



W6TRW CROSSTALK

Monthly news bulletin of the W6TRW Amateur Radio Club
July 2023



Summits on the Air with
KD7DTS and KN6EZE 7/3/23

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Monthly General Club Meeting

When: Tuesday, July 11th at 6:30 PM

Where: Virtual Meeting on Zoom

Due to continued COVID-19 precautions, 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:

**“2014 IOTA Palos Verdes
ARC (K6PV) Trip to the Santa
Catalina Islands!”**

Ray Day N6HE

Clay Davis AB9A, Mike Caulfield AF6VT, Steve Mandich K6NT
Ray Day N6HE, Norm Thorn K6UU, Joe Pace NZ6L
Chris Storey KA6WNK, Jeff Wolf K6JW, Jerry Kendrick NG6R
Front Row: Diana Feinberg AI6DF
Not pictured: Peter Landon KE6JPM



Ray N6HE started as WN4LFP in Miami Springs, FL on 12/7/62. He currently uses an IC-7300 as a travel/portable rig, got hooked on direct-sampling SDR, and now has a Flex 6600. His home station uses an Alpha 9500 RF amp for QRO when needed, into a 129' end-fed long wire with Balun Designs 9315 9:1 un-un. For VHF/UHF, Ray uses a Tera 7400 UHF DMR handheld, a Yaesu ID-5100A FM/D-Star base station, all connected to the internet, and FM VHF/UHF handhelds.

Ray graduated from Georgia Tech in 1966 as an RF-oriented Electrical Engineer and a member of TKE fraternity. Ray is an ARRL Volunteer Examiner and was a ARRL Official Observer and LAX Section Official Observer Coordinator. Hobbies other than radio: Photography, scuba diving, and international travel (preferably, all at once!).

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! You can now send the participation fee ELECTRONICALLY to Dylan N6MX – see the note in the new 2023 W6TRW Membership Form! And you can scan your signed ink signature pages and send to Dylan's email address on the form. We're going electronic!**

Our durable, high-tech magnetic club badges are now \$30, the real cost of making them. The badge, with your call sign, name & W6TRW logo, will last for many years!

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.

W6TRW Swap Meet – Last Saturday of Every Month !

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, Wendell KE6ASC, 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 important traditional activity, email Wendell at w6trwswapmeet@gmail.com to get more information.

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

W6TRW Club Members SHOW 'N TELL

W6TRW Club Members SHOW 'N TELL / DIY / Maker / Activity 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, or engaged in recent ham radio adventures or volunteering, please send a reply to newsletter@w6trw.com, and we'll get you on the agenda in 2023!

Please REPLY if interested!

W6TRW Discord Channel

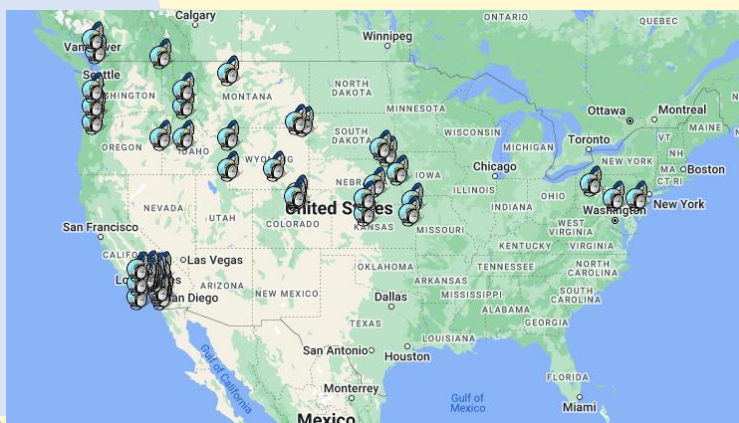
Did you know W6TRW has an active online discussion of ham radio adventures, build projects, and event planning? This is an excellent way to keep up with hot topics in the club. If you haven't already, please join your fellow club members on Discord. You can sign up here: <https://discord.gg/9JMY9SydV3>

Recent posts on the W6TRW Discord:

1. [Tony KC6QHP](#) — 7/3/23 at 10:41 PM
@Mike-WB6DJI that's exactly the radio I was talking about
1. [10:42 PM] Modified Baofeng 888 nearly ready to connect to the raspberry pi for an Allstar node



[Dylon N6MX](#) — 06/26/2023 6:38 AM
6M coverage for FD Pretty happy about this



[Mark KD7DTS](#) — 06/25/2023 9:52 PM
Field day is a chance to celebrate the best of what we do over the year, and making it welcoming to what people can do in the LAX economic climate will (hopefully) bring in next-gen operators.

[Mark KD7DTS](#) — 06/25/2023 10:00 PM
Sharing a visit with Dick Norton, N6AA, the Director of the Southwestern Division



From the Past – W6TRW Field Day 47 Years Ago !

Our W6TRW Amateur Radio Club has a long tradition of finishing first in Field Day Class 7A. **See the Field Day writeup from Crosstalk 1976:**



cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



WAC
WAS
DXCC
FD'71
FD'73
FD'75
FD'76

NOVEMBER 1976

TRW/ARC Saturday Morning Nets 10AM LT

Primary	7.280 MHz
Secondary	3.980 MHz
Novice	7.140 MHz
Simplex	147.510 MHz

OH WELL . . .

Some people just can't do anything right. I have before me the May and June issues of the CROSSTALK. We have a quote from our Field Day manager: "...this year's Field Day plan will deemphasize the competitive aspects of the event... and will have as its objective providing operating opportunities for all comers... Other activities planned include drinking, some eyeball QSO's, sunning and smiling". In the June issue we say, "leave your combat boots home and bring your smiles". In the detailed planning for the TRW/ARC Field Day exercise there was provision for an automatic OSCAR contact inhibitor, a sophisticated piece of equipment cleverly disguised as a coffee pot. The new site was selected so as to require celestial navigation to find it. Even the weather was arranged so that temperatures would reach 110 degrees both days of the Field Day weekend. (Do you know how hard it is to set that up?) We had a solid commitment to low placement in the scores. All of these plans were in vain. We regret to inform you that the TRW/ARC came in first in class 7A. This unfortunate occurrence has many serious consequences. First, it was necessary to squeeze "FD'76" into the CROSSTALK masthead. Second, we will have to explain how come we win if we try hard, and also win if we don't try hard. Third, the implications of winning in an even numbered year include a guarantee of fluctuations in the Dow Jones industrial average, according to a leading analyst (psycho, not investment)

In summary, we are all delighted--hearty congratulations to Jack Clarke, WB6TCR, our Field Day manager, to the members of the FD staff, and to all the folks who made it happen. WELL DONE !

THE NOVEMBER MEETING

The November meeting will be held in December. Not that we hold a grudge against November, but the Dinner Meeting Hamfeast and Thanksgiving have pretty well chewed up the month. Mark Wednesday, December 15th on your calendar. Program will include throwing out the 1976 officers and installing the 1977 officers. Speeches and everything. Door prizes (used 1976 officers). Noon, R2-1055, Wednesday, 15 December.

From https://w6trw.com/wp-content/uploads/Crosstalk/1976/1976_11_Crosstalk.pdf

See all the archival Crosstalks at <https://w6trw.com/2023/05/12/check-out-our-crosstalk-newsletter-archive/>

1977 BALLOT ISSUE

News and Announcements

W6TRW Repeaters Now Playing Newline & ARRL News

We're putting 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

[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 may be able to hear: <https://www.amsat.org/status/>. For many satellites, the telemetry downlink or Morse code beacon is easy to receive with a simple dual-band VHF-UHF magmount antenna.

If you have a VHF/UHF SDR (software defined radio) connected to your computer, you can see the Doppler shift of the signal as the satellite passes over.

To find out when a satellite will fly over your location, go to <https://www.amsat.org/track/index.php>. Just put in your grid square or approximate latitude-longitude. One of the most reliable and easy downlinks is the ISS (International Space Station) on 145.800 MHz.

The next step is transmitting – making amateur contacts through the satellites. AMSAT satellites for amateur communications: <https://www.amsat.org/two-way-satellites/>.

[Amateur Radio Contests - Calendar](#)

There are many amateur radio contests during the year, for the full range of different radio interest areas. Click [here \(WA7BNM's Contest Calendar\)](#) for a listing of all the amateur radio contests.

Just listening to contests is a great way to hear a lot of stations from all over the US and even all over the world – better than just randomly tuning on any given day, hoping to hear something.

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 Absolute Tech Net: Weekly

Our W6TRW 145.320 MHz and 447.000 MHz repeaters are currently carrying the <https://www.absolutetech.org> weekly ham radio net, Monday afternoon at 4:00 PM Pacific Time.

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!!

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.