

## Field Day 2016

It's that time of year again. Find that dusty genny, shake off that tent, and where's that old table I use in the field? This year we'll have some new gear to play with thanks to HARC membership authorizing the purchase of a club triplexer for 10/15/20 meters using a single antenna. Jim kw6jim ordered the unit and this week it arrived here in Humboldt, tested and was fun.

We need helper bees for the antenna raising on Friday afternoon (June 24) starting around 3pm at Woodley Island. We will also need a shuttle person to assist us while we move the club COMVAN from the hospital out to the operating site. Then after the masts and antennas are up, we'll have to figure out what we'll do for dinner!

Short list of needed materials: rope, orange/yellow marker tape, stakes, big hammers, rope, electrical tape, coax, coax jumpers, radios, batteries, ht's, hard core radio operators, hungry people, water/soda/etc, hats & sun screen, 5 gallon buckets, connectors, wire, power strips, cords, interference, tarps, bungee cords, and comfortable chairs. If you think it could come in handy, then bring it. :)

Saturday (June 25) at 6:00pm we'll have a pot luck. Bring your food and dishes, and don't forget your napkins. Sunday (June 26) at 9am we'll have banquet breakfast. Bring your plates and enjoy a wonderful morning on the bay front!

Sunday afternoon, we'll need all those helper bees to again help us pull down and stow our gear and return the COMVAN to his usual hangout spot.

For the new operators that were licensed the last few years, this event is a great way to discover HF radio and how to cobble stations together in the field. It is a lot of fun and you will undoubtedly see gear and software you didn't know existed! The order of this weekend is to HAVE FUN and call CQ FIELD DAY!

## Humboldt Amateur Radio Club

Minutes of Meeting - June 7, 2016

Draft

Officers Present: Jim Armstrong KW6JIM, President / Peter Esko W6IES, V.P. / Marcy Campbell KE6IAU, Treasurer / Anthony Wiese KG6LHW, Events Planner / Jaye Inabnit KE6SLS, Newsletter Editor Pro Tem /

Officer Absent: Dan Eaton KB6DE, Secretary

Minutes taken by Greg Deja AA6GD

Call to Order was at 7:00 PM. Location: Eureka, 6<sup>th</sup> Street Fire Department meeting room.

The log book was passed.

Presentation: Dorie Lanni, Emergency Services Manager with the Humboldt County Sheriff's Office of Emergency Services, addressed the Club prior to the business meeting. Dorie reported that she had traveled to Maryland to attend a FEMA training/drill. She emphasized the role that ham radio operators will play following a disaster in Humboldt County, and said that she was enthusiastic about working with the Club to have as many members as possible receive Disaster Service Worker Identification Cards.

Health & Welfare: No report.

Secretary's Report: Greg distributed draft copies of Minutes of the April 5, 2016 and May 3, 2016 HARC meetings. Steve Isherwood motioned to accept the minutes as submitted. Seconded by Howard Lang.

Treasurer's Report: The beginning balance was \$1,930.58. Dues income was \$20. Room rent expense was \$30. Current balance is \$1,920.58. Peter Esko motioned to accept the report. Seconded by Don Nelson.

Vice-president's Report:

- a) Peter reported that the Kinetic Sculpture Race went well overall. A ham from Point Arena, Scott Gasparian AF6MQ, assisted and proved to be a competent operator. Anthony suggested that the Club consider handing out ham-related "swag" at the next Kinetic Sculpture Race.
- b) Peter said that he is arranging for a presenter to provide a "crash course" in FEMA courses ICS 100, 200, and 700.

EmComm:

- a) The Cascadia Rising exercise was underway at the time of the June 7<sup>th</sup> HARC meeting.
- b) Peter stated that the Humboldt County communication drill scheduled for June 18<sup>th</sup> will begin on the Far West Repeater System. The exercise will be run as a controlled net, with operators directed to various frequencies and modes to expand the scope of the event. The drill will begin at approximately 09:00 hours, local time. Peter will begin the drill from the Bayshore Mall MacDonald's parking lot. Operators can meet Peter at MacDonald's, or take instructions over the air as the event unfolds.

Old Business:

*Not discussed, but still pending –*

- a) A meeting with Reg Kennedy of the Weather Service re Skywarn affiliation.
- b) The Trusteeship for the Club's call sign W6ZZK pends.

Don Campbell reported that communications for the Tour of the Unknown Coast and the Avenue of the Giants race went smoothly.

New Business:

a) Jim Armstrong stated that he wanted to use Club funds to purchase a tri-plexer and band pass filters for use during Field Day. The cost would be about \$400 plus \$16 shipping. Don Nelson suggested postponing the purchase to allow time to research alternative units. Larry Buerer motioned

that the Club allocate \$500 for the purchase. Steve Isherwood seconded the motion. A vote was taken. The motion passed with Don Nelson voting "Nay".

b) Jaye Inabnit will organize setting up the Woodley Island site for Field Day 2016. Set-up will begin on Friday, June 24<sup>th</sup>, at 3:00PM.

c) Jaye submitted the original filing with the Secretary of State for HARC's non-profit status. Marcie retained the document for her files.

d) Jim said that he will give a report on the SeaPac Convention at the next Club Meeting.

e) Nick Yancheff informed the membership that he worked in housing and dining at Humboldt State University, and asked if there would be interest in doing a ham radio presentation at a Department meeting on the first Wednesday of February 2017. Several members indicated support for the presentation.

Raffle Winners: Anthony Wiese – Repeater Directory / Saroj Gilbert – Yaesu System Fusion cap, mirror, unguents, brush / Bob Colburn – Heil cap / Howard Lang – rubber mallet, Q-tips / Don Campbell – lollypops, unguents / Steve Isherwood – green tea face masque, socks / Nick Yancheff – insoles, reading glasses.

Adjournment: 8:50PM

/ed corrected my name to Greg!

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Eureka, CA 95502-5251

## Next month in RAIN

Field day recap, a tidified radio shack upgrade, EMCOM reports, news and events that shake the amateur world.

Howard kb6nn sent me the new CR code (is that the right spelling?) for the back page of RAIN. Thank you Howard.



"Mr. Nelson...I'm afraid you will have to leave the air for a while during this procedure."

## **EMCOM TEST JUNE 2016**

### **The Event**

Peter W6IES, organized an emergency test Saturday, June 18. Hams who participated were: Peter W6IES, Howard KB6NN, John KG6MAR, Jaye KE6SLS, Del W6KOZ, Doug K7KY, and Gary K6JXM. We met at McDonalds at Bayshore mall for briefing; the goal is to establish simplex communications from Mad River hospital in Arcata to Memorial hospital in Fortuna using a scenario of major earthquake, building damage, no electrical or communication grid. We all know a major crisis is on the way, so this was good learning experience. Howard used his 4x4 jeep to reach high ground at Table Bluff above the south spit. Jaye parked in the lot next to OES (which is too damaged to enter), John parked at Mad River, and Peter parked at Memorial. Communications were very difficult, but eventually, Howard and Peter were able to find “sweet spots” to talk to one another. Next we used the 146.910 repeater to link hospitals, and all were able to use the repeater with high power; Garberville, Fortuna, Eureka, and Arcata. Next we tried to use the Brookings repeater (147.250), but Eureka was unable to reach it from down town. Thank you Doug and Gary.

### **The Debrief**

Most of the group regrouped at Babes Pizza for lunch. Howard used the high ground to act as repeater (relay) over the high terrain. We learned that it would be quite difficult to pass actual traffic this way, however, with digital equipment (software) would work, however, slowly. The 146.910 repeater needs to be tested and aligned and probably coax and antenna work. The use of high ground repeaters like Brookings and Pierce will be extremely valuable, however, it is unknown how long any of these machines will function without grid power. Jaye cheated the system by using his cross band radio to establish link from Eureka to Arcata—this proved valuable as long as the ops know how to use these. Jaye also was able to establish APRS messages to Mendocino. Our repeater/digipeater infrastructure is quite valuable—we need to take good care of these links and provision them for emergency use as best we can. Being able to operate portable and use new rigs, equipment, and digital software will be critical for best outcomes. We wrapped it up around 1pm. Good exercise—Thank you Peter for heading this event.

## **Notes about RAIN**

Thank you all who have helped me get this newsletter out each month. I am requesting submissions by the 10<sup>th</sup> of each month. My goal is to release RAIN by middle of each month. RAIN is always looking for submissions and articles. It is easy, just copy and paste your ideas into an email and send it to me here. If you didn't write the article, always request permission by the person/organization who originated the article. Sadly, I have a great article, but the ham never replied to me permission to reprint, so that article is in the trash can. Pictures are also great. Submit them the same way, I will crop them down and resize for easy download each release. Make sure all events are sent to me soonest for more people can plan for them. To recap:

\***DEADLINE** 10<sup>th</sup> day of each month

\***REQUEST** reprint from author

\***PICTURES** are always welcome

\***UPCOMING EVENTS** are always needed soon as possible

## **FWRA MEETING APRIL 3, 2016**

Meeting called to order by President Bernie Christen, WA6HZG, at the Ridgetop Café in Fernbridge.

Also in attendance:

Dan, AG6JW, Don, KE6HEC, Don, WA6NBG, Jack, KM6TE, and Clem, WA6TVQ

As there was live music at the Café on this day, the meeting was short, during a musical break.

### **SECRETARY'S REPORT**

The Minutes from the January meeting were emailed.

### **TREASURER'S REPORT**

Clem reported that he needed to reimburse Rich for the Humboldt Redwood Company lease for the Pierce site.

### **COMMUNICATIONS**

No communications.

### **COMMITTEE REPORTS**

No reports.

### **OLD BUSINESS**

The Dinsmore repeater is ready to go back in service.

Humboldt Hill is working fine after being worked on in December.

The spare repeater is being serviced at RWS.

It was mentioned that we should put a tone on the repeater outputs to keep mobile radios quiet when traveling through town.

### **NEW BUSINESS**

#### **PAROCC**

- Need a form to be filled out for each repeater – location, make, model, antenna, etc., to facilitate creation of the database.
- Need to add the Southern Humboldt repeaters – work with Ed Ryan
- Need to add link pairs.

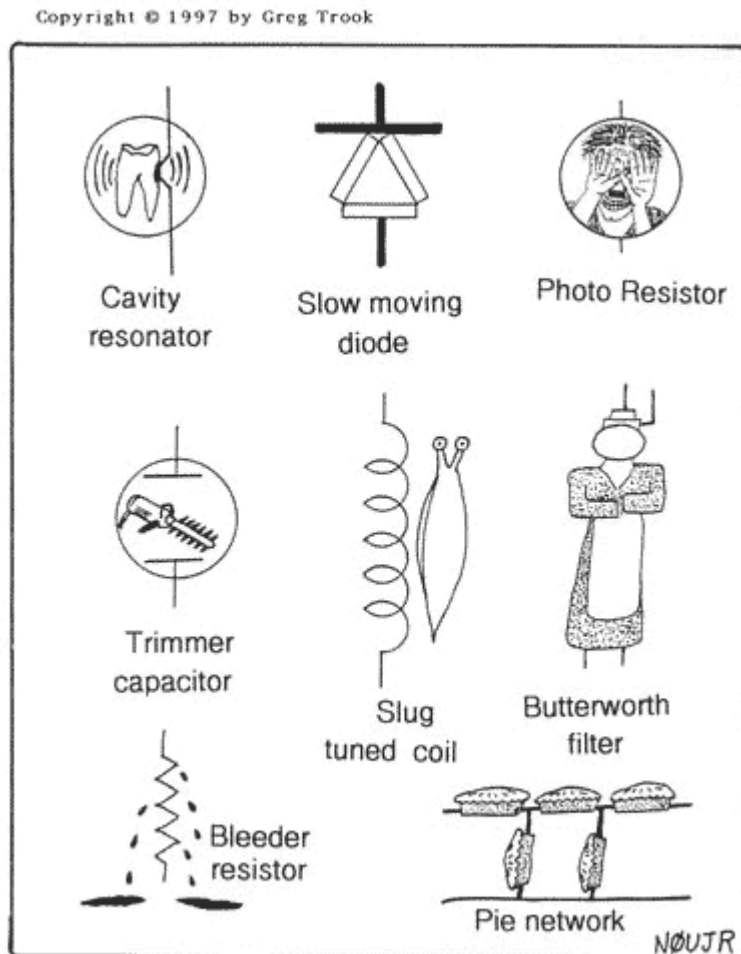
The next meeting will be in Loleta at the Fire Department on June 12.

Meeting adjourned.

Respectfully submitted, Don Campbell, KE6HEC, Secretary.

Don Campbell 707.445.6343

/tu Don



Little known standard electronic symbols.

SB SPCL ARL ARLX006

ARLX006 2016 WIAW Field Day Bulletin Schedule

Day	Mode	Pacific	Mountain	Central	Eastern	UTC
FRIDAY	CW	5:00 PM	6:00 PM	7:00 PM	8:00 PM	0000 (Sat)
	Digital	6:00 PM	7:00 PM	8:00 PM	9:00 PM	0100
	Phone	6:45 PM	7:45 PM	8:45 PM	9:45 PM	0145
	CW	8:00 PM	9:00 PM	10:00 PM	11:00 PM	0300
SATURDAY	CW	7:00 AM	8:00 AM	9:00 AM	10:00 AM	1400
	Phone	8:00 AM	9:00 AM	10:00 AM	11:00 AM	1500
	CW	5:00 PM	6:00 PM	7:00 PM	8:00 PM	0000 (Sun)
	Digital	6:00 PM	7:00 PM	8:00 PM	9:00 PM	0100

	Phone	6:45 PM	7:45 PM	8:45 PM	9:45 PM	0145
SUNDAY	CW	7:00 AM	8:00 AM	9:00 AM	10:00 AM	1400
	Phone	8:00 AM	9:00 AM	10:00 AM	11:00 AM	1500
	Digital	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1600

#### K6KPH Field Day Bulletin Schedule

SATURDAY	CW	7:30 AM	8:30 AM	9:30 AM	10:30 AM	1403
	CW	5:30 PM	6:30 PM	7:30 PM	8:30 PM	0030 (Sun)
	Digital	6:30 PM	7:30 PM	8:30 PM	9:30 PM	0130
SUNDAY	CW	7:30 AM	8:30 AM	9:30 AM	10:30 AM	1430
	Digital	9:30 AM	10:30 AM	11:30 AM	12:30 AM	1630

W1AW will operate on its regularly published frequencies.

CW frequencies are 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675 and 147.555 MHz.

Digital frequencies are 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095 and 147.555 MHz.

Phone frequencies are 1.855, 3.990, 7.290, 14.290, 18.160, 21.390, 28.590 and 147.555 MHz.

W1AW will transmit the Field Day bulletin using 45.45-baud Baudot, PSK31 in BPSK mode and MFSK16.

The W1AW EchoLink conference server W1AWBDCT will also carry the W1AW Field Day bulletin in real-time during the transmissions.

The Maritime Radio Historical Society station K6KPH will transmit the W1AW Field Day 2016 bulletin for the benefit of West Coast stations on 3.5815, 7.0475, 14.0475, 18.0975 and 21.0675 MHz using CW.

K6KPH will transmit the Field Day bulletin using Baudot, FEC AMTOR, BPSK31 and MFSK16 on 7.095 and 14.095 MHz.

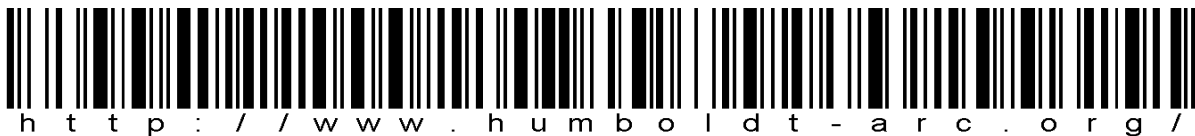
The K6KPH schedule is accurate as of June 20, 2016.

Any additional transmissions or changes in the schedule will be posted on the web at, [http://www.arrl.org/files/file/Field-Day/2016/2016\\_wlaw\\_sked.pdf](http://www.arrl.org/files/file/Field-Day/2016/2016_wlaw_sked.pdf) .

RAIN  
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North Coast Nets

Sunday	0800	North coast emergency net	3.855 MHz SSB
Monday	1900	Arcata Emergency simplex net	146.430 MHz
Monday	1900	Eel River Emergency net	147.090 PL103.5
Monday	1900	Eureka Emergency simplex net	146.460 MHz
Monday	1900	Southern Humboldt Emergency net	146.790 PL 103.5
Monday	1915	Eureka & north UHF Emergency net	444.400 +5000 PL103.5
Monday	1930	Humboldt county Emergency net (nearest FWRA repeater to you)	146.700 PL1031.5 147.000 PL1031.5 146.760 PL1031.5 146.610 PL1031.5
Monday	1945	Humboldt County HF emergency net	3.955 MHz SSB
Monday	2000	California State net	3.992 MHz SSB
Monday	2005	Humboldt HF Digital emergency net	3.582 USB
Tuesday	1930	ORCA digital operations net	3.5825 MHz USB
Tuesday	1930	California-Mendocino net	3.915 MHz SSB
Wednesday	1000	California State net	7.230 MHz SSB
Wednesday	1930	FWRA net	146.760 PL103.5



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