

JUNEAU AMATEUR RADIO CLUB NEWSLETTER

January-February 2018

KL7JRC

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An affiliated club of the American Radio Relay League
www.jarcjuneau.com



Destiny Sargeant, KL4FQ, President
Rick Pearson, KL7PHB, Vice-President
Scott Novak, KL3JM, Treasurer
Ernie Mueller, KL2UH, Secretary
Jeff Deaner, KL7JVD, Past President
David Bruce, WL7BKA, Membership Chair
Howard Shepherd, AL7L, Jeff Deaner,
KL7JVD VHF Co-Chairs

The Juneau Amateur Radio Club meets at 7:00 P.M. the first Wednesday of each month at the National Weather Service Juneau Forecast Office, 8500 Mendenhall Loop Road in Juneau. There is also an informal lunch meeting every Wednesday at noon in the dining area of the Juneau Safeway, 3033 Vintage Boulevard.

The Juneau Amateur Radio Club has a fully equipped HF and VHF amateur radio station located in the Juneau Forecast Office. Club members wishing to operate this station must complete a briefing and comply with NWS visitor rules and JARC operating requirements. For further information email the Club or contact any Club officer.

The Next Meeting of the Juneau Amateur Radio Club Will be Wednesday, March 7, 2018, 7:00 P.M. National Weather Service Forecast Office 8500 Mendenhall Loop Road

JARC Holds Annual Banquet and Meeting: The 2018 Annual Banquet and Membership Meeting was held January 13, 2018 at St. Brendan's Episcopal Church. Chef Sam Smith oversaw the preparation of a fine roast beef dinner with all the fixings. Thanks to all those who helped set up the room, brought side dishes, drinks and desserts, and helped clean up.

The Nominating Committee reported and nominated the following members as Club Officers for the year:



- President, Destiny Sargeant, KL4FQ
- Vice-President, Rick Pearson, KL7PHB
- Secretary, Ernie Mueller, KL2UH
- Treasurer, Scott Novak, KL3JM

Special thanks to Pat Moore, who chaired the Nominating Committee. And to Sam Smith for all of his hard work organizing the dinner, cooking the food and supervising the setup and clean up, as well as arranging use of the Church.

Chef Sam Smith serves the roast beef.



A licensing examination session was held as one of the Annual Meeting events. All five taking the Amateur Extra examination passed: Rick Pearson, John Barnett, Destiny Sargeant, Ivan Hazelton and Martha Palicka. Congratulations to these operators for reaching the highest level of Amateur Radio licensing.

Newly elected JARC President Destiny Sargeant presides over the annual meeting.

Winter Amateur Extra License course ends successfully: Five students successfully participated in the Amateur Extra License course under the leadership of Pat Moore, AL7L assisted by Jeff Deaner, KL7JVD.



Amateur Extra Radio Class. From left to right: Jeff Deaner, Dick Farnell, Ivan Hazelton, Martha Palicka, John Barnett, Destiny Sargeant, Pat Moore.

Thanks to Pat Moore and Jeff Deaner for organizing and teaching this course.



Pat Moore makes a point during the Amateur Extra License course.

Hawaii Ballistic Missile Attack Warning. Saturday January 13 found your editor enjoying breakfast with the members of the Kauai Amateur Radio Club at Kalipaki Joe's restaurant in Lihue, Hawaii. At least five cell phones, including mine, let out a loud wail and a message appeared stating:



The message also was received through the KARC linked repeater system, to which at least five hand held radios (including mine) were tuned. There was no follow up indicating what to do. Some of the people in the shopping center sought shelter in the heavy concrete in its center, but none of the hams at the breakfast were concerned. After about thirty seconds, their consensus was that either North Korea had hacked into the Hawaii Emergency Management alert system or someone had pushed the wrong button. Everyone there (but me) were aware of the existence of the cell phone emergency alert system and how to disable this feature of their cell

phones. Several other hams heading to the breakfast meeting called in and said that they were tied up in traffic and would not be there. Apparently there was a traffic accident that blocked traffic on the two lane highway through Kapaa to Lihue at about the same time, which added to the panic. About 38 minutes after the first message a new message went out cancelling the Emergency Alert. Interesting wording, Careful reading indicates that the threat of a ballistic missile was inbound, not the missile itself. And, of course, it was correct in that it was not a drill, but an error.

The following message from ARRL was forwarded by Scott Novak:

ARRL Hudson Division Director Mike Lisenco, N2YBB, [testified](#) Thursday (January 25) before a session of the Senate Committee on Commerce, Science and Transportation regarding Amateur [Radio](#)'s readiness to respond in an emergency. The session, "This is not a Drill: An Examination of Emergency Alert Systems," was called in the wake of an incoming missile warning erroneously released in Hawaii earlier this month. Lisenco said Amateur Radio played a role not only in responding to the warning but in disseminating word that the missile alert had been issued by mistake.

Lisenco said the Hawaii Radio Amateur Civil Emergency Service (RACES) activated on UHF and via a VHF inter-island repeater network, and amateur stations monitored the alert and cancellation activity, which came less than 1 day after RACES had completed an Amateur Radio communication exercise at the State Emergency Operations Center (EOC). In his written testimony, Lisenco recounted that the situation after the missile warning in Hawaii was chaotic.

"The phone lines into the State EOC were soon overwhelmed and congested, and the website was overwhelmed with public inquiries," he said. Lisenco said that in such situations, Amateur Radio volunteers typically are present at state or county EOCs and at the State Warning Point, the Hawaii Emergency [Management](#) Agency. He pointed out that the cancellation of the false warning circulated on various information outlets 13 minutes after the missile warning went out.

"That was picked up and relayed through the Amateur Radio networks," he told the Committee in written testimony. "The cellphone alert system could not be used for the cancellation notice until prior FEMA approval was obtained. Once that was obtained, the cancellation alert went out to the cellphone network after 38 minutes from the initial alert."

"Many people had received the warning first on their [cell phones](#) through the Wireless Emergency Alert (WEA) system, but a cancellation on that same system was substantially delayed," Lisenco said.

“The result was that Amateur Radio networks disseminated validated cancellation information long before the cellular networks were able to do so.”

Lisenco took the opportunity to address how private land-use regulations can preclude Amateur Radio disaster response capabilities.

“There is no substitute for the ready availability of a residential Amateur [Radio station](#) in daily operation from a licensee’s residence,” he said. “The licensee cannot be expected to have the ability to communicate into or from a disaster site unless he or she has a station with an effective outdoor antenna capable of operation on multiple frequency bands at once, which is ready to be pressed into service from the licensee’s residence at a moment’s notice.”

Lisenco reminded the panel members that the Amateur Radio Parity Act of 2017 is now pending before the Committee. “[Senate Bill 1534] is a balanced, completely bipartisan bill that would fully protect both the entitlement of Amateur Radio volunteers to...provide emergency, disaster relief and public service communications, while...protecting the aesthetic concerns and the jurisdiction of homeowners’ associations,” Lisenco said in his written remarks, noting that the bill is unopposed. “We are in desperate need of this legislation, and without it, the volunteer emergency communications services provided by Amateur Radio will be precluded. We urge the Committee in the strongest terms to please approve and send this legislation forward without delay,” Lisenco said.

Mississippi Senator Roger Wicker, a co-sponsor with Connecticut Senator Richard Blumenthal, of the Amateur Radio Parity Act, attended the hearing. Responding to a question from Wicker at the hearing, Lisenco pointed out that an early US [Coast Guard](#) warning cancellation notice was relayed to Amateur Radio networks and disseminated quickly, while the State Warning Point waited to obtain FEMA authorization to rescind the warning via cellular phones. As a result, Amateur Radio networks were able to disseminate validated cancellation information long before the cellular networks were able to do so. Wicker issued a [statement](#) noting Lisenco’s testimony and posted a video clip of his exchange with Lisenco.

South Dakota Senator John Thune, who chairs the Senate Committee on Commerce, Science, and Transportation, convened the hearing, called to “examine policy concerns surrounding the use and effectiveness of Emergency Alert Systems including Wireless Emergency Alerts, as well as recent system failures, including but not limited to the mistaken missile alert in Hawaii.”

JARC Members can order Club name badges direct from the manufacturer: If you missed the initial order of Juneau Amateur Radio Club name badges you can order them direct from the manufacturer, “Rick the Sign Man.” Call toll free 877-744-6626. Or see his web site at <https://thesignman.com>.

Northern Southeast FM Network Repeater status:

Mount Roberts (146.820-)	Operating but apparent intermodulation causes high pitched noise.	100 Hz sub audible tone
Lena Point (147.000-)	Operating Normally	100 Hz sub audible tone
Pederson Hill (147.300+)	Operating Normally	100 Hz sub audible tone
Hoonah Mountain (146.700-)	Not Operating	Equipment removed

		(plans for repair in progress)
Haines Repeater (147.060+)	Not Operating	Needs minor repairs
Skagway Crossband 444.060+/147.060+		Equipment removed

Repeaters Connected to Yukon Amateur Radio Association Network

Chilly Ridge	146.940 (-0.6)	100 Hz sub audible tone
Eaglecrest	147.360 (+0.6)	100 Hz sub audible tone

Juneau Private IRLP Repeaters:

KL2ZZ	147.120 (+0.6)	123 Hz sub audible tone
WA6AXO	444.700 (+5.0)	141.3 Hz sub audible tone
WA6AXO	146.880 (-0.6)	100 Hz sub audible tone
KLØTN	147.420 simplex	100 Hz sub audible tone

HF Nets of interest to Alaska Ham Radio Operators:

Name	Website	Frequency	Days/times
Alaska Pacific Net	http://alaskapacificnet.org/	14.292 MHz USB	M-F 8:30 AM Alaska
Alaska Snipers net	http://snipersnet.kl7.net/	3.920 MHz LSB	Daily 6:30 PM Alaska
Alaska Bush Net		7.093 MHz LSB	Daily 8:00 PM Alaska
		3.920 MHz LSB	Daily 8:15 PM Alaska
Motley Net		3.933 MHz LSB	Daily 9:00 PM Alaska