

CLALLAM COUNTY
AMATEUR RADIO
CLUB

QTC
JUNE 12

NEEDED

Field Day
Volunteers, Operators

***Don't miss this once in a
lifetime chance to partici-
pate in the CCARC 2012
Field Day!***

Sign Up Now!

Get Your License Here!

Next Technician and General Class Licence classes will be this fall in the September/October timeframe.

Chuck N7BV
ARRL VE-L



Program

06-13-2012

**Discussions/Planning on
Field Day and the Fireworks
Stand.**

We need articles for the QTC newsletter. This is your newsletter.

Tell us how you became interested in Ham Radio. What did you do over the summer (just like school) huh!

The more you submit the less we have to think of.

Thanks, the staff!

CCARC QTC Newsletter

Just a little background on the QTC.

We use ccarcqtq@yahoo.com as a repository for information for the newsletter. So if you have something for the QTC, please send it to the yahoo address. Do not sent it to one of the editors as they will just have to turn around and resend it to the yahoo address.

Please make sure the article or information is complete. As we rotate editing the newsletter you cannot be sure which editor will be piecing the newsletter together.

Please remove as much formatting from within whatever program you are using if you know how, before sending it to ccarcqtq. We do not edit, except to change fonts to a standard non-serif font (Arial which is easier to read than Times Roman). We will run a spell checker.

When first conceived the editors were given free license, it still is that way. It was understood they would endeavor to include everything submitted, within reason. For instance, off color jokes etc are not going to be printed.

Thanks,

Have an idea for a club program? Pass them along to the members of the program committee: Bill Carter, Janet Parris, or Chuck Jones.
Thanks.

2 METER NETS

CCARC :
Every Thursday 7:00 pm on the W7FEL Repeater.

ARES/RACES:
Every Tuesday except 1st Tuesday of the month at 7:00 pm on W7FEL Repeater.

W7FEL Repeater: 146.76 MHz., offset down 600 KHz. with a tone of 100 Hz.

From: Bruce Prior [mailto:n7rr@mail.com]
Sent: Sunday, May 06, 2012 07:03
To: David R. McCoy KE7JEJ

Hi David --

You're welcome to publish the following:

I will be publishing a comprehensive review of the KX3 in CQ Amateur Radio. It's mostly a superlative rave review, but I'm not recommending the KXPD3 paddle. Until a fully-adjustable alternative appears, I'm using an American Morse Equipment Mini-B single-lever paddle when operating the KX3 in portable situations. I attach it on the right panel of the KX3 using 3M™ Dual Lock™, with some Dual Lock™ on the top of the right-angle BNC adapter as well. It's quite steady. The entire base of the Mini-B and most of the left side are plastered with Dual Lock™.

I'm also suggesting that people who want to use the KX3 in portable situations other than on picnic tables and in vehicles install an entirely different tripod leg system under the rig, since four legs are inherently unstable on uneven surfaces. There are lots of possibilities, but my own design is made from a single REI trekking pole tip and three equal-sized rubber stoppers. The trekking pole tip fits over the center rear rubber stopper by friction fit, but it's removed for transporting the KX3. The two front feet are tall enough to bridge high spots on the ground. The E6000® glue which I'm using for those three stoppers is undergoing a 3-day curing period right now, so the rig is sitting on my work bench and is out of action.

Mobile operation with the KX3 is another matter entirely. Sometime Elecraft will be releasing a mobile bracket, model KXMM3.

We'll see how well that works. It appears that it will not be compatible with my tripod mod because it will not accommodate the central rear leg. I'm more interested in using my KX3 -- nicknamed "Triple Kicks" - - for backpacking rather than mobiling. Operators who don't intend to operate on rough ground will be better off leaving the base unmodified.

I'm also looking forward to the release of the KXBC3 NiMH internal charger and real-time clock. That will make weekend outdoor operations with the KX3 more convenient. For longer treks, I'm exploring solar power, but I haven't settled on any options yet. The key is light weight.

I've just published reviews at [eHam.com](http://www.eham.com) of two new Begali paddles. See: <<http://www.eham.net/reviews/detail/8002>> and <<http://www.eham.net/reviews/detail/10411>> The HST Mark II is a considerable improvement over the original HST Single Lever, and the hybrid Leonessa is nothing less than spectacular. The Leonessa can be used for either single-lever or dual-lever operation with the simple adjustment of one special thumbscrew. Neither is a portable paddle, of course. Sending PSK31 from home with the KX3 or the K3 using the high-precision Leonessa is incredibly fun. Neither paddle is cheap. If you want true quality, it comes at a price.

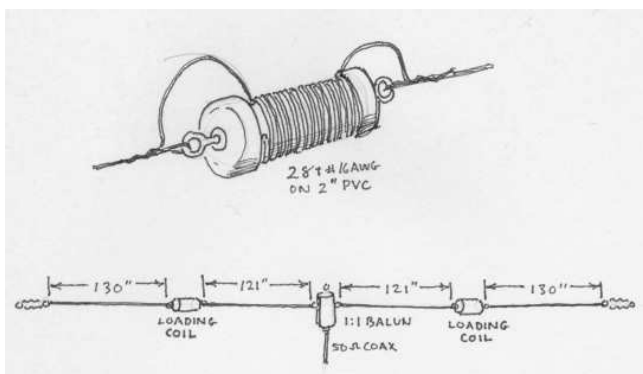
73, Bruce Prior N7RR

Submitted by David KE7JEJ

A shortened dipole for 60 Meters

By Paul Honore W6IAM

Recently, the FCC extended amateur use of 60 meters to include digital modes and 100 watts maximum power, making it a useful addition to our spectrum of



I found the easiest way to wind the coils was to cut about a foot length of PVC pipe and assemble an end cap and eye bolt on one end. Drill two 1/8" holes at the lip of the end cap and feed the hookup wire through them so that you have about 8' of wire sticking out of the coil form. Wind 28 complete turns on the coil form and temporarily secure the wire to the form with masking tape. Mark the PVC form at the edge of the wire with a pencil. Unwind a couple of turns and drill two more holes on the pencil mark. Re-wind the turns and count them to make sure you have exactly 28. Feed the wire through the holes as you did at the other end of the coil. Cut off any excess PVC and install the second end cap and eye bolt, pressing it tightly against the coil. After the antenna wire is secured to the eyebolt, solder the coil wire to it. Be sure to leave a small loop to allow free movement of the antenna wire and coil assemblies. It's best to cut the antenna wire lengths about a foot longer at each end to allow for tuning before final installation. My antenna ended up with 121 inch segments between the balun and the loading coils and 130 inches between the loading coils and the end insulators. Here are the measured SWR and impedance values after installation.

operating bands. However, as secondary users of the band, we are obliged to use it with caution and courtesy. Any infraction of the rules will likely result in the loss of this valuable resource. Having said that, let me move on to the main point of discussion, a 60 meter antenna for limited space.

In my own case, space for a horizontal antenna is limited to 50 feet, maximum. Here's the solution I came up with: A coil-loaded dipole 42 feet in length, with an SWR less than 2:1 over the entire band. I use it as an NVIS antenna for emergency communications and have received excellent SSB signal reports from Eastern Washington with as little as 10 watts of power.

Construction is simple and takes only about two hours to complete. The antenna wire is 14 gage stranded copper, available from AES or HRO, along with the 1:1 balun and end insulators. The loading coils are fabricated from 16AWG stranded, insulated hookup wire available from Radio Shack. The coils are close-spaced on 2 inch PVC pipe available from Home Depot, along with eye-bolts, nuts, washers, etc.

f (Khz) SWR Z (Ohms)

5483 3.0:1 70

5405 1.1:1 40

5390 1.0:1 40

5373 1.3:1 45

5360 1.55:1 50

5348 1.8:1 60

5332 2.3:1 70

W7RJW "Net" Working

Some local nets to listen in on/participate in. This is one good way to learn how we communicate on the airwaves as amateur (ham) radio operators. I spent a year just listening to a couple of these nets and how experienced operators talk to each other, before I even tried for my Technician license. It REALLY helped me a lot. I strongly recommend doing this on a regular basis. Enjoy!

Sunday:

LDS (Latter Day Saints) Emergency Net (you don't have to be a member to participate) 6pm on 146.760

Monday:

Elwha Emergency Net 5:30 pm On 146.760

WARA (West Coast Amateur Radio Association) Club Net (Victoria, BC Canada) at 7pm on 146.840

Tuesday:

ARES (Amateur Radio Emergency Services) Net 7pm on 146.760 (except for the first Tuesday of the month, when ARES meets at the Clallam County Courthouse)

Wednesday:

WARA (West Coast Amateur Radio Association) Emergency Net 7pm on 146.840
Simplex Net immediately following: on 146.580

Thursday:

CCARC (Clallam County Amateur Radio Club) Net 7pm 146.760

73 W7RJW Rebecca J. Winters

FOR SALE or TRADE

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Your Ad Could Have Gone Here

NEEDED
Field Day

Volunteers, Operators

Don't miss this once in a life-time chance to participate in the CCARC 2012 Field Day!

Sign Up Now!

Available from

www.lulu.com/spotlight/HonoreW6IAM

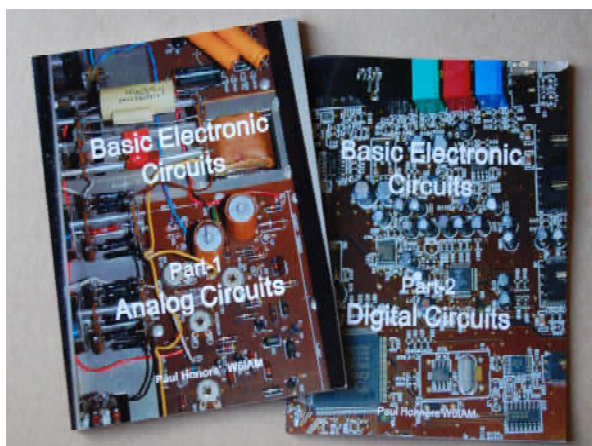
Basic Electronic Circuits,
Part-1 Analog Circuits

Basic Electronic Circuits,
Part-2 Digital Circuits

Basic Electronic Circuits,
Part-3 The Practical Radio Shack

By CCARC member, Paul Honore'
W6IAM

*These books are a non-threatening
Introduction to the technical aspects of
Ham radio*



**What's new on Ham
Nation?**

<http://twit.tv/hn>

June 6th, 2012

Episode #51: Amanda Returns

Hawaiian hams, bringing the coax in, Smoke and Solder classic, and more.

May 31st, 2012

Episode #50: Gordo And Julian From Hawaii

Transmitting from the beach, touring the Hamvention vendors, HF receiver operation, and more.

May 24th, 2012

Episode #49: The Dayton Experience

Bob and Gordo return from Dayton Hamvention with all sorts of goodies, and it's Ham Nations one year birthday!

May 17th, 2012

Episode #48: Solder, Shacks, And Dayton, Oh My!

Top 5 essentials for your ham shack, Joe Eisenberg talks about photographing hamventions, Soundcard Oscilloscope, and more.

Have a cup of coffee, relax and watch one.

CCARC Committees

Activities Chair: *Vacant*

Education and Training: Chuck Jones N7BV

Field Day Co-Chairs: Al Fisk KD7TFK, *Vacant*

Health and Welfare: *Vacant*

Membership Chair: Becky Winters W7RJW

Net Coordinator: Becky Winters W7RJW

Program Co-Chairs: Janet Parris WA7JEP, Bill Carter W7WEC, Chuck Jones N7BV

Public Relations Chair: *Vacant*

Publications (Newsletter): Chuck Jones N7BV, Jeramey Johnson KF7PMC

Technical Chairs: Mark Merrikin, AE7IP & Paul Benadum, WB8BVK

Web Site Administrator: Rik Scairpon WX7RIK

CCARC General Meeting 2012-05-09

- 1905 Call to order by AD7TV, President absent
- 1910 Introduction by Sheldon: Information on TNT Fireworks tent sale
- 1930 AD7TV: PSK31 HF Digital Demonstration
- 1953 Break
- 2010 Resume from break
- 2018 Begin Business Meeting
 - Minutes accepted as printed in QTC - MSC
 - Coffee mess responsibility taken by KB0NND
 - Proposal for TNT Fireworks, discussion
 - tentative call for volunteers
 - possible fund usage for Forks and/or Striped Peak repeaters
 - fast turnaround needed, email response to be given later
 - Field Day location at Fairgrounds confirmed
 - where the antique tractors were last year
 - Discussion of volunteers to tow trailers for FD
- 2035 meeting adjourned - MSC

Submitted: Mike Rice, KB0NND Secretary CCARC

CCARC Board Meeting was not held in May, but the Board did render some decisions via email. Here are the results.

1. The Discovery Marathon will be permitted to use the CCARC repeater. A caveat was added to the permission, "If ARES is activated for any reason, the Racing Hams will suspend their use of the repeater. Club members will be asked to limit their use of the repeater during the race period, so as to avoid interference."

"This public service has been provided in the past years by Club members and other local hams. We will continue this service tradition by again providing race course communications this year. The marathon is scheduled for Sunday, June 3, with race activities occurring between 0845 and 1430 hours. Anticipated traffic will be sporadic during the event, with most communications concentrated at race start and finish. Obviously, if there is an emergency or injury, there will be communications surrounding that event.

The plans for the ham radio involvement can be found at the following web site:

<http://www.robin-wood.com/Ham/Marathon/marathon2012.htm>

Thanks in advance.

Rik Scairpon WX7RIK"

The following YES votes recorded: Jeramey Johnson, Chuck Jones, Dennis Tilton, Mike Rice

Al Popowski's concurrence is noted and welcome!

This amended measure meets a quorum plus one and is passed.

2. The purchase of a new AGM battery and charger were authorized to replace the existing set at the Striped Peak repeater. The older battery has difficulties retaining a charge and the charger is struggling to keep up. Estimated cost of replacements is less than \$250.

The following YES votes recorded: Chuck Jones, Dennis Tilton, Jeramey Johnson, Mike Rice

This measure met a quorum plus one and is passed.

Submitted: Mike Rice, KB0NND Secretary CCARC

FROM OUR TREASURER

As of May 31,2012

First Federal Savings & Loan of Port Angeles Balance:	\$ 6987.84
Outstanding Cheques:	\$0.00
Checkbook Balance:	\$ 6987.84

Thanks,

Ernie Griffith

W7EWG

CC-ARC Treasurer

June BIRTHDAYS

Birgit Llewellyn	KF7JQR	June 08
Jack Wise	KC7ZXS	June 09
John Moore	K7NIA	June 14
Bob Pensworth	WA7BOB	June 14
Chuck Jones	N7BV	June 17
Bill McPherson	W6JEQ	June 18
Jack Hubley	K7JBH	June 25
Frank Doherty	KJ7SK	June 29
George Llewellyn	KF7JQS	July 03
Gerald Sampont	WA7BUY	July 03
Nita Lyman	KE7DRT	July 04
Shirley Newcomb	KC7ZQA	July 05

COMING EVENTS

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07/28/2012 [Chehalis Vly ARS Tailgate Swapmeet](#)

Location: Chehalis, WA

Type: ARRL Hamfest

Sponsor: Chehalis Valley Amateur Radio Society-

Website: <http://www.cvars.org>

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08/11/2012 [Radio Club of Tacoma Hamfest](#)

Location: Spanaway, WA

Type: ARRL Hamfest

Sponsor: Radio Club of Tacoma

Website: <http://www.w7dk.org/>

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The 2012 Pacific Northwest DX Convention
Presented by The Willamette Valley DX Club
August 3-5, 2012
Monarch Hotel and Conference Center, Clackamas, OR
<http://wvdx.org/dotnetnuke/>

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NEXT YL LUNCHEON

July 13th
Gordy's Pizza & Pasta
Port Angeles

**Find us on the web at
www.olyham.net
Check it out. Lots of
information about ham
radio in Clallam County!**

2012 YL Luncheons:

Reservations 11:30 2nd Friday of each month

July - Gordy's Pizza & Pasta - Port Angeles
August - Tarcisios - 609 W. Washington - Sequim
September - Sergios - 205 E. 8th - Port Angeles
October - Fortune Star -145 E. Washington - Sequim
November - Chestnut Cottage - 929 E. Front - Port Angeles
December - Cedars at Dungeness 1965 Woodcock. - Sequim

Description	Time/Date	Location	Contact
Clallam County ARES/RACES meeting	7 pm, first Tue of every month	Clallam County Courthouse EOC, 223 E. 4 th St., PA	Al Dawson W7YLV 360-457-0752
Clallam County Amateur Radio Club general meeting	7 pm, second Wed of every month	Port Angeles Fire Station 5th and Laurel, PA	Chuck Jones N7BV 360-452-4672
Clallam County Amateur Radio Club social breakfast	8 am, first Sat of every month	Joshua's Restaurant Hwy. 101 & Del Guzzi Dr.	Chuck Jones N7BV 360-452-4672
Clallam Country Amateur Radio Club YL social lunch	11:45 am 2d Fri of every month	Rotates - announced on Thursday night Net (See QTC Newsletter)	

CC-ARC Welcomes new members:

Birgit Llewellyn KF7JQR
George Llewellyn KF7JQS
Gary Lenox KF7VOY
Elaine Lenox KF7VPB

CLUB OFFICERS For 2012

President: Becky Winters W7RJW 360-928-0127 W7RJW@yahoo.com

Vice President: Al Popowski W7ALP 360-477-4037 alpop@wavecable.com

Secretary: Mike Rice KB0NND KB0NND@yahoo.com

Treasurer: Ernie Griffith W7EWG 360-808-6668

Board Member (Chairman): Chuck Jones N7BV 360-452-4672 n7bv@yahoo.com

Board Member: Jeramey Johnson KF7PMC (253) 254 6225 jerameyaj@gmail.com

Board Member: Dennis Tilton AD7TV 360-452-1217 ad7tv@wavecable.com