



From our Club President...

Consider Cabin Radio-Fever

by Dick Radford WA7NIW, President

Summer brings us warm weather and lots of projects around the home. It might be a good idea to sneak some antenna projects into the traditional Honey-do list. Once summer is over there will be plenty of operating events during the Fall and Winter months when more inclement weather makes outdoor work unpleasant.

One idea that has been floating around the Board is to participate as a club in some kind of operating event during those "indoor" months that will be coming up soon enough. There are events that would lend themselves to operating from a single location as a group, and others that allow us to operate from our own home stations and then submit our scores as a club. This would allow us to compete individually against each other, and against the rest of the world as a club.

What do you think? Do you have any ideas for new club activities that would draw participation from the members?

Dick - WA7NIW

The event, held for the 10th year in a row, takes place from Saturday, August 16 0001 UTC to Sunday, August 17 2359 UTC. While not a contest, the ILLW is more of a QSO Party and Amateur Radio demonstration. The ILLW aims to raise public awareness of lighthouses and lightships and the need for their preservation and restoration, promote Amateur Radio and foster international goodwill.

Stations at more than 40 US lights are expected to be on the air for the event, and several stations will identify with special event call signs. Participating lighthouse/lightship stations do not have to be inside the structure or on the vessel itself; a Field Day-type setup at or adjacent to the light is sufficient. More information about the event, including a registration form, is available on the ILLW Web site <http://illw.net/2008_list.htm>.

[Ed. Note-- Among the participating lighthouses in Washington State are the following--

| Country | Call | Lighthouse Name/ IOTA No. etc | ILLW No. | QSL Route/etc | WEB LINKS |
|---------|--------|--------------------------------|----------|---------------|---|
| USA | K7WG | Grays Harbor Lighthouse | US0062 | | |
| | Direct | | | | Web |
| USA | KC7Z | Point-no-Point Lighthouse, WA. | | | |
| | US0061 | NKARC | | | Web |
| USA | N7H | North Head Light, Ilwaco, WA | | | |
| | US0028 | Direct via W7RDR | | | QRZ.com Web |

--Gary KG7KU, Editor]

Excerpt: --The ARRL Letter, Aug 8, 2008--

International Lighthouse/Lightship Weekend 2008

More than 380 lighthouses in more than 51 countries -- from Argentina to Wales -- will be on the air for 2008 International Lighthouse/Lightship Weekend (ILLW) <<http://illw.net/>> organized by the Ayr Amateur Radio Group (AARG) in Scotland <<http://www.gm0ayr.org/>>.

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The *K7LED Relay*, published monthly, is the official newsletter of the Mike & Key Amateur Radio Club. Mike & Key ARC is an ARRL-affiliated club dedicated to the growth and betterment of Amateur Radio.

The club meets at 10 A.M. the third Saturday of every month at Salvation Army Headquarters, 720 S. Tobin Street, in Renton (near the southeast corner of Renton Airport). Anyone interested in Amateur Radio is invited to participate in the Mike & Key ARC and its activities. Annual dues are \$12 for individuals and \$18 for families.

**Postal Address**

P.O. Box 4234
Renton, WA 98057-4234

Web Site

www.mikeandkey.org

Send dues to

Mike&Key ARC
P.O. Box 4234
Renton, WA 98057-4234

K7LED Repeaters

146.82 output / 146.22 input
(PL 103.5)
Tiger Mountain
224.120 output / 222.520 input
(PL 103.5)
Tiger Mountain

Email

info@mikeandkey.org

Send newsletter submissions to

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Reflector

<http://groups.yahoo.com/mkarc>

Club Contacts

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| No. 4 | Robert Grinnell | KD7WNV | r-grinnell@comcast.net | 425-398-1466 | |
| No. 5 (CoB) | Hal Mueller | N3YX | n3yx@arrl.net | 206-297-9574 | |
| Logo Committee | Dan N7QHC & Dawn Humphrey | KC7YYB | n7qhc@arrl.net | 206-243-0163 | |
| Webmasters | Jim Etwiler | KD7BAT, Dave Smith | KB7PSN | kd7bat@arrl.net | 206-633-1512 |
| VE Testing | Scott Robinson | AG7T | sgr@nwlink.com | 425-788-0162 | |

Mike & Key Online -- Several club resources are available electronically:

On the Web — The Club's site at 'www.mikeandkey.org' includes extensive information about Club activities and events, such as: VE testing, membership, past editions of the *Relay* and more.

Reflector — The Club's public message board offers an easy and free way to converse with club members.

To sign up, surf to: <http://groups.yahoo.com/mkarc>.

E-Relay — Want the newsletter in color and a day or two before the print edition arrives by regular mail?

You will also save the club some money in printing and postage costs. To sign up, send a message to the editor: kg7ku@arrl.net.

August Program

by Jack Grimmett, N7IHS

The program for August will be on Amateur Radio relationship to local lighthouses. Tim Kane (K7ANE) will give the presentation and will include programs we might want to participate in.

Sights and Sounds by Sonrise

by Dawn Humphrey, KC7YYB

Well folks, when summer finally arrived, it skipped spring and came on like gangbusters. Whew!! Too bad the club will not be enjoying this weather with a picnic this year. In the past we really have enjoyed the fun and fellowship of time of ragchewing, food, trading war stories, etc. Maybe there will be someone other than the usual event minded members, who will step up and volunteer to host this enjoyable event next year.

But, if not, maybe it is time for this tradition to go by the way of other outlived customs. Then maybe somewhere down the road in time, there'll be a new group of fun-loving hams who think the idea of a club picnic is something we could get behind and pull off. Only time will tell, because it seems this particular crop of past volunteers have just burned out.

Those of you who remember one of our members who was a fixture at our wagonwheel cookouts at field-day, the annual picnic, and outside keeping the fleamarket volunteers well nourished just celebrated their combination retirement and 30th wedding anniversary a couple of weekends ago.

It was quite a shindig, well attended with whole chickens cooked with a potato in their necks and then seated down on a half can of beer which steamed it in the "Big Unit" until it was beautifully well done. Of course there were all of the usual accompaniments of salads, deserts.

The pre-dinner homemade summer sausage and another homemade meat, [both smoked in the little unit, by our host] and the usual snack items beforehand only served to set up our appetites to anticipate those chickens. Yumm!

There was even a cross between croquet and miniture golf game with plenty of hazards played to the applause and chuckles of onlookers. Only our host could be expected to come up with out of the ordinary type fun games to keep those not interested in just soaking up the rays and gabbing busy until it was time to eat. But by the time everyone but the youngsters

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had finished off the birds and the rest of the sumptuous fare, not a soul was feeling up to anything but vegging in good company.

A well stuffed feeling presided over all. They really know how to throw a party!!!

Enjoy these waning days of summer, and be thinking about if and who will want to head up a Christmas party. If you are new to the Club, check with our activities chairman Jack Grimmett to get the low-down on how to put it on.

Remember if YOU don't help to make things happen, we will soon become a pretty boring club, and we will lose members, who came to us expecting to learn something, have fun doing stuff, contributing to the growth of our Amateur Radio Hobby as well as being helpful in times of natural disaster or community service events such as Seafair, Diabetes Walk, bicycle events, etc.

73 -- Dawn

Mike&Key General Meeting Minutes

Meeting held 07-19-2008

Meeting was called to order at 1000 hours

Pledge of Allegiance.

Announcements:

The Mike & Key ARC is affiliated with the ARRL, which members are encouraged to join; Everyone, including visitors, should sign the rosters; Visitors are reminded not to vote on membership matters; If you wish to go outside during the break, the Salvation Army requests that we do so on the West side of the building. This is a small room, and if you have conversations that must be carried out, please carry them out to the other room.

Members and guest introductions.

Quorum present.

Is there a motion to approve the minutes of the previous meeting as printed in the *K7LED Relay*? Steve KD7IQL makes the motion and Scott AG7T seconds.

Officer Reports:

President – Dick WA7NIW: Scott AG7T and Dave KB7PSN have volunteered to be on the audit committee. Audit will be conducted prior to next month's meeting.

Vice President – Tim K7ANE: No applications for membership this month.

Secretary – Ivy WA7IVY: Correspondence from Radio Club of Tacoma's upcoming Hamfest on Aug. 9th.

Treasurer – Carolyn WV7Q: The club's books are in order. If you have Field Day expenses, please turn them in to Carolyn as soon as possible (there is a time limit – sixty days).

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Genl Mtg Minutes -- [Continued from Page 3]

Activity Manager – Jack N7IHS: Program today is a general overview of Field Day.

Chairman of the Board – Hal N3YX: not present.

Radio Officer – Paul N7DOH: New repeater has been shipped and should be here next week.

Relay Editor – Gary KG7KU: not present. The paper copy of the calendar shows the wrong date for the next board meeting.

Webmaster – Jim KD7BAT: nothing to report.

Standing Committee Reports:

Strategic Planning – Robert KD7WNV: nothing to report.

Facilities and Publicity –: Jeff KE7FRJ: nothing to report.

Jeff mentioned that Pat Carle (N7GVK) became a silent key; memorial service on Aug 2nd in Seattle.

Education and Training –: Hal N3YX: Tim K7ANE reported that we had the orientation class for the Technician class last night, the class still has some room if you know of someone who is interested. Another book has been donated to the library, Practical Antenna Handbook (4th Edition) by Ken Roger AD7II.

Public Service – Frank NA7O: Robert KD7WNV reports the Public Service committee meeting will take place after this meeting.

Technical and Special Interest – Steve KD7IQL: With the new repeater, help will be needed in getting it ready, and the membership is invited to help out. See Steve for more information

Other Committees (as appropriate)

VE Exams -- Scott AG7T: 19 people tested, 7 passed the technician exam, 6 passed the general exam, 5 passed the extra exam.

Field Day -- Steve KD7IQL / Brendan KD7IKV: The score is roughly 12,658. We are down from last year.

Old Business: There was no old business.

Dawn KC7YYB states that there are a few vests available for sale.

Alligator Award – Dean N7NKN. No new awardee this month.

New Business –

Victor ZumBrunnen WB7TBR memorial on July 24th at Normandy Park. Dick has more information.

Good of the Order –

Little John WA7HQG needs some assistance in relocating his antenna on August 2nd.

Fred N7PZ mentioned that Frank Vyborny KF7TX is in a new assisted living facility (the address is in June's relay) and would really appreciate if folks would come out and visit him.

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Mike mentioned we won First place, 7th Area Multi-Single Low-Power for the 2008 7th Call Area QSO Party. Hopefully more people will want to participate in this next year.

The Mike & Key Board next meets on the August 6th, at El Charro in SeaTac.

The next Mike & Key General Membership meeting is August 16th.

Little John WA7HQG made a motion for the meeting to adjourn. The motion was passed. Meeting adjourned 10:32.

8 guests; 47 members

Attested: Ivy Nelson-Groves WA7IVY – Secretary

Mike&Key Board Meeting Minutes

Meeting held 08-06-2008

Officers present:

President – Dick Radford (WA7NIW)

Vice President – Tim Kane (K7ANE)

Secretary – Ivy Nelson-Groves (WA7IVY)

Treasurer – Carolyn Pasquier (WV7Q)

Activity Manager – Jack Grimmitt (N7IHS)

Radio Officer – Paul Roth (N7DOH)

Trustees present:

No. 1 – Frank Tate (NA7O)

No. 2 – Steve Cook (KD7IQL)

No. 3 – Jeff Stevens (KE7FRJ)

No. 4 – Robert Grinnell (KD7WNV)

No. 5 – Hal Mueller (N3YX)

Visitors in attendance: Loras Gassmann; Meredith Radford; Lindsey Pasquier; Adrian Roth (KB7BVL).

Chairman Hal (N3YX) called the meeting to order at 19:01 p.m.

Minutes: A motion to approve the minutes of the previous board meeting was made by Ivy (WA7IVY) and seconded by Steve (KD7IQL). Motion passed.

Officer Reports:

Chairman of the Board – Hal (N3YX): nothing to report.

President – Dick (WA7NIW): nothing to report other than he will not be at the next board meeting.

Vice President – Tim (K7ANE): two member applications: Choice Dalton (KD7JQB); Mindi Mattson (KE7ANG). Both were approved by the board.

Secretary – Ivy (WA7IVY): nothing to report. Mail delivered to Treasurer.

Treasurer – Carolyn (WV7Q): The Club's books are in good order. Gave Balance Sheet summary. Audit of the flea market records will be before the August

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Board Meeting Minutes -- [Continued from Page 4]

meeting; Sam will chair this. It was brought to Carolyn's attention that changes in the tax law may require our filing of a new form (990-N). Our legal counsel (KG7MX) has determined that we do not need to file this form.

Activity Manager – Jack (N7IHS): Amateur Radio Lighthouse Society, and a little about IOTA. Future months have not been finalized yet. Hal asked if there was any interest in doing any contests as a club. Discussion about contesting as a club activity. If anyone has any ideas, please send them by email to the Jack or the board. We will discuss this further on this at the next board meeting.

Radio Officer – Paul (N7DOH): Repeater and other hardware have arrived. It is ready to install but we don't have a work party date set yet. There are another few items that Paul needs to get, but anticipates staying with budget. Mention was made of the 72 hour power outage at Tiger Mountain (PSE outage); there will be some temporary outage for our repeater.

Editor Reports:

Relay Editor – Gary (KG7KU): not present.

Webmaster – Jim (KD7BAT): not present.

Standing Committee Reports:

Strategic Planning – Robert (KD7WNV): Jack introduced Robert to Michael (KD7MX) to discuss his project.

Facilities and Publicity – Jeff (KE7FRJ): Submitted a written report to the board with list of locations of the club assets. Jeff could use some help with some aspects of the inventory. Jeff will be making a functional check of the radios at the Salvation Army at the next general meeting.

Education and Training – Hal (N3YX): Tim reported that the 3 day Tech course last weekend, 12 attended, 10 passed. Tim wants to do something nice for the family of 6 who took the course, and asked that the club give them some coax cable. Jack will donate the coax. The club hasn't been paid for last October's class.

Public Service – Frank (NA7O): Robert had a note that he needed some public service help, but we haven't heard if he got it.

Technical and Special Interest – Steve (KD7IQL): Working on getting some work parties going. Nothing planned at this point.

Special Committee and Project Reports:

Field Day -- Steve (KD7IQL)/ Brendan (KD7IKV): Gave a wrap up report at last meeting. We submitted our total scores to the ARRL. We missed some bonus points, but we did better than we thought. Radio Club of Tacoma newsletter had something about us. Steve will go down there to straighten this out at one of their future meetings.

Bylaws Review – Jack (N7IHS): nothing to report.

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Old Business - no old business

New Business –

Frank (NA7O) mentioned that we don't have adequate tire chocks for our equipment and tower trailers. Frank would like to have \$150 added to next year's budget for purchase. Steve (KD7IQL) will be looking for the people to call for the wagon wheel reservation this year. We will need to make reservations for the Monday before field day (9 months prior) and will announce at an upcoming meeting. There is a rumor.

Paul (N7DOH) mentioned that our current link frequency is changing. The frequency we are giving up is allocated for half a repeater pair. Paul wanted to have us coordinated to a new link frequency, and we would no longer have the capability of running a 440 repeater. We are not interested in running a 440 repeater, so this is fine.

Good of the Order-Nothing for the Good of the Order.

There being no further business, Frank (NA7O) moved for adjournment. Motion Passed and Chairman Hal (N3YX) closed the meeting at 20:43 pm.

Attested: Ivy Nelson-Groves (WA7IVY) – Secretary

Celebrate our August members--

As of August 2008, these folks have been Mike & Key members for the number of years stated. Congratulations to all of you, and thanks for your participation and service.

Each of you makes us who we are.

| | | |
|------------------------|--------|----------|
| Don Rembaugh | WA7KKB | 34 Years |
| Michelle Cross | WB7AYU | 33 Years |
| Rick Antes | KF7VG | 19 Years |
| Al Hopwood | KB7THX | 15 Years |
| Chuck Jones | N7BV | 12 Years |
| Chris Antes | KC7YES | 11 Years |
| John Walenceus | KC7WOX | 11 Years |
| Ilona Kellison-Bullard | KD7MVA | 10 Years |
| Paul Bullard | KD7MVB | 10 Years |
| Barry Wolborsky | KC7YB | 9 Years |
| Kimberly Wolborsky | KC7FYD | 9 Years |
| Steven Cook | KD7IQL | 8 Years |
| Jennifer Pasquier | | 7 Years |
| Richard Pasquier | N7MER | 7 Years |
| Jim Aigner | N7MU | 3 Years |
| Paul Gilmore | N7DIP | 3 Years |
| Kenneth Roger | AD7II | 3 Years |



Your Chance to Help

by Terry Dettman, WX7S

Amateur Radio is fun, interesting, and loaded with opportunities to contribute to your community. ARES is a great way to get involved in emergency services, but it's easy to grow complacent because emergencies don't happen very often. Drills are fine, but there's nothing like the real thing. What if you could get REAL practice more often doing something absolutely critical where lives are at stake? Would you step up and jump in? If so, then I've got a deal for you!

We have a group of Amateur Radio operators, technician class or better, who support local search & rescue by providing communication services. Every time there's a call out, we're there. The beauty of the Communications group for some of our operators is that it's a job you can do even if you're disabled because you never need to leave your house.

Sound too good to be true? Well it's not. Because much of our group is older, we've recently been hit with medical problems, people moving out of the area on retirement, and more. I need to replace the people who've left by people who want to be part of the only real game in town week-after-week.

Why you should step up to help out

The communications group supports ESAR (Explorer Search and Rescue). This is an explorer scout unit that sends teams out when people are lost or injured and puts searchers or rescuers on the ground. These are excited, dedicated kids and adult leaders who put their time and money into this public service.

When a call goes out for assistance, 15-25 people usually respond whether it's a search for a missing Alzheimer's patient in town, an injured hiker in the woods, or a skier caught by an avalanche. Every one of these are missions we've done in the last two years. Before that call goes out to the members though, it first comes from the King County SAR Deputy to the duty Operation Leader (OL). He passes it on to the COMM

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operator who handles getting the word out while the OL and responders get on the road and get to the search base. Without the COMM operator, response would slow to a crawl.



Photo 1 -- ESAR members on a mission.

This is essential work and can mean life or death if not handled well. During one mission two years ago, a missing Alzheimer's patient from Redmond was found in a ditch near Woodinville, injured and hypothermic. If we hadn't found him and gotten him immediate medical treatment, he would surely have died.

Most any time you read in the papers about a search or rescue operation, ESAR was there and a COMM operator was supporting them from his or her home. ESAR also participates in crime scene investigations, providing the manpower that you see on the news combing the fields for clues.

The most famous such effort was the search for clues in the Green River Killing investigation.

The COMM operator provides direct support for the OL on each mission. The COMM operator is the in-town person handling things that the OL could do, but which would distract them from the mission. Some of the things we've done include:

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ESAR--Your Chance To Help...*[Cont'd from Pg6]*

- Paging members to get people to respond
- Paging status updates
- Shifting the repeater into and out of mission mode
- Contacting the in-town Sheriff's office for information
- Contacting the hospital where a subject was taken to determine current status
- Contacting people to line up rides for searchers without cars
- Locating duty responders

In short, just about anything that will let the OL focus on the mission and not worry about the incidentals, that's the job of the ESAR COMM operator.



Photo 2 -- Rescuers on a mission

How you can qualify

So how can you qualify? Do you need to be in shape? Do you need field experience? The answer is that the requirements are actually minimal:

- A Technician or better Amateur Radio license
- Completion of introductory courses ICS-100 & ICS-700, both of which are free and done completely online
- Acceptance as an adult member of ESAR which will involve a simple background check by King County Sheriff

It doesn't matter if you're in a wheelchair, restricted to your home, or the fittest radio operator in Seattle. If you can use the radio and the telephone, you can do this job.

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Photo 3 -- The ESAR Communications Van

What equipment you need to do the job

The absolute minimum to do the job is a telephone. However, while everything can be done through the telephone at need, it's not a very good way to work. You should have:

- The ability to operate the 511 repeater system, both to talk on it and to control it using touch-tones through your VHF radio
- The ability to send pages to Metrocall through the internet
- Local maps covering King County, both in town and out of town

Other things that will help include:

- A scanner so you can monitor police SAR frequencies
- A handheld capable of operating on SAR frequencies
- A high speed internet connection so you can access online mapping

So how do I sign up?

If I haven't killed your interest by this point, then give me a call. You can reach me by phone at 425-941-0618 or by email at terry@wx7s.com. We need your help, I hope you'll take the time and join us.

Ham Nets & Events for 2008 -- AUGUST / SEPTEMBER

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---|--|--|--|--|--|--|
| 10 2000 -- King Co. ARES 147.08 (Weekly) 2200 -- NW Astronomy Net 145.33 (Weekly) | 11 0545 & 1645 -- Weather Net 145.33 (M-F) 1730 -- Puget Sound Traffic Sys. 146.82 (Daily) 1900 -- Seattle ACS 146.90 (Weekly) | 12 2000 -- Snohomish Co. RACES 146.92 (Weekly) | 13 2000 -- General Tech Info 145.33 (Weekly) 2100 -- NWSOAR Net 146.82 (Weekly) | 14 1900 -- M&K Public Service Net 146.82 (Weekly) 2000 -- Computer & Packet Net 145.33 (Weekly) | 15 2000 -- Youth Net 145.33 (Weekly) | 16 1000 -- M&K Club Meeting, Renton 1300 -- Ham Radio Exams, Renton 2000 -- Amateur TV Net 147.08 (Weekly) <u>Public Service--</u> -Shoreline Parade |
| 17 1915 -- Kids Net Net 145.49 (Weekly) 2030 -- Snohomish Co. ARES 146.92 (Weekly) | 18 1800 -- WA Emerg. HF 3.985 (Weekly) 1830 -- WA ARES 3.985 (Weekly) 1930 -- PSRG 146.96 (Weekly) | 19 | 20 | 21 | 22 | 23 0900 -- WA ARES HF Net 3.985 (Weekly) |
| 24 | 25 2000 -- YL Net 145.33 (Weekly) | 26 | 27 | 28 | 29 | 30 |
| 31 | 01 SEPTMBER Labor Day | 02 | 03 Mike and Key Board Meeting 7:00 PM | 04 | 05 | 06 |
| 07 | 08 | 09 | 10 | 11 | 12 | 13 <u>Public Service--</u> -Mukitleo Lighthouse Festival Parade -MS150 Bike Tour (13th & 14th) |