



K7EAR



April 2011

EAARS open repeaters. PL is 141.3 unless noted otherwise

Helio 146.860 and 440.700 EAARS Network, 146.900, 447.825 w/ closed remote PL 100.0 or 141.3. Packet 145.010 **MT. Lemmon** 147.160 EAARS Network **Pinal Peak** 145.41 EAARS Network **Guthrie Peak** 147.28 EAARS Network **South Mountain, Alpine** 145.27 EAARS Network **Greens Peak** 146.70 Eaars Network **Jacks Peak, NM** 145.21 EAARS Network **Mule MTN** 147.08 EAARS Network
GMRS Repeater on Helio 462.625 PL 123.0
Website [HTTP://WWW.EAARS.COM](http://www.eaars.com)

Next Meeting

May 16th at Search and Rescue in Thatcher, AZ

Repeaters

Mule Mtn is up and running. 147.08 with the 141.3 PL if you go down highway 80 through rodeo give it a try also I10 Benson to Texas Canyon, and Bisbee.

EAARS Net

Control operators for the EAARS Net

KE7EDP Rick April 3rd and May 1st

Pink K7ILA April 10th and May 8th

Richard N7DZH April 17th and May 15th

Wendell W7WGW April 24 and May 22nd

Grace KB7CSE May 29th

7QP Contest

It's getting closer Saturday May 7th 6 AM to midnight. We need operators, setup people the day before and tear down people for about 5 hours the day after.

from ARRL Web

Got GPS? Maybe Not For Long!

04/08/2011

By Stan Horzepa, WA1LOU
Contributing Editor

This week, your Surfin' conductor wears a worry-wart about losing a reliable friend.

GPS (Global Positioning System) has become an integral part of ham radio, as well as our culture. In the good old days, GPS was a stand-alone unit that we carried in our backpacks and purses, or mounted on our dashboards. My first GPS was a Garmin portable dash-mountable unit that I used for APRS (Automatic Packet Reporting System) hiking and mobiling. Like me, lots of hams became acquainted with GPS via the APRS route.

Today, GPS is built right into our ham radios, as well as our portable phones, vehicles and just about everything else. GPS is no longer limited to use by techies; "everyone" is using GPS and everyone has a huge investment in the technology.

So along comes something that may wreck havoc on our trusty friend, the GPS. [A new nationwide broadband wireless network has received the "okay" from the FCC to begin building a sys-](#)

2011 Officers

President Lon Whitmer K7LON
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Secretary/ Treasurer Larry Griggs N5BG

Net Control Operator

Helio Site Trustee Joe Montierth K7JEM
Technical Adviser Milt Jensen N5IA
Newsletter Editor Dave Wells N7AM

Club Address

EAARS
P.O. Box 398
Solomon, AZ 85551

Nets

EAARS Net; Sunday Night 7 PM general check ins
Smart Net; Monday evening 7:30 to 8:30 Technical discussion
Weather Net Daily 5:30 AM collect local weather information
MERC Net Second Saturday at 8:45 AM Emergency communications group
Saguaro NTS Traffic Net Every evening at 6:30 PM

Email Addresses

Email all Officers at once

Newsletter Editor

To get your own email at EAARS.com contact Larry, N5BG

EAARSOFFICERS at EAARS.COM

NEWSLETTER at EAARS.COM

nationwide broadband wireless network has received the “okay” from the FCC to begin building a system that will use the airwaves next to those used for GPS.

GPS manufacturers believe that strong signals from this new system could jam GPS and make it next to useless for navigation. A fix could cost billions and no one has figured out who will be responsible for paying for that fix. Meanwhile, the FCC claims that it will block the implementation of the new network unless there are assurances that it will not interfere with GPS.

Since the FCC has already let the horse out of the barn, I am not getting warm fuzzies that all will end well. So stayed tuned!

I have read about this potential threat all over the Internet.

from ARNEWSLINE

RADIO LAW: CO-SPONSOR OF HR-607 MEETS WITH MISSOURI HAMS

U.S. Representative Billy Long of Missouri has assured ham radio operators that he will keep them informed about a bill that contains a provision to sell a band of frequencies that they use heavily for emergency service work. Bill Pasternak, WA6ITF, is in our Newsroom with more: -- According to an article in the Springfield News Leader newspaper, Representative Long made the statement after a meeting with a group of Missouri radio amateurs from his home district. Billy Long is a co-sponsor of H.R. 607. This is a measure introduced by New York Representative Peter King who is the chairman of the Committee on Homeland Security. As previously reported, the bill is intended to unite the communications capabilities of first responders by reallocating certain frequencies in the 700 MHz band specifically for their use. But another part of the bill would sell off 420 to 440 MHz to the highest bidder. This, to make up for lost revenue in the give away of the 70 MHz spectrum for interoperable, first response radio use. Long says that right now, the bill is in its initial stages and that meetings like this is one with the ham radio community of many ways to address any concerns. Long promised that he will continue to listen to ensure that we are not cutting any vital emergency services and not adversely affecting ham radio operators. Rod Kittleman, K0ADI is the ARRL's Information Officer in Southwestern Missouri. He was present at the meeting and is quoted by the newspaper as saying that he believes that Long is trying to do the right thing. K0ADI went on to say that he believes that Representative Long understood where the ham radio community was coming from and that he reassured us he will do everything he can to keep the ham radio community informed. But at the same time, he did not guarantee that spectrum would not be taken away. For the Amateur Radio Newsline, I'm Bill Pasternak, WA6ITF, in the Newsroom in Los Angeles. -- The bottom line. If nothing else this meeting between Representative Billy Long and the Missouri ham community has made one of the bill's co sponsors aware of the negative impact that selling off 420 to 450 MHz would have on overall emergency communications during a time of public need. (Springfield.com, others)

PROPAGATION: SOLAR RADIO STORM COULD MEAN IMPROVED PROPAGATION

Some good news for hams awaiting the return of decent propagation. Spaceweather reported on March 28th that a large number of emerging sunspots has kicked off what it termed as days-long radio storm on the sun. According to the on-line newsletter, VHF receivers on Earth were picking up loud bursts that sound like waves crashing on a beach. Spaceweather says that this ongoing event continues a recent trend of increasing activity as Solar Cycle 24 heats up. Then over the weekend of April 2nd and 3rd a solar wind stream hit that Earth's magnetic field over the weekend of sent a wave of deep sky auroras over northern tier of the United States. According to Spaceweather dot com, the Northern Lights were pale-white to the naked eye, but digital cameras revealed spectacular colors and luminous shapes above Wisconsin, Michigan, Minnesota, and elsewhere. Meantime, on the ground some hams on 6 meters and above heard or made contact with distant stations not usually heard on these bands. You can easily tell a contact made via aurora propagation by its raspy C-W note or gargely voice sound. For images and audio go to www.spaceweather.com. (Spaceweather)

ENFORCEMENT TECHNOLOGY: TRACER SOFTWARE LEADS TO RECOVERY OF STOLEN COMPUTERS

Los Angeles, California Police say that they have tracked down three people whom they allege to have stolen nine computers from the Open Charter Magnet School in the Westchester area. This thanks to a new form of security software installed on the machines. According to police, the computers were stolen between March 9 and 10 at the campus on 77th Street in the city of Westchester. The suspects were unaware that the computers were equipped with the security software. As soon as one of the machines was turned on and connected to the Internet, it monitored and recorded the location via GPS. It also took photographs of the user and then sent this information off to authorities. Detectives from the Los Angeles Police Department tracked down one of the suspects on March 12th. A further investigation led them to two others. So far, four of the stolen computers have been recovered. (Published news reports)

COMMUNICATIONS ON THE WWW: FCC LAUNCHES NEW WEBSITE IN BETA TEST The Federal Communications Commission has launched a complete overhaul of the agency's web site. In making the announcement the regulatory agency says that the new design will improve and simplify the FCC website experience for consumers, government, public safety agencies and the business community. The Commission says that its new web site design was shaped by public feedback and sharpened through an ongoing conversation with users over the past several months. It also represents the Commission's first overhaul of its main web site in more than a decade. You can try it for yourself at beta.fcc.gov. (FCC)

[em that will use the airwaves next to those used for GPS.](#)