



WCARS.org
February 2013

The Official Publication of
The Western Carolina Amateur Radio Society, Inc

BC-ARES

from Carl Smith, N4AA

Unfortunately my encounter with pneumonia at Christmas time has taken its toll and I am having a hard time getting over all of the symptoms.

I have been keeping in touch and am pleased to report that the Mission Winlink project is progressing in a very positive manner. I understand that the equipment has been ordered and may even be "on hand" by now. A few "kinks" still need to be ironed out, but it appears that the system should be ready for testing within the next 60 days or so. Once that is done we will have some training sessions so that those who wish to be involved can become familiar with the operating characteristics and proper protocol for using that system.

I have to thank Dwight Danner, W4DCD for filling in for me in meeting with the Mission hospital personnel, and keeping me informed on what's happening.

I hope to schedule a BCARES meeting for Thursday, February 28th and will inform everyone by email for sure where and when that meeting will be held.

Remember that we are operating PACKET in Buncombe County on 145.710 now.

I have a station on that frequency running 24/7 (N4AA). That station is configured as a basic packet station with a MAILBOX.

**Meeting for March is on the 7th
AB-Tech—Simpson Bldg
7:30 PM**

INCLEMENT WEATHER NOTE

**Club meetings are subject to the
following:**

**Should Buncombe County schools close
due to inclement weather our meeting will
be canceled.**

Meeting Minutes for February 7, 2013

The February 7, 2013 monthly meeting of the Western Carolina Amateur Radio Club was called to order at 1931 hours by Scott McCabe W4IYS, President.

Scott welcomed everyone and then invited all to join in reciting the Pledge of Allegiance to the Flag.

He then asked everyone to introduce themselves giving a name, call sign (if any), and QTH.

Norman Harrill N4NH introduced the program speaker: Ralph Roberts WA4NUO.

Ralph gave a "testimony" about the early electrification of the area and his early days of listening to a radio that he was able to repair which led to his career in electronics and amateur radio.

BC-ARES

I have another station running on 145.710 (N4AA-10) which is configured as an RMS Node.

It too is running 24/7.

I also have an HF station configured for WINMOR operation. It is not running 24/7 at this time. I expect to have it running 24/7 later this spring with a separate antenna capable of operation on multiple bands. I might add that a friend of mine in the Knoxville, TN area has become interested in the WINMOR system and has installed a station and we have tested it on the HF bands. It works very nicely for sending/receiving EMAIL by radio when a normal internet link is not available.

If anyone would like to see these stations in operation, feel free to call me and arrange to come by for a demonstration. I am usually available during the day at 683-0709.

BC-ARES Packet Stations

N4AA - Packet and CMS Node - 24 hrs
N4SET - Packet - 24 hrs
KK4BRD - Packet - 24 hrs
K8SKX - Packet - 24 hrs
W4ZQV - Packet - unknown
W4YIS - Packet - in progress

If you have a packet station and it is not listed contact Carl - N4AA or Paul - KK4BRD.

Meeting Minutes for February 7, 2013

He spoke of his early WCARS club membership, US Army service time, and professional electronics work. He included a description of his career involving electronics and radio experiences with NASA.

Ralph has written over 100 books--mostly on computers. A publishing company that he started has published over 1000 books. He attributed his life interests and professional success to his interest in amateur radio.

To contact Ralph: <ralph@aBOOKS.com>

business address: aBOOKS, 65 Macedonia Rd., Alexander, NC 28701

Norman announced that Duke W4DK will be the guest speaker for the next meeting and will speak regarding how to prepare for emergency operations.

Norman announced that he has received the OK to hold beginner ham classes at AB Tech. Watch for an announcement as to dates/times for these classes to begin.

With the NC QSO Party coming soon, Norman asked that anyone planning to participate in the QSO Party using the W4MOE callsign to call him and let him know. It is OK to use your own call in the QSO Party without notifying Norman.

Elwood Miles volunteered to take over "manager status" at the concession stand at the WCARS Hamfest later this year.

The Haywood County Ham Club asked if WCARS wanted to relinquish the concession stand operation to them or share operations.

Discussion followed as to whether the concession stand income was valuable to the WCARS club and it was determined that about 20% of the total hamfest income comes from the concessions.

Meeting Minutes for February 7, 2013

The group present voted NOT to share operation of the concession this year due to planning for the hamfest already progressed to the point that this question must be postponed.

The Treasurer's Report was given by Steve N4SET and accepted with thanks.

New classes are being planned so everyone is asked to watch for announcements and then pass on the information to any interested persons.

A drawing was made and prize awarded for the 50-50 prize tickets sold prior the meeting.

There being no further business for the group, the meeting was adjourned at 1857 hours with refreshments and fellowship following.

Submitted by Bob Dockery WD4CNZ, Secretary

Upcoming Events

Meals on Wheels

Field Day

Hot Doggett

Shut-in Ridge Race

License Classes 2013

License Classes for 2013 will be starting tentatively mid to late March - early April. This is great opportunity to introduce someone you know who is interested in Amateur Radio to the hobby and get their license.

The classes are open to all and are held free of charge just pay a small fee to take the exam.

Anyone wishing to upgrade their existing license are invited to attend the testing session, don't forget to bring your ID, your existing license and enough money to cover the exam cost.

If you are licensed operator and would like to help teach a module of the class or if you need more information please contact Norman - N4NH: N4NH@arrl.net or by phone: 828-253-1192

QSO Party Invite

Any one interested in participating in the NC QSO Party are invited to Randy - KI4VLW and Linda - KJ4CRL house on February 24th.

Randy asks anyone interested to contact him at ki4vlw@arrl.net or by phone at 298-6685.

Randy will be using the W4MOE call sign during the event and any help he can get is greatly appreciated and welcomed.



Field Day is quickly approaching time to start getting ready!

Silent Keys

N4JQS - Ron Moore

Ron's obituary can be seen at:

<http://www.legacy.com/obituaries/citizen-times/obituary.aspx?n=ronald-lee-moore&pid=162575866#fbLoggedOut>

KA4LEO - Paul (Wimpy) Harry Oxendine, Jr. became a silent key on January 19, 2013, was the original liaison between the FCC and the newest Hams wishing to get their call signs early.

Wimpy's obituary can be seen at:

<http://hosting-24616.tributes.com/show/Harry-Paul-Wimpy-Oxendine-95109337>

KG40PM - Marc Huennekens

On January 17, 2013, Marc passed away, although I did not know Marc well, I was surprised to hear of his passing. What many will likely remember about Marc is his love and enjoyment of Amateur Radio and the old tube technology.

On Field Day Marc would start working late in the night as the 80 meter band opened working throughout the early hours of the morning getting contacts on his old tube radio. His setup was unique with a tent in the back of his old truck and the antenna mounted over the truck and tent the setup embraced the spirit of Field Day.

During the 2012 Field Day I spent some time with Marc as he worked the radio outside, he had commented on how much traffic there was and how hard was to get into some of the other stations, but that did not deter him from trying.

Marc was one of the WCARS members featured in the Mountain Xpress's Amateur Radio coverage there is a photo taken during Field Day 2012 and a story on Marc, the article can be seen at: <http://www.mountainx.com/article/44754/Your-cellphone-cant-do-this-Ham-radio-in-the-digital-age>

Marc was a great a person and will be truly missed by those who knew him and by WCARS.

Marc's obituary can be seen at:

<http://www.ashevilleareaalternative.com/obits/obituary.php?id=251709>



Marc at Field Day 2008 - Photo by Steve N4SET

KG40PM - Marc Huennekens



Marc on the air, Field Day 2008 - Photo by Steve N4SET



Marc's setup, Field Day 2008 - Photo by Steve N4SET

NC QSO Party - February 24, 2013

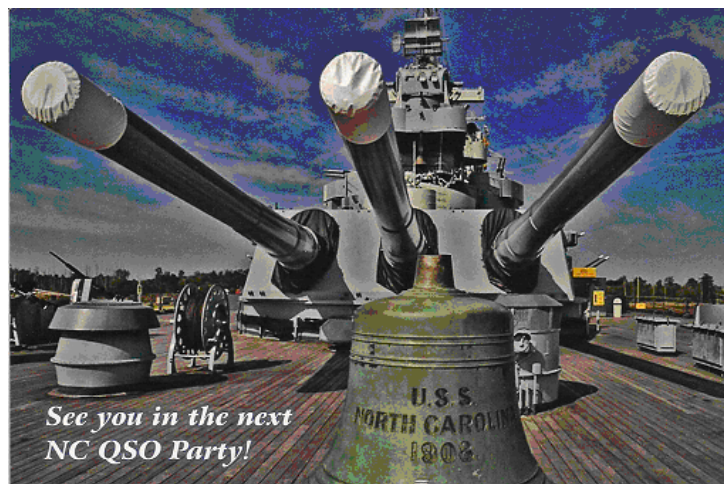
WCARS will be sponsoring one of the awards this year at the NC QSO Party, all members are encouraged to participate in the event if possible. Randy - KI4VLW will be operating from home this year using W4MOE.

Dean - K2JB will be operating mobile from Swain, Graham and Cherokee counties to provide contacts from "ham scarce" areas.

The Raleigh Amateur Radio Society has assumed responsibility this year taking over for the Forsyth County Club - W4NC. This year there is also the addition of 2 meter and 6 meter operating frequencies.

This is a one day contest to allow NC hams who are not acquainted with contesting to get into trying it out.

Information is available at <http://rars.org/ncqsoparty/>



See you in the next
NC QSO Party!

USS North Carolina (BB-55) museum battleship's 16" guns once capable of sending a lethal 2000 lb. projectile at a range of 20 miles. She now resides permanently moored on the Cape Fear river in Wilmington, NC. Her radio room, N148, was manned by members of the Azalea Coast Amateur Radio Club using the original WW2 equipment and long wire antenna during the North Carolina QSO Party.

The North Carolina QSO Party is sponsored by the Raleigh Amateur Radio Society
PO Box 17124, Raleigh, NC 27619-7124.
www.rars.org www.ncqsoparty.org



McGraw-Hill Custom QSL Cards www.kj1sg.com



PASS THE WORD!

FEB 24, 2013

10AM - 8PM

SEE YOU ON THE AIR!

73 MARTY WAMY

WESTERN CAROLINA ARS
P.O. Box 1488
ASHVILLE, NC 28802-1488



Don't miss this year's North Carolina QSO Party

Revised, more convenient operating time

14 newly designed First Place Plaques

VHF Added this year

Battleship North Carolina will be on the air - NI4BK

Many rare counties to be activated

New Expedition Class plus additional QRP awards

New, easy
log submission

73 es GL



visit
www.ncqsoparty.org
for
details

WCARS / VEC Exam Schedule

Asheville - AB-TECH, Rm 134, Elm Bldg

**9:00 AM on the THIRD SATURDAY of:
January, April, July and October**

VE Team Leader: Bob Helton - KS4FX
Phone: 828-684-0249

**2:00 PM on the THIRD SUNDAY of:
February, May, August and November**

VE Team Leader: Steve Lankford - AG4BY
Phone: 828-768-2141

Burnsville - Yancey County Library

Contact:

VE Team Leader: David McCarty - W4TDM
Phone: 828-657-1044

Marion

Contact:

VE Team Leader: Harriet Fullbright - K4ICU
Phone: 828-291-7521

Rutherfordton - Isothermal College

Contact:

VE Team Leader: Bruce Tessineer - AD4OJ
Phone: 828-657-5464

Waynesville

Contact:

VE Team Leader: Al Sanders - WD4A
Phone: 828-926-8244

Weaverville - Reems Creek FD

9:00 AM on the First Saturday of:
April, July, October and December

VE Team Leader: Harley Bullman - AJ4PI
Phone: 828-645-0889

**For other locations contact:
Norman Harrill
N4NH@arrl.net / 828-253-1192**

From the Editor

Marc's death came as a great surprise and I am glad to have had the opportunity to meet him.

Looking forward to the 2013 radio classes, I will be helping out Norman with a module this year like I did last year. I am also planning on upgrading to Extra this year too, so will be a busy spring for me.

Been working a little more on the radio box project, put in some method of controlling the cooling fan speed but I think there is still room for improvement on that.

I've gotten a cart that I've modified to hold radio related things to make it easier to load and unload for events and Field Day. I'll get some pictures for the March edition of Smoke test.

Reminder that the WCARS Information Net is Monday @ 9 PM, 146.910 (91.5 PL) all licensed operators are welcomed to join in.

BCARES Net is held every Wednesday @ 9 PM also on 146.910 (91.5 PL), you do not need to be a member of ARES to participate in the net.

BCARES also has a Packet node and digipeater that can be used by any licensed operator with a radio and TNC, the frequency is 146.710 no PL, there are several WCARS / BCARES members with packet. If you need help contact me.

If you have something you would like to send to Smoke test please send it to kk4brd@gmail.com.

Paul - KK4BRD

Regional Hamfests

Dalton Hamfest

When: February 23, 2013
Where: North Georgia fairgrounds
500 Legion Drive
Dalton, GA

Talk-in: 145.230 (PL 141.3)

2013 Charlotte Hamfest

When: March 8, 2013
Where: Cabarrus Arena & Event Center
4571 Hwy 49 North
Concord, NC

Talk-in: 146.655 (-), (no PL)
146.94 (-), (PL 118.8)

MTARS Hamfest

When: March 9, 2013
Where: First Methodist Church Center
208 West Lauderdale Street
Tullahoma, TN

Talk-in: 146.10 / 70 (PL 114.8)

Ellijay Tailgate Hamfest 2013

When: March 16, 2013
Where: Ellijay Lions Club
1729 South Main Street
Ellijay, GA

Talk-in: 145.170 –600 (PL 100)

NC State Convention (Raleigh Hamfest)

When: March 30, 2013
Where: NC State fairgrounds
1025 Blue Ridge Road
Raleigh, NC

Talk-in: 146.04 / 146.64 (no PL)

Catawba Valley Hamfest 2013

When: April 4, 2013
Where: Burke County fairgrounds
Bost Road
Morganton, NC

Talk-in: 147.150, (no PL)

Calhoun / Sugar Valley Hamfest

When: April 27, 2013
Where: Sugar Valley Community Center
3295 Sugar Valley Road NW
Sugar Valley, GA

Talk-in: 146.805+ (PL 100)
443.675+ (PL 100)

Upstate Hamfest 2013

When: May 4, 2013
Where: Piedmont Interstate fairgrounds
575 Fairgrounds Road
Spartanburg, SC

Talk-in: 146.610 (no PL) / 146.82

KG4HPT - Keith Adams Equipment Sale

Scott - W4IYS, received the following request from Roger Snyder:

My neighbor, Keith Adams (KG4HPT) died suddenly around Christmas and his out-of-town sister has ask that I inventory and try to sell his radios.

Most equipment has the manual with it. I'm not making anything, but trying to help out.

Contact: Roger Snyder - rsnyder@ioa.com

Astron RS50M 12V Power Supply	\$190.00
Audio Technical At 9400 Microphone - Low Impedance Unidirectional Stereo Condenser	\$50.00
Daiwa CN-620 SWR & Power Meter	\$75.00
Diamond X500HNA Antenna	\$100.00
Fox Hunt Attenuator	\$15.00
Heathkit SB 200 Linear Amplifier	\$325.00
Heathkit IM-4100 Frequency Counter	\$25.00
Icom IC-RIO HT Scanner	\$60.00
Kenwood TM V7 Transceiver - FM Dual Bander	200.00
Kenwood TM 3530A Transceiver - 220 MHz FM	\$150.00
Knight KG625 VTM Volt Meter	\$30.00
Knoss 9465 Headsets	\$50.00
L/C 11B Meter	\$25.00
MFJ 269 HF/VHF/UHF SWR Analyzer	\$200.00
MFJ 802B Field Strength Meter	\$15.00
MFJ 969 Deluxe Versa Tuner II	\$145.00
MFJ 986 Differential - T Tuner	\$300.00
MFJ 1704 Coaxial Switch 4 Position Freq 0-500 w/Lighting Surge Protection	\$75.00
MFJ 1112 Multiple (6) DC Power Outlets	\$40.00
MFJ 5004 Professional Function Generator	\$75.00
Micronta 22-204A Ranger Doubler	\$25.00
Micronta DC Power Supply - Variable	\$40.00
Micronta DC Power Supply - Regulated (12 volt)	\$15.00
Micronta DC Power Supply - Regulated (12 volt)	\$15.00

KG4HPT - Keith Adams Equipment Sale

Plantronics Headset	\$75.00
Radio Shack 33-3019 Uni-Directional Dynamic Microphone	\$30.00
Radio Shack Power Supply 20A 12V	\$50.00
Radio Shack Frequency Counter	\$20.00
Rigblaster Plus	\$80.00
Rohn 25-Trisangle 4 Sections (10 ft each) Base Plate and Nose Cone	\$500.00
Tripplite PR-76	\$10.00
Versaload MFJ-250 Dummy Load Gallon Can	\$25.00
Yaesu FT-90R Transceiver - Mobile VHF/UHF Dual Bank FM	\$200.00
Yaesu FT-920 Package HF Transceiver with Yaesu SP-8 Speaker and Yaesu MD-100 Dynamic Microphone	\$950.00
Yaesu FRB-757 Relay Box	\$25.00
Bencher Keyer	\$60.00
Homemade AC Power Supply	\$10.00
AC Outlet Strip (8)	\$25.00
465-Oscilloscope	\$50.00
Antenna - VHF/UHF Commercial Vertical	\$100.00
Antenna - HF All Band Vertical	\$150.00
Antenna - Hand Held	\$25.00



The ARRL Letter

Materials in the ARRL Letter are taken from The ARRL Letter online, full credit is given to The ARRL Letter and the American Radio Relay League, as per republication guidelines require.

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

BSA to Offer Amateur Radio Operator Strip

01/18/2013

The Boy Scouts of America (BSA) has approved an Amateur Radio Operator rating strip for Scouts and Scouters to wear on their uniforms. According to BSA Communication Services Director Jim Wilson, K5ND, the strip recognizes the Scout or Scouter's availability as an Amateur Radio operator for communication services for events and activities, as well as emergencies. All registered youth members and adult leaders who also hold a valid FCC-issued Amateur Radio license of any class are eligible to wear the rating strip.

"Last year, the BSA Awards and Insignia Committee introduced the Morse Code Interpreter Strip upon the recommendation of the BSA's National Radio Scouting Committee," Wilson told the ARRL. "We are always looking for ways to promote Amateur Radio, both within Scouting and to the world. The National Radio Scouting Committee thought this new Amateur Radio rating strip was a wonderful way to do exactly that, as it readily identifies to everyone that the wearer is a licensed radio amateur, prepared to be useful and to help others."

Wilson, who heads up the National Radio Scouting Committee, said that the Amateur Radio Operator rating strip is similar to the Amateur Radio Operator badge offered as a proficiency badge by Scouts Australia, as well as the badge recently introduced by Scouting Netherlands. It follows in the footsteps of the Scout Radioman personal interest badge for Senior Scouts and Explorer Scouts that was offered by the Boy Scouts of America in the 1940s. The strip is worn on the right sleeve (see illustration below).



Any Scout or Scouter who holds a current Amateur Radio license issued by the FCC is eligible to wear the Amateur Radio rating strip on the right sleeve of their uniform. The strip signifies to Scouts and the public that the wearer is a radio amateur who is capable and prepared to assist in providing communication services for events and activities, as well as emergencies.



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Icelandic Amateurs Get MF Privileges

01/21/2013

According to the Íslenskir Radióamatörar (ÍRA) -- Iceland's IARU Member Society -- radio amateurs in Iceland now have operating privileges on 472-479 kHz (630 meters) as of January 16. Amateurs in Germany, Sweden, the Netherlands, New Zealand and Monaco already have operating privileges in this portion of the MF spectrum.

Delegates at the 2012 World Radiocommunication Conference (WRC-12) approved this method of addressing of Agenda Item 1.23, which proposed the allocation of approximately 15 kilohertz between 415 and 526.5 kHz. After discussions and taking into account spectrum conflicts with the Maritime Mobile Service, delegates ultimately decided to allocate 472-479 kHz to the Amateur Radio Service on a secondary basis.

160, 60 and 4 Meters

Iceland's Post and Telecom Administration (PTA) -- the Icelandic equivalent to the FCC -- extended temporary permits on 160 meters (1850-1900 kHz), 60 meters (5.260-5.410 MHz) and 4 meters (70.000-70.200 MHz), effective January 1.

160 Meters: The temporary allocation on 1850-1900 kHz has been renewed for 2013 on a secondary basis. This allocation may only be used during the duration of 10 designated international Amateur Radio contests and is in addition to the international Region 1 allocation of 1810-1850 kHz.

60 Meters: The temporary allocation on 5.260-5.410 MHz has been renewed for 2013 and 2014 on a secondary basis. Permissible modes are USB, CW and PSK-3 with a maximum bandwidth of 3 kHz and a power limit of 100 W.

4 Meters: The temporary allocation on 70.000-70.200 MHz has been renewed for the calendar years 2013 and 2014 on a secondary basis with a maximum bandwidth of 16 kHz and a power limit of 100 W.



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New International Reply Coupon Introduced

02/06/2013

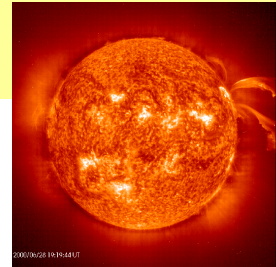
The Universal Postal Union (UPU) has introduced the newest model of the International Reply Coupon (IRC): The Doha model -- so named for the 25th Universal Postal Congress that took place in Doha, Qatar in October 2012 -- will replace the current model, known as the Nairobi model. **Although the US Postal Service (USPS) no longer sells IRCs, they are still available in other countries and post offices in the US are mandated to redeem them.**

The Doha model IRC will go on sale on July 1, 2013. It is valid for exchange it until the end of 2017. The Nairobi model -- first issued on July 1, 2009 -- remains valid until December 31, 2013. IRCs are exchangeable in every UPU member country for stamps representing the minimum postage for an ordinary priority letter-post item or airmail letter sent abroad for a reply. According to the UPU, 120 postal systems around the world worldwide had issued more than four million Nairobi IRCs with a total value of approximately \$5 million as of October 31, 2012.

Although postal systems are not obliged to sell IRCs, it is mandatory for them to exchange the coupons. **According to the UPU, if a postal system -- such as the USPS -- does not sell IRCs, it is possible to purchase them in a post office located in another country.**

The Czech Republic won the UPU's contest to design the new IRC, beating out 13 other countries. Czech artist and graphic designer Michal Sindelar designed the new IRC, whose design illustrates the theme "Water for Life." This theme reflects the United Nations International Year of Water Cooperation in 2013. -- Thanks to The Daily DX for some information

Solar Weather



NOAA Solar Forecasts

Updated at: 2013 Feb 14

Sunspot Number: 26

Spotless Days

Flare	0-24 hr	24-48 hr
Class M	05%	05%
Class X	01%	01%

Current Stretch: 0 days
 2013 total: 0 days (0%)
 2012 total: 0 days (0%)
 2011 total: 2 days (<1%)
 2010 total: 51 days (14%)
 2009 total: 260 days (71%)
 Since 2004: 821 days
 Typical Solar Min: 486 days
 Updated 14 Jan 2013

Geomagnetic Storms

Mid-latitudes	0-24 hr	24-48 hr
Active	05%	05%
Minor	01%	01%
Severe	01%	01%

Interplanetary Magnetic Field

B_{total} : 3.5 nT B_z : 1.5 nT north

High-latitudes	0-24 hr	24-48 hr
Active	15%	15%
Minor	15%	15%
Severe	10%	05%

The Radio Sun

10.7 cm flux: 102 sfu

HF Conditions	Day	Night
80 m - 40 m	Fair	Good
30 m - 20 m	Good	Good
17 m - 15 m	Fair	Fair
12 m - 10 m	Poor	Poor
VHF Conditions	Day	Night
Aurora	Band Closed	
6 m EsEU	Band Closed	
4 m EsEU	Band Closed	
2 m EsEU	Band Closed	
2 m EsNA	Band Closed	
EME Deg	Fair	

SMOKETEST

Official publication of the

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PO Box 1488, Asheville, NC 28802

www.wcars.org

W 4 M O E

Repeater: 146.91 (PL-91.5)

Spivey Mountain, Asheville, NC

2013 OFFICERS

President	Scott McCabe	W4IYS	252-0583	esmccabe@charter.net
Vice President	Norman Harrill	N4NH	253-1192	nharrill@bellsouth.net
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Executive Committee	Dean Blair	K2JB	423-3082	k2jb@bellsouth.net
Executive Committee	Linda Harris	KJ4CRL	298-6685	rtsp71@aol.com
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Quartermaster & Webmaster	Lee Johnson	KB4QDQ	242-1630	leejohnsonster@gmail.com
Hamfest Chairman - 2013	Jeff Weller	KJ4TEI	683-5271	weller_j@bellsouth.net
Smoke Test Editor	Paul Tilley	KK4BRD	712-0477	kk4brd@gmail.com

HF/VHF/UHF Net Information				
<u>NET NAME</u>	Freq offset / PL	Day	Local time	Notes
6600	145.190 -	Saturday	9-PM	Many check-ins-Wide area coverage
Blue Ridge Traffic	146.610 -	Nightly	9-PM	ARES/Skywarn in bad weather
BRARC	146.640 - 91.5	Sunday	9-PM	
Buncombe Cty Emerg. Mgt.	146.910 - 91.5	Wednesday	9-PM	Directed net, ARES/RACES
Carolinas Net - Early	3.573	Daily	7-PM	CW Traffic
Carolinas Net - Late	3.573	Daily	10-PM	CW - 15-18 WPM Traffic
Carolinas Net - Slow	3.571	Daily	8-PM	Slow CW - 8 to 10 WPM Traffic
Franklin, NC - Winesprings Bald	147.240 + / 151.4	Daily	9-PM	
Good Morning	146.760 -	M-W-F	9-AM	Informal, Everyone welcome
Haywood County Roundtable	147.390 + 94.8	Monday	8-PM	Informal, Everyone welcome
K4UUQ Morning	7.228	Daily	7-AM	Ragchew
Madison Cty-AmRadComTeam	224.660 100	Tuesday	9-PM	Madison County Emergency Comm
Mount Mitchell 220	224.540	Monday	8-PM	Informal, Everyone welcome
Mount Mitchell Ragchew	442.225 + 107.2	Monday	9-PM	Directed, Everyone welcome
Mount Mitchell Sunrise Net	442.225 + 107.2	Thursday	9-AM	Informal - Everyone welcome
Mount Pisgah 220	224.260	Sunday	9-PM	Informal, Everyone welcome
NC Evening Traffic	3.923	Daily	6:30-PM	SSB
NC Morning Traffic	3.927	Daily	7:45-AM	SSB
Oasis Shrine Radio Corp.	145.190 +	Sunday	9-PM	
SATERN	14.265	Daily	3-PM	Salvation Army Team-Emergency
Tarheel Emergency Net	3.923	Daily	7:30-PM	Directed, NC Emerg. Mgt - Traffic
Volunteer	147.180 + 136.5	Friday	9-PM	Info, News and Swap
WCARS Information	146.910 - 91.5	Monday	9-PM	Informal, Everyone welcome
???	224.600			WB4PLA on Spivey Mtn. ???
W4YK	53.630 - 100	Friday	9-PM	???
Traders Net	147.05 - 91.5	Tuesday	9-PM	
Skywarn	145.27 - 91.5	As Needed		
SC Hearts / NC Hears / SW VA Net	444.250 - 91.5	Daily	8-PM	
NC Hears	444.250 - 91.5	Daily	9:30 PM	
K4MFD Greenville - 440	444.200 + 173.8			Located on Bald Mtn. N. of Asheville
K4MFD Greenville - 6 Meter	53.400			Located on Bald Mtn. N. of Asheville Linked to N2GE 224.660 & KI4DNY 224.600 fulltime
Blue Ridge Weather Watch	145.190 -	T-T	9-PM	Directed net, Skywarn, everyone welcomed

Regional Repeater List		
Frequency / offset / PL	Location	Notes
145.190 -	Mt. Mitchell	
146.520 Simplex	National Calling Frequency	
146.910 - 91.5	WCARS	
146.640 - 91.5	Hendersonville	IRLP
146.610 -	Greenville, SC	
147.105 + 91.5	Hendersonville	
145.270 - 91.5	Hendersonville	
145.370 - 91.5	Greenville, SC	
147.390 + 94.8	Waynesville	
147.315 + 123	Spartanburg	
147.060 + 123	Greenville, TN	
145.410 - 127.3	Greenville, TN	
145.390 - 186.2	Greenville, TN	
146.760 -	Mt. Pisgah	
146.880 -	Shelby	
147.135 +	Brevard	
147.285 +	Tryon	
145.330 -	Tryon	
146.790 -	Anderson, SC	
146.240 +	Franklin	Connected to 151.4 Pickens, SC
442.225 + 107.2	Mt. Mitchell	
442.450 +	Hendersonville	
442.850 +	Brevard	
444.875 + 131.8	Waynesville	IRLP
224.520 - 91.5	Mt. Spivey	
224.600 - 94.8	Asheville	
224.240 -	Hendersonville	
224.960 -	Hendersonville	
224.540 -	Mt. Mitchell	
224.260 -	Mt. Pisgah	
224.200 -	Shelby	
224.460 -	Shelby	
224.360 -	Marshall	
224.660 - 100	Madison County	
53.630 - 100	Mt. Mitchell	
53.130 - 100	Hendersonville	
53.410 - 131.8	Greenville, SC	