUNE 3, 2017



GREEN MEANS GO!



by Don, WS4NC

Thanks to all who contributed to this month's Newsletter. I'm always looking for any old records that relate to FARC or hams who were in Forsyth and surrounding counties. I have some more stuff coming up in May and June Newsletters on past NC history.

Thanks all I had time for this month. See you at the FARC meeting.

Congrats to all our new hams - lots of new FCC exams being given. New hams and old - Please fill out the ARES form on the next page and get it back to Harlan, our new EC.



Amateur Radio Emergency Service®

ARES® Registration Form

Name:	
Call Sign:	
Mailing Address:	
City, State, ZIP code:	
e-mail address(es):	
Home phone number:	
Work phone number:	
Cell phone number:	
License Class:	

Check bands and modes that you can operate:

MODE	HF	6 meters	2 meters	222 MHz	440 MHz	Others	
SSB							
CW							
FM							
DATA							
PACKET							
Other modes (specify below)							
Mobile Operation							

Can your home station be operated without commercial power? Yes [] No []

Signature _____ Date _____

Contact ARES® and ARRL Section Leaders in your area: <http://www.arrl.org/sections/>.

Learn about ARRL-sponsored Amateur Radio Emergency Communications Courses:

<http://www.arrl.org/cce/>

FSD-98 (07/04)

Forsyth Amateur Radio Club Membership Form

Call Sign	Birthday (MM/DD/YYYY)	First Name	MI	Last Name	Suffix
Street or Mail Delivery Address			Email Address		
City	State	Zip	+4	(Yes) (No) ARRL Member	(Yes) (No) ARES Member
Home Phone	(Yes)(No) Publish?	Cell Phone	(Yes)(No) Publish?	Work Phone	(Yes)(No) Publish?
Emergency Contact Number(s)			Emergency Contact Name		
Name of Ham Family Member 1			Call Sign		
Name of Ham Family Member 2			Call Sign		

Note: Full Membership and family members must be licensed hams.

Please check in the box below any special interests and NIMS course accomplishments:

<input type="checkbox"/> CW <input type="checkbox"/> SSB <input type="checkbox"/> Digital <input type="checkbox"/> QRP <input type="checkbox"/> DX <input type="checkbox"/> HF Contests <input type="checkbox"/> VHF Contests <input type="checkbox"/> Science Disc. <input type="checkbox"/> Arduino <input type="checkbox"/> Raspberry Pi <input type="checkbox"/> Kit Building <input type="checkbox"/> Test Equipment	<input type="checkbox"/> ARES <input type="checkbox"/> Public Service <input type="checkbox"/> Emergency Comms <input type="checkbox"/> NIMS 100 <input type="checkbox"/> NIMS 200 <input type="checkbox"/> NIMS 700 <input type="checkbox"/> NIMS 800 <input type="checkbox"/> Nets <input type="checkbox"/> Antenna Building <input type="checkbox"/> Microwave Comms <input type="checkbox"/> Satellite Comms <input type="checkbox"/> Earth Moon Earth	<input type="checkbox"/> Fox Hunts <input type="checkbox"/> Shortwave Listening <input type="checkbox"/> Ham Astronomy <input type="checkbox"/> Vagabond Network <input type="checkbox"/> Yaesu System Fusion <input type="checkbox"/> Digital Mobile Radio <input type="checkbox"/> Icom D-Star <input type="checkbox"/> FARC Board/Business <input type="checkbox"/> FARC Committees <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<p style="text-align: center;">Dues Expire in December</p> <p>1. Regular Dues \$24. If over 65 or full time student, dues are \$12 _____</p> <p>2. Donations: (Appreciated!!) _____</p> <p>3. Total: _____</p>
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Please make sure your email address is correct. The FARC Newsletter is normally sent to email addresses only because of cost which is now about \$1.00 each if printed and mailed. Although almost everyone has an email address, we will still send some mailings upon special request for those without internet access.

Line three above is asking if you are an ARRL member (Y or N) or an ARES member (Y or N). We track ARRL membership because we are required to maintain a certain percentage to keep our ARRL certifications. ARES membership info is required so that the back of your membership card will show ARES for ARES identification. For ARES members, there is training that you should complete to participate with formal emergency organizations in big emergencies. The needed NIMS courses for participation with those formal emergency organizations are mentioned above in the special interest section. There is a ARES net on 145.47 on Thursday evenings at 2030 hours (open to all) and many fun ARES public service events during the year, often with FREE T-shirts for participants.

For the 6th and 7th lines above, if there is more one licensed ham in the family at the same address, all may be members for FREE after one paid membership.

Please complete the above and return this sheet along with your dues to address below or give to Henry, W2DZO at the next Club meeting. Even if your dues are paid please return this information sheet so club records and your emergency contact info can be kept up to date.

Forsyth Amateur Radio Club, Inc.
 PO Box 11361
 Winston-Salem, NC
 27116-1361
 Internet address: <http://www.w4nc.com>

Thank you and 73,
 Don, WS4NC, FARC Newsletter Editor and
 Jim, KV4SJ, FARC Secretary