



STARES E-letter

Shasta Tehama
Amateur Radio Emergency Service

August 2010

Volume 3, Number 8

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Emcomm Links

[California ARES](#)

EMMCOMM.ORG

Local Ham Radio Clubs

[Amateur Radio Club of Anderson](#)

SWAP, SELL, BUY SECTION

Check the [end of our newsletter](#) each month.

STARES is on Facebook!

Simply go to www.facebook.com and search for Shasta Tehama Amateur Radio Emergency Service. Members are encouraged to post news and events for our local ARES. This is just another mode of outreach to fellow hams who may be interested in our readiness activities.

Message from Emergency Coordinator

The month of July has been rather quiet on the incident level, which is a good thing. However, a lot of training is going on. The August meeting will be devoted to Radio Direction Finding, aka, fox hunting, orienteering etc. Along with what Al addressed, look up the plans for making a directional tape measure antenna, it is on the web site or will be sent to the group as an email. I plan on bringing the makings for one antenna.

A heads up for the September meeting, the program will be about APRS and GPS, Al Pena and a guest instructor will put on the program.

Sometime before the September meeting, we will have a drill dealing with jamming on one of our repeaters. We will call out ARES members and the hunt will start a few minutes later.

Prior to the Burney parade on the third of July, I came upon a single vehicle accident on Highway 89. I was able to call in the accident via the 35 repeater to Jim McKeown, WA6IO who in turn notified the authorities. I would like to thank Jim for his rapid and professional response. On my way back to the trailer at the Rancheria RV Park, after the parade, traffic on Highway 89 was blocked due to a mobile home that was on fire. Two buildings burned to the ground. Strange day indeed.

[Inter Mountain Amateur Radio Club](#)

[Western Amateur Radio Repeater & Echolink Association](#)

[STARES E-Letter Archives](#)

[STARES Website](#)

<http://www.st-ares.org/>

[Contact STARES Emergency Coordinator](#)

wo6p@arrl.net

Some IMARC and ARES folks put a couple of repeaters on Haney Mountain. One is on frequency: 147.240, + pl of 107.2 (KI6YJR), the other is: 442.100 + pl 103.5 (KJ6PD). John Rodman, WB6YZF, Sam Holder, K6SJH, Chuck Sardock, KN6FM, Kurt Taylor, KJ6PD, Carl Seguin, KJ6C, and Chuck Woodrum, N6CPW gathered together to make this happen. John requests that folks use these repeaters and let him know how they are working out for you [a full report and photos are in this newsletter].

73's

Richard V. Cloyd, WO6P

Burney Basin Days Parade - July 3, 2010

The STARES Comm Trailer was entered into the Burney Basin Days Parade on July 3, 2010.



STARES Meeting - August 9, 2010

Radio Direction Finding

Al Pena KQ6YW reports that the August STARES meeting will consist of three parts, basic techniques, simple directional antennas and attenuators used in RF direction finding. This will not be a technical discussion it will be a general discussion indented to orient those who are interested in the techniques used to find hidden transmitters.

Members are encouraged to bring in their hand held VHF radios, the most basic technique requires no more than a receiver that can monitor the frequency in question, Those with a little more interest and who are willing to make homebrew devices, will be offered instructions on building directional antennas and simple signal attenuators.

One thing Al adds is that hidden transmitter hunting is FUN! Although it may have a serious side it is a fun activity. Hidden transmitters in parks or around town can be a challenging and is considered by some to be a sport and therefore competitive.

If you search Google for transmitter hunting, fox hunting, RDFing, you will find lots of great information on the subject.

Be sure to invite friends as visitors are welcome!

Corp Fundraiser September 11/12, 2010

VOLUNTEERS NEEDED

Al Pena KQ6YW states the Corporation will hold a fundraiser at the 2010 Palo Cedro Honey Bee Festival in Palo Cedro. The plan is to do food sales, so volunteers are needed.

Here is the link to photos from last year's event which had 7,000 visitors:

<http://www.palocedrohoneybeefestival.com/>

GIS Day - November 17, 2010

The GIS (Geographic Information System) Day is held each year in the third week of November, on the Wednesday during Geography Awareness Week, a geographic literacy initiative sponsored by the National Geographic Society. There may be an opportunity for STARES to participate through a local GIS group so we need some ideas and volunteers for hands on projects suitable for grades 5-8. This could be any project that utilizes GIS mapping and ham radio. Please email ideas to kg6zce@yahoo.com

As more details on location, date, and equipment (projector, Wi-Fi, etc.) are available, we'll let you know.

For more information on GIS Day, visit this site:

<http://www.gisday.com/>

For more information on GIS, visit this site:

<http://www.gis.com/content/what-gis>

Comm Trailer Equipment Update

Al Pena KQ6YW advised that the Tehama County Hospital Preparedness Program (HPP) grant equipment has been delivered:

Tarheel, model 100A antenna

1 Honda EU2000i generator

2 Dell Inspiron laptops

3 Yaesu VHF Handheld Radios and accessories

1 KPC3Plus TNC

1 Byonics Micro-Trak RTG APRS Tracker

IMARC Report

From John Rodman WB6YZF: We took two repeaters up to the Haney Mt. IMARC club vault and put them in operation. The two meter machine is working

and seems to be performing well although we are evaluating receiver sensitivity. Please use it and let us know what you think. It is on 147.240 with a plus offset and a pl of 107.2 Hz. It uses the IMARC Club call of KI6YJR. The UHF repeater started up normally but later in the day it malfunctioned and was disabled until it can be looked at. We think it is a heat related problem and should be up again soon. It is on 442.100 with a positive offset and a pl of 103.5 Hz. It has Kurt Taylor's call sign of KJ6PD on the ID'er.

I wish to thank all those who have supported the effort to get these repeaters on the air and in particular the following individuals: Sam Holder K6SJH, Chuck Sardoch KN6FM, Kurt Taylor KJ6PD, Carl Sequin KJ6C and Chuck Woodrum N6CPW.



2 meter Motorola MSF 5000



KJ6PD's home brew UHF repeater



IMARC Tower



KN6FM



A job well done.

Section News

Current Section News can be found at the ARRL Sacramento Valley Section (SV) web page: <http://www2.arrl.org/sections/SV.html>

Third Wednesday Client Net

The next client net is August 18, 2010. Anyone is welcome to check in at 11 a.m. (HF) on 3.987 and/or 11:10 a.m. (VHF) on 145.350 (pl 107.2). Packet operators can check in anytime to W6STA-1.

NCS will encourage newly licensed hams to check in.

STARES Monday Night Net Control Operators

Thank you volunteers!

July - Mac McCulley W6MAC

August - Yvonne Keefauver KJ6FOD

September - Gary Sanda KI6OMU

Third Wednesday Net Control Operators:

Thank you volunteers!

Dick Cloyd WO6P

STARES Meetings & Nets

Meeting:

The second Monday of each month

Time: 7 pm

Location: 3644 Avtech Parkway,
Redding, CA 96002

Talk-In: 145.150 pl 107.2

Nets: Mondays, (HF 3.987-7:45pm)

(VHF 145.150 pl 107.2-8pm)

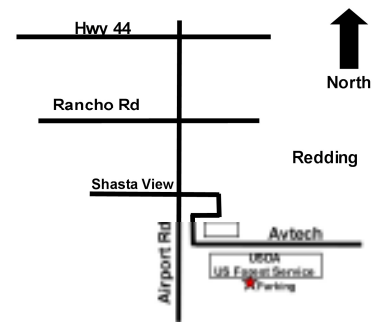
Packet:

144.950 address check ins to

NCS6XX on the W6STA-1 pbbs.

145.050 address check ins to

NCS6XX on the N6SCC-1 pbbs



Newsletter Contact

If you have information you'd like included in our newsletter, please contact Elaine Grossman KG6ZCE at kg6zce@yahoo.com

SWAP, SELL, BUY SECTION - NEW LISTINGS ARE IN GREEN TEXT

Email Elaine Grossman KG6ZCE at kg6zce@yahoo.com if you have items you want listed in this section. Please include contact information in your e-mail and the text you want pasted into the newsletter. I will continue to list the items until you ask that they be removed. Thank you.

Kantronics 3 plus for packet; call 244-6456 (Mac McCulley W6MAC)

Three towers for sale. Each tower is triangular, each tower is made of three sections, each is telescoping and each is made of heavy duty galvanized steel. The telescoping feature includes the standard gear driven telescoping mechanism.

1. Tower one is brand new and still in its crated shipping container. The triangular base section is built on a 22" leg equilateral triangle and is 20' high. The other two sections fit within the base section. The tower is extendable to approximately 60'.

2. Tower two is assembled and bolted to a concrete foundation. The concrete section is approximately 5'x5'x4' and is available with the tower. The tower is on a 24" leg equilateral triangle and the base section is 25'. The tower is telescoping with two other sections fitting within the first section so the approximate extension is 75' tall. Several antennas are fitted to the tower and are available with the tower.

3. Tower three is similar to tower two except each section is 16' tall. There is one antenna on the tower and the antenna is available with the tower.

Each tower is available separately or all three towers are available as a package.

The towers are located in Redding, California.

The weight and load factors may require a crane and a flatbed for dismantling and transportation.

Contact: Greg Rill, KI6WBG
530-410-7123

