

Amateur TRW Club WB6WPO

cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

JULY 1970

VOL. III No. 7

President	Ed Thornley (WA6JHD)	R6/2174	62847
Vice President	Bill McClellan (W6VB)	M4/1951	50613
Secretary	Bill Thompson (W6PMV)	E2/6043	67093
Treasurer	Bill Dews (K6AWO)	R5/2230	64685
Activity Manager	Doug Freeman (WA6AZW)	M4/2243	53126
Assistant Activity Managers	Jerry Starkey (WA6LIJ)	M2/2145	51321
	Doug Heydon (WB6WDS)	M3/2087	50454
Trustee	Carl Rothrock (W6MYC)	S/389	50345
Cross-Talk Editor	Doug Heydon (WB6WDS)	M3/2087	50454
SEA Council Representative	Frank Halligan (WB6GBC)	S/540	67834
QSL Card Manager	Mac McGrew (W6YCZ)	M1/1128	62704
Emergency Coordinator	Al Lee (W6KQ1)	M1/1406	64530

JULY MEETING

BILL OGG - L.A. AMATEUR RADIO

R2/1055 1200-1300

29 JULY 1970

THE PREZ SEZ

By Ed Thornley (WA6JHD)

CQ Vermont....CQ Vermont.... Has anyone heard Vermont?? Those were the final words of a very successful Field Day 1970 from the W6VB/6 site on the grounds of Chadwick School 27-28 June. We worked 49 states and a few DX stations to accumulate well over 2000 QSO's and a point count of better than 15,000 in this year's operation. At the time of this writing, the logs are still being audited and typed for submission to ARRL Headquarters. If all goes well, you will find inside this issue of CROSS TALK a final tabulation of the score and the statistics that we will be turning in. We hope that we will place high in the 6A class as has been our habit the last couple of years!

THE PREZ SEZ (Continued)

All-in-all, we had a real fine Field Day this year, and I want to thank all of our members and friends who turned out and worked so hard and long to make this a memorable week-end in the history of the Club. Our special thanks to the gang from the Northrup Club is in order. They turned out in good numbers and carried a big piece of the action. This year, we were allowed to set up a novice station and the boys in this class showed that they can log QSO's too!

By the way, if anyone hears a Vermont station calling W6VB/6 on a delayed echo, snag him quick! We would like to apply for the Worked-All-States Certificate!

73's

Ed

NEWS AND NOTES

With the conversion to the Centrex phone system and some related office moves, it is possible that our Club records are now out of date. If you experienced a move or phone number change, please drop a note to Bill Dews, R5/2230 and advise him of same. This will assure your receiving the CROSS TALK on a timely basis.

CORRESPONDENCE

We received a letter from Harvey Hetland (WA6KZI) Section Communications Manager for the ARRL Los Angeles Section. Harvey is on our CROSS TALK mailing list and is following with interest our efforts to affiliate with ARRL. He passes along suggestions that will be helpful to the Club in this regard. As a matter of interest to you non-ARRL members, Harvey publishes a neat little monthly bulletin titled DIDIDUMDIDIDI, that is sent to ARRL members in the Los Angeles section. He also submits a monthly activities report to ARRL that is published in QST. Both publications have carried extracts from our CROSS TALK and we appreciate the publicity for the Club and individual members.

CAPACITORS WANTED

Fred Reed (W6UMC) is looking for variable capacitors in the 50 picofarad range, capable of handling up to 200 watts and suitable for ganging. Fred wants to build some band-pass filters for next year's Field Day. He has some good ideas that we could incorporate to minimize QRM from adjacent transmitters. Some of you may have some junk-box specials that Fred could use. If you do, give him a call at 261-7951.

LOST AND FOUND

Found at Field Day Site - Pocket Pencil Pack complete with pen and pencils - owner can claim same by calling me at 62847

CLUB QSL CARDS

Mac McGrew reports that we are doing a brisk business with our new Apollo Lunar Module Club QSL Cards. Any member, regular or associate, can order these cards. Give Mac a call at 62704 for further info.

WRITERS WANTED

We would like to repeat an earlier request for contributions to this Magnificent Monthly Missile that sometimes has a circulation of over one hundred avid readers! If you have something that you'd like to see in print, shoot it in to the editor, Doug Heydon, at M3/2087. Articles of interest to your fellow club members are earnestly solicited. Maybe you had a unique QSO, or built a new goodie for your shack. Or maybe you have a strong feeling on some phase of amateur radio that you'd like to sound off about. This is your CROSS TALK so take advantage of an opportunity to express some thing in writing.

CLUB CERTIFICATE

The TRW Amateur Radio Club issues a handsome certificate suitable for framing to any amateur, member or not, who works any five TRW Club member stations. We haven't awarded too many of these lately and have an ample supply. So spread the word as you operate. Requirements for issuance of the certificate are very simple. Just supply a listing of the five stations worked-call, name, date, band and mode. We don't ask that the QSL cards be submitted, just the listing of the five contacts. Send the info to me at R6/2174 and I'll see to it that the certificate is promptly issued.

73's

Ed

S.C.A.R.S.

By Al Lee (W6KQ1)

News from the Space Center Amateur Radio Society (WB4ICJ) is like news from most everywhere. It ain't all good! Layoffs are continuing around the Cape and NASA is enforcing their rules that Air Force civilians and contractor personnel are not allowed continuing membership in SCARS. Therefore, ACE (W4EAU), the club President, has "retired" and spending full time with ham radio. Roy (K4OJN), Vice-President and Publicity Chairman was also forced to leave the club. I don't know if there will be any WB4ICJ activity following Apollo XIV liftoff but the ex-members should be allowed to operate on that occasion.

F.D. FEEDBACK

Most all comments from participants in our Field Day activity were good to excellent. A few who were not kept busy all the time felt that the operation was not too smooth but in all the years I've been operating Field Day, I have to say it was the best coordinated ham club activity I've ever taken part in. I think the efforts of the

Chairman, Bill (K6AWO) and our club President, Ed (WA6JHD) are especially commendable. I feel the overall cooperation of the club members and TRW were excellent and the results of the contest attest this. We'll know for sure in November how our score compares with other clubs.

TREASURER'S REPORT

By Bill Dews (K6AWO)

Balance on hand 1 June 1970 \$274.04

Receipts

Dues	\$ 6.00	
QSL Cards	64.00	
Door prize tickets	<u>5.50</u>	
	\$75.50	<u>75.50</u>
Cash Available		\$349.54

Expenses

Field Day	\$120.04	
QSL Cards	40.00	
Phones (2)	15.76	
Door prizes	<u>19.07</u>	
	\$194.87	<u>194.87</u>

Balance on hand 30 June 1970 \$154.67

NEW MEMBERS

- o Mike Hirsch (WB6VBP) is a computer programmer and advanced class license holder. He prefers 15 and 40 SSB and also is interested in photography, music, hi-fi, astronomy and running. Sounds like a good "volunteer".
- o Ress Agra, who is not yet licensed, is a lab tech in OI. He is working toward his Novice license, with the help of an FB 75-A4!
- o Gordon Hammers (W6BYY), our newest Associate Member, works at Potter as an EMI fitter specialist. He holds Extra class, has been licensed for 19 years, and prefers 10M SSB in addition to flying.

SECRETARY'S REPORT

By W.M. Thompson (W6PMV), Secretary

TRW/ARC EXECUTIVE BOARD MEETING

15 July 1970

The monthly meeting of the TRW Systems Amateur Radio Club Executive Board was called to order at 12:13 p.m. on Wednesday, July 15, 1970 in R6/1553. Those present included Ed Thornley, Bill McClellan, Frank Halligan, Al Lee, Bill Dews, Doug Freeman and Bill Thompson.

OLD BUSINESS

- ACTION
THORNLEY

1. President Ed admitted that he and Bill McClellan still had the action to investigate the procurement of club jackets, to be worn by members at hamfests, on towers repairing beams, at Field Day sites, during ARRL conventions, and at other related occasions. Members who have knowledge of high-quality cut-rate sources should contact Ed or Bill.
2. The Secretary reported that a \$5.00 donation in support of the "DIDIDUMDUMDIDI" newsletter will be mailed to Harvey Hetland on July 17, as authorized at the June executive meeting.
- ACTION
THORNLEY

3. President Ed indicated ARRL membership is still marginal in spite of his appeal in the June Crosstalk. Discussion generated several proposals to increase individual memberships, including a joint Club/ARRL "package" membership fee. It was moved (Dews), seconded (Freeman) and voted to send a letter from President Ed to each non-ARRL Club member, including a Thornley "soft-sell" appeal, an ARRL application and packet of "here's why you should join" data, and an application form. Hopefully, we will soon be able to apply for Club-affiliation.
4. The "unknown" status of Honorary member P.J. Neiman in Puerto Rico has been changed. He is a friend of the Club Treasurer. Any detective work now in progress as a result of the item in last month's minutes is hereby cancelled.
- ACTION
STARKEY

5. It was noted that some repair and refurbishing needs to be accomplished on several items of club station equipment (oscilloscope and SX28 receiver). C.W. Jordan was identified as having volunteered to accomplish this; Jerry Starkey was handed the action item to arrange for this work to be done.
- ACTION
DEWS

6. It was moved (McClellan), seconded (Lee) and voted to pay \$5.00 to Dick Treece for the use of his pickup truck during Field Day. The Treasurer was so directed.
- ACTION
THORNLEY

7. Ed Thornley will write a letter to Jim Baird (TRW Electrical Maintenance), thanking him for our use of the generator and drop cords during Field Day.
- ACTION
THORNLEY

8. Ed Thornley will write a letter to the Supt. of Chadwick School, thanking him for our use of their property as a Field Day site.

SECRETARY'S REPORT (continued)

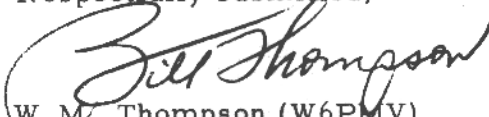
CROSS TALK
JULY 1970
PAGE 6.

NEW BUSINESS

1. Some time was spent reviewing Field Day. Details are included elsewhere in CROSS TALK.
2. The regular meeting of the Club on Wednesday, July 29, will feature Bill Ogg, of Los Angeles Amateur Radio Supply Company.
3. Ed Thornley reported that the Heathkit SWR Bridge has now been assembled and delivered to Test* for checkout. Consulting services will be solicited from Larry Weaver to make it read right (without fee).
4. The Club Station Manager was requested to submit a regular monthly status report on the Club Station. This to be either verbally to the Executive Committee, or in writing.
5. The meeting adjourned at 1:00 p.m.

ACTION
STARKEY

Respectfully submitted,


W.M. Thompson (W6PMV)
Secretary

* Fred Reed's shack.

FIELD DAY REPORT

Starting at 0800 PDST on Saturday, 27 June 1970, TRW/ARC Members and Friends appeared on the grounds of the Chadwick School at Palos Verdes. The chosen site, about 700 feet above sea level, presented a clear view of the entire Los Angeles Basin.

Under the capable direction of Bill Dews, K6AWO, General Chairman for 1970 Field Day, the barren site was soon sprouting poles, towers, beams and tents. Bill McClellan, W6VB, supervised the layout of the facilities in accordance with his previously established plan. About mid-morning, Dick Treece, K6RT, towed in the trailer-mounted 15KW gas-engine-driven alternator borrowed from the TRW Maintenance Department, along with a good supply of power cables from the same source.

It was thought that the alternator should be immediately tested so Ed Thornley, WA6JHD, brewed a pot of coffee using the big 75-cup boiler borrowed from the Components Department. The coffee tasted good but statistics would show that certain other BEVERages were more popular under the hot sun.

Bill Fisher, K6GZF, Publicity Chairman, was busy snapping the shutter of his camera and snagged some good shots of the action. One particularly good view was taken of Fred Reed, W6UMC, supporting a tower and at the same time, constructing an ash tray out of an empty BEVERage can.

Chief Cook Ollie Saunders, W1BJV/6, ably assisted by Danny Dews, WN6-IEZ, soon had the charcoal grill fired up and served a hot lunch to all hands before noon.

At high noon, W6VB/6 went on the air on the 2,6, 10 and 15 phone and 15 and 20 CW bands. First QSO was logged at 1907GMT(1207 PDST) by Stan Johnson, W6EKK on 2 meter phone. Real DX, Stan worked WB6ULB in Los Angeles! By 1930GMT, Doug Heydon, WB6WDS had worked six states on 15 CW with Drake 2NT peanut whistle.

Things went smoothly throughout the afternoon and evening. 15 meters wasn't too hot this year. It was slightly possible that a beam pointing towards Tahiti might account for a lack of response from the east coast. Who put that beam up?

The Culinary Department came through with more good chow and it looked like it was going to be a quiet evening. It got real quiet when the generator sputtered and died. Looked like an early end to the festivities until Stan Johnson found the right doodad to twiddle on the fidelator. (What do you want, good grammar, or 110 volts?) Seems like TRW runs its gas powered equipment on regular gas, but we added low-lead gas to keep it running. Anyhow, now the machine runs on low-lead gas.

This year, for the first time, ARRL permitted operation on the Novice Bands as a supplementary mode. We can count the points without penalty to our six-transmitter class of operation. Novice operators Cec Jordan, WN6KHF, Larry Dews, WN6FFU and Jeff Toten, WN6AFL gave a good account of themselves on the 40 and 80 Novice bands.

We want to mention too, that we had a good turn-out from the Northrup Radio Club. Bruce Charlon WA6MKL, Jim Jones WB6WWU, Jeff Toten WN6AFL, R.S. Bailey W6HCQ, Nilan Kincaid W6EIG, Clyde Reed WB6HLS, Don Fletcher W6LYY and Spud Monahan K6KH all showed up and pitched in with set-up, operation and tear-down activities in true amateur radio spirit.

We switched bands throughout the 24-hour operating period to maximize our total QSO count. As was mentioned above, 15 meters wasn't too good this year and 10 meters was disappointing also. Hopefully all our competitors had the same problems.

As night fell, some of the boys turned in for a few hours in a sleeping bag or the back seat of their car. We kept the rigs going all night with full crews according to the schedule worked up by Frank Halligan, WB6GBC. Brass-pounders Bob Hume WB6AQF, Steve Harrison WB6PKA and Don Fletcher W6LYY did an outstanding job of 20 continuous hours on 40 CW. Doug Heydon WB6WDS, Al Lee W6KQI, Larry Weaver K6LTY, Gordon Hammers W6BYY, Bill McClellan W6VB, Bob Sykes WB6OZV, Dick Treece K6RT all kept the dits and dahs flowing on the other CW bands around the clock.

The phone bands were busy too, with Fred Reed W6UMC, Claude Malott W6NYC, Bill Fisher K6GZF, Bruce Wade W6FKD, Jerry Starkey WA6LIJ, Mac McGrew W6YCZ, Frank Halligan WB6GBC, Bill Dews K6AWO, Ed Thornley WA6JHD, Stan Johnson W6EKK and Newell Field W6TQY along with the gang from Northrup taking their shifts at operating and logging. Jack Koho did plenty of logging in addition to helping set up. I'll bet next year, Jack will have his ticket and will racking up QSO's with the rest of us.

We were gratified at the quality of the logging this year. We were able to decipher nearly every entry and could even make out Bill Dews signature in the place where it said "Sign Name Legibly".

DX wasn't exactly overwhelming this year, but Don Battell WA6FYC snagged six VE's within one hour on 20 SSB. Bob Sykes WB6OZV got the best DX, JH1PQS near Tokyo, Japan on 20 CW.

Our biggest disappointment was the total lack of contact with the state of Vermont. We worked all other 49. When we pulled the switch at high noon on Sunday, Frank Halligan was still calling "CQ Vermont". Sorry to cut you off like that Frank, but you had 24 hours to do it!

It was a pretty tired bunch that tore down W6VB/6 early Sunday afternoon. But it was a happy bunch. It was a good field day and we should score quite high in the six-transmitter class. November QST will have the results, so keep your fingers crossed. We have included in this Cross-Talk a band-by-band summary. Those 2,037 QSO's look impressive.

Let's do it again next year!

73's

1970 Field Day Committee

P.S. Thanks, Bill McClellan for letting us use your call, W6VB, it should be pretty well known around the bands. We put it to good use.

TRW SYSTEMS
AMATEUR RADIO CLUB
FIELD DAY 1970

CROSS TALK
July 1970
Page 9

SUMMARY OF RESULTS

BAND	MODE	QSO'S	POINTS	STATES WORKED
2 Meter	AM	109	981	1
6 Meter	AM	47	423	1
10 Meter	AM/SSB	16	126	2
15 Meter	SSB	151	906	27
15 Meter	CW	141	846	29
20 Meter	SSB	402	2412	43
20 Meter	CW	231	2010	39
40 Meter	SSB	303	1818	30
40 Meter	CW	389	2334	40
75 Meter	SSB	144	864	15
80 Meter	CW	68	414	21
40 Meter	Novice CW	9	81	1
80 Meter	Novice CW	30	270	4

Total: 2037 QSO'S 13485 Points 49 States

Plus Bonus Points:

100% Independent power:1200

SCM Message: 200

Publicity 200

15085 Points