



CROSSTALK

News Bulletin of the W6TRW Amateur Radio Club

Volume 33 Number 8

August 2001

NEW W6TRW 447.000 Repeater Now On The Air!

Yep, it's finally up and operating after a few months in my Garage. With the help of our club President Bob Briggs and his son Carey, the new machine was wheeled into it's new home on top of Palos Verdes, and after a minor (major at the time) glitch with an antenna connector on the Super Station Master antenna, which was lowered and then resurrected, the power was applied and Wala!

Thanks to Mike Aust, WB6DJI for providing his Repeater previously to all licensed Amateurs to use in the South Bay.

Spread the word, let's get some activity on this new resource, email me: wa6eik@w6trw.com if you have any comments or suggestions about the new Repeater. 73, Duane WA6EIK



WE'VE LAUNCHED A NEW WEB PAGE!

Check out the new W6TRW web page

<http://w6trw.com>

Coming soon, a "members only" section

Duane Park, WA6EIK Crosstalk Editor

In This issue:

- *A Field Day 2001 Survivor – Page 3*
- *Field Day pics – Page 4 & 5*
- *Upcoming events – Page 6*
- *AO-40 "S1" TRANSMITTER GOES SILENT – Page 7*
- *Plea for old Crosstalks – Page 9*

W6TRW ARC Monthly Calendar of Events

Third Tuesday of each month	5:30 pm	Executive Board Meeting, R4/2020f (All Club Members are invited)
Second Tuesday of each month	5:30pm	Club Meeting Round Table Pizza, (Redondo Bch. & Hawthorne)
Second Tuesday of each month	12:00 noon	Emergency Communications Team Meeting R3 Emergency Operations Center
Last Saturday of each month (Rain or Shine & Holidays)	7:00 am	W6TRW/ARC Swap Meet Marine and Aviation (Southeast Corner)
During the Swapmeet	10:00 am	VE Sessions in Cafeteria

Weekly Events

Every Monday Night (Except the 1st & Holidays)	7:30 pm	Disaster Communication Systems (DCS) Net DCS Members: Check in on 2 Meter Repeater
Every Wednesday	12:00 noon	ECT Net on 2 meter Repeater All Amateurs Welcome
Every Thursday	7:00 pm	Space Hams Net on 2 meter Repeater with N6SHI and W6EKK
Every Mon, Wed, Fri	2:00 pm	W6TRW Retirees Net 7185 KHz
Every Friday Morning	7:30 am	W6TRW Amateur Radio Club Breakfast Building S Cafeteria - Everyone is invited Talk-in on 2 Meters

Other Ham Swap meets:

Inland Empire ARC - 2nd Sat. ea. mo. 7:00 to 11:30 AM @ A.B. Miller High School, Walnut & Oleander in **Fontana** Talk-in 145.480 (-600 pl=77.0hz)

El Cajon ARC - 1st Sat. ea. mo. 6:00 AM @ Santee Drive-in Theater, Woodside Ave. @ Hwy 67 in **Santee** Talk-in 146.52

CAL POLY -3rd Sat. ea. mo. 7-11am in lots F8,F9 and F10 @ CAL Poly Pomona at 3801 West Temple. Talk-in TBD (if you know, please email me... ed.)

Field Day Survival 2001 By Jason Fujino KD6ELS

First off I would like to thank Mike Hamada (KF6UCN) for being my double during the three days of Field Day. Mike was there to help every step of the way. Starting off, first thing Friday morning, Mike drove me to the Ryder Rental facility and paid for the Truck rental before following me to Space Park. There we met Stan Johnson (W6EKK) and Wayne Hogancamp (KI6GM) – special thanks goes to Wayne for meeting up with Bob Briggs (KD6WYQ) on Thursday to prep the generator. Without the generator there wouldn't have been a Field Day for W6TRW.

Loading the Truck Friday morning didn't start off like I had hoped. I was looking for a dozen people, or so, to load the Truck and set-up antennas at the park. After a brief discussion the four of us decided to meet after lunch hoping more people would show up since Bob had told several people that Friday's start time would be after lunch. In the mean time Mike and I loaded the things we felt were needed from the Swap Meet Connex box, and then we ran errands in the ECT Van to the Gas Station, Home Depot, and Subway. We had to eat, right?

After lunch Mike and I moved the Van and the Truck to the Field Day Connex boxes where we opened everything and waited for the masses. Between 1300 and 1330 Stan, James Hart (N6JSS) and Roderic Scott (KE6PI) showed up to help. A disappointing five people total. I couldn't see five people raising an antenna safely, let alone four. So I decided that if we didn't have seven people by 1400, that W6TRW wouldn't be participating in Field Day 2001. That's when Dennis Santiago (KQ6KR) called on the W6TRW 2M repeater to let us know that he was coming after he finished lunch. Well, 1400 rolled by and the attendance remained at five, so we started planning next year's Field Day thinking this year was a wash.

At 1430 Wayne made it back and we knew Dennis was on his way. Whoa, a magnificent seven, now we're cooking. We took stuff out of the Connex and looked at the Field Day plan to figure out what we needed to take. Since we were shooting for 4A this year, we didn't need to take everything. When Dennis showed-up loading was a little easier, being last years Field Day Chairman, he could recognize items in the Connex boxes that needed to go. The Truck was loaded finally. Thank you Dennis!

It was getting late and we were still at Space Park. Another decision had to be made before people started going home. We weren't going to make it to the park, that was a given. The new plan was to load the Van with the radios from S/shack, and leave the Van and the Truck in the E1 Parking Lot. That way Robert Manriquez (KF6EXC) didn't have to watch over a couple cars at the park, and he could get a good night sleep. In addition, if no one showed up on Saturday, canceling Field Day and unpacking the truck would be a little easier.

Keeping the Truck in the E1 Parking Lot became exciting when someone had called security about a Moving Truck being parked in the E1/S/R2 Lot. I guess someone had flashes of terrorism. Now granted the Truck was so big that it took two stalls, but it wasn't parked next to any buildings. I parked it as close as possible to Space Park Drive and a few rows away from S/Building. Security showed up with lights flashing, in the time it took for me to park the van, go up to the S/shack joining Rod, Stan and Mike loading radio equipment on a cart, wheel the cart down to the Van, and then load the Van. I would guess it took 30 minutes. All in all, this did save me a trip to the security office, so I didn't have to submit a written request for overnight parking. The day ended with Rod giving Mike and me a lift to Mike's house – thanks Rod.

Another day, another dollar. Nine o'clock Saturday morning we roll-up in a small convoy. The Ryder Truck, the ECT Van, and Robert's van bringing up the rear. No one's waiting at the park, so we were early. Mike preps the Van for operation. Robert scopes out the park, and I prep the truck for unloading.

(Field Day Survival 2001 cont.)

When we had about seven people we start unloading the truck. By the time we were ready to put up towers we had ten people, and a couple visitors. I wish I could thank our visitors by name, but I didn't jot down their names or call signs, and they didn't have a chance to sign our guest book either. We placed four sets of towers in locations according to the plan: 40M, 10M, 20M and 15M. Then, we divided in two groups. The first group started to put together the 15M antenna right away, while the second group took a short breather...then followed with the 10M antenna. Halfway through the 10M antenna assembly the 15M antenna was ready to go up. By lunchtime the 10M tower was up, and everyone broke for Fried Chicken, Cole Slaw, Potato Salad, Soda and Chips. Special thanks to Wendy Crawford (KQ6CG) for picking up lunch. After lunch the last two towers were abandoned in order to get a couple stations on the air as soon as possible. So James, Mike and Brad Lohr (KR6DN) brought back the leftover towers, which wasn't an easy feat, since they brought back the biggest tower the club owns.

The remaining people divided into three groups: 10M tower, 15M tower and the 80M blimp. While Wally Loy (W6LOY) worked 10M, Phil Wheeler (W7OX) found a 40M wire in one of the boxes and strung it up in the park trees so he and Wally could switch back and forth between 10M and 40M on any given hour. Rules indicate that they had to remain on one band for an hour before switching, or so I was told. In the meantime, Pete Livingston (W3CRI) filled the W6TRW blimp with Helium with assistance from Greg Martens (N6RRY) and Greg Shreve (KE6YEX). I have to say launching that thing is a little scary around sharp objects and a little breeze. I was concerned that we might hit the square sign on the park lamppost. Once the blimp was up, the only thing that needed to be done was balance out the 80M antenna or so we thought. As it turned out Pete spent an hour troubleshooting the 80M set-up until he found a bad coax cable that looked brand new to me. The 15M tent had some problems of their own, as Terry Priesont (KC6YIH) can attest to. The 15M tent had power problems, and couldn't get the radio to work. As it turns out, we have a lemon of a radio. Terry had to swap out the rig for another in order to get 15M on the air. Rumor has it that the radio blew the primary, and that this has happened before on this very radio or one that looks just like it.

Well, that's all the excitement that I care to cover, but before I sign off there's one more thank you to go out. Thank you Elizabeth Kunkee (KS4IS) and son for putting up the 80M tent together.

73,

2001 Field Day Survivor



(More Field Day pic on the next page)

Pictures from Field Day 2001



VE Sessions now at the Swapmeet!!

The usual Last Saturday VE sessions at Jun's in Culver City have come to an end.

Scott Swanson, K6PYP, has been doing the VE sessions at Jun's but is changing location to TRW during the monthly Swapmeet. The first kick-off session is scheduled for 10:am in Blfdg. S.

Please contact Bryan at bryan.dearo@trw.com, 310 812-4589 (work), or 562 692-3902 (home) for more details. Bryan cannot do the April Last Saturday because of a prior commitment, but will be able to assist most other days this year. *(Ed. Note: Check out the VE links on the Club web page <http://w6trw.com>)*

Upcoming Contests

Sept. 8-10 [ARRL September VHF QSO Party](#). See July QST, p 112.

Sept. 9 **North American Sprint, CW**, sponsored by NCJ, 0000-0400Z

Sept. 29-30 **CQ WW RTTY Contest**, sponsored by CQ magazine, 0000Z Sep 29 to 2400Z

These are only a few of the activities around the country, check out the ARRL web site for more info: <http://www.remote.arrl.org/contests/months/sep.html>

Hams track police radio interference *(reprinted from the ARRL Letter Vol. 20, No. 33)*

Hams in Middletown, Ohio, helped track down a local amateur who was subsequently arrested August 7 on state charges of "disrupting public services." Authorities allege that Kenneth Kelly, WT2FBI--a Tech Plus licensee--was interfering with police radio calls while using a modified transceiver. The charge is a fourth-degree felony.

The FCC has been notified, and Kelly, 28, also could face federal charges. "The alleged offender was repeating what sounded to us to be CB broadcasts onto the police channel," said ARRL member Ernie Howard, W8EH, a city radio maintenance shop employee who was involved in the tracking. Kelly had apparently just moved to the area. Authorities reportedly said the interfering operator also attempted to talk to dispatchers and police officers and made racial slurs and obscene remarks. At a preliminary hearing, Kelly was bound over for possible grand jury indictment. He is being held in lieu of \$25,000 bond.--thanks to Ernie Howard, W8EH, and The Middletown Journal.

AO-40 "S1" TRANSMITTER GOES SILENT *(reprinted from the ARRL Letter Vol. 20, No. 33)*

AMSAT reports the 2.4 GHz "S1" transmitter aboard AO-40 abruptly quit August 13 while AO-40 was in view of most of the Eastern Hemisphere during orbit 362. An initial attempt to manually switch the S1 transmitter back on apparently was not successful.

Ground controller Stacey Mills, W4SM, reports normal telemetry readings up to the point that the transmitter ceased operating and that no commands were being sent or experiments under way at the time. An onboard scheduler switched on the S2 transmitter at the appropriate point in the spacecraft's orbit. Mills said subsequent telemetry indicated no abnormalities or logged events to account for the failure.

The S1 transponder, connected to a higher-gain parabolic antenna, had been brought into the rotation to offer improved coverage when the satellite was farther from Earth. The S2 transponder is connected to a helical antenna that has about 10 dB less gain than the parabolic antenna.

While ground controllers continue to study the situation, the S1 transmitter has been taken out of the schedule. The U-band and L1-band to S2-band transponder passbands will remain in the operating program.

"The schedule may also be modified for longer passband periods, given the broader coverage of the S2 helical antenna," Mills added.

Prior to the event, the recently commissioned S1 downlink transmitter had produced excellent results, and many stations reported much stronger downlink signals via the S1 transmitter.

Earlier this month, AO-40 performed what might be its most spectacular stunt to date when the onboard Japanese-made SCOPE camera snapped a photo of Earth. The result was a magnificent color picture of our planet, the illuminated portion appearing as a bluish crescent. The first photograph was shot August 7 using the SCOPE camera's wider lens.

AO-40 ground controllers continue efforts to reorient the satellite, reducing the squint angle so its antennas are facing directly at Earth. A so-called "mystery effect" persists, affecting AO-40's orbit near Earth and puzzling the satellite team. Ground controllers had hoped that the effect might disappear after the satellite's orbit was raised at perigee--its closest point to Earth--by nearly 700 km.

For more information on AO-40--and a look at the SCOPE camera photo--visit the AMSAT-DL Web site, <http://www.amsat-dl.org/> or the AMSAT-NA Web site, <http://www.amsat.org>.

Editor's note: If you viewing the electronic version of the Crosstalk, the links below will work as long as you are on-line.



2001 ARRL SW Division Convention

Riverside Convention Center
Riverside, California
September 7-9, 2001

- [Convention Highlights](#)
- [Registration](#)¹
- [Scheduled Forums](#)
- [Special Event Station](#)
- [VE Test Session](#)
- [Lodging](#)
- [Featured Meal Menu](#)
- [Exhibitors](#)¹
- [Prizes](#)
- [T-Hunt](#)
- [Maps](#)

[Pre-Registration](#)¹ - Registration through **August 20, 2001** is \$12.50. After August 20th, and at the door, registration will be \$15.00.

California Amateur Agrees to Two-Year Suspension (Aug 13, 2001) -- An Amateur Extra class operator from California has agreed to a two-year suspension of his amateur privileges. The accord with Robert J. Kazmierski, WE6M, of San Mateo followed longstanding allegations of deliberate interference. The FCC's San Francisco office issued Kazmierski an *Official Notice of Violation* (NOV) in late June.

Maritime Net "Delivers" Baby to Sailor at Sea (Aug 15, 2001) -- Thanks to Amateur Radio, a sailor aboard a US Navy destroyer at sea got to hear his newborn son's cries for the first time. On August 12, members of the Maritime Mobile Service Net, with cooperation of the Pacific Seafarers Net, put sailor Mark McDonald in touch with his wife, Wendy, in California and set to go into labor at any time. The sailor later was able to chat with his wife and her mom and to listen to his son's crying.

Openings remain in August Introductory Emergency Communications on-line class (Aug 15, 2001) -- A few openings remain in the August on-line Amateur Radio Emergency Communications Introductory Course (EC-001). To sign up, visit the [ARRL Course Registration Page](#) while there's still time. Join the hundreds of other Amateur Radio operators who've taken advantage of this continuing education opportunity.

A message from Dave Nelson AB6DU

Editor's Note: Since the January issue, more missing issues are going to be listed here in **RED** italics.

The club is still missing several issues of old Crosstalks needed to complete the scanning of all issues. The total set will be placed on our website as a club history and resource of tech data, etc. The following issues are needed. If you find any, please mail to the club as follows. If you want them returned, please just say so in your letter.

1976 DECEMBER

1978 FEBRUARY, NOVEMBER

1988 JUNE

1989 JAN, APRIL, MAY, JUNE, JULY, SEPT, OCT, NOV,

1990 MAR, APR, MAY, JULY, AUG, SEPT, OCT, NOV, DEC

1991 JAN, MAY, APR, MAY, JULY, AUG, SEPT, OCT, NOV, DEC

1992 JAN, FEB

1995 SEPTEMBER

1996 MAY, JUN, SEPT

1997 DECEMBER

If you can forward this to any retired members, or former members, please send this note on.

Mail copies to:

TRW Amateur Radio Club

ATTN: Bob Briggs

Building S, Room 1256

One Space Park Drive

Redondo Beach, CA 90278

73,

Dave, AB6DU

W6TRW AMATEUR RADIO CLUB

ELECTED OFFICERS

President	Bob Briggs	KD6WYQ	O1 / 1260	(310) 813-2622
Vice President	Stuart Gorsky	KF6QHV	R5 / 1060	(310) 812-0255
Secretary	Craig Gullickson	N6ED	R6 / 2529F	(310) 812-5389
Treasurer	Jason Fujino	KD6ELS	R5 / 2130	(310) 812-5461

APPOINTED STAFF

447 Repeater Autopatch	Duane Park	WA6EIK	O1 / 1070	(310) 813-4219
Activities Chairperson	Mike Hamada	KF6UCN	M5 / 0435	(310) 814-2628
Crosstalk Editor	Duane Park	WA6EIK	O1 / 1070	(310) 813-4219
Emer. Comm. Coordinator	Wendell Young	KE6ASC	R5 / 1060B	(310) 813-7691
Librarian	Dave Nelson	AB6DU	R8 / 2144	(310) 813-9775
Membership Chairperson	Wendy Crawford	KQ6CG		(310) 513-2060
Past President				
Publicity Chairperson	Dave Nelson	AB6DU	R8 / 2144	(310) 813-9775
QSL Manager	Bryan DeAro	KN6OW	120 / 1020B	(310) 812-4789
S.P. Packet/Internet Sysop	Chris Wachs	WA2KDL	M4 / 2375	(310) 813-1506
SEA Representative	Rod Scott	KE6PI	R7 / 2253E	(310) 813-1493
Swap Meet Manager	Greg Martens	N6RRY	M1 / 1275	(310) 813-4049
Technical Chairperson	John Cheatham	KE6OJM	R9 / 2477	(310) 813-5903
Training Chairperson	Bryan DeAro	KN6OW	120 / 1020B	(310) 812-4789
Trustee of W6TRW License	Elizabeth Kunkee	KS4IS	D1 / 1024	(310) 813-0524
Webmaster	Duane Park	WA6EIK	O1 / 1070	(310) 813-4219

BOLD=NEW

W6TRW ARC Hotline (Club Answering Machine) (310) 813-8569
W6TRW 2 Meter Repeater (Open Repeater) 145.32 (-600) PL 114.8Hz
W6TRW UHF Repeater (Open Repeater / Closed Autopatch) 447.00 (-5 MHz) PL 100 Hz
W6TRW-3 Packet Radio Internet Gateway and BBS (1200 Baud Port) 146.745 (-600)
W6TRW Internet Home Page <http://www.w6trw.com/>

W6TRW Amateur Radio Club
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One Space Park
Redondo Beach, CA 90278

FIRST CLASS

Deliver To:

