



cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



JULY 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 JULY AND AUGUST

July 26, Noon	Club Meeting, R4/1041.
July 27, Noon	Picnic at Pollywog Park (rescheduled from the 11th).
July 30, 8-11 am	Swapmeet.
August 9, after work	Executive Board Meeting. All members are welcome.
August 12, Noon	Picnic at Pollywog Park.
August 27, 8-11 am	Swapmeet.
August 30, Noon	Club Meeting.

NOTES FROM THE EDITOR -- Phyllis Gilmore, KE6TC

Field Day 1983 is over, and I'd like to be able to report on the number of contacts made and the point total, but the information wasn't available at press time. This issue includes some photos of the event.

You win some, you lose some: One person wrote in to point out a typo in the CW filler last month, the very first letter. Ten brownie points to the person who finds the other typo.

On the computer front, an enthusiast named Don Carlile wrote in to offer his assistance. He can be reached at x61788, R6/1537.

The latest issue of the W5YI Report gave some information about the new Novice testing provisions. Under the new rules, which apparently become effective on August 31, 1983, volunteer examiners will give and grade both CW and written portions of the test, selecting 20 questions from a prepared list of 200. The catch, according to the Report, is that the prohibition against family-member relationships between tester and testee is now being extended to employee-employer and employee-employee relationships! This sounds strange to me, because it would mean company-sponsored clubs (like ours) wouldn't be able to administer the tests. I'm looking into this one.

THANKS FOR AN INTERESTING 24 HOURS

The following hardy souls served as operators and/or loggers for TRW's Field Day activities. Our apologies if we missed anyone.

40 CW -- Bob Hume (KG6B) and Bill Schrecengost (KE6LB).

20 SSB -- Carl Kennedy (WB6TDE), Herb Gleed (W6FQ), Frank Cartier (WA6RAY), Fred Reed (W6UMC), Mas Fujimoto (W6CZL) and Jim.

20 CW -- Norm Stockwell (N6NS) and John Orr (KX6A) (who was also on 15 CW).

15 SSB -- Ken Edwards (KE6NA), John Shepherd (WB6VXY), Paul Herbert (N6HXY), Dallas Shepherd (WA6LTK), Paul Weisz (K6YQ), and Skip Blomer (KD6JA).

2 meter FM & SSB -- Phyllis Gilmore (KE6TC), Dave Gilmore (WB6IDJ), John Bennett (KA6YVJ), and Stan Johnson (W6EKK).

And a special thanks to the cooks: Sami Komatsu, Ann Schrecengost, Trudy Rodner, and Sue Kennedy.

MEETING MINUTES -- Walt Pearson, N6DZM

General Meeting, 28 June 1983

Twenty-eight people attended. President Bill Rodner welcomed new members and guests and thanked those who participated in Field Day activities. Prior meeting minutes were approved as printed in the June Crosstalk. The club will participate in the TRW Systems Employees' Association Family A'Fair on 17 September.

Vice President Fred Garrett, standing in for Treasurer Connie Gilmore, reported the treasury to be in excellent condition. The club is planning to buy antennas for the club station and is looking for portable towers for future Field Days.

Jim Richardson (K6PDR) gave a short talk on a dual-tone multifrequency decoder. Jim provided a copy of the schematic, printed elsewhere in this issue.

Chris Wachs (WA2KDL) reported on the recent AMSAT launch. The western U.S. AMSAT Net meets at 8pm on 3850 kHz LSB.

Activities Manager Gary Komatsu reviewed the club's Field Day participation in class 6A. He will tabulate the results and send them in to the ARRL. He estimated that we earned 2000 more points this year over last. Gary expressed special thanks to the wives who prepared the delicious food during the event. Bill Schrecengost (KE6LB) showed his videotape of the Field Day activities.

The door prizes were two each multitesters, socket wrench sets, and clock pens.

Executive Board Meeting, 12 July 1983

Attending were Bill Daley, Bill Dews, Dave Gilmore, Jim Hill, Bill Ivey, Gary Komatsu, Walt Pearson, Jim Richardson, and Bill Rodner.

President Bill Rodner called the meeting to order and announced the Swapmeet Manager assignments for 30 July to be Mike Aust (WB6DJI) and Jim Richardson (K6PDR). Meeting minutes were approved as printed in the June Crosstalk.

Activities Manager Gary Komatsu plans to visit a tower manufacturer and expects to acquire two portable antenna towers for the club. Club membership in TASMA is being renewed. Gary is working on the club satellite communications system, as time permits. The club 2M transceiver PL needs repair. Action was postponed on ordering a new HF antenna and rotor until data on various alternatives is available.

LAACARC Delegate Bill Daley reported that hams are getting media publicity on TV channels 2, 7, and 11. He reviewed the ARRL petition to the FCC to preclude cable TV from operating on amateur radio frequencies. The LAACARC has signed a cooperative agreement with ARES and has plans to operate ham communications during the Olympics. Bill also circulated applications for the 1983 ARRL Southwestern Division convention, September 2-4, in Anaheim.

Emergency Coordinator Dave Gilmore reported that Jim Richardson has volunteered to refurbish the club handtalkies and maintain them with batteries charged. Jim was thanked for his help in this very necessary function.

Membership Chairman Bill Dews reported that there was one new associate member last month, bringing the total number of members to 146.

SEA Council Representative Bill Ivey stated that the semiannual report to SEA, due by 8 September, is in work. The TRW ARC is starting plans for activities at the Family A'Fair, set for 17 September.

Acting Swapmeet chairman Jim Hill reported that hot dogs have been added to the concession menu. Discussion of seller limitations and problems of expansion followed.

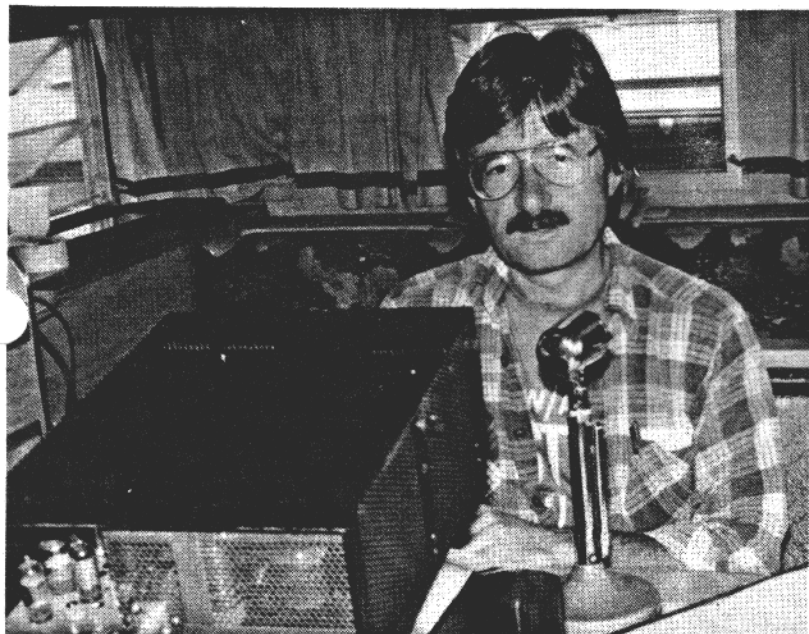
Jim Richardson made comments regarding objectives toward the betterment of the club and development of personal capabilities of members.

CLUB EQUIPMENT FOR LOAN -- Bill Dews, K6AWO

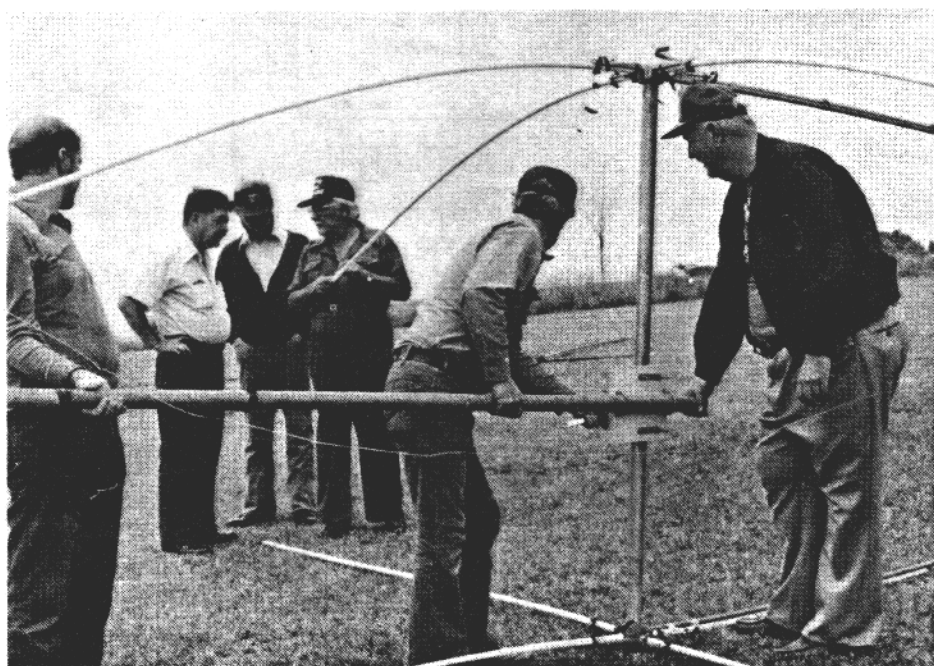
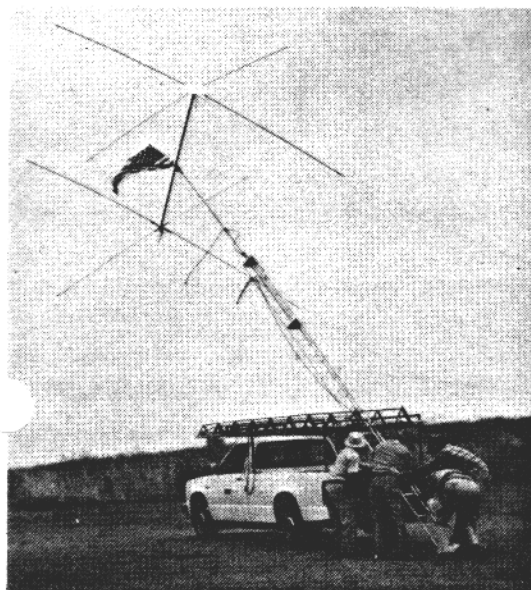
The following TRW ARC equipment is available for loan to members: Bird 43 wattmeter with 6 elements; ICOM 2AT, 3AT, and 4AT hand-held transceivers; DSI C-120 frequency counter; and a Heath deviation meter. Call me at x53392 for scheduling and checkout.



photos by KE6TC



TRW/ARC
W6TRW
FIELD DAY



FIELD DAY 83 — MONDAY AM QUARTERBACKING — Bill Schrecengost (KE6LB)

Field Day 1983 is now history, and while it is fresh in my mind, I must record the things we didn't do right and the things we must do to correct these shortcomings next year.

First, we must always have backup power sources that are capable of powering all of our stations. We did have two portable generators, which we quickly got on line when the big generator quit in the middle of Saturday afternoon—but they didn't have the capability to supply all six stations.

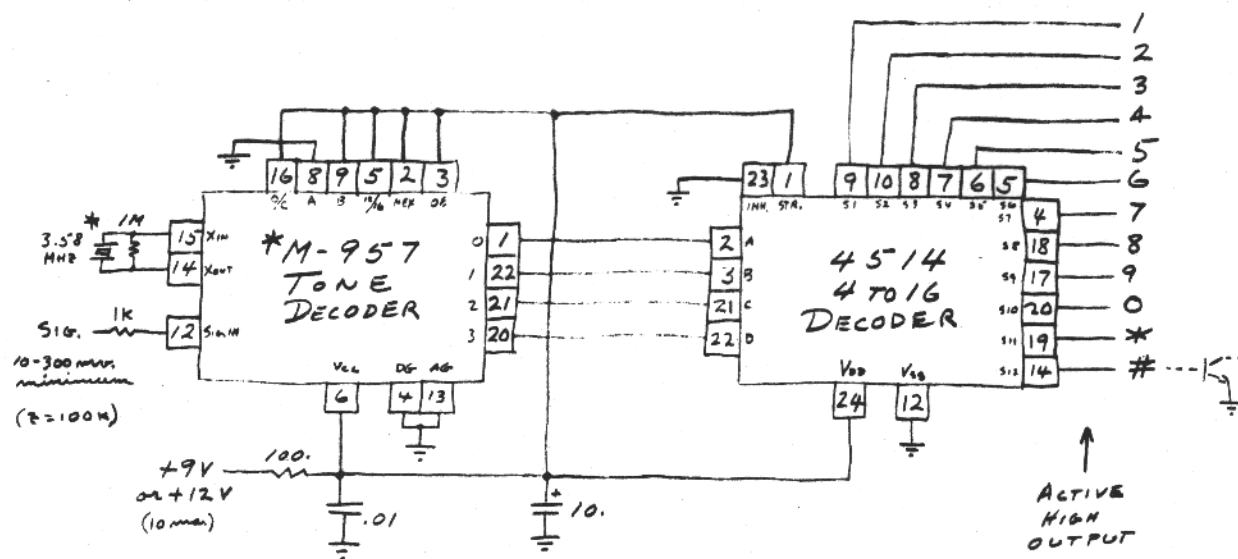
Second, only two of the six stations were properly manned, 15 and 20 meter SSB. The remaining four bands only had one scheduled operator each.

Third, every station should have a backup antenna (such as a long wire, dipole inverted V or vertical) that can quickly be used if the primary antenna isn't working. The 20 CW station had antenna problems and never got going, even though the band was really hot. This, and the undermanned 15 CW station, hurt us with respect to ARRL contest ranking.

In summary, I suggest we plan for next year to have adequate backup generators, adequately manned stations, and—for sure—backup antennas. The Friendship Park site was excellent, and we should commit it for 1984. The food service, provided by TRW ARC XYLS, was superb, no improvement needed there. In spite of the few problems we encountered, all participants had fun, and we demonstrated, for the most part, our emergency communications preparedness.

One last comment: The true spirit of emergency communication preparedness is to arrive at the Field Day site Saturday morning, set up quickly, and start operating at the prescribed time. This is what we would have to do if a real emergency occurred. We should consider doing this next year.

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.



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STREET.....
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	Each Person----	Number
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ADVANCE REGISTRATION ONLY (Postmarked before Aug. 15)	\$ 6.00	____/____/
BANQUET ONLY - BEFORE (Aug. 15 postmarked)	\$17.00	____/____/
ADVANCE LADIES LUNCHEON	\$ 9.00	____/____/
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LADIES LUNCHEON (O.M.'s Welcome)	\$10.00	____/____/

CHECK/MONEY ORDER ENCLOSED FOR \$.....IN PAYMENT FOR TOTAL ABOVE.....

BANQUET NOTE: Reserved banquet seating is possible for those pre-registering, if payment for ten (10) Banquet tickets and Pre-registration tickets are sent in ONE ENVELOPE. Upon receipt, a table will be reserved and ticket with table reservation number will be in your registration packet. No table position is promised, as they will be drawn at random from all table numbers; however, this new seating concept will permit you to sit with your friends and avoid the usual seating scramble.

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NOTE: Only a limited number of banquet tickets will be sold at the door. Be sure to state you are attending the ARRL Convention when requesting hotel reservations. Room rates for Convention attendees are: \$50. per night, single; \$55. per night, double; \$60. per night, triple. These rates apply 3 days prior and 3 days after the Convention. Please check your preference for breakfast, Su. Sept. 4 / / DX / / QCWA / / WCARS / / FM / / MARS / / TRAFFIC / / RTTY. Breakfast tickets will be sold Sat. Sept. 3 in the registration area. Breakfasts and prices will be controlled by the sponsoring group. Breakfasts held will depend on sponsors and your interest. Requests for refunds must be postmarked prior to August 15, 1983.

AMATEUR RADIO CONTACT:
CHUCK WILLETT, WB6QKB - PHONE: (714) 994-5674