

cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



SEPTEMBER 1983

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

Garrett/W6TRW 2-Meter Repeater: 145.32 Receive — 144.72 Transmit (2A-PL)

TRW UHF Repeater: 447.000 Receive — 442.000 Transmit

CALENDAR FOR SEPTEMBER AND OCTOBER

Sept. 24, 8-11 am	Swapmeet.
Sept. 27, noon	Club Meeting, R4/1041. Speaker will be Fred Apper, with a videotape from the ARRL on the upcoming Shuttle mission.
Oct. 11, after work	Executive Board Meeting; all are welcome.
Oct. 28, noon	Club Meeting--please note that this is a Friday.
Oct. 29, 8-11 am	Swapmeet.

NOTES FROM THE EDITOR -- Phyllis Gilmore, KE6TC

Welcome to new members Fred Apper (N6JDO) and Chet Anderson (K6AVQ).

For those who may be acting as an "Elmer" to a prospective novice, I have some information from the ARRL available. They have, among other things, developed a list of multiple choice questions from which to develop the exam. As of this date, the FCC still hasn't backed away from the statement that one employee can't give another employee the test, however.

AN ANTENNA WORKING PARTY will be held at the club shack on October 8, starting at 9 am. Bob Hume, our Trustee, is looking for 11 good sets of hands, especially for someone brave enough to work up on the tower. Contact Bob at 217-3624 (work) or 376-4192 (home).

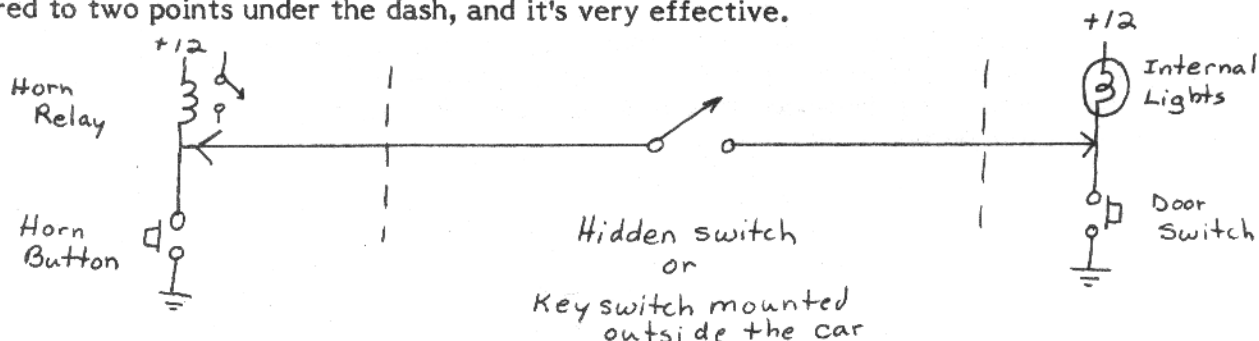
Although I didn't attend the Family A'Fair, I hear the TRW/ARC booth sported a working RTTY station--computerized, of course. Dave Gilmore reported a lengthy demonstration QSO with Norm Stockwell in Torrance, as well as with a similar setup at the Computer Club's booth.

I ran into a couple of club members at the ARRL convention: Bill Dews and Lin Hamilton. I enjoyed hearing all about antennas and RTTY (among other things), but wasn't overly impressed with the commercial area. Still, I enjoyed myself, and the banquet speaker was well worth the time.

For those of you who don't know, C & A Roberts, Inc., now has a new store, located at 18511 Hawthorne Blvd., Torrance. The phone number is 370-7451. Art is an old friend of our club.

BURGLAR ALARM SYSTEM FOR YOUR CAR -- Jim Richardson, K6PDR

I have used this burglar alarm system on several cars. It only requires the addition of a disable switch wired to two points under the dash, and it's very effective.



MEETING MINUTES -- Walt Pearson, N6DZM

General Meeting, 28 June 1983

Thirty-six people attended. President Bill Rodner called the meeting to order and introduced the visitors present. The financial statement was read and approved and the prior meeting minutes were approved as printed in the August Crosstalk. Bill cautioned members about transmitting information regarding vacation plans for security reasons. He stated that the TRW repeater has been heard as far away as Last Chance Canyon, 40 miles north of Mojave.

President Bill Rodner commented on the following items: picnic at Pollywog Park at noon on the 13th; overprinting method of creating QSL cards from post cards; sale of deceased individual's amateur radio equipment; communicating with Owen Garriott aboard the Space Shuttle in October; and the ARRL convention the weekend of 3-4 September.

John Orr (KX6A) gave a demonstration of morse code keyer/trainers and readers. The possibility of starting a code class will be addressed at a future meeting.

Chris Wachs (WA2KDL) discussed the recent Oscar launch and characteristics of the satellite, which will be available for operation six hours each day. He described the operation of the club Oscar station and plans for an open house at a date to be announced.

Ray Jordan of the computer club discussed arrangements for two computers to communicate via radio at the Family A'Fair on 10 September.

The door prizes were two socket wrench sets, three multimeters, and two club patches.

Executive Board Meeting, 12 July 1983

Attending were Bill Daley, Bill Dews, Fred Garrett, Dave Gilmore, Bob Hume, John Keller, Gary Komatsu, Walt Pearson, Jim Richardson, Bill Rodner, and Bill Schrecengost.

President Bill Rodner appointed Bill Dews chairman of the nominating committee for 1984 officers, to be elected by ballot in December. Bill also appointed John Keller chairman for the club dinner, to be held in November. The door-prize chairman slot is still open. A motion was made by Gary Komatsu, seconded by Dave Gilmore, and passed by the board to allocate \$150 for door prizes, \$160 for trophies, and \$350 toward the dinner cost.

The speaker for the next General Meeting on 27 September will be Fred Apper, who will show an 18-minute ARRL videotape about the next flight of the Space Shuttle, STS-9. Bill Schrecengost (KE6LB) will also show his videotape of Field Day activities.

Vice President Fred Garrett reported for Treasurer Connie Gilmore that the treasury is in excellent condition. Minutes of the last month's meetings were approved as printed in Crosstalk. Walt Pearson has received the User's International ICOM and Kenwood newsletters and has them available for loan.

Activities Chairman Gary Komatsu was authorized to buy 40- and 80-meter antennas for the club station and 2-meter antennas for the repeater system. A question was raised about how many members would be interested in 6-meter equipment for the club.

Trustee Bob Hume has the KT34XA antenna and Tailtwister rotator in his garage. Saturday October 8th was designated as the day for an antenna party. Bob was authorized to buy the other various parts needed for installation.

LAACARC Delegate Bill Daley advised that a new special service club is being created. He will be getting more data on the new Novice examiner requirements starting 31 August.

Emergency Coordinator Dave Gilmore reported that 36 members are on the Emergency Coordination Team roster. Participation in the Family A'Fair aided minor injuries and a lost child.

Membership Chairman Bill Dews reported two new members, with the total now 150. Five new badges have been ordered for identification of Swapmeet officials. Bill received a letter from the ARRL requesting donations to the Oscar fund. A motion by Gary Komatsu to donate \$100 to the fund was seconded and passed.

MEETING MINUTES, CONT.

Technical Chairman Jim Richardson will recharge the handtalkies used at the Family A'Fair. Jim has researched data on digital multimeters and will route it to the board members for final decision on procurement. He also requested articles for inclusion in Crosstalk.

Bill Schrecengost commented on commercial sales at the Swapmeet. The Swapmeet is for amateur radio operators and electronics technicians only. Commercial vendors are not welcome and will continue to be turned away when identified as such.

John Keller discussed problems experienced at the Family A'Fair as lessons to be learned and applied to future events. John volunteered to teach a Novice through Technician class. The requirements are in the September QST. He will try to get code tapes and develop a plan and schedule. An examiner will be needed.

There will be a coordinated club effort organized for communication with the Space Shuttle (STS-9) in October.

FOR SALE -- Heath HW-104 low-band transceiver. All solid state, 10 through 80 meters, 12 VDC. Works fine, looks good. Also, a Hy Gain TH6DXX tribander. Used, OK condition, tuned to SSB bands. \$75 (guaranteed to work) 250.00 (ask Bill for translation). Bill Schrecengost (KE6LB) M4-2047, x56271.

MORE ON OWEN GARRIOTT, W5LFL -- Forrest, N6ENV

Launch date for the mission is now set for October 28th, and the ARRL will be the QSL manager. You will transmit from 144.910 to 145.470 (in 20kHz steps) and listen on 145.550. Garriott will transmit on the even minutes (for one minute) and then listen on the odd minutes (for one minute). He will log all calls heard and then acknowledge the calls heard. There may also be the possibility of regular-type QSOs.

Ground stations should be able to make excellent contact with 10 watts to a vertical. However, a turnstile antenna -- no higher than rooftop level (giving a higher angle of transmission) -- may be preferable at times. In fact, it is believed that 1½ watts into a "rubber duck" will be sufficient for contact. The signal from Columbia will be strong enough to be received on a scanner's indoor antenna.

Columbia will have an altitude of 155 miles and will circle the earth in 90 minutes. Garriott's amateur activity will be on his rest periods. The crew will have a 12-hour work schedule and a 12-hour off schedule.

Garriott will call for areas or sections of the countries he passes over. With an inclination of 57 degrees, most of the earth's land will be covered during a day. It is expected that Garriott's operating time will be about one hour per day. He hopes to make contacts with amateurs in all nations.

The ARRL will furnish you with press information for your local media, and this should be outstanding publicity for Amateur Radio. You could tape record the contacts and give the tape to your local broadcast station. Still being worked out are HF relays to assist amateurs in tracking Columbia. '73 and good hunting.

A WORD FROM YOUR NOMINATING COMMITTEE CHAIRMAN -- Bill Dews, K6AWO

Please send me the names of people you would like to nominate for club office. I'll be calling many people to ask if they can be an officer, and will need all the help you can give. Please ask the person, first, if they can serve the club. My mail address is 135/2266. So, come on now, look around -- or send your own name!

DID YOU KNOW? It's still true--you get a free door prize ticket if you wear your TRW/ARC badge to club meetings. If you don't have one with your current call on it, drop Bill Dews a check for \$2.00, along with your name and call. Wear them at Swapmeets and picnics too.