



L A R C



Volume 42, Number 8

August 2003

DATES TO REMEMBER

REGULAR MEETING
August 7, 2003 - 7 p.m.

HAMFEST SCHEDULE

Lake Charles - September 6th
Baker - November 7th - 8th
Monroe - November 14th - 15th
Minden - December 6th
Rayne - March 12-14, 2004

Each Wednesday

Lunch Bunch

BJ's Pizza & Deli - Congress Street
Check 146.820 - repeater for info

Each Monday, 7:00 p.m.

AARA 2 meter net 146.820 - 600

PRESIDENT'S MESSAGE

Hello everyone. First I would like to thank all the guys that helped take down the tower at Greg Moreauxs. Thanks to Charlie KI5XP, Danny KD5JSM, Captain John KD5WYX, Ralph WB5GAF, Laurent KD5TGY and special thanks to Greg K5LFT for the pictures. We will discuss what to do with the tower at the meeting. We will also need to discuss the TenTec radio in Amos. The repair cost was \$147.00. There are many bells and whistles on this radio and very easy to hit the wrong button and transmit on the wrong frequency or band. I think we will need to train several operators or sell and get something a little more user friendly. Lots of thing to go over so please try to attend.

73's and see you at the meeting.

John—KA5BSE
President AARA
ka5bse@w5ddl.org

AARA RADIO ACTIVE

by Herman Campbell KN5GRK

June and July of 2003 were busy months for the AARA, two Cub Scout events, Field Day, and the 50-Year Special Event Station kept us very busy. I managed to get some nice certificates to all the businesses that helped with refreshments during Field Day, one to the Mayor of Rayne, and one to the Sheriff of Acadia Parish for their participation in helping out. From what I gather, these participants were very pleased and are willing to help out next year.

Due to Field Day and the Special Station, our July meeting was canceled. I have a list of all the members that showed up for Field Day; those persons will have their names dropped into the canister for the drawing of the Icom HT next year. I also have a "T-shirt" from the Cub Scout event at the Optimist Club Camp to be given away in a drawing at the August meeting, only those that participated in this event are edible.

It was mentioned to me that our "AARA Monday Night Net" format should be changed to taking check-ins from AARA members first, then taking non-members afterwards. This is an incentive to increase our membership. Hope to see you at the August meeting.

DOOR PRIZES - DOOR PRIZES - DOOR PRIZES

AARA OFFICERS 2003-2004

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ka5bse@w5ddl.org

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Regular meetings 1st Thursday of
each month at 7:00 p.m. at the

American Red Cross Building

101 North Pat Street Scott, LA

E-Mail Tips

By Herman Campbell KN5GRK

I receive quite a few e-mails from our members and others. I would like to share a few things that you might not know about on this subject. There are two points that I would like to mention.

When you forward a message from someone else, do you realize that unless you do a little editing, the receiver of your forwarded message knows the e-mail address of all the previous persons? This is how some of the "spam messages" originate, especially on chain letters. Also, when you download a message, or forward a message, part of the time it takes to do this is lost in the forwarded headers. If the received e-mail with the long unedited headers are saved or deleted to the trash, part of your hard drive space is used to store these useless headers. By editing these headers out of your e-mail, you can save time uploading messages and also save on hard drive space. I also receive some large graphic and multimedia attachments that I sometimes do not have the application that allows me to view these files and I am sure there are some of you out there that have the same problem. I would like to know in advance if a large file (1 megabyte or more) is going to be sent, the content and what the file extension is going to be. It may be something of no interest to me.

August Birthdays

0801	NEIL	KC5BLQ
0802	ROBERT	N5OA
0803	CHARLIE	KC5LTL
0806	ALTON	KB5RKP
0806	BILL	KC5GUR
0810	JAMES	N5KNX
0811	PHIL	WA5GRM
0811	BILL	KC5KDU
0814	RONALD	KC5AOV
0815	JOE	KA5RML
0817	BARBARA	KA5IMA
0819	CHARLES	KC5IHQ
0819	SCOTT	N5MEG
0820	YVONNE	KC5QDN
0824	ESTHER	N5YOP
0827	PHOEBE	KC5VRN
0830	REID	WA5UBG
0831	JOHN	KD5WYX

UPGRADE - Join in on the Fun!

Now is the time to getting in on the fun! Upgrade.... it is now easier being the code is now 5 wpm. You will find that the world is getting smaller through amateur radio. I recently moved into the digital mode of PSK31. After a few days of PSK31 experience, I was on 20 meters in a QSO from a "Mike" in South Dakota, when he found out that I lived in Lafayette, Louisiana, he mentioned that he used to work at KLFY-TV and left in 1962. I asked what his last name was, he replied; and come to find out "we worked together for about two years". A nice long QSO followed; he is now on our club e-mail list.

Herman KN5GRK

NO VE TESTING AT THE AUGUST MEETING



JOIN THE ARRL. Membership is the best bargain in amateur radio. To sign up go to the ARRL Web site and sign up online. If you do not have access to the internet, send your name, call, full address, and dues for 1 Year \$39, 2 Years \$74, and 3 Years \$105 to:

AMERICAN RADIO RELAY LEAGUE
225 MAIN STREET
NEWINGTON CT 06111
WEB SITE: <http://www.arrl.org/join.html>

TID BYTES

At the VE testing session on July 25th, Jim Butler passed his Tech exam and he received the call KD5YTS.

We will be conducting an ARRL VE testing sessions the September meeting. If you need to test at another time, let us know. We can schedule a session to accommodate everyone.

73
Al K5DPG
k5dpg@w5ddl.org

AUGUST MEETING

**Thursday,
August 7th - 7 p.m.**

G5RV for 6 Meters and Other Bands:

Matthew C. Pentila N1RWC

I was looking for a wire antenna to put up for 6 Meters one evening. As the hours of reading *QST*, *CQ*, *73*, and other publications passed, (and it was 3AM) I found my epiphany. I read several articles for the G5RV in these publications and also how several fellows designed an antenna for one band and did the math to make one similar for different bands.

The next day (I think it was the next day) I looked at the basics of the G5RV. The G5RV was designed as a single band 3/2 Wave Dipole fed with Ladderline. Later in evolution, (my wife keeps asking why I am asking her how to spell these big words), Coax replaced Ladderline. And eventually it was adapted to the G5RV antenna.

So armed with this info I derived the following formulas to create the G5RV for any band, have gain over a dipole, and match up for direct connection without a tuner for the design frequency.

Formula 1 (Dipole Length)

$$1428/F \text{ MHz} = \text{Length in Feet}$$

Formula 2 (Individual Wire Length)

$$1428/F \text{ MHz} = \text{Dipole Length}/2 = \text{Length Each Leg}$$

Formula 3 (Ladder Line Matching Section)

$$468/F \text{ MHz} = \text{Length of Ladderline in Feet}$$

Construction and notes: Connect one end of each Wire Leg to an insulator to create Dipole, attach 450-Ohm Ladderline to center insulator and Legs of Dipole. Attach 70 Feet of RG6QS (72 Ohm preferred) or RG8X (52 Ohm) Coax to other end of the Ladderline, Center to one side of Ladderline, Braid/Shield to other side of Ladderline. Adjust length of Ladderline then Dipole ends for best match. When I first set this up, I centered for 50.110 MHz, with 28.5' Dipole and 9.3' Ladderline. I trimmed 1/4" off the Ladderline and ended up with a SWR of 1.2 to 1 at 50.1 and climbed to 2 to 1 at 52.525 MHz. I did build one for 80 Meters, 380 Feet Tip to tip and 125 Feet of Ladderline between the insulator and the coax.

One word of caution, do not exceed the power rating of the materials used, namely the coax or Ladderline, i.e. 100-200W PEP may be fine or max, but 1500-2000W PEP may destroy the antenna, coax, and finals.

I have used the 6 Meter version and worked several locals with 5 Watts with a FT-817 on 50.125. Also an added bonus was that I switched to 2 Meter FM and talked through a local repeater with low 1.5 to 1 SWR. Downfall was if the repeater was full scale on my end, I wasn't hitting the repeater. If the repeater was S-0, I was in Full Quieting. Strange but this happened only on 2 Meters, 6 Meters was not affected by this.

73 and good luck

Matt N1RWC

LeJunquè

FOR SALE:

Heathkit SB 200 amplifier with three(3) extra new tubes. \$250.00 w/manual

Kenwood TS 930S with AT, SP930 speaker and MC-60 microphone. \$450.00 w/manual

Heathkit IO-4550 Dual Trace Oscilloscope with IG-4505 calibrator. \$100.00 w/manuals

MFJ1278 (NIB) Multi Mode Data Controller(TNC)\$35.00(no manual) Each as priced or the lot for \$750.00.

Chuck Lanza - K5PR (337) 365-3971

FOR SALE: by Glynn Langston WA5TAQ: YAESU 5100 Dual Band (2 meter and 440) for \$200.00 Like new condition. (Does not have speech synthesizer readout module). Contact John Martin KA5BSE for information. ka5bse@w5ddl.org

PETITION TO DROP MORSE CODE

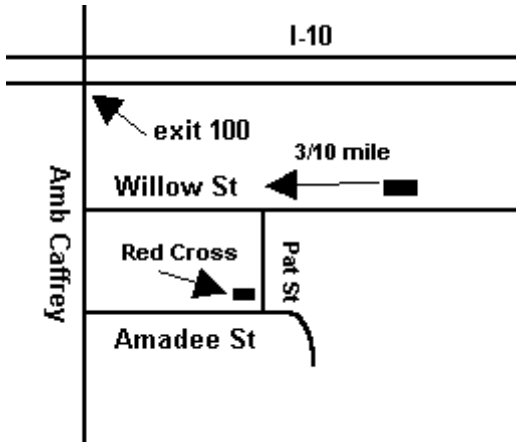
The National Council of Volunteer Examiner Coordinators (NCVEC), the umbrella group that writes the amateur radio licensing exams, today filed a petition with the Federal Communications Commission to eliminate Morse code testing for amateur radio licenses in the United States and other FCC-administered areas.

Citing the decision by the 2003 World Radiocommunication Conference to make Morse testing optional on a country-by-country basis, the NCVEC noted that the United Kingdom and Switzerland had already acted to end Morse examinations; stated that the Morse exam continues to be a barrier to "otherwise qualified individuals" who want to become hams; that it is a burden to applicants and examiners alike, and that code proficiency should not be used to determine who may operate voice. It asked for the

(Continued on page 4)

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immediate elimination of the Element 1 (code) exam requirement for any class of amateur license.

The NCVEC petition also calls for the FCC to grant Novice HF privileges to current Technician Class licensees.

The FCC has not yet given the proposal a rulemaking number, so it is not yet possible to file comments. We will keep you posted when this occurs.

FCC LICENSE INFO SERVICE

The FCC toll-free (WATS) number for Amateur Radio license inquiries -- including inquiries about vanity and new call signs. The number, 888-225-5322, will connect callers to the FCC National Call Center, handled by the FCC's Consumer Information Bureau. Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at 202-414-1250 or ulscmm@fcc.gov.

Web site:

<<http://wireless.fcc.gov/usl/>>

New call sign information can also be obtained from the ARRL/VEC at 860-594-3000.

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

The mailing address to the FCC is:
Federal Communications
Commission, 1270 Fairfield Road,
Gettysburg PA 17325-7245

From The Kitchen Of Carolyn Oubre KA5IJU

Broccoli-Corn-Casserole

1 (10oz.) pkg. chopped, frozen broccoli

1 (15oz.) can cream style corn

1/4 cup crushed cracker crumbs

1 egg, beaten

1 tbsp. finely chopped onion

1/2 tsp. salt

dash of pepper

Lightly cook broccoli. Combine with remaining ingredients. Mix well.

Spoon into baking dish.

Bake at 350 degrees for 45 minutes.

Makes a great side-dish.
