



K7EAR



June 2009

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 **Jacks Peak, NM** 145.21 EAARS Network

GMRS Repeater on Helio 462.625 PL 123.0

Field Day

We are going to do a small, low level Field day this year. Elevation is about 3300 ft. The location will be Cluff Pond south of Pima. We are planning on a 2A entry so we can get all the bonus points. If somebody wants to do any of the bonus point things or just operate we welcome you. The plan is for one phone station and one digital/ cw station with the main effort on the phone station. Come on out and join the fun! We are not trying to set records just have fun. Beth, AA7NW and Dave N7AM are the ones in charge, let one of us know if you'd like to participate and how you would like to participate. There are things that anybody can do including just experiencing HF operation. The dates are June 27th and 28th.. The plan at this point is to set up 1 beam and rotor on the bus mast, a ground mounted vertical, and a dipole. James W1EYE is going to do a VHF station. If someone wants to do a GOTA station we'll add some antenna's but, NO large tower raising or anything, this is for fun. A GOTA station is a good way to introduce scouts or other young people to ham radio.

Directions

From highway 70 in Pima, AZ Head south on S Main St toward E 400 S for 1.1 mi S Main St turns right and becomes W 1200 S for 0.5 mi Turn left at S Cluff Ranch Rd for 5.3 mi follow the signs to pond #3

Remember, field day is an emergency preparedness type drill. A good opportunity to learn how to set up the bus and handle traffic in an emergency. We could use a couple people to do the traffic handling one at the site and one off site. This used to be Oliver, W7AFC's job.

Next Meeting

The next EAARS meeting will be at the search and rescue building in Thatcher on July 21st.
Eat at 6:30 pm meeting at 7 pm.

2009 Officers

President Lon Whitmer K7LON
Vice President Quentin Kavanaugh N7QK
Secretary/ Treasurer Larry Griggs N5BG
Net Control Operator James Reid W1EYE
Helio Site Trustee Joe Montierth K7JEM
Technical Adviser Milt Jensen N5IA
Newsletter Editor Dave Wells N7AM

Email Addresses

Email all Officers at once
Newsletter Editor

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

OFFICERS@EAARS.COM

NEWSLETTER@EAARS.COM

A STATEWIDE (ARIZONA) CONTEST CLUB IS NOW FORMING!

NAME: Arizona Outlaws Contest Club (AOCC)

(A Radiosport Association of Big Guns, Little Pistols and Cap Guns)

FOUNDERS and 2009-10 Board of Directors: Veteran contesters AB7E, K7WP, K8IA, KC7V and N7RQ

PURPOSE: To provide a full-featured, focused contest club, throughout the state of Arizona, for contesters of any level; further the exchange of information and cooperation between members; to promote radio knowledge, camaraderie, and individual operating efficiency; and to conduct club programs and activities with a focus on contesting. Contesting of all disciplines will be supported including DX, Domestic, VHF/UHF, etc.

MEMBERSHIP: AOCC will have open membership to all those wanting to contest and will provide opportunities for involvement, training, and recruitment of young hams as well as activities of interest to experienced contesters. No one will be turned away from AOCC, and new and would-be contesters will be encouraged to join.

DUES: To be determined, based on expenses. Likely in the \$5-\$10 range annually, at most.

WHAT WE PLAN:

- 1. Regular meetings, rotated throughout the state. (Regional VP's planned)**
- 2. ARRL Club Affiliation. In fact, we are working on that now and have already informed our SW Division Director, fellow contester Dick Norton N6AA, of our intentions.**

3. Informative programs and guest speakers with a focus on contesting.
4. A forum to exchange contest knowledge, along with on-the-air events.
5. A full-featured club website and email reflector.
6. Club Callsign (N7AT club name will change to Arizona Outlaws Contest Club) available for any member or group of members on a pre-arrangement basis with the Trustee.
7. Attempts will be made to organize multi-op efforts for prospective members without other access to a good station, or for prospective members who want to learn from more seasoned members.

WHAT IS HAPPENING NOW: A Constitution is being drafted and ARRL Club Affiliation paperwork is being prepared. It is our intention to be fully up and running by the Fall 2009 Contest Season.

HOW TO JOIN: An email to aocc@cox.net or to bobk8ia@aol.com will get you on board with membership. Include your Call, Name, Address and whether or not you are an ARRL Member. We strongly encourage ARRL membership, as they require at least 51% of our members to be ARRL members before Affiliation can become possible.

LOOKING FORWARD TO HEARING FROM YOU!

73, Board of Directors, Arizona Outlaws Contest Club,

John Arthurs K7WP

Bob Epstein K8IA

Sandy Farley N7RQ

Mike Fulcher KC7V

Dave Gilbert AB7E

From Amateur Radio Newsline

HAM RADIO IN SPACE: AO-51 TO BE DUAL FIELD DAY REPEATER

AMSAT says that the Oscar 51 ham radio satellite will be configured for Field Day. The bird will have dual FM repeaters with one operating on 1268.700 and 435.150 with the other on 145.920 and 435.300 MHz. No PL tone is required. Please note that the 435.150 downlink is left hand circular polarized, and the 435.300 transmitter is right hand circular polarized. This configuration will be available for the week preceding Field Day, through the Field Day weekend. That's June 22nd to the 28th. (ANS) **

EMERGING TECHNOLOGY:

BEER WASTEWATER CONVERTED TO ELECTRICITY

From the Newsline science page word than an innovative joint project between Australia's University of Queensland and Foster's Brewing to turn beer wastewater into electricity has won a \$140,000 grant. This, from the Queensland Government's Sustainable Energy Innovation Fund. A research fellow explained that the new technology worked by creating a microbial fuel cell, which feeds continuously on the organic materials found in the brewery wastewater, turning it into electrical power. The process also produces clean water and renewable non-polluting carbon dioxide. The team from the University of Queensland Advanced Wastewater Management Center was one of six presented with the funding by Lindy Nelson-Carr who is the Minister for Environment. The presentation took place at Foster's Yatala brewery. One last thought. If successful, this project may eventually bring new meaning to the words going out for an 807. (Science Daily)

ON THE AIR: SPECIAL EGYPTIAN LIGHTHOUSE OPERATION

SU1SK, and several other Egyptian operators will be active as **SU8LH**. This as the first Egyptian Lighthouse DXpedition on Ras El-Bar Island from August 1st to the 9th. Look for **SU8LH** to participate in the special International Lighthouse-Lightship Week event during this operation with activity on the High Frequency bands, as well as 6 meters using SSB and CW. QSL via **SU1SK**. (Southgate)

THAT FINAL ITEM: DIGITAL DELIVERY TO REPLACE FILM

And finally this week, get ready for a new communications experience. That of three dimensional digital movies coming to a big screen near you. Amateur Radio Newsline's Fred Vobbe, **W8H DU**, has the details: -- Five Hollywood studios have agreed to help pay for a part of the estimated \$1 billion cost to introduce digital theater projection technology on about 20,000 movie screens in North America. The rollout across the United States and Canada, covering about half of all screens in the two nations will cost of about \$70,000 per theater screen. Adding digital equipment is the critical first step in the technological upgrade to being able to show 3-D movies. According to The Walt Disney Company, more than twenty 3-D films are set to hit theaters through 2010, but only 873 locations in the U.S. and Canada, with a total 1,264 three dimensional projection systems, are currently available to show them.

From The section managers newsletter. EAARS is considering participating in the Arizona QSO Party.

ARIZONA QSO PARTY

Announcing the 2009 Arizona QSO Party, sponsored by the ARRL Arizona Section and Catalina Radio Club, from Oct 10 1600Z to Oct 11 0400Z and Oct 11 1400Z to Oct 11 2359Z. Phone, CW and Digital modes on 80/40/20/15/10/6/2 meters. Single-Op, Multi-Op, and Mobile categories. Work stations once per band and mode. Mobiles may be worked once per band and

nal score is total QSO points times total multipliers. Mail logs no later than Oct 31 to Catalina Radio Club, C/O Gary Keck, PO Box 18135, Tucson, AZ 85731 or via email to logs@azqsoparty.org For full rules, along with log an summary sheets, Cabrillo electronic file format, and Award information, see <http://www.azqsoparty.org>



IN A RARE BURST OF CREATIVITY, JIMMY SPAMS THE NEWSGROUPS
WITH A QUESTION THAT HAS NEVER BEFORE BEEN ASKED.