

Amateur TRW radio Club WB6WPO

cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

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President	Doug Heydon (WB6WDS)	M3/2580	53694
Vice-President	Al Lee (W6KQI)	M2/1579	62806
Secretary	Bill Thompson (W6PMV)	E2/6062	67093
Treasurer	Bill Dews (K6AWO)	M1/2113	63606
Activity Manager	Ed Thornley (WA6JHD)	R6/2174	62845
Trustee	Carl Rothrock (W6MYC)	S/389	69663

JUNE MEETING

When: Wednesday, 25 June 1969, 12 Noon
 Where: R5/2141
 What: "Crystals - Part II" - A film tour of the Monitor plant featuring crystal manufacturing techniques. A sequel to the March meeting feature.
 Who: Bob Groh, Monitor Products

THE PREZ SEZ

By Doug Heydon (WB6WDS)

As of this writing, Field Day 1969 is less than two weeks away. The committee has done an admirable job of planning and preparation, and it appears that we are better prepared than we were last year. I would like to encourage all members and any non-members who may be interested to join in the fun for at least a portion of the period from noon Saturday, June 28 through 3 PM, June 29.

I have been doing a good deal of thinking recently with regard to the question: What is the function of an organization such as the TRW ARC?. Over the next few months the Executive Committee will be considering this question. These discussions will have a very direct influence on the future form and direction of the TRW Amateur Radio Club. If you have any thoughts on this subject, which you would like to have considered, please take the time to make these thoughts known to one of the officers. Better still, attend the Executive Committee meetings and present your views in person. Executive Committee meetings are held on the Wednesday two weeks prior to the last Wednesday of each month, in M3/2580a. All members are welcome to these meetings.

SECRETARY'S REPORT

By Bill Thompson (W6PMV)

TRW ARC Executive Board Meeting - June 11, 1969

The regular monthly meeting of the TRW ARC Executive Committee was held on Wednesday, June 11, in M3/2580 at Space Park. Those present included: Doug Heydon, Al Lee, Bill Thompson, Bill Dews, Ed Thornley and Carl Rothrock.

The meeting was called to order at 12:10 P.M. by Doug Heydon.

Ed Thornley reviewed the status of the Club Station in Bldg. 65. Details are included in his activity report elsewhere in this issue of CROSSTALK. Thornley accepted two action items:

- 1) Investigate the status of the station's telephone extension, with Dave Freeman, if necessary.
- 2) Review necessary "re-construction tasks" with Charles Engle to determine which tasks may be accomplished by the Club and which will be accomplished by Facilities.

Insurance on the Club Station equipment was discussed, particularly as related to the more expensive transceivers. Action: Doug Heydon will discuss the best available insurance options with John Smith (Planning & Control Finance office) before any further Club action.

Bill Dews proposed the expenditure of a few dollars to print some dues notices with increased motivational appeal. Samples and prices submitted by sources were reviewed. It was moved (Thornley), seconded (Lee) and voted to authorize Bill to spend up to \$3.00 for these notices.

Doug Heydon reported on a recent contact with a potential program speaker, Mr. Steinman of General Electric. His presentation is tentatively scheduled for the July meeting. Al Lee will follow-up.

It was moved (Thornley), seconded (Dews), and voted to print at least 25 extra copies of CROSSTALK each month for "unscheduled" distribution.

Our need for a representative to attend meetings of the Los Angeles Area Council of Amateur Radio Clubs was again discussed. These bi-monthly meetings are held in Alhambra on Thursday evenings. Action:

- 1) It was moved (Lee), seconded (Thornley), and voted to renew our annual affiliation at \$2.00.
- 2) The Secretary was instructed to return our application form, with check, indicating the Secretary as a delegate and the President as alternate. A note will be appended, indicating our intention to pass the responsibility for attending to each officer. Al Lee volunteered to attend in July and Ed Thornley in September.

The Secretary was instructed to add the new ARRL SCM Harvey Hetland (WA6KZI) to the CROSSTALK Distribution Sheet.

Al Lee announced the June 25 meeting will feature a presentation by Bob Groh, Monitor Products, on the development of crystal manufacturing. It will be held at 12 Noon in R5/2141.

Doug Heydon reported on the recent meeting of the TRW SEA Club Council:

- 1) Saturday, September 13 will be TRW Family Day at Space Park. The Council urged the ARC to plan participation as before and the Executive Committee agreed it should. Doug will need details for the July SEA Council meeting.
- 2) Bill Dews agreed to provide Doug Heydon with necessary data for the next quarterly report.
- 3) SEA Players have announced that any SEA Club member, upon request, may receive a \$1.00 discount to any SEA Players' production.

Doug Heydon read a May 22 letter from ARRL SCM Harvey Hetland regarding the TVI program. Action was deferred, pending the appointment of a TRW ARC TVI Committee.

The meeting was adjourned at 1:15 P.M.

TRW ARC Membership Meeting - May

The regular monthly meeting of the TRW ARC was held at noon on Wednesday, May 28, 1969 at Space Park in M3/2980. Sixteen members and guests were present.

The meeting was called to order by Doug Heydon, who introduced guests Bob Glenn (WB6YJE), Jeff Rininger, and Cal Horvath. The minutes of the previous meeting were approved as published in CROSSTALK.

Ed Thornley discussed the status of our Club Station in Bldg. 65, indicating that it would be "returned" to us for use as soon as the construction contractor's work is completed. He also indicated the Security is reviewing any potential problems in that area.

The Secretary read a letter from the L.A. area council of Amateur Radio Clubs regarding coming activities and our need for a new Club Representative. Al Davanzo, our former representative, will no longer be able to serve in this capacity. The President asked for volunteers; since none were identified, the matter was deferred to the Executive Committee.

Doug Freeman and Fred Reed reported on Field Day planning. During a recent visit to the Palos Verdes site, Messrs. Freeman, Thornley and Reed developed more detailed plans for antennae, equipment location, etc.

For the program portion of the meeting, Ed Thornley and Carl Rothrock reviewed their recent participation in the Newport - Ensenada Yacht Race, operating mobile as K6OF/MM on the 85' "Westwood". This enlightening account of the race and incidents related (and un-related) to their prime role as communications link to the Newport base revealed extreme enthusiasm for future participation (maybe as a club project) during future races.

The meeting adjourned at 1:05 P.M.

TREASURER'S REPORT

By Bill Dews (K6AW0)

Balance on hand 31 March 1969 \$229.89

Receipts

Dues	\$6.00
QSL Cards	4.50
Total	<u>\$10.50</u>

Expenses

Credit Union	\$20.00
Guest Lunch	1.50
Total	<u>\$21.50</u>

Balance on hand 3 May 1969 \$218.29

Receipts

Dues	\$2.00
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Expenses

Credit Union	\$20.00
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Balance on hand 9 June 1969 \$200.29

ACTIVITY REPORT

By Ed Thornley (WA6JHD)

Renovation of Bldg 65 is nearly completed and we have been advised by both Facilities and Security that we can resume use of our Club Shack as soon as the Contractor is clear of the building.

There will be quite a bit of clean-up work required in the Shack before we can put WB6WPO back on the air. During renovation, the roof was "operated on" and there was some rework of the ventilation system. We will make a survey and arrange for a Saturday working party to start the work.

Since Field Day is approaching rapidly, we probably will not be able to devote too much time to the Shack until early in July. We certainly look forward to completion of our antenna system and a first-class operation to go with it. We trust we won't have too much trouble with "volunteer labor" on working party days!

By the way, WA6JHD recently started mobile operations with a Swan 500C. Look for us to and from work on 40 meters. We found that we got full insurance coverage on this gear in the car from the Auto Club at no additional cost on our car insurance policy. This type of coverage is probably available through other automobile insurance companies, so check with your agent.

Correction: The silent key notelast month inadvertently listed the employer of WB6ZWI as Magnavox. It should have been Aerovox. <

TRADING POST

For Sale

Collins S-Line. Freddie Orr - 670-4537

75S1	\$250.00
32S1	300.00
30L1	300.00
516F2	95.00

FIELD DAY

A special flyer will be out in a few days. Send in your sign-up sheet to Doug Freeman.

OPERATION OF WB4ICJ

By Al Lee (W6KQI)

The Space Center Amateur Radio Society (S.C.A.R.S.) is composed of a group of 20 Kennedy Space Center employees and military personnel. This group has undertaken a project of operating their station WB4ICJ during the launch operations of Apollos 8, 9, 10 and 11. The idea is to commemorate the successful launching from Cape Kennedy of the forementioned Apollo shots. A certificate is sent to all amateur stations who contact WB4ICJ following liftoff and who QSL.

The station is located at Complex 99 on Merritt Island. This is the recreation area for NASA personnel and has quite a few recreational facilities at this complex. The shack is in a building that is shared with the gun club, but each club has their own entrance and separate facilities. The club now owns a complete Collins S/Line including a 30S1 linear. Their operating budget last year was approximately \$2800.00 which makes it a very unusual group to say the least. This year they were cut down to \$1200.00 (Things are tough all over). They have a 4-band beam mounted atop a 70 foot cantilever guyed mast. In addition, there are numerous dipoles strung all around because the area is loaded with tall pine trees which make ideal sky hooks. One disadvantage is that if they don't operate very frequently, the vegetation (palmetto palms) grow so rapidly that they practically have to cut their way into the shack.

During my recent stay at the Cape, I was asked if I would like to help operate WB4ICJ during the Apollo X launch. Of course, I said yes and proceeded to help clutter up the bands. I operated mostly 20 meters on 14.340. To get acquainted with the equipment (it's not quite my class) I fired up prior to liftoff and worked about 30 stations. The rules say you must work the station after liftoff to qualify for the certificate.

We went QRT about T-5 minutes and went down to the beach to see what we could see. As it turned out, we were 17 miles from the pad but the gigantic 354 foot missile was plainly visible especially with a 500 foot flame behind it. As it rose up into a typical launch trajectory, the second stage ignition was also visible and soon it was a mere speck in the eastern sky.

It was quite a thrill to return to 20 meters and the ensuing pile-up. I worked some of the same people I worked on the Queen Mary.

The 20 meter operations was interrupted by a very unhappy K6BX of San Diego. He claims

14.340 exclusively to the international net and nobody has the right to that frequency. His resulting three page editorial and letter to NASA Headquarters was reproduced and sent to the FCC and ARRL. It contained many slanderous and obscene remarks that could result in possible suits. I think John Huntoon, WILVQ, the General Manager of ARRL summed it up perfectly in his reply when he wrote, "I trust your NASA officials can properly evaluate the source of the original complaint, based on the garbage which has already emanated therefrom. The Washington office of the FCC is certainly familiar with the situation, ..."

Apollo XI is scheduled to be launched July 16 so if you're interested in working WB4ICJ, look for them after liftoff on 14.340 or 21.340. I'm very proud of my certificate and having had the association with such a fine group.

An article appeared in June 1968, 73 Magazine, describing the club.