



W6TRW

CROSSTALK

Monthly news bulletin of the W6TRW Amateur Radio Club
DECEMBER 2022



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Monthly General Club Meeting

When: Tuesday, December 13th at 6:30 PM

Where: Virtual Meeting on Zoom

Due to continued COVID-19 public health guidelines, W6TRW Club Meetings will not yet be held in person. Instead, we are holding Virtual Meetings on Zoom.

Click on the link below on your computer, tablet, or smartphone.
Same meeting link, 2nd Tuesday of every month, 6:30 PM Pacific Time.

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

Phone dial-in: 1 669 900 6833, Meeting ID: 827 9465 4895

Speaker Topic for This Month:

“2022 W6TRW Equipment Upgrades”

Dylon Mutz, N6MX and Chris Wachs, WA2KDL

With another year coming to an end, it's a good time to reflect on all that has happened throughout the year. And there was A LOT that happened this year within the club. This meeting will cover the various upgrades made in 2022 to the W6TRW repeaters, shack, OSCAR station, and tower antennas. We'll also cover some of the plans for 2023 and continuation of ongoing projects.



Dylon, N6MX, is our new 2023 President of the W6TRW Amateur Radio Club. He has been driving several big radio shack upgrade initiatives in 2022, in addition to volunteering with the W6TRW Swap Meet and other key club activities for the past few years – the high-energy, next generation of our club! Dylon has also served as Northrop Grumman Recreation Clubs Secretary and Acting Treasurer in 2022.

Chris WA2KDL is Technical Chairperson and Past President of W6TRW Amateur Radio Club, serving as the very active and proactive club President the past few years, and being central to maintaining, improving and expanding our club repeaters, requiring wide knowledge of RF, networks and computers. Chris was also W6TRW club President and a key club member in the TRW 1980s – active in the club for decades!



W6TRW Club Members SHOW 'N TELL

Please **REPLY** if interested!

W6TRW Club Members SHOW 'N TELL / DIY / Maker talks

At past and recent club meetings, we've had members of our club describe and/or demonstrate projects they have created or been involved in. We'd like to continue that tradition! We're all excited to hear what you've been doing. All you need to do is put together a few slides!

If you've been building something interesting, please send a reply to newsletter@w6trw.com, and we'll get you on the agenda in 2023.

Thanks!

News and Announcements

W6TRW Elected Club Officers for 2023

Congratulations to our new elected officers! We're very happy to have a new member of the W6TRW Board, Mark KD7DTS, a super-active ham and SOTA/POTA mountaintopper!

Commissioner – Greg Madden WQ9P

President – Dylon Mutz N6MX

Vice President – Mike Hamada KF6UCN

Treasurer – Jason Fujino KD6ELS

Secretary – Mark Knight KD7DTS

W6TRW Repeaters Now Playing Newline & ARRL News

New, starting the past few months, is a regularly scheduled rebroadcast of [Amateur Radio Newline](#) ham radio news and the [ARRL weekly news](#) on the W6TRW repeaters on **Wednesdays and Sundays at 9:00pm Pacific time!** Newline 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

News and Announcements



Membership

The W6TRW 2023 Membership Form is on our [Membership](#) page. Be sure to renew for the 2023 club year! Our annual participation fee for the W6TRW club is still \$5, as it always has been!

However, note that our durable, high-tech magnetic club badges are now \$30, the real cost of making them. The badge, with your call sign, name and W6TRW logo, will last for many years – and the years go by fast!

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 several weeks in receiving your card.

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 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!

News and Announcements

AltaSea / LAMI

W6TRW club member Joe Lai KB6UCU has long volunteered with organizations at the San Pedro port to promote STEM (Science Technology Engineering Math), electronics, and amateur radio education for the students that pass through AltaSea and the [Los Angeles Maritime Institute \(LAMI\)](#). Joe volunteers time and materials to make electronic kits assembled by the students. He's always looking for more hams to get involved in these worthy endeavors. If you're interested in helping Joe, or interested in [AltaSea](#), ocean research at the port, or ham radio volunteer opportunities, please contact Joe at 310-408-9711.

[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.

From WA2KDL:

ANS-338 AMSAT News Service Weekly Bulletins

To: All RADIO AMATEURS From: Radio Amateur Satellite Corporation 712 H Street NE, Suite 1653 Washington, DC 20002

DATE 2022 December 4

GreenCube is now designated Italy-OSCAR 117 (IO-117)

On July 13, 2022, the GreenCube satellite was launched on a Vega-C launch vehicle from the Centre Spatial Guyanais in Kourou, French Guiana. The satellite project is managed by the S5Lab research team at Sapienza University of Rome, and involves ENEA (the Italian National Agency for New Technologies, Energy and Sustainable Economic Development) and University of Naples. The satellite carries environmental and thruster payloads and as well as a 70cm digipeater for amateur radio use.

At the request of the GreenCube teams, AMSAT hereby designates the satellite as Italy-OSCAR 117 (IO-117). We congratulate all the involved teams, thank them for their contribution to the amateur satellite community, and wish them continued success on this and future projects.

<https://www.zr6tg.co.za/2022/11/18/adventures-with-greencube-satellite/>

https://www.n2yo.com/satellite/?s=53106#google_vignette

[Amateur Radio Contests - Calendar](#)

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

Next big, popular contest is the ARRL January VHF Contest, 21-23 January 2023. This one is easy – just find out your grid square at [Amateur Radio Ham Radio Maidenhead Grid Square Locator](#) and then key up your VHF/UHF radio!

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.