



CROSSTALK

News Bulletin of the TRW Amateur Radio Club

Member, American Radio Relay League

ARRL Club No. 1658

MAY 1987

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

Garrett/W6TRW Repeater: 145.32/- .600(2A-PL) -- UHF: 442.000in/447.000out

CALENDAR FOR MAY AND JUNE

Tuesday	May 26, noon	Club Meeting, R2/1055.
Saturday	May 30, 8-11am	Swap Meet, Northwest corner of Compton/Marine and Aviation behind the Chevron station. Don't arrive before 0600!!
Wednesday	June 3, noon	Club Picnic, El Nido Park, 182nd St. between Hawthorne and Inglewood. Bring your badge and enjoy the good company.
Tuesday	June 9, after work	Executive Board Meeting. All members are welcome! At Pizza Hut, 926 N. Sepulveda Blvd., Manhattan Beach.
Saturday	June 27, 8-11am	Swap Meet. THE SWAP MEET WILL BE HELD FIELD DAY WEEKEND!!
Fri-Sun	June 26-28, 24 hrs	ARRL Field Day Weekend. Friendship Park, San Pedro. Come and join us for a few hours or the entire weekend.
Tuesday	June 30, noon	Club Meeting, R2/1055.

Blast from the Past

John Keller, N6JLS

Have you ever wondered how long the Amateur Radio Club has been around? Before you read on take a quick guess. Bill Schrecengost was cleaning out some old files and ran across a couple of issues of the Review of the Ramo-Wooldridge Corporation. In it is a front page item that carries the headline "RWEA Votes 10 Organized Clubs." The text reads:

Ten new organized clubs are officially associated with RWEA, following action by the Executive Council last week.

Applications received and approved include organized leagues for softball and bowling, the archery club, the kriegspiel club, radio club, square and compass club, sports car club, and camera club.

The issue of the Review is Vol. 2, Issue 8 and is dated 18 October 1956. However, an earlier issue dated 19 July 1956 states:

Constitution and by-laws for the new R-W Amateur Radio Association were ratified and plans for an election August 14 approved at the group's meeting last Thursday.

A permanent committee of representatives from each R-W Division and WDD will replace the usual type of organization with officers. Representatives elected in August will serve the rest of the year.

In the 16 August 1956 issue of the Review, the members of the permanent committee were announced. They included: Ed Page, W6QPR; Ken Woodyatt, W6JWK; Ray Harper, K6CZY; Stan Johnson, W6EEK(sic); Henry Luli, W2OLZ and Stan Slaback, K6BEL.

General Meeting 28 April 1987

John Keller, N6JLS

The meeting was called to order at about 12:10 p.m. when the meeting room was cleared from a previous meeting. Club business was quickly handled so that as much time as possible could be given to the speaker. The only pressing item discussed was the lack of meeting rooms to conduct our monthly general meeting. Vice President Steve O'Neal introduced the speaker, Sgt. Rudy Lovio, KB6BXE, of the Los Angeles County Sheriff's Office. Sgt. Lovio works in the Emergency Operations Bureau that oversees the Disaster Communications Service (DCS). By law the sheriff coordinates all disaster communications. DCS is the name of RACES (Radio Amateur Civil Emergency Services) in L.A. County. It is the only group recognized by the County. The RACES station callsign is WC6ABD and would only be used in case of a national emergency. The DCS station is K6CPT, with 2 Meter and 220 MHz repeaters covering the Los Angeles area. There are presently 20 district stations (sheriff's offices) in the county with the 21st scheduled to open in May in the Walnut - Diamond Bar area. Each district has its own frequency for communicating to independent cities in its area. There is also a county common frequency for district stations to communicate to the County EOC. The only back-up for the sheriff's communication system is Amateur Radio. The level of communication in the event of an emergency is city to sheriff's station to county to region (6 regions in California) to the state.

In order for a city to be affiliated with DCS they only need to contact Sgt. Lovio by telephone. There is no cost to the city except to make available to the hams an area for setting up a station preferably in the city EOC near the other communication equipment. The county will provide a 10 Meter transceiver, free on loan, and will repair the unit when needed. The city would be expected to provide any other capability (2 meters, 220 MHz, etc.).

The organization of the DCS is that there is a District Communication Officer (DCO) at each district station. (ed. Steve Ng, N6IQA, is DCO for the Lomita station). There are also staff officers that work at the Sheriff's Radio Center. Sgt. Lovio also stated that members of DCS are covered by State Workman's Compensation in case you are injured while providing communications for the DCS. He also pointed out that the DCS is

administered by the sheriff's office not run by the sheriff's office. There is to be a 3 day Earthquake Exercise involving Los Angeles, Orange, Riverside, San Bernardino and Ventura counties as well as the State of California and the Coast Guard on October 14, 15, 16, 1987.

The meeting was adjourned after the door prizes were given out, while Sgt. Lovio took the names of those that were interested in joining the DCS.

Field Day

Bill Schrecengost, KE6LB

After an exchange of paperwork with the L.A. County Department of Park and Recreation, we now have firm reservations for Friendship Park for Field Day 1987. We asked to have the auto sprinkler system turned off for the Field Day Weekend so we won't get deluged during the night, as occurred on some previous years. We have a goal to operate 7A this year. The following is a list of bands/stations to be set up and the respective band captains.

<u>BAND</u>	<u>BAND CAPTAIN</u>
VHF/UHF	Phyllis Gilmore, KE6TC
15 Meter CW	Jeff Stewart, N6JI
15 Meter SSB	Bill Schrecengost, KE6LB
20 Meter CW	John Keller, N6JLS
20 Meter SSB	Frank Cartier, WA6RAY
40 Meter CW	Bob Hume, KG6B
10/40 Meter SSB	TBD
75 Meter SSB	Dale Jensen, K6ZTI
Power Distribution	Paul Herbert, KG6CR
Packet/Oscar	Chris Wachs, WA2KDL
Sat Lunch	TBD
Sat Dinner	TBD
Sun Breakfast	John Keller

We desperately need push up masts for Field Day use. We could also use light weight tower sections of about 10 ft. max. We are willing to loan or purchase if you wish.

We still need operators, loggers, set-up help and tear down help. Don't be left out, call me to sign up, if even for just a couple of hours to spell an operator or logger. Call NOW!! 536-3316 work or 541-9350 home.

The test of a people is how it behaves toward the old. It is easy to love children. Even tyrants and dictators make a point of being fond of children. But the affection and care for the old, the incurable, the helpless, are the true gold mines of a culture.

Abraham Heschel

Old Timers and/or TRW Retired

Bill Dews, K6AWO

As the Membership Chairman since '81, I've seen a lot of you go away. CZL, FQ, KQI, RL, RT, JSF, RDH, WJE, PAS, SCL, HN, AWS, NWP, BO, GC, ZYM, CRW, 7TW, TNI, YNK, LAT, MAU, TDE, DGI, RTG and NTX. What we have tried to do is:

1) Keep the Club dues low. - The Crosstalk and postage is mostly covered by what you pay.

2) The Club meetings at noon time will give you time to come to lunch at Bldg. S to eat and enjoy yourself with the other members of the Club.

3) The 2 Meter repeater is just one way you can keep in touch with your fellow hams. In case you forgot it's 145.320 MHz -.600 2A PL.

4) The ARRL Field Day Contest each year is another way to eye-ball each other. You may be older now and don't want to work hard to set up for Field Day or stay away from the YF over night (you sure used to, HI HI). Just come up to the site, an easy freeway drive, and bring a folding chair with you to sit in and watch the young (under 40) bucks go to town like you did a few years back. Maybe even show them a few tricks!?! The food will be free from the Club too!

5) Speaking of FREE, we have 5 planned Picnics this year, so try to tear yourself away from "nothing" and attend a couple of W6TRW Picnics.

6) The once a month Swap Meet at TRW has been going on for 9 years this coming July. I see you out there talking to each other and at least it's a good way to enjoy a short visit. Try to bring something to sell/give away each time you come. Otherwise after you become a Silent Key, someone you wouldn't let in your ham shack will get the dirty job of trying to sell your junk. Please call some old buddy on the phone or use the ham radio to schedule an eye-ball at the Swap Meet - this way you won't be disappointed by not finding a friend. (ed. Of course that would be an easy way to make a new friend!)

7) The Crosstalk is one of the best club papers in the area (I read a lot of exchange papers from other clubs) so take the time to sit back and read it. We could use article from YOU on what life is like after 60 years and what you are doing - amateur radio or not. Sent in something at least once a year - if its hard to write put it on a tape and say what you want - we will try to get it into the Crosstalk.

Speaking to some young amateur who knows how to write and has access to a computer, how about picking up the Editor's job from John Keller, X50116? He is just about ready for the funny farm with the job, church, and new harmonic.

Best of 73 and see you down the log.

Tidbits from the Jolly Little S...!

One of the most interesting comments I have heard about this rag recently is that there is too much stuff it and it only gets skimmed instead of read thoroughly. So I am returning to the format where I do not do any reduction before the printing. It's easy on me and others too so if you like it one way or the other please let me know.

I am still looking for a newsletter editor to replace me at the end of the year. My phone does not ring off the hook with offers to take over the job, so I thought the reduced quantity version might attract someone who felt the other version was too much to take on.

Hams or others with a technical bent are being solicited to read technical material including ham handbooks into a tape recorder for later use by blind hams and aspiring blind hams. The warm feeling that comes from this task will repay you in spades for a bit of spare time each week devoted to the task. Call (213) 664-5525. It's a great feeling.

Steve O'Neal, N6CRR, Club Vice President made another TRW newspaper. The March/April issue of the Sentinel has an article about Steve being awarded \$5,000 (no, I did not slip in some extra zeros or forget the decimal point) for a cost cutting suggestion. Steve says he paid some bills and bought a computer with the money. What! No amateur radio equipment!?!? By the way the company says it has saved \$360,000 on Steve's suggestion.

Bill Dews wrote a note thanking all of the Amateur Radio Clubs for reprinting information concerning the TRW Amateur Radio Swap Meet held the last Saturday of the month. As time goes on the rules must change and we really appreciate the effort put forth by your club's Editor for getting this information in to your newsletter. We need the support of all hams to keep this Swap Meet the best of its kind in the nation. We have been under pressure from TRW to clean up some of the operations and your support will insure that we stay open for everyone.

Executive Board Meeting 7 May 1987

Jim Wike, W6GPE

President Chris Wachs called the meeting to order at 5:40 P.M. on 5/7/87. He announced that the offices of Club Secretary and LAACARC Representative are open. Board members are urged to recruit. Reports follow:

Rich Sauer, Technical Chairman.

Antenna Noise Bridge has been received. The RC-85 repeater controller has been received. The control phone line to the E2 repeater site is dead. An alternative would be installation of a 450 MHz control link. Perhaps a Club 450 handheld could be used here. Rich will check further. The 40 Meter two element Quad antenna has been repaired.

Bill Schrecengost, Field Day Chairman.

We still need more band captains. We need extension cords and have not found those that were used last year. We need tents and trailers for Field Day. We have received the new 40 Meter vertical antenna.

Bill Dews, Membership Chairman.

We presently have 173 members.

Jim Wike, Activities Chairman.

The first Club Picnic for 1987 was held on May 5th and about 20 people attended. Next picnic will be on June 3rd. There were \$4.80 in contributions at the picnic.

Dave Stockwell, Treasurer.

The treasury is in good condition and capable of paying for the recent purchases of equipment.

Walt Pearson, Past President.

Problems in obtaining a room for the Club General Meetings were discussed. Walt reports that the situation is now resolved. Swap Meet Report.

There are complaints that the lines are too long at the portable toilets. Some contributors want more facilities. It was agreed to provide two toilets at the next Swap Meet.

Crosstalk

John Keller needs inputs by Friday 5/15/87 for the next issue.

Chris Wachs proposed that the Club dispose of the old rusty crank-up tower presently stored on the roof of Bldg. 65. A motion was made, seconded and passed unanimously to sell it for \$5.00.

It was also reported that the San Diego area TRW employees have contacted us regarding formation of a San Diego TRW ARC. They will be referred to SEA.

The meeting was adjourned at approximately 6:30 P.M.

From the Library

George Lee, W6IOW

What's New in the May issues of:

QST: Split screen RTTY for ATARI (400, 600XL, 800XL & 130XE).

A Few Thoughts on Emergency Power.

Product Review of ICOM u2AT.

Product Review of Heath IM-2320 Multimeter.

What's going on in the new novice bands? (Band Plans).

CQ: Review of Santec ST-20T 2M HT.

Review of Cushcraft 40-2CD 40 M Yagi.

Getting your Voice Speed Up (Tailor adjustments to your voice).

HR: ANTENNA ISSUE

2 element HF Beams (design info for different configurations).

Yagi Triangular Array (stacking performance).

A No Compromise, Multiband, Low VSWR Dipole.

Gamma Matching Programs for the C64/128.

Optimized 2 and 6 Meter Yagis

Grounding, Shielding and Isolating.

73: Not yet received

You are encouraged to use the library at any time. Please put the magazines back in sequence with the latest issue at the top. Thank you.

W6AM Radio Museum

The R.P.V. City Council approved the concept of the W6AM Radio Museum at the February 3rd meeting with a 5-0 vote. It will require the developer to set aside a 30,000 square parcel of land on Armaga Springs Road to serve as a park site. The existing Don Wallace residence will be moved onto the newly created park site. This will occur within 12 months after the tract map is recorded. The Council decreed that this project shall be completed at no cost to the City Taxpayers, and suggested that a non-profit foundation be established to accept donations to cover the costs of establishing and maintaining the museum. If sufficient funding cannot be raised in the next twelve months, the property shall revert back to the developer and he shall be free to build and sell three homes on the site.

Wanted -- For Sale -- Freebies

For Sale: From the estate of a Silent Key; Kenwood TS-820S, Realistic DX-150A comm. rcvr., Realistic "high fidelity" speakers, Craig D101 "automatic shut-off system", Ameco code course (tapes), Heathkit HM102, Misc. books. Telephone 377-7322, Randy, W6ZWS.

For Sale: Icom 2AT Handheld with SS-32 PL, wall charger, speaker mike; (2) Kenwood handheld speaker mikes; Bird Model 43 Watt Meter w/ VHF and HF slugs. Contact Bill Schrecengost at 536-3316 (work).

One company in Cleveland lays it on the line. "We tell our salespeople," a company representative said, "that if they do a good job they get to keep it."

QSL Cards

In case you may be wondering, the TRW/ARC has lots of great looking QSL cards available to members at a terrific price to members. The cards have an artists idea of how the Gamma Ray Observatory will look on orbit. The cards are suitable for printing your call sign on the front with any other info you may want. Since they can be printed on they are not "sealed" and they will pick up oil from your hands. If you plan to use no printing on the front or maybe the Samco stickers, the cards should be sealed with a light coat of Crystal Clear Krylon first.

If you are interested in getting your hands on any of these cards, just contact Mel Erb, QSL Card Manager and he will fix you up. Mel's phone number and mail station are on the back page.

If that wasn't enough, those guys over at Lockheed in Burbank (W6LS) are offering QSL cards too. They have four different ones and offer to do the imprinting too. The cards include a P38 WWII fighter, P3C Orion anti-submarine patrol aircraft, SR71 super fast spy plane, and the L-1011 commercial trijet transport. All cards imprinted at \$45 per 1000 cards, picked up at W6LS. Aircraft cards can be ordered in combinations of even 100's to make 1000. Submit info for imprint exactly as wanted. Callsign, name, street address, city, state, county, country (if other than USA). Contact W6LS or Ken, N6KOC, at (818)848-4971.

New Members -- Old Members

Welcome to the Club:

Arthur J. Roberts, W6UPL, holder of a General ticket and a ham for 46(!) years. Arthur likes it all, HF, VHF, UHF, Packet and computers.

G. James McKee, Jr., WB6ROP, and Patricia A. McKee, WB6UAH, both holders of Technician class licenses. Their interests include VHF, UHF and ATV.

Lisa Mount, not yet a ham but actively looking for a class to get the code and theory necessary for a Novice ticket.

And welcome back to those renewing a little late; Gary Cooper, WB6RLN, and all the Buskirks - Jim, N6HJP, Mary, N2FIW (mom), Carl, KA2WHU (brother), Joel, KA2WHV (brother), and Stephen, KF6CV (son).

Badges have been ordered and should be available at the next meeting for; Barry, W6TZF; Jim, WB6ROP; Tom, N6PAN; Dennis, K6AGU and Art, W6UPL.

First Club Picnic of '87

Bill Dews, K6AWO

Luella did it again! Jim did show up later after all the food was set up. Matt Orlich of ETR fame got into helping out before any of us got there. Sammi Komatsu gave Bill Schrecengost an old recipe for 15 T-shirts that got ordered a few years back. An old-timer joined the W6TRW Picnic by the name of Art Roberts. We had two full tables of old members and new members talking and eating away. The Club badges with name and call sign were not always in view. Try a little harder to wear yours the next time to make those introductions a little easier. The weather was the best we have had in a long time - perfect for a Picnic! A few of you didn't make it because you did not read your Crosstalk - this month write down the dates on your calendar for the Club events you want to attend. We all had "Sloppy Joes" and fresh green salad with all the goodies. Of course, the chocolate fudge cookies with all the cold drinks you could want. Just remember next month and maybe call someone and drive to El Nido Park together.

Amateur Radio BBS

Jeff Stewart, N6JI

There is a new Amateur Radio related Bulletin Board Service (BBS) called Amateur World. The telephone number is 213 377-0450. The modem set-up is 8 bits, 1200 baud, 1 stop bit and no parity.