

## 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 (ctrl+click)

[SCIRA Website](#)

QR Code for Website



Questions?

ERC Google Group send an email to be added:

[ki6wkg@gmail.com](mailto:ki6wkg@gmail.com)

How to donate?

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



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## SCIRA happenings & highlights.

This is the inaugural issue of QRV News. The official newsletter for SCIRA members.

Since this is the inaugural issue it is being sent to current and past members as well as participants in the Sunday net. Future issues will only be sent to current members. What does QRV mean in amateur radio?

### **Are you ready? I am ready.**

## What does it take to get a repeater up and running?

First a suitable site needs to be secured. Many times a lease has to be arranged. Then frequencies have to be coordinated and approved. Equipment will then need to be ordered and set up at the site. Besides the repeater itself there are many other items that are required to get a repeater on the air. A good antenna, power and back up power, solar panels, batteries, allstar link, duplexer, and a few other nuts and bolts. Plus, the frequencies have to be approved through a frequency coordinator. There is definitely much more involved than connecting the antenna coax and plugging in the power. Besides purchasing the equipment, the repeater sites require monthly rents and we have to purchase insurance annually.

## Snow Peak Repeater Install 2022

On November 5<sup>th</sup> 2022 a new repeater was installed on Snow Peak



## 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](mailto:huntercf88@gmail.com)

Member Antennas:

Ed Fong J-Pole: KM6KHT



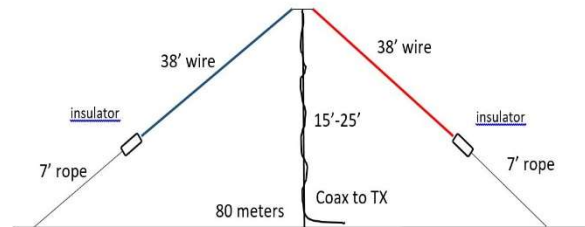
Cushcraft R8: KM6KHT



## Antenna Spotlight

### Near Vertical Incident Skywave (NVIS) Antennas

NVIS design for 80 m



NVIS antennas are for communicating on 40m or 80m out to about 300 miles (500 km). They are quite effective getting a signal out over a mountain top when a repeater isn't available.

The Thursday night net at 8:00 pm on frequency 3.882 Mhz (80 m band) is mainly for testing NVIS antenna designs and Emcomm practice. The net is open to all licensed amateurs who hold a general or above license.

Build your own:

List of parts:

1. Binding Post
2. 78 feet of wire
3. 2 Insulators
4. 16 feet of paracord
5. 15 to 25 foot mast (non-metal)
6. 40 feet coax
7. Wire winder



## Future Topics

We will continue to highlight antennas but do you want more information about a specific antenna or another ham radio topic?

If so, send your requests to the email on the left and we'll do our best to include them in the next issue.



# Repeaters & More!

Scira operates a linked repeater system Santa Ynez in Santa Barbara down to Palomar Mountain in San Diego. But did you know that Scira also operates other emergency communication stations?

Echolink is running on W6CTR-R Node 379885

Allstar node number is 48383

## 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

## Winlink Gateway Stations: Frequency 144.970 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

## Scira, Inc. Digipeaters

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

### Board of Directors

Stephen Lang – KI6WKG  
President

Tom Thomas – WB6TT  
Vice President

Clint Hunter – KM6KHT  
Secretary

Marcus R. Piquet – KM6KLT  
Treasurer

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Repeater Chair

Jim Gallacher – N6JLG  
Computer Web Specialist

Dale Hanks – N6NNW  
Member at Large

Wayne Jolley – AF6NV  
Member at Large

Craig Holmes – KF6ZAF  
Member at Large

[Scira Repeater Page Link](#)

## This Issue's Q&A Radio Tips

**Q: Why wait 3 seconds after keying the mic during the net?**

A: The repeaters are linked over the internet using Allstar nodes, it takes a few seconds for the network to key up all the repeaters to broadcast your transmission once the repeater receives your signal and the proper PL (CTCSS) code .

Do you have a question?

Please send it to the email below and it might be answered in the next newsletter

[Huntcrf88@gmail.com](mailto:Huntcrf88@gmail.com)





[Links](#)

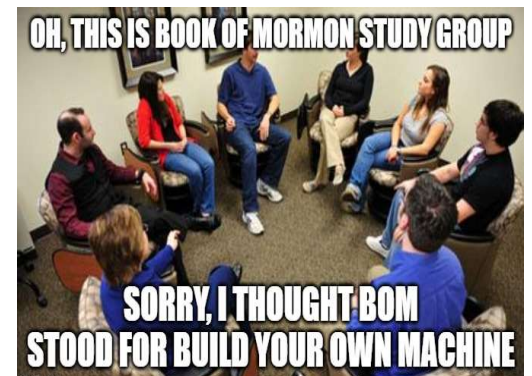
[SCIRA Calendar](#)

## Upcoming Events

- **March 15<sup>th</sup> ~ 6:30 pm – 7:30 pm**  
SCIRA Board & General Membership Zoom Meeting
- **April 2<sup>nd</sup> ~ General Conference**  
SoCal ERC Net will not be conducted.
- **May 17<sup>th</sup> ~ 6:30 pm – 7:30 pm**  
SCIRA Board Zoom Meeting
- **June 24<sup>th</sup> ~ 1800 UTC**  
Field Day
- **July 19<sup>th</sup> ~ 6:30 pm – 7:30 pm**  
SCIRA Board & General Membership Zoom Meeting
- **August ~ TBD**  
ERC Conference may be held in August
- **September 20<sup>th</sup> ~ 6:30 pm – 7:30 pm**  
SCIRA Board Zoom Meeting
- **October 1<sup>st</sup> ~ General Conference**  
SoCal ERC Net will not be conducted.
- **October TBD ~ Shakeout Exercise**  
May be local or regional, no other info at this time.
- **November 15<sup>th</sup> ~ 6:30 pm – 7:30 pm**  
SCIRA Annual General Meeting & Elections.

## Net Control Operators

SUNDAY	CALL SIGN	NAME
5-Mar	KM6KHT	Clint Hunter
12-Mar	KI6WKG	Steve Lang
19-Mar	KJ6FWA	Darrin Dalton
26-Mar	AF6NV	Wayne Jolley
2-Apr	<b>GENERAL CONFERENCE</b>	
9-Apr	KM6KLT	Marcus Piquet
16-Apr	KD6VAD	Chief Whittemore
23-Apr	KM6KHT	Clint Hunter
30-Apr	KI6WKG	Steve Lang
7-May	AF6NV	Marcus Piquet
14-May	<b>Mother's Day</b>	
21-May	KJ6FWA	Darrin Dalton
28-May	AF6NV	Marcus Piquet
4-Jun	KM6KLT	Wayne Jolley
11-Jun	KD6VAD	Chief Whittemore
18-Jun	<b>Father's Day</b>	
25-Jun	WB6TT	Tom Thomas



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