



EASTERN ARIZONA AMATEUR RADIO SOCIETY



EST. 1974

INC.

Club Address:

EAARS
P.O. Box 398
Solomon, AZ 85551

<http://www.eaars.com>

January 2013

Repeaters Status

The 146.700, Greens Peak, repeater is currently out of service.

The Greens Peak area experienced a power outage the week before Christmas, and the repeater did not come back up after power was restored. Speculation is that the power-supply has crowbarred and needs to be reset.

Currently access to the mountain is limited to Sno-Cat machines. Operation will be restored once access is arranged.

EchoLink and IRLP Added to the EAARS Network!

If you have been monitoring the network for the last few weeks, you have no doubt noticed a lot more chatter than normal. Welcome to the new IRLP and EchoLink enabled EAARS Network!

For a number of months **IRLP node 7787** and **EchoLink node 614350** have been operational on the 146.900, Heliograph Pk, repeater. Now, thanks to Joe, *K7JEM*, who has designed and built a new repeater controller with many new capabilities, it is possible for authorized control operators to move the IRLP/EchoLink nodes between the 146.900 repeater and the network as needed.

See page two for more information and operating instructions for using the new nodes.

Annual Elections Meeting

The January club meeting, which includes the annual officer elections *and* membership drawing, will be held on **January 15**, at the China Taste Restaurant in Safford, at 6:30pm.

The **China Taste Restaurant** is located at **1391 W. Thatcher Blvd. in Safford**. This is in the Best Western Hotel parking lot at the SE corner of 14th Ave and Thatcher Blvd.

EAARS OPEN REPEATERS

PL IS 141.3 UNLESS NOTED OTHERWISE

HELIOGRAPH PEAK:

146.860, 440.700 LINKED

146.900 ECHOLINK AND IRLP

145.010 PACKET

447.825 WITH CLOSED REMOTE BASE

PL 100.0 OR 141.3

MT. LEMMON:

147.160 LINKED

PINAL PEAK:

145.410 LINKED

GUTHRIE PEAK:

147.280 LINKED

SOUTH MT AT ALPINE:

145.270 LINKED

GREENS PEAK:

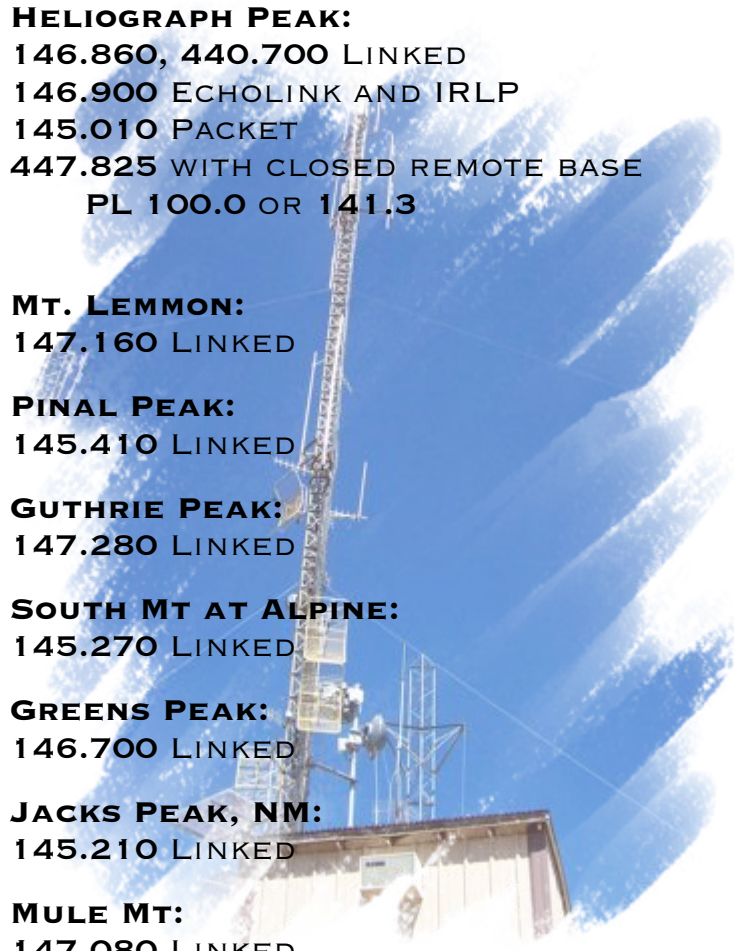
146.700 LINKED

JACKS PEAK, NM:

145.210 LINKED

MULE MT:

147.080 LINKED



QuickStart guide to IRLP and EchoLink on the EAARS Network

IRLP Node 7787
EchoLink Node 614350

IRLP stands for **I**nternet **R**adio **L**inking **P**roject. IRLP differs from **EchoLink** mainly in that IRLP is only connected to radio systems. Whereas EchoLink can be connected to Computers and some cellphones with proper applications. Both utilize VOIP aka Voice Over Internet Protocol.

Here is a quick start guide on how to utilize the IRLP or EchoLink system.

1. First tune your radio to one of the repeaters on the EAARS network. Listen for a bit to assure it is not already in use. **Identify yourself** and proceed:
2. Key your microphone and send DTMF (touchtone) node address of the IRLP or EchoLink node you wish to connect to. After that you will hear a voice come back on repeater stating that you are connected to such and such node. **NOTE:** all echolink nodes must be prefixed by a # on keypad. IRLP just key the node number.
3. Complete your **QSO** with the distant node. Upon completion key in 73 on your keypad to disconnect. No need for a # before 73 on EchoLink. Very **SIMPLE**.
4. Remember you are connecting to a distant node via the internet. There is some delay involved, suggest keying microphone, pause a second or so, then talk. Do this on each transmission, and you probably won't be cutoff on your first words.

2012 Officers and Staff

eaarsofficers@eaars.com to email all officers.

President

Dave Wells
N7AM

Technical Adviser

Milt Jensen
N5IA

Vice President

Quentin Kavanaugh
N7QK

Newsletter Editor

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KY7K

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Joe Montierth
K7JEM

Net Control Operators

Rick KE7EDP

Grace KB7CSE

Pink K7ILA

Jon W1JTS

Richard N7DZH

Bob KD7LMV

5. For more detailed information on both IRLP and EchoLink go to their respective web sites. IRLP: www.irlp.net and EchoLink: www.echolink.org
6. Currently the node is on the network and can be used from any of the linked repeaters. If necessary, a control operator can move the IRLP and EchoLink nodes between the 146.900 standalone repeater on Heliograph and the network.
7. Enjoy the system and be courteous. Will publish more info as needed, and as we learn more about the system. 73 for now. EAARS....

The master copy of this document can be found on the club website at <http://www.eaars.org/irlpandecholink.pdf>

Ham License Testing

There are four monthly VE test sessions in the **Tucson Area.**

Lighthouse YMCA: First Thursday

Contact Matt, *AC7IL*, matthew@grossman.com

OVARC: First Saturday

Contact Randy, *KF0X*, randy@w0hf.com

RST/ Laurel (No Fee): Second Monday

Contact Diane, *AA3OF*,

dzimmerman2002@gmail.com

Jacobs Park YMCA: Third Saturday

Contact Fred, *K7OFA*, k7ofa@arrl.net

Graham / Greenlee County Area

For VE testing on request, please contact Dave, *N7AM*, and he will arrange it.

Technician License Class - Tucson

Every Tuesday, 6:30 - 9:00pm at TMC.

Contact Dan, *KC7VDA* for info. kc7vda@gmail.com

Coming Events

Near and Far...

- **Day in the Park (Tucson): Jan 5**
<http://rstdayinthepark.weebly.com/index.html>
- **North American QP - CW: Jan 12**
<http://www.ncjweb.com/naqprules.php>
- **EAARS Club Meeting: Jan 15**
Officer elections and membership drawing.
- **North American QP - SSB: Jan 19**
<http://www.ncjweb.com/naqprules.php>

JANUARY

sun	mon	tue	wed	thu	fri	sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2



Are you a ARRL member?

Did you know that EAARS is an ARRL affiliated club?

Did you know that you can join or renew your ARRL membership through the club and the club will retain part of your ARRL membership fee? Yes, the club gets \$15 for each new ARRL member and \$2 for each renewal.

The club also gets many more benefits for ARRL affiliation such as free mailing lists of all Hams in the club area and referrals on new Hams, club liability insurance, equipment insurance and many more benefits.

Please consider joining ARRL!

Send Event and Calendar
additions to
newsletter@eaars.com

Graffiti

newsletter@eaars.com

(This page contains items that are the opinion of the author ONLY. They do not reflect the views of EAARS or the officers of EAARS. If you have something to ponder, please submit them.)

Ramblings and other Stuff...

Well that whole End of the World/Maya Calendar thing sure turned out to be a big flop. Can't wait to get my Doomsday QSL card, hope you made some contacts with the Doomsday special event stations that were out there, or got to play in the Zombie Shuffle QRP contest. No offense to the QRO folks, but QRPer's do have more fun!

Speaking of Doomsday and QRP... I decided to spend the big day atop Wasson Pk, W7A/PE-052, on the Westside of Tucson. Wasson Pk is the highest point in the Tucson Mountains, and I figured it would be a great place to watch



Trail down from Wasson Pk

Trailhead is at the buildings in the distance.



**Mt Lemmon from the summit of
Wasson Pk**

the chaos and destruction, or atleast get in a new SOTA summit activation.

The views of Tucson from the summit were spectacular, even if the chaos never materialized... However, the propagation did seem a bit odd as I was able to work Jim, *K3JFD* and Dan, *W7DDM* on the summit of Bluff Spings Mt, W7A/PN-053, near Weavers Needle in the Superstition Mts on both 2m and 20m. The 2m contact was between HTs with rubber duck antennas, the 20m contacts were at 10W SSB. Total path was approximately 81 miles. I don't care who you are, thats fun stuff there!

I hope everyone had a wonderful Christmas with friends and family.

I also hope everyone has a fun and **safe** New Years, may 2013 be the best yet!

Steve - KY7K

Get OUT and play radio!