

**Ham Radio** in Humboldt county and *BEYOND...*



## The *BIG* Picnic

You're invited!

Make plans to join us at our Annual PICNIC in Scotia. Mark that calendar – Sunday, September 10th! Folks start arriving around 10AM or earlier, then we enjoy POTLUCK at noon. Following a fantastic lunch, we conduct the BIG RAFFLE! There is plenty of room to bring gear for sale or swap. Bring your stories and your family! Bring FOOD, plates, and plenty of napkins. I think almost all of us especially look forward to this event to catch up with hams we normally only HEAR via radio! It really makes for a perfect Sunday. ALL HAMS are invited. This also helps to support our Far West Repeater network. I am looking forward to seeing you all there!

Events short cuts:

September 5<sup>th</sup>, Tuesday, 7pm HARC meeting

September 10<sup>th</sup>, Sunday, **PICNIC!!**

September 16<sup>th</sup>, Saturday, TESTING in Eureka

September 26<sup>th</sup>, Tuesday, 7pm RARC meeting

## QuartzFest 2018

Ham, desert, FUN

Hey!

Time to start thinking about planning to attend QuartzFest 2018! It takes place near Quartzsite, AZ near the end of January. I thought I'd share the video of Steve and I being dorks and having a great adventure at QuartzFest 2016. I hope some more folks make the trek with us next year. Enjoy!

<https://youtu.be/WK3oMgMjeVc>

Jim, kw6jim

## **Redwood Amateur Radio Club**

**MEETING JULY 25, 2017**

The Redwood Amateur Radio Club meeting was called to order in Pepper's Restaurant by President Lonnie Harvey, KJ6WDL, at 1920.

### **SECRETARY'S REPORT**

The Secretary's Report for the June meeting was approved as sent by email.

### **TREASURER'S REPORT**

Dan, reported \$1468.64 in savings and checking combined. The check to Kirby Bay and trailer registration were not reflected in the report. The Report was approved as read.

### **OLD BUSINESS**

Equipment still needs to be transferred to the new trailer. Dan will find a weekday to get this done.

### **NEW BUSINESS**

Kirby knows a fellow, Randy, who has Ham gear for sale:

- Two dual-band radios
- Kenwood 430S
- SWR/Watt meters
- Two power supplies

\$700 takes it all – phone number is 498-3274.

Lonnie has gear as well:

- 756 Pro - \$600
- FT-857 with Tarheel antenna - \$700
- FT-897 with tuner, software, and power supply - \$700
- Other gear as well

HARC owes RARC \$0.50/foot for coax used. Don, KE6HEC will remind HARC.

Kirby has received the appropriate USB adapter for the controller and is ready to program the repeater.

It should be on the air soon at a new and higher location that should provide better Ferndale coverage.

Meeting adjourned at 2000.

Respectfully submitted, Don Campbell, KE6HEC, Secretary.

## EmComm Report

We met on Thursday July 20, 2017 at 7:00; the minutes follow. I'll be traveling on the third Thursday of September, so we won't meet that month. Contrary to what I announced at the August HARC Mtg, we will meet this month on Thursday, August 17, 7:00 PM, Eureka Muni, 11<sup>th</sup> at E St.

1. Don Nelson, WA6NBG gave an update on F1rstNet, a nationwide system intended to provide priority broadband access for first responders in every corner of America. ATT got the contract for the nationwide system, but states can opt out and establish their own. As of now, California has yet to decide which way to go.
2. EmComm Curriculum: ARRL/ARES has two levels of qualification. For the entry level, hams need to take the FEMA Courses IC-100 and IC-700, and then take ARRL's EC-001. All 3 are available online. The FEMA courses are all free; EC-001 costs \$50. I'll meet with Dorie Lanni, Humboldt County OES and see what the County needs, since that will drive what we want to do. I know that they require IC-100, 200 and 700 for Disaster Service Worker designation. The Sheriff's Office currently does not have a credentialing program for EmComm Hams.
3. Sustainability Fair: Coming up on Saturday October 14. We've been asked to display and demonstrate ham radio. So far, it looks like we're approved to have a pop up with demo, literature, etc, and a contest that will allow attendees to find the mobile ham operators (who'll be on foot and visible), and then enter the contest via radio message to a net/contest control station. The organizers are excited about the idea and are looking forward to working with us. They also have a place for our literature in the Emergency Preparedness Room. I'll order some of the fancy handouts from ARRL, I think they are free if we pay shipping. More on this at our August 17 meeting.
4. SkyWarn Training: Every year on the first Friday-Saturday of December some of us visit the NWS office on Woodley Island to operate their ham station for SkyWarn Recognition Day. Now we have a chance to learn about the program and how we can participate. I've asked Ryan Aylward from our local NWS office to offer training on SkyWarn and weather spotting for the NWS at our NEXT MEETING Thursday October 19, 7:00 PM right here. Plus they have cool t-shirts, patches stickers and other stuff. Look for the article on SkyWarn in this issue.

Peter w6ies

# Humboldt Amateur Radio Club

Minutes of Meeting - August 1, 2017

Officers Present: Jim Armstrong **KW6JIM**, Pres./ Dan Eaton **KB6DE**, Secretary /  
Jaye Inabnit **KE6SLS**, Newsletter Editor Pro Tem

Jim called the meeting to order at 19:03 PDT in the Eureka Municipal Auditorium (Muni) Meeting Room @ 406 11<sup>th</sup> St. ( 11<sup>th</sup> and E ). Introductions were made and the log book was passed around. 20 members attended.

Health and Welfare: Peter's Esko **W6IES** is down with a bug. We wish him well.

Past Event Report: Ben Adams **KK6SYJ** provided communications for the **Redwood Coast Mountain Bike Association** (RCMBA) **Stormy Saddle Enduro** mountain bike race at Lacks Creek Management Area about 20 miles NE of Eureka. He was assisted by Larry and two hams from Auburn, Justin and Kelly. Sorry, no call signs given. There were 72 riders (32 were expert class ) and the event lasted all day. Club members helped last year too, and the organizers appreciated our efforts.

- Our last 2<sup>nd</sup> Tuesday HARC Workshop featured a demonstration of satellite contacts (SO-50). Team JIM/ANTHONY **KG6LHW** contacted Team HOWARD **KB6NN**/JACK **KM6DFQ**. Their physical distance was 15 feet but their radio distance was over 800 miles round trip. The fellas also made contacts in Washington State and Oregon.

Future Events: Del Freret **W6KOZ** told us there was no participation at his Saturday ELMER sessions so he will resume that activity after the conclusion of the next Technician class in the fall.

- Next Tuesday we will have the second in our series of HARC Workshops. Jim will demonstrate WinLink.
- Gene Bass **K6PCS** is working on getting us a place at the Humboldt County Fair, 8-22 to 9-4. We hope to have our trailer and antennas of some kind to demonstrate our capabilities. We hope to staff our booth from noon to 5:00 each day. A sign-up sheet was passed around.
- We still have interest in a Winter Field Day. The date is to be determined. We don't want to conflict with QuartzFest.
- Lighthouse Weekend is coming up and the club plans to have a display and make an attempt to make contacts from Trinidad Head Lighthouse. Jim says the event will start at 08:30.
- Prepare yourselves. The Far West Repeater Association Annual Pic-Nic in Scotia in September is coming up fast.

July Action Items review: Jim received the trailer registration. The trailer now has a regular DMV issued license plate since Jim learned installing our "vanity" ham plate was going to be a very costly and recurring expense. We will mark our trailer in other ways.

- Steve Isherwood **KK6MPV** and Jim gave the trailer inner walls three coats of white paint and gave the several coats of clear coating with anti-slip additive.  
It looks nice. Planning for trailer furniture and wiring pends. Jaye volunteered to spearhead that project.
- Our clubhouse cubical was cleaned up and all is well with our hosts.
- Gary Wellborn's **K6JMX** donations netted \$200 in sales to club members.

EMCOMM Report: The next EMMCOMM meeting is scheduled for August 17th 19:00 - 21:30

- PDT at he Muni.
- Please see the attached ADDENDUM for Peters report.

New Business: None

Presentation: Jim shared an interesting YouTube video about WinLink.

Reminder: Annual club dues are payable now. Single Membership is \$20.00 and household membership is \$25.00. Remember to put your call sign(s) on the check.

The meeting was adjourned at 21:11 PSDT.

Attachments: EMMCOMM REPORT Peter W6IES

Note to new or prospective Members:

The club has an informal lunch every Thursday, 11:30 at the Pantry Restaurant on Broadway in Eureka (next to the Motel 6). All are welcome.

Minutes submitted by Dan Eaton KB6DE

## ***Another REALLY COOL VIDEO***

Here's a Field Day 2017 video shot by Howard Lang - KB6NN.  
Thanks, Howard!

<https://youtu.be/mEryk9IgKu4>

Jim Armstrong - KW6JIM  
Humboldt Amateur Radio Club

## Humboldt ARC

### EXTRA STUFF

Thank you Jim Armstrong KW6JIM for putting on a great presentation on Winlink 2000. There were about seven us there. We all feel like we have a better grip on sending and receiving email via amateur radio.

Howard Lang KB6NN will be presenting PSK31 via FLDIGI on Sept. 12.

Jaye Inabnit KE6SLS will be presenting APRS on Oct. 10.

Finally, tonight we'll have an informal gathering at Kneeland airport to watch the 70 degree Space Station pass beginning at 2042. We'll have a 10" Dobsonian Telescope to check out Saturn and Jupiter after the pass. Then, even though we'll be a bit early in the evening we hope to catch some of the Perseid Meteor shower said to peak tonight.

We'll be monitoring Far West. First one up please give us a weather report. Lastly, as you approach the parking lot, please turn off your headlights as soon as safe and practicable as to preserve the stargazers night vision. Yes, we realize that there smart cars out there that won't allow this. LOL.

Cheers and 73,

Anthony Wiese

KG6LHW

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Jaye Inabnit ke6sls, ke6sls@arrl.net

For more information, please visit our website <http://www.humboldt-arc.org>  
or write to:

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Eureka, CA 95502-5251



The effects of severe weather are felt every year by many Americans. To obtain critical weather information, NOAA's National Weather Service (NWS), part of the U.S. Department of Commerce, established SKYWARN® with partner organizations. SKYWARN® is a volunteer program with nearly 290,000 trained severe weather spotters. These volunteers

help keep their local communities safe by providing timely and accurate reports of severe weather to the National Weather Service.

Although SKYWARN® spotters provide essential information for all types of weather hazards, the main responsibility of a SKYWARN® spotter is to identify and describe severe local storms. In the average year, 10,000 severe thunderstorms, 5,000 floods and more than 1,000 tornadoes occur across the United States. These events threatened lives and property.

Since the program started in the 1970s, the information provided by SKYWARN® spotters, coupled with Doppler radar technology, improved satellite and other data, has enabled NWS to issue more timely and accurate warnings for tornadoes, severe thunderstorms and flash floods.

SKYWARN® storm spotters are part of the ranks of citizens who form the Nation's first line of defense against severe weather. There can be no finer reward than to know that their efforts have given communities the precious gift of time—seconds and minutes that can help save lives.

Who is Eligible?

NWS encourages anyone with an interest in public service and access to communication, such as HAM radio, to join the SKYWARN® program. Volunteers include police and fire personnel, dispatchers, EMS workers, public utility workers and other concerned private citizens. Individuals affiliated with hospitals, schools, churches, nursing homes or who have a responsibility for protecting others are also encouraged to become a spotter.

How Can I Get Involved?

NWS has 122 local Weather Forecast Offices, each with a Warning Coordination Meteorologist, who is responsible for administering the SKYWARN® program in their local area. Training is conducted at these local offices and covers:

5. Basics of thunderstorm development
6. Fundamentals of storm structure
7. Identifying potential severe weather features
8. Information to report
9. How to report information
10. Basic severe weather safety

Classes are free and typically are about two hours long.

SKYWARN is a concept developed in the late 1960s that was intended to promote a cooperative effort between the National Weather Service and communities. The emphasis of the effort is often focused on the storm spotter, an individual who takes a position near their community and reports wind gusts, hail size, rainfall, and cloud formations that could signal a developing tornado. Another part of SKYWARN is the receipt and effective distribution of National Weather Service information.

The organization of spotters and the distribution of warning information may lie with the National Weather Service or with an emergency management agency within the community. This agency could be a police or fire department, or often is an emergency management/service group (what people might still think of as civil defense groups). This varies across the country however, with local national weather service offices taking the lead

in some locations, while emergency management takes the lead in other areas.

SKYWARN is not a club or organization, however, in some areas where Emergency Management programs do not perform the function, people have organized SKYWARN groups that work independent of a parent government agency and feed valuable information to the National Weather Service. While this provides the radar meteorologist with much needed input, the circuit is not complete if the information does not reach those who can activate sirens or local broadcast systems.

SKYWARN spotters are not by definition "Storm Chasers". While their functions and methods are similar, the spotter stays close to home and usually has ties to a local agency. Storm chasers often cover hundreds of miles a day. The term Storm Chaser covers a wide variety of people. Some are meteorologists doing specific research or are gathering basic information (like video) for training and comparison to radar data. Others chase storms to provide live information for the media, and others simply do it for the thrill.

Storm Spotting and Storm Chasing is dangerous and should not be done without proper training, experience and equipment.

The National Weather Service conducts spotter training classes across the United States, and your local National Weather Service office should be consulted as to when the next class will be held.

SKYWARN® is a registered trademark of NOAA's National Weather Service. Rules for the usage of the SKYWARN® name and logo are available at [http://www.weather.gov/skywarn/resources/SKYWARN\\_branding\\_guidelines\\_v5.0\\_Oct08.pdf](http://www.weather.gov/skywarn/resources/SKYWARN_branding_guidelines_v5.0_Oct08.pdf).

## VE Exams

### Testing for Amateur radio

Humboldt ARC  
September 16, 2017  
10:00 AM <walk ins OKAY>  
Contact Irma Ruegg  
(707) 826-0767  
Email: [hamradio1991@hotmail.com](mailto:hamradio1991@hotmail.com)  
Fire Dept (Classrooms)  
6th & C Street  
Eureka CA 95501

Fortuna ARC  
October 21, 2017  
10:00 AM <walk ins OKAY>  
Contact Daniel R. Martin  
(707) 768-9147  
[Dan.AG6JW@gmail.com](mailto:Dan.AG6JW@gmail.com)  
Fortuna Volunteer fire Dept  
320 S Fortuna Blvd  
Fortuna CA 95547

## ARRL Headquarters

**Revised NCVET Form 605 Must Be Used at Exam Sessions  
Starting on August 21**

With a revised FCC Form 605 - Quick-Form Application for Authorization in the Ship, Aircraft,



Amateur, Restricted and Commercial Operator, and General Mobile Radio Services - soon going into effect, the National Conference of Volunteer Examiner Coordinators (NCVEC) has updated its unofficial NCVEC Form 605 that's used at volunteer examination sessions. The revised NCVEC Form 605 must be used at exam sessions starting on August 21. Both the new FCC and NCVEC forms ask applicants if they have been convicted of a felony in any state or federal court. This conforms with FCC requirements to evaluate an applicant's qualifications to hold any FCC-issued license. The FCC has been asking "the felony question" on other forms, and its omission on Form 605 was an apparent oversight.

An applicant's response and explanation to the felony question – now included on NCVEC Form 605 - will be used to determine eligibility to be a Commission licensee. If the answer to the felony question is "yes," the applicant must submit to FCC - separately from NCVEC Form 605 - a statement (the FCC calls it an "exhibit") explaining the circumstances. Such applications will be held for a basic qualification review, something the FCC already does for other licensed radio services. The FCC's Wireless Telecommunications Bureau has said that an affirmative answer to the felony question does not mean that an application will be denied automatically.

An applicant's answer to the felony question and their exhibit will be publically viewable via the Universal Licensing System (ULS). The applicant can request that all or part of the exhibit be kept confidential, and it will not be visible to the public.

VECs will not handle exhibits and confidentiality requests; these must be filed with the FCC by the applicant.

Applicants must answer the felony question only when filing NCVEC Form 605 or FCC Form 605 for a New, Amendment, Modification (upgrade or call sign change), or Renewal/Modification (changes at renewal time). The question does not have to be answered if the applicant is filing a renewal or an administrative update (change of address, name, e-mail address, etc).

New NCVEC 605 Forms and an Applicant information sheet for use at ARRL Volunteer Examiner Coordinator exam sessions starting on August 21 have been published. VEC teams should discard all existing versions of the NCVEC Form 605; they no longer will be valid and cannot be used going forward.

The FCC has indicated that all VECs must begin submitting this additional data starting on September 7. NCVEC decided to make August 21 the effective date to accommodate mail schedules and the Labor Day holiday.

NCVEC Form 605 has not been revised since the Commission restructured Amateur Radio license classes 17 years ago.

## **HEALTH & WELFARE**

Doug k7ky post surgery, recuperating well.

Jaye ke6sls post surgery, recuperating well.

RAIN  
Box 5251  
Eureka, California, 95502-5251

North Coast Nets

Sunday	0800	North coast emergency net	3.855 MHz LSB
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	1930	Humboldt HF Digital emergency net	3.581 USB MFSK32
Monday	1945	Humboldt County HF emergency net	3.955 MHz LSB
Monday	2000	California State net	3.992 MHz LSB
Tuesday	1930	ORCA digital operations net	3.581 MHz USB
Tuesday	1930	California-Mendocino net	3.915 MHz LSB
Wednesday	1000	California State net	7.230 MHz LSB
Wednesday	1930	FWRA net	146.760 PL103.5



[humboldt-arc.org](http://www.humboldt-arc.org)