

The SCIRA Mission

To provide a linked amateur radio repeater network for the Emergency Response Communications (ERC) of The Church of Jesus Christ of Latter-day Saints from Fresno to San Diego.

LINKS (click)

[SCIRA Website](#)

QR Code for Website



Questions?

If you want access to the ERC Google Group send an email with your Name, Call Sign and Unit Name to:

ki6wkg@gmail.com

How to donate?

[Visit scirainc.org](http://www.scirainc.org) and click on [Join](#)



SCIRA happenings & highlights.

This is the official newsletter for SCIRA members.

What does QRV mean in amateur radio?

Are you ready? I am ready.

Happy New Year!

Change for QRV: At the last meeting it was decided that the QRV newsletter would change to a quarterly distribution instead of bi-monthly.

The annual ERC held is returning this year in August 2024, stay tuned for details.

Snow Peak repeater linking is being worked on and hopefully resolved soon.

SCIRA is looking at adding VARA capabilities to several repeater sites for faster email over radio connections!

this issue

News & Updates **P.1**

In Memoriam N7YLA **P.2**

Repeaters & More **P.3**

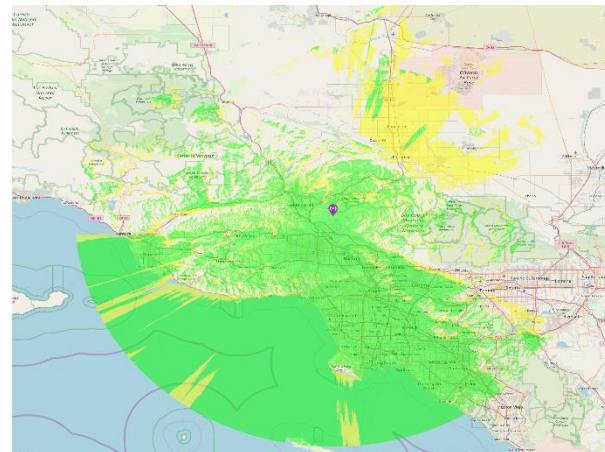
Upcoming Events & Getting Connected **P.4**

Tips & Trivia **P.5**

Which repeater should I use?

On the SCIRA website there are coverage maps for each repeater to help you determine which one is best for your area.

Below is the Contract Point coverage map



Member Antennas

What kind of antenna are you using?

Do you make your own antennas?

If you would like to share your antenna(s), please send a picture(s), your name and call sign, type of antenna and any other information about it to huntercf88@gmail.com

IN MEMORIAM

Mark Hayden, N7YLA-sk passed away Thursday evening August 17, 2023.

His wife of over 50 years Carolyn, KG6RFJ and son Matt were at his beside in Washington state.

He is survived by another son, one daughter and several grandchildren.

Please send Carolyn a note, or a sympathy card. I know she would be lifted up hearing from fellow ham radio operators.

Carolyn and Mark checked in on the GERC net on Thursday every week after they moved to Washington via Echolink. They wanted to stay in contact with fellow hams they knew and loved. They participated in many activities over the years: Radio class for earning the ham radio license VE, testing, emergency preparedness seminars.

Mark served as the Emergency Radio Communications specialist for the Glendora Stake (G.E.R.C.), of The Church of Jesus Christ of Latter-Day Saints. Formed and started G.E.R.C. in 2005-2006. Mark was a founding board member and filed for a 501 (c) (3) tax exempt status for Southern California Intermountain Repeater Association (SCIRA, Inc. cub callsign W6CTR) October 13, 2007, <http://www.scirainc.org/> Both of these organizations are still very active and will provide emergency communications via ham radio during emergencies.

Over a 10 year period Mark helped teach Boy Scout so could earn the Radio Merit Badge. Over this period of time over 400 scouts received their radio Merit Badge, about 7 went on to earn their ham radio license. As his Eagle Scout project, one young man had fund raising activities. With the money earned, he provided his School District with F.R.S. (Family Radio Service) radios to be used for communications during a major emergency when all other forms of communications were not working. He instructed all the adults on how to use the radios.

Mark was a teacher by profession. He also helped and instructed (known as an Elmer by hams) many new hams after they received their license - even as I did when I received my license after attending one of his classes..... I asked "know what ?"

Carolyn Hayden, KG6RFJ

2283 California Avenue East

Port Orchard, WA. 98366-8207

Many thanks to Greg, KI6GIG for preparing the Silent Key (sk) card, which is attached.



73 to my good friend Mark,

Jim Dowdle KG6TQT

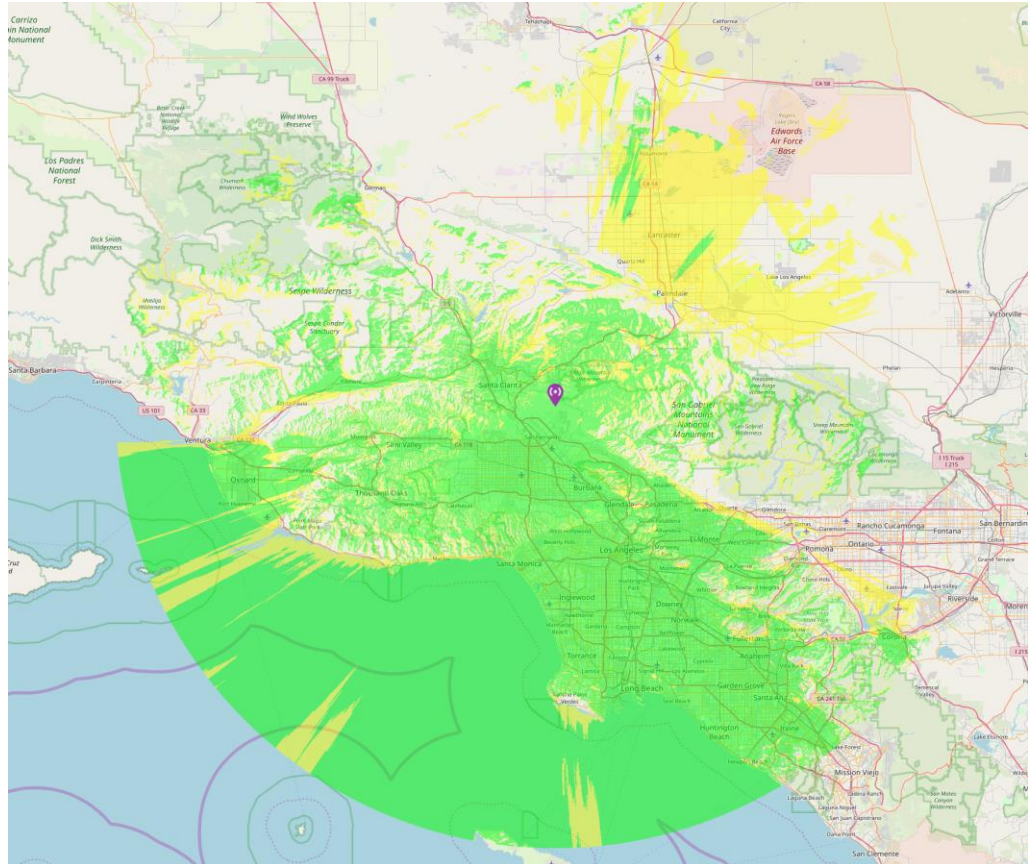
**Note: some parts were modified for timeline purposes

Repeaters & More!

Contract Point Repeater Coverage Map.

The green areas show the strongest signals for the repeater, the yellow shows coverage but not as strong.

The repeater sits atop Contract Point which is above Sylmar, CA at an elevation of 3500 feet. As you can see from the map the repeater mainly faces the west.



What is a Crossband Repeater?

A repeater where an amateur licensee transmits on one band, usually UHF and the repeater retransmits on VHF. They are usually utilized for temporary use, i.e. camping and backpacking. Some transceivers have this capability built into them, for instance the Icom 2730A has crossband repeater capabilities. One of the advantages of crossband repeater setup is to extend the range of your HT by having it connect to a more powerful mobile transceiver in an area that doesn't have access to a permanent installation.

Can SCIRA repeaters be used for regular nets?

No, repeaters can be used for practice but should not be used for weekly nets.



Upcoming Events & Getting Connected

Upcoming Events

- 2024 ARRL Field Day ~ June 22-23
- ERC Conference ~ August TBA
- Shakeout Exercise ~ October 19th
- NVIS 80 Meter Net ~ 3.882 Mhz
Every Thursday Night 8:00 pm

Net Control Operators

| SUNDAY | CALL SIGN | NAME |
|--------|---------------------------|------------------|
| 4-Feb | AF6NV | Wayne Jolley |
| 11-Feb | KM6KLT | Marcus Piquet |
| 18-Feb | KD6VAD | Chief Whittemore |
| 25-Feb | WB6TT | Tom Thomas |
| 3-Mar | KM6KHT | Clint Hunter |
| 10-Mar | KI6WKG | Steve Lang |
| 17-Mar | KJ6FWA | Darrin Dalton |
| 24-Mar | AF6NV | Wayne Jolley |
| 31-Mar | KM6KLT | Marcus Piquet |
| 2-Apr | General Conference | |
| 9-Apr | KD6VAD | Chief Whittemore |
| 16-Apr | WB6TT | Tom Thomas |
| 23-Apr | KM6KHT | Clint Hunter |
| 30-Apr | KI6WKG | Steve Lang |

- Board of Directors
- Stephen Lang – KI6WKG
President
- Tom Thomas – WB6TT
Vice President
- Clint Hunter – KM6KHT
Secretary
- Marcus R. Piquet – KM6KLT
Treasurer
- Curtis Chubbuck – KJ6ZEY
Membership Chair
- Jared Case – KD6YPD
Repeater Chair
- Carol Bruegge – KE6SRN
Computer Web Specialist

SCIRA linked repeaters

| Location | Alt (ft) | Freq (MHz) | PL (linked) | PL (unlinked) |
|------------------------------|----------|-------------|-------------|---------------|
| Pleasants Peak | 3,886 | 445.940 (-) | 151.4 | 100 |
| Jobs Peak, Crestline | 5,350 | 146.910 (-) | 151.4 | 67 |
| Ord Mountain | 4,485 | 146.910 (-) | 162.2 | |
| Snow Peak, Banning | 8,000 | 445.160 (-) | 67 | 97.4 |
| Palomar Mountain | 5,582 | 445.940 (-) | 136.5 | 100 |
| Contractors Point, Sylmar | 3,500 | 445.160 (-) | 151.4 | 100 |
| Eagle Tower, Running Springs | 6,300 | 445.700 (-) | 151.4 | 100 |
| Fresno | | 145.250 (-) | 141.3 | |
| Santa Ynez Peak | 4,860 | 445.940 (-) | 131.8 | 100 |

Echolink is running on

W6CTR-R Node 379885

Allstar node number is 48383

Scira, Inc. Digipeaters

Winlink Gateway Stations: Frequency 144.970 Mhz

VARA 145.070 Mhz

| D/Call | Owner | Location |
|-----------|--------------|-------------------------|
| WB6TT-10 | Tom Thomas | Corona, CA |
| W6CTR-10 | BCS | Ontario, CA |
| N6NNW-10 | Dale Hanks | Rancho Palos Verdes, CA |
| KE6VZZ-10 | Ken Fawson | Fountain Valley, CA |
| KD6YPD-10 | Jared Case | Ontario, CA |
| KM6KHT-10 | Clint Hunter | Fontana, CA |

| ID | Label | Location |
|--------|-----------------|-----------------|
| ETDIGI | Eagle Tower | Running Springs |
| FVDIGI | Fountain Valley | Fountain Valley |
| LADIGI | L.A. | Palos Verdes |
| SPDIGI | Banning | Snow Peak |

[Scira Repeater Page Link](#)



Links

[SCIRA Calendar](#)

Ham Radio

Answers to last issue's trivia.

1. Both on International Space Station
2. Best Regards
3. Joe Walsh of the Eagles, WB6ACU



Trivia:

1. What is a QSL card?
2. What is the funny explanation of what HAM stands for?
3. Where is the largest radio antenna in the world?
4. Which King was a ham radio operator and what was his call sign?



imgflip.com

JAKE-CLARK.TUMBLR

This Issue's Q&A and Radio Tips

Do you have a question?
Please send it to the email below and it might be answered in the next newsletter
Huntercf88@gmail.com

Q: What is antenna polarization?

A. It is basically the direction of the electromagnetic fields produced by the antenna as energy radiates away from it. The type and orientation of the antenna determines the polarization. Some examples of linear polarizations are: vertical, horizontal or slant. There is also circular and elliptical polarizations. Some antennas can be dual polarized and are usually omnidirectional.

Tips: If you want a quick estimate of the frequency or wavelength in meters, divide 300 by either and it will be close to the other. For example $2.08 m = \frac{300}{144 Mhz}$; hence 144 Mhz is in the 2 meter band.

Don't forget all donations to SCIRA are tax deductible. Everything that SCIRA does is solely supported by your donations.