



# W6TRW Newsletter

July 2022



## What's Inside

- General Club Meeting
- News & Announcements
- Membership – 2022 Application
- Repeaters & Nets
- About Us

## Monthly General Club Meeting

**When: Tuesday, July 12th at 6:30 PM**

**Where: Virtual Meeting on Zoom**

Due to continued COVID-19 public health guidelines, the W6TRW Club Meetings will not be held in person. Instead, there will be a Virtual Meeting held on Zoom. Click on the link below on your computer, tablet, or smartphone.

<https://us02web.zoom.us/j/82794654895>

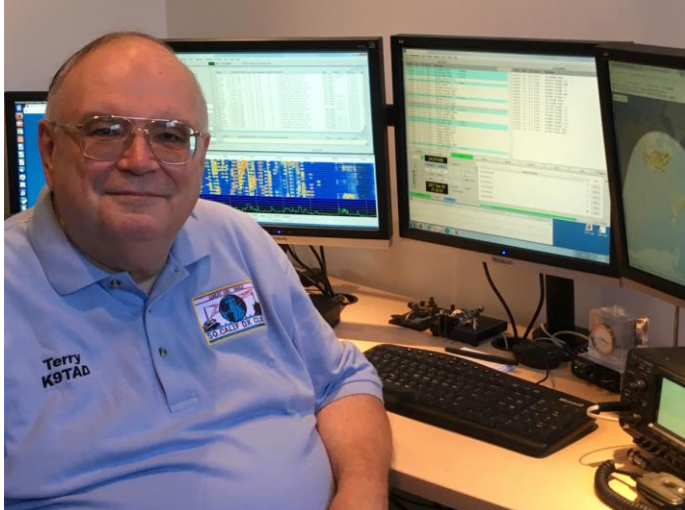
**Meeting ID: 827 9465 4895**

**Phone dial-in: 1 669 900 6833**

## Speaker Topic for This Month:

### “Sunspots: A Discussion for Radio Amateurs”

Terry Dennison, K9TAD



Terry Dennison K6TAD, will give the latest updates on sunspots and propagation! “Sunspots”: What they are, why they happen, why they are so hard to predict, and their effect on radio propagation.

Prospects for Cycle 25 and concerns that too much of a good thing might be bad.

#### Terry Dennison K6TAD

FCC Extra Class Amateur Radio License (2010)

First Licensed in 2007

American Radio Relay League (ARRL)

Volunteer Examiner (VE)

Southern California DX Club

Southern California Contest Club

PAPA System (Southern California FM/DMR/D-Star Repeater Club)

AMSAT (Radio Amateur Satellite Corporation)

G-QRP Club (UK Low-Power QRP Club)

WAC (Worked All Continents) - Completed

Have confirmed contacts from all six continents for WAC award plus Antarctica:

Antarctica, Africa, Asia, Australia, Europe, and North and South America

WAS (Worked All States) - Completed

Have confirmed contacts with all 50 US states,

WAS Mixed

20 meter Endorsement

WAS Digital

20 Meter Endorsement

DXCC (Worked 100 Countries and DX entities)

Have confirmed contacts with 126 Countries (and DX entities)

DXCC Mixed

DXCC Digital

# News and Announcements

Mike Hamada KF6UCN, is asking for a couple of ham volunteers for a fun event next weekend, July 15-17. Mike has been working this ALOHA FUN Event for about 20 years.

Need one Traffic Person Friday July 15! Afternoon!  
And some help Saturday July 16, Time 08:00 -17:00.  
Sunday July 17 TBD.

Contact info [KF6UCN@MSN.COM](mailto:KF6UCN@MSN.COM)

Mahalo,

Mike Hamada KF6UCN

The screenshot shows a web browser window with the address bar displaying <http://alohaworld.com/events/event/2180-alondra-park-hoolaulea>. The browser tabs include Outlook, Office, Skype, Bing images, Time Sheet - ERP Portal, Engineering Property System, Can't reach this page, AssetSmart, and Display Ass... The main content area features a large blue sidebar image of sea turtles swimming. The event title "Alondra Park Hoolaulea" is prominently displayed in red text, with a red arrow pointing to it from the right. Below the title is a "PRINT" button. The event details include the dates "From July 16, 2022 10:00 am until July 17, 2022 5:00 pm", the location "At Alondra Park", and categories "Festivals / Ho`olaule`a". It also shows "Hits: 411" and a "Rate:" section with five star icons. Social media sharing buttons for Facebook (J'aime 3), Partager, and Tweet are visible. A detailed event poster for "HO'OLAULE'A" is shown on the right, featuring a group of people in traditional attire and text about the festival's history and activities. The bottom of the page shows a partial URL: [alohaworld.com/events/location/280-alondra-park](http://alohaworld.com/events/location/280-alondra-park).

# News and Announcements

## W6TRW Repeaters Now Playing Newsline & ARRL News

New starting last month is a regularly scheduled rebroadcast of [Amateur Radio Newsline](#) ham radio news and the [ARRL weekly news](#) on the W6TRW repeaters on **Wednesdays and Sundays at 9:00pm Pacific time!** Newsline is a free service that produces a weekly report of important goings-on in the ham radio community and is a great way to stay in the loop on current ham radio topics.

Take a listen and let us know what you think!

-- Shackmaster, Dylon N6MX

---

## Membership

The W6TRW 2022 Membership Form is on our [Membership](#) page. Be sure to renew for the 2022 club year!

Each year, when you renew or join the W6TRW Amateur Radio Club, we will send out a physical membership card via regular mail, as confirmation that you are a member for the year. We send these out approximately monthly, plus we typically check the club mailbox approximately weekly, so there may be a delay of a few weeks in receiving your card.

---

## FOR SALE:

**KT34-A 50ft self-supporting crank up tower**

**More pictures available**

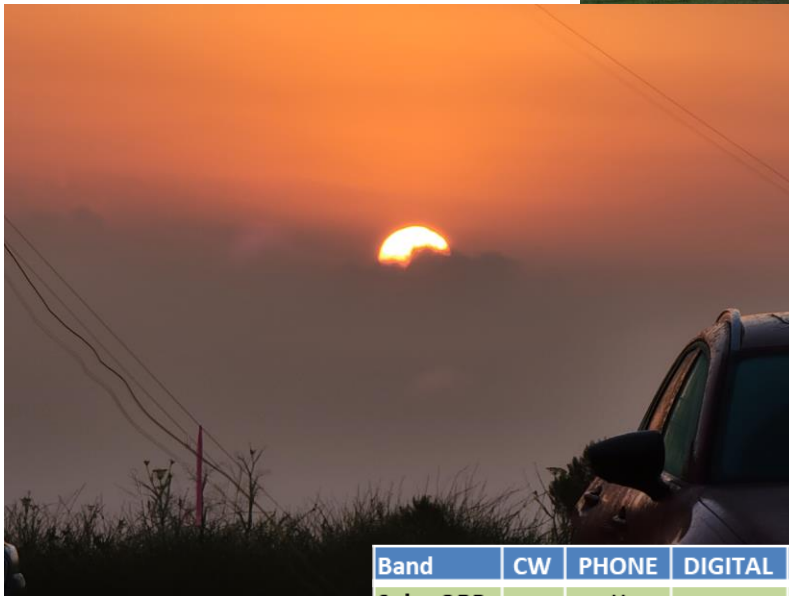
**Contact Joe Buck KC6I  
310-373-3433  
[joeuhd@verizon.net](mailto:joeuhd@verizon.net)**



# News and Announcements – Field Day 2022

We held W6TRW Field Day on June 25-26, 2022 at our traditional site, Friendship Park in San Pedro.

We had 6 operators who worked the 24-hour contest, and we did pretty good with contacts!



Band	CW	PHONE	DIGITAL	Station Captain	Note
Solar QRP		X		Mark Knight KD7DTS	Band-agile
70 cm		X		Dylon Mutz N6MX	
70 cm		X		Doug McCommins WA6RLR	Satellite
70 cm		X		Bryan Putz KI6LSJ	GOTA
2 m		X		Dylon Mutz N6MX	
2 m		X		Doug McCommins WA6RLR	Satellite
2 m		X		Bryan Putz KI6LSJ	GOTA
6 m		X	X	Dylon Mutz N6MX	
10/15 m	X	X	X	Mark Knight KD7DTS	
20 m	X			Bill Shanney W6QR	
20 m			X	Chris Newton N6FR	
40 m	X			Bill Shanney W6QR	
40 m			X	Chris Newton N6FR	
80 m		X		Greg Shreve KE6YEX	

# News and Announcements

## W6TRW Swap Meet

Our club puts on the largest monthly amateur radio swap meet in the Los Angeles area. The W6TRW Swap Meet has been held monthly for almost 40 years. The W6TRW Swap Meet is well known throughout the western US and even the world! It is always held the last Saturday of every month, rain or shine, holiday or not, from 7:00 AM until 11:30 AM, in the R2 parking lot near the southeast corner of Aviation Blvd. and Marine Ave. where the cities of Redondo Beach, Manhattan Beach, and Hawthorne meet. Talk-in on 145.320 -600 PL 114.8.

If you wish to sell at the swap meet, please visit our swap meet sellers' webpage for all the necessary information.

Our Swap Meet Manager, Rich N6CIZ, is always on the lookout for volunteers to help at the Swap Meet. If you'd like to get up early and help the club put on this event, email Rich at [w6trwswapmeet@gmail.com](mailto:w6trwswapmeet@gmail.com) to get more information.

The next swap meet will be the last Saturday of the month, from 7:00 am to 11:30 AM. See you there!

---

## AMSAT - Amateur Radio in Space

The number of active amateur radio satellites keeps increasing. Here is the current satellite status, making it easy to find satellites you can receive or transmit to: <https://www.amsat.org/status/>. We'll be contacting satellites at Field Day - each flyover is an exciting and challenging opportunity.

## Amateur Radio Contests - Calendar

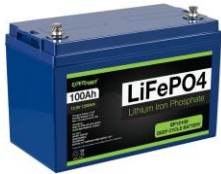
There are many amateur radio contests during the year, for the full range of different radio interest areas. Here is the contest calendar for this month.

# From W6TRW President Chris Wachs, WA2KDL

## Lithium Battery Notes for Hams

Nerd Techy - Guide to the Best 12V 100ah LiFePO4 Deep Cycle Battery in 2022:

<https://nerdtechy.com/best-12v-lifepo4-battery>



**ExpertPower Batteries:** ExpertPower 12V 100Ah Lithium LiFePO4 Deep Cycle Rechargeable Battery | 2500-7000 Life Cycles & 10-Year lifetime | Built-in BMS | Perfect for RV, Solar, Marine, Overland, Off-Grid Applications <https://a.co/d/dNvWaMW>

**Dakota Lithium:** <https://dakotalithium.com> Lithium Battery Collection



**Lithium Battery Tax:** If you considering a lithium battery, consider it before the new California lithium tax goes into effect at the end of the year FYI -

<https://www.benzinga.com/government/22/07/27929350/california-goes-ahead-with-lithium-tax-despite-protests-from-ev-suppliers>

---

## AMSAT Discord Server Open to All

A reminder that the AMSAT Discord server is available for the amateur satellite community. Discord is a text, voice, and video client that has become very popular in recent years. Discord will provide the amateur satellite community with an additional option to communicate amongst each other, in real-time.

Discord provides several neat features, including the following:

- \* Ability to create channels, to organize different conversation topics
- \* Hosting of events, that can include voice and or video chat
- \* For satellite launch parties!
- \* Use of bots to automate useful actions
- Try typing /tle AO-92
- More commands are in development!
- \* Notification of Twitter posts of interest
- Currently only following @AMSAT Twitter account

A special section of the server is reserved for AMSAT members. If you are a current member, please send a message in the #request-roles channel once you join the server, indicating whether you are a member or life member. Once the member role is granted, you will be able to post in the "Members Only" category. If you are not yet an AMSAT member, join today at <https://launch.amsat.org/>.

The link below can be used to join the server. See you in Discord! <https://discord.gg/xbTXcPJHyt>

# W6TRW Repeaters and Nets

## W6TRW Repeaters

VHF 2 Meters • 145.320 MHz, Offset: -600 kHz, PL: 114.8 Hz; Located in Redondo Beach, CA • All-Star node 505680  
UHF 440 MHz • 447.000 MHz, Offset: -5 MHz, PL: 100.0 Hz; Located in Redondo Beach, CA • All-Star node 505681  
(Our VHF 145.320 MHz and UHF 447.000 MHz repeaters are linked – but may be disconnected for certain nets listed below)  
UHF MotoTRBO DMR • 446.050 MHz, Offset: -5 MHz, Color Code: 2; Located in Redondo Beach, CA

### **Monday K6MBC Manhattan Beach MBCERT Net**

Weekly; Monday nights at 6 PM \*except\* first Monday of the month, on the W6TRW 447.000 MHz repeater

### **Monday Lomita and South Los Angeles DCS Net: Weekly**

Monday nights at 7:30 PM, on the W6TRW 145.320 MHz repeater

### **Wednesday W6TRW Emergency Communications Team (ECT) Net: Weekly**

The ECT net is held weekly Wednesdays starting between 12:00-12:15pm on our 145.320 MHz and 447.000 MHz repeaters. The whole net only takes about 10-15 minutes.

The purpose of the net is to promote club participation and to increase the general awareness of hams to emergency communications resources. The net is open to all W6TRW members as well as any non-member visitors!

Check-ins reply with their name and callsign, general location, and their radio communication capabilities at the time.

During an actual emergency, the W6TRW 145.320 MHz repeater will be dedicated to DCS, and won't be available for open use, but it will be very useful to monitor! The W6TRW 447.000 MHz repeater should be available and open for use during an actual emergency, so please save a memory in your radio for our 447.000MHz repeater!

### **Wednesday Northrop Grumman HF Family Net**

Also at noon Pacific Time on Wednesday is a long-running Northrop Grumman net on 14.270 MHz. Northrop Grumman and TRW employees / retirees are welcome to check in and represent the West Coast!

### **Thursday Space Net**

Our W6TRW 145.320 MHz and 447.000 MHz repeaters host the long-running Space and Information Net every Thursday evening at 7:00 PM. Ronnie N6SHI (Space Hams International) is the net controller, taking check-ins and providing the best of the weekly space news, launches, and visual flyovers. Tune in and check in!!

### **Thursday Outdoors Net**

Weekly; takes place immediately after the Space Net weekly on Thursday nights – via IRLP from Las Vegas net control – IRLP turns on at 7:45 PM every Thursday. Lots of good info for mobile and outdoors activities!

### **Newsline & ARRL Weekly News – Wednesday and Sunday**

9:00 PM & 9:30 PM

News released every Friday



## About Us – W6TRW

The W6TRW Amateur Radio Club is a non-profit organization that started in the early 1960s.

The W6TRW Amateur Radio Club started as the TRW ARC and held the club call sign WB6WPO. The club became an ARRL Affiliated Club in 1971, and the club call sign was changed to W6TRW in 1974. The club was formed at the TRW facilities in Redondo Beach California comprised of employees of the aerospace company.

Our club station is located in Building S and includes 2 Yaesu FT-1000's, Alpha 87a amplifier, and two towers with multiple HF antennas in Redondo Beach, California. We also have all-mode capability on 6m, 2m, 440, and 1.2 GHz. We have ATV, and satellite and packet stations.

W6TRW sponsors open repeaters on 2 meters and 440 MHz that serve the Los Angeles basin. We also have a Motorola MOTOTRBO Digital Repeater in Redondo Beach. IRLP node 7067 is connected to our open 440 repeater and typically is connected to the Western Amateur Linking Association LAX Reflector 9350. Please visit our repeater page for more information!

The Amateur Radio Club (W6TRW) offers a full range of radio related activities, including contest operating events, community public service events, picnics and classes for those wishing to obtain their first license. Stop by the Amateur Radio Swap Meet on the last Saturday of the month in the R2 parking lot from 7:00-11:30am – you'll be surprised by what you will find.