



# cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



JUNE, 1980

NEXT MEETING:	WED., NOON, JUNE 25, 1980
LOCATION:	R4-1041
SPEAKER:	FRANK KELLY, MODEL AIRPLANE CONTROL

# FIELD DAY

## IT'S FIELD DAY TIME AGAIN!!

Field Day, this year is on Saturday and Sunday, June 28 and 29. The Palos Verdes school sites we have been using are not available this year, so we're going back to the Navy Fuel Depot in San Pedro. Those of you who can remember back 5 years or so will recall that the Fuel Depot offers a fine spacious place for Field Day operations. We placed first in our class twice in the three years we used this site. Inside you'll find details on Field Day - Time, Place, Mode of Operation. Call the team captain of your choice, and come out and join us.

### TRW SYSTEMS AMATEUR RADIO CLUB 1980 FIELD DAY BULLETIN

TO: ALL TRW/ARC MEMBERS AND PARTICIPATING NON-MEMBERS  
SUBJECT: ARRL NATIONAL FIELD DAY, 28 - 29 JUNE 1980

1. THE TRW/ARC WILL PARTICIPATE IN THE 1980 ARRL NATIONAL FIELD DAY ON JUNE 28 - 29 1980. IF YOU HAVE NOT SIGNED UP FOR THIS ANNUAL EVENT, CONTACT THE TEAM CAPTAIN OF YOUR CHOICE IMMEDIATELY.
2. TRW/ARC FIELD DAY COMMITTEE FOR 1980 IS:

CO-CHAIRMAN:	PAUL WEISZ, K6YQ
	BOB HUME, KG6B
FOOD	JAN LEE
POWER	GARY KOMATSU, K6HPD
PUBLICITY	BILL RODNER, K6AWS
NATURAL POWER AND SATELLITE COMMUNI- CATIONS	AL LEE, W6KQI

TEAM CAPTAINS

15/80 CW	JIM WILSON, N4AMR
20 CW	STEVE HARRISON, WB6PKA
40 CW	BOB HUME, KG6B
NOVICE CW	RALPH CLARK, KA6AVF
VHF	AL LEE, W6KQI
6/10 SSB	CARL KENNEDY, WB6TDE
15/75 SSB	KEN EDWARDS, WB6VYY
20 SSB	BILL SCHRECK, WA6EVS
40 SSB	OLLIE SAUNDERS, N6OS

3. THIS YEAR'S FIELD DAY SITE IS ONCE AGAIN THE NAVY FUEL DEPOT IN NORTH SAN PEDRO (SEE MAP).
4. ENTRANCE TO THE SITE IS ON GAFFEY STREET, NEAR THE POLICE PISTOL RANGE. ANNOUNCE YOUR DESTINATION AND PURPOSE TO THE GATE GUARD, AND FOLLOW THE SIGNS TO THE FIELD DAY SITE.
5. FINAL EQUIPMENT SETUP WILL BEGIN SATURDAY AT 0800 PDST: OPERATION IS SCHEDULED FOR 24 HOURS STARTING AT 1100 PDST ON SATURDAY 28 JUNE. SWITCH WILL BE PULLED AT 1100 PDST ON 29 JUNE, SO THAT ALL HANDS CAN RETURN HOME BY MID-AFTERNOON, AFTER TEARDOWN.
6. SATURDAY LUNCH AND DINNER, AND SUNDAY BREAKFAST AND LUNCH WILL BE PROVIDED, TOGETHER WITH BEVERAGES AND ASSORTED SNACKS. (PLEASE BRING ALONG SOME OF YOUR FAVORITE GOODIES TO SHARE: COOKIES, BROWNIES, CAKES, CANDIES, ETC.) NOBODY WILL GO HUNGRY OR THIRSTY!
7. IF YOU ARE PLANNING TO SPEND THE NIGHT AT THE SITE, BRING YOUR OWN SLEEPING FACILITIES. BRING EXTRA CHAIRS FOR SHADE AREAS - NEED ALL WE CAN FIND.
8. THERE IS A HEAVY GROWTH OF DRY GRASS AT AND AROUND OUR OPERATING SITE. FIRE PRECAUTIONS ARE VERY IMPORTANT. BOOTS OR HIGH SHOES ARE RECOMMENDED IF AVAILABLE.
9. THE CLUB WILL BE OPERATING WITH OUR STATION CALL, W6TRW. REMEMBER, YOU MUST OPERATE WITHIN BAND LIMITS FOR YOUR OWN LICENSE CLASS.
10. FCC REGS REQUIRE THAT YOU HAVE YOUR ORIGINAL LICENSE IN YOUR POSSESSION WHILE OPERATING: BRING IT!
11. OFFICIAL ARRL FIELD DAY RULES WERE PUBLISHED IN MAY QST. ALL PARTICIPANTS SHOULD READ THEM.
12. ALL CONTACTS WILL BE LOGGED ON CLUB LOG SHEETS, WHICH WILL BE PROVIDED. THE LOG SHEETS WILL RECORD THE ESSENTIAL ELEMENTS OF EACH QSO, AND BASIC DATA ON OPERATION OF THE STATION: SEE THE ATTACHED EXAMPLE.

A. DATE, BAND, MODE, XMTR, RCVR, ANTENNA, POWER (SAME FOR ALL CONTACTS ON SHEET).

B. FOR EACH QSO:

TIME: 24-HOUR PDST (0000 - 2359)

STATION WORKED

HIS ARRL SECTION

HIS REPORT TO YOU

HIS CLASS (E.G. 6A)

YOUR SIGNATURE AND CALL SIGN/LOGGER'S SIGNATURE

A FRESH LOG SHEET SHOULD BE STARTED EACH HOUR, ON THE HOUR. THEY WILL BE PICKED UP HOURLY.

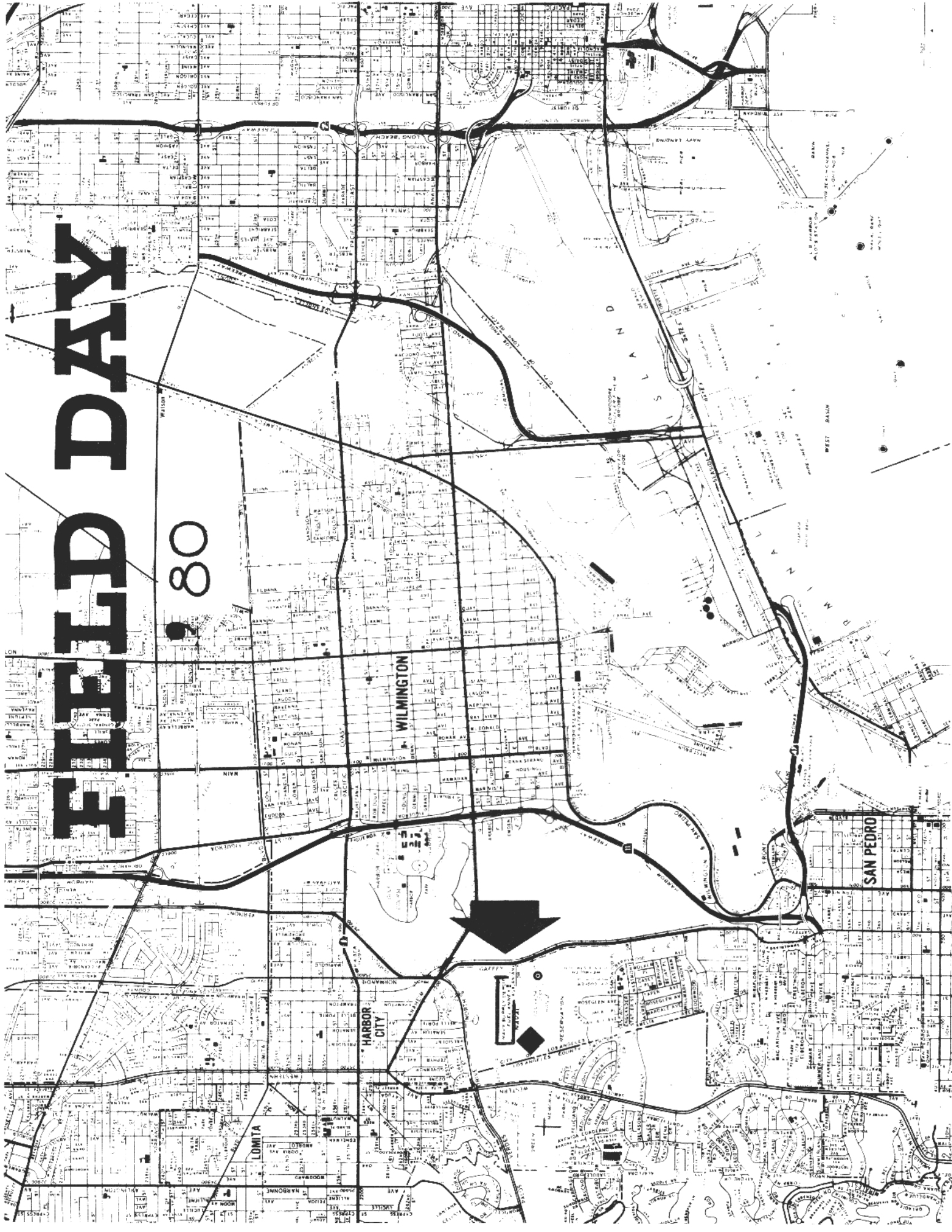
13. DUPE SHEETS WILL BE PROVIDED AT EACH OPERATING POSITION. THE LOGGER OR OPERATOR SHOULD ENTER THE CALL SIGN OF EACH STATION WORKED IN THE APPROPRIATE COLUMN, SO THAT THE SHEET CAN BE SCANNED TO SEE IF A CALLING STATION HAS BEEN WORKED BEFORE.
14. A TENTATIVE SCHEDULE FOR STATION OPERATION IS ATTACHED. WE ARE COMPETING THIS YEAR IN CLASS 6A: UP TO SIX RIGS ON SIMULTANEOUSLY, POWER INPUT 200 WATTS OR LESS. THIS IS A SOMEWHAT MORE COMPETITIVE CATEGORY THAN CLASS 7A, AND A HIGH LEVEL OF EFFICIENCY WILL BE REQUIRED IF WE ARE TO MAKE A GOOD SHOWING.
15. WE HOPE TO HAVE A SATELLITE TERMINAL IN OPERATION AT THE SITE, SO THAT WE CAN MAKE FIELD DAY CONTACTS VIA OSCAR 7 OR 8. WE WILL ALSO MAKE SOME CONTACTS USING "NATURAL POWER".
16. DURING A FIELD DAY EXCHANGE, GIVE SIGNAL REPORT, OPERATING CLASS (6A) AND YOUR (LOS ANGELES) ARRL SECTION. GET OTHER STATION'S CALL, REPORT TO YOU, CLASS AND ARRL SECTION.
17. IF YOU HAVE ANY QUESTIONS, CONTACT ONE OF THE FIELD DAY TEAM CAPTAINS.

#### FIRE SAFETY RULES

1. SIGHT IS COVERED WITH DRY GRASS. NO SMOKING EXCEPT IN DESIGNATED AREAS.
2. EACH STATION MUST HAVE A BUCKET OF WATER OR A FIRE EXTINGUISHER.
3. GOOD HOUSEKEEPING RULES ARE IN EFFECT. TRASH IN CONTAINERS ETC.
4. NO VEHICLES WITH CATALYTIC CONVERTERS WILL BE ALLOWED AT THE SIGHT.  
THERE WILL BE SHUTTLE VEHICLES TO TRANSPORT YOU FROM THE PARKING AREA.

# FIELD DAY

80



# TREASURERS REPORT - GENERAL FUND - MAY 1980

Balance on Hand - May 12, 1980

Checking Account	591.95
Credit Union Shares (5-1)	275.46
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Total	867.41

Balance on Hand - June 6, 1980

Checking Account	523.98
Credit Union Shares (6-5)	275.46
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Total	799.44

## LICENSE RENEWAL

Floyd Yamauchi, WB6APQ, your license expires 9-30-80. A renewal form 610 has been sent to you. Don't forget to send me a copy of your license with the new expiration date.

Mel K6GWC

FOR SALE: Icom - 22A 2 Meter Transceiver, Xlnt cond., 12 pair crystals, \$150.00

Bill S. x51583

## DOOR PRIZES

1980 Handbook	Dave Gilmore
Repeater Directory	Charley Speelman
Screw Driver	Dick Treece
Battery Charger	Al Lee
Advd. extra study guide	Steve Oneal

FOR SALE: Kenwood T.S. 820 S Dentron ML 2500  
Bart Earle WA6ZYT 377-1036 or 541-5936

## CROSSTALK

If you like Crosstalk and our Radio Club, how about becoming a member? Call DEWS, 55108, for membership form.

## THANKS!!

Thanks to Bart Earle, WA6ZYT, for the donated dinners for the June and July meetings. We received help in our purchase of door prizes for the last couple of months from Signal Electronics in Torrance. Many thanks to both our donators.

## W6TRW

Amateur Club, Military Recreation, and Races station license rules were approved by the FCC at its May 29 agenda meeting. As established back in March (HRR 294) existing licenses of all three classes will continue in force and renewable, but no new licenses will be issued. Thursday's agreement simply approved the rule changes required by the earlier decision.

Tnx H R Report

## "CHECK LOGS"

We were listed in the June QST under "check logs", for our participation in the ARRL VHF Sweepstakes contest. Do to an error in our bookkeeping records, we were not ranked with the rest of the Los Angeles area stations. We did well and hopefully our records will be accepted for the just completed ARRL VHF QSO Party Contest. Thanks to the ops, who put the club on the air.

## **SIGNAL ELECTRONICS**

DIV. OF SE ELECTRONICS  
STEREO - PARTS - CB RADIO - REPAIRS

JAMES A. GAGNON  
OWNER

378-5277

22307 OCEAN AVE.  
TORRANCE, CALIF. 90505

## SWAPMEET

The May 31st Swapmeet was the best attended yet. The parking lot filled up with sellers early and we had to turn several away. As usual there were many buyers and sellers there when we, the TRW/ARC operators, arrived at 7:15 a.m. I understand some earlybirds arrive as early as 6:30 a.m. To avoid overfilling at future swapmeets, we will move to the larger lot, where the TRW/SEA General Swapmeet is held.

TRW/ARC members manning the TRW/ARC Booth were Al Lee (W6KQI), Frank Cartier (WA6RAY), and George Lee (W6IOW). They dispensed a record amount of coffee and ran out of donuts at 9:30 a.m. (23 dozen).

The operators for the June 21 Swapmeet are Jim Hill, W6IVW; Ollie Saunders, N6OS; and Bill Dews, K6AWO. A listing of s/m operators for the remainder of 1980 follows. Anyone wishing to donate any ham related magazines or equipment should call me, WA6EVS at x51583, or drop the items at the Bldg. 65 ham shack or at the Swapmeet.

Reminder: The June Swapmeet will be held on June 21, the week prior to the ARRL Field-Day, and will be held at the large parking lot west of our usual site. See you there.

Bill S. WA6EVS

<u>MONTH</u>	<u>TASK A</u>	<u>TASK B</u>	<u>TASK C</u>
June	Jim Hill	Ollie Saunders	Bill Dews
July	Wayne Hale	Ed Wheeler	Steve Oneal
August	Bill Rodner	Bob Hume	Stan Johnson
September	Dave Gilmore	<u>Open</u>	George Lee
October	Ed Wheeler	Paul Weisz	Fred Garrett
November	Al Lee	Ed Thornley	Ollie Sanders
December	Wayne Hale	Bill Dews	Bill Rodner



Picture taken at the last TRW/ARC Swap Meet by Bill Schrek. See anyone you recognize?

## NEW TERMS

Have you been reading through the ads in the Ham Magazines and wondered what they meant by "New", "Distinctive" or "Futuristic"? Through the courtesy of Cora and the Electronic Engineering Times, the definitions of those terms and several others follow.

NEW: Different color from previous design.

ALL NEW: Parts not interchangeable with previous design.

EXCLUSIVE: Imported product.

UNMATCHED: Almost as good as the competition.

DESIGN SIMPLICITY: Manufactures costs cut to bone.

FOOLPROOF ADJUSTMENT: No provision for adjustment.

ADVANCED DESIGN: Ad writer doesn't understand it.

IT'S HERE AT LAST: Rush job, nobody knew it was coming.

FIELD TESTED: Manufacturer lacked test equipment.

HIGH ACCURACY: Unit on which all parts fit.

DIRECT SALES ONLY: Manufacturer had argument with distributor.

RUGGED: Too heavy to Lift.

LIGHTWEIGHT: Lighter than Rugged.

YEARS OF DEVELOPMENT: Finally got one that worked.

UNPRECEDENTED PERFORMANCE: Nothing we had ever worked like this.

BREAKTHROUGH: We finally figured out a way to sell it.

FUTURISTIC: Can't figure out another reason why it looks the way it does.

ENERGY SAVING: Achieved when the power switch is off.

DISTINCTIVE: A different color or shape from the competition.

NO MAINTENANCE: Impossible to fix.

REDESIGNED: Previous faults are corrected, we think.

HAND CRAFTED: Machine that assembles it is operated without gloves.

PERFORMANCE PROVEN: Will operate through the warrantee period.

MEETS QUALITY STANDARDS: Ours, not **yours**.

SATISFACTION GUARANTEED: Manufacturers, upon receipt of your check.

## FIELD DAY ADDENDUM

Starting about 23 May, the week before Field Day, the Fuel Depot facility will be operated by the Mercury Refueling Co., under contract to the Navy. This imposes a couple of new constraints on us:

Admittance to the site will be controlled by a gate guard. All club members and Field Day personnel have been listed for this purpose. Give the guard your name and mention the TRW/ARC.

We have not worked with the Mercury Refueling folks before, and they may not be familiar with Field Day or Amateur Radio. If you run into problems, get in touch with Paul Weisz, K6YQ, Bob Hume, KG6B, or Al Lee, W6KQI.