

Amateur TRW Club WB6WPO

cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

SEPT 1971, VOL. IV, NO. 9

JOIN THE TRW/ARC INFORMAL NET
SATURDAYS AT 1000 PDT, 7280 KHz

President	WA6JHD - Ed Thornley	R6/2188	52621
Vice President	K6PSE - Paul Weisz	R5/2131	52026
Secretary	WB6WDS - Doug Heydon	M3/2087	50454
Treasurer	WB6GBC - Frank Halligan	S/365	50345
Activity Manager	K6AWO - Bill Dews	M2/1141	64571
Trustee	W6MYC - Carl Rothrock	S/389	50345
Cross Talk Editor (Acting)	W6KQI - Al Lee	R5/1171	62222
SEA Council Representative	WB6GBC - Frank Halligan	S/365	50345
QSL Card Manager	W6YCZ - Mac McGrew	S/365	66633
Emergency Coordinator	W6KQI - Al Lee	R5/1171	62222
Field Day Manager	WA6AZW - Doug Freeman	M4/2243	53126
Publicity Chairman	K6PSE - Paul Weisz	R5/2131	52026
Membership Chairman	WA6GVO - Jerry Dean	R3/1072	62571

SEPTEMBER MEETING

"RFI FROM INTERNAL COMBUSTION ENGINES"

by Mr. Stanley Estes of
Estes Engineering Company

R2/1055

29 SEPTEMBER 1971

12:00 NOON

NOTICE: A "Summer 1971 Callbook" will be awarded to the lucky ticket holder. Bring \$\$.

THE PREZ SEZ

By Ed Thornley, WA6JHD

We had a nice turnout for the August meeting, featuring guest speaker Ray Meyers, W6MLZ. We hope to bring Ray back for an evening meeting early in November. This will be a social affair. Bring your XYL or YL and we'll have a nice dinner and program. VEEP/Publicity Chairman, Paul Weisz, is busy organizing this one. Watch for further details.

Sure want to thank Al Lee, W6KQI, who volunteered to edit our "cross-talk" and relieve Doug Haydon, WB6WDS. By the way, Al volunteered on the air during one of our recent Saturday morning club net sessions, so the whole world heard him do it! Thanks Al, we really appreciate your help.

73's

ED

NEWS AND NOTES

Cheer up, Henry! We received word that member Henry Low, K6GBI, is recuperating at home due to illness. Hope you get well soon, Henry, and hope you can get some extra time on the air.

QSL CARDS

QSL card manager McGrew, W6YCZ, tells us we still have a good supply of club QSL cards. If you'd like to order these deluxe lunar module cards, personalized with your own call, give Mac a call on 66633. Prices are right and quality is excellent. Associate members may also purchase club cards.

WA6JHD BACK ON THE AIR

We got the 14AVQ vertical installed at the new Qth and have been busy logging QSO's. Hope to put up a tower and beam some day now that we have the space.

TRAINING MANAGER

We were not overwhelmed with applications for the post of Training Manager as a result of last month's appeal. If you were holding back, don't be bashful! My extension is 52621.

ADIOS AMIGO

We will soon be losing another very helpful club member, Ollie Saunders, W1BJV, who will be leaving the company September 17 and returning to school in Berkley.

Tnx,

Ed

SECRETARY'S REPORT (ACTING)

by Al Lee, W6KQI

During the regular August meeting of the TRW/ARC, the minimum of business was discussed for maximum time for our honored guest, Ray Meyers, W6MLZ. Ray gave us a very interesting and humorous talk about his experiences on board the original Natilus submarine. It was so good that Ray has been invited to speak at an evening meeting when we may enjoy some of his films along with another talk.

Meeting adjourned at 1300.

Minutes of the 14 Sept. 1971 meeting of the TRW/ARC Executive Board.

The monthly meeting of the TRW Systems Amateur Radio Club Executive Board was called to order at 12:10 on Tuesday, 14 Sept. 1971 in S/1353 at Space Park by President Ed Thornley, WA6JHD. Attendees were: Thornley, Paul Weisz, Frank Halligan, Bill Dews, Mac McGrew and Al Lee. In the absence of the club secretary, Al Lee was asked to take notes.

OLD BUSINESS

The OSCAR/AMSAT test flight scheduled for Sept. 11 was cancelled earlier but the details of the Sept. 25 flight are printed elsewhere in this issue as extracted from Didi-dumdum-didi.

NEW BUSINESS:

- ACTION DEWS 1. Shack work party. It was felt by Dews that fewer people at the shack could accomplish what remains to be done. Two regular WB6WPO operators Halligan and Wiesz volunteered. Details of getting a fan in the shack were discussed.
- ACTION LEE 2. We were informed of recent illness by a long time member of the TRW/ARC, Henry Low, K6BGI. Acting secretary Lee was asked to send Henry a card on behalf of the club.
- ACTION LEE 3. The next L.A. Council of Radio Clubs meeting is scheduled for Thursday, Sept. 16. In case the regular attendee, Johnny Rothrock, was unable to attend, acting secretary was asked to represent our club at the quarterly meeting.
- ACTION WEISZ 4. A motion was made by V-P and Publicity Chariman Paul Weisz, K6PSE to have an evening with our wives attending and have Ray Meyers, W6MLZ as guest speaker. Seconded by Halligan. Discussion: Have the meeting on November 6 or no sooner than October 15 or later than November 13 depending on the availability of the guest speaker. Site to be selected. Details to be announced in a subsequent news letter. Motion carried.
- ACTION HALLIGAN 5. There are two club QSL envelopes at the QSL bureau but they both have 6¢ stamps. The bureau will not add postage or send them out without an 8¢ stamp; therefore, it is necessary for us to send two 2¢ stamps to be added to the existing envelopes. Treasurer Frank Halligan, WB6GBC, will do the honors (Wow! What enormous financing necessary to keep this club functioning - H1).
- DISCUSSION 6. Two old-time pink tickets have been received this year by WB6WPO do to operating in the extra-class section. Our station is licensed as advanced class, therefore, the operators must operate only in the sections of each band authorized according to their own license class or in the case of extra class licenses, use only the frequencies authorized for advance class operation. There's no excuse for any further infractions of these rules!

ACTION
HALLIGAN

- 7. A four-reel code course on tape (extra class) has been made available from the Lockheed Amateur Radio Club (LARC) providing we send them four reels of blank tape. Motion: Halligan asked that the club buys 4 reels of 1800 foot tape (@ \$9.00 for 3). Second: McGrew. Discussion: Additional copies are to be made available to club members but number of copies furnished by the club is to be limited. Copies may be made with the assistance of the TRW/Hi-Fi Club and their equipment. The temperature in the shack often becomes excessive for safe storage of the tapes so Halligan will assume responsibility of the tapes until a training manager is appointed. Motion carried.

The meeting adjourned at 1305.

Respectfully submitted,

Al Lee, W6KQ1
Acting Secretary

TREASURER'S REPORT

by F. X. Halligan, WB6GBC

Balance on hand July 31, 1971 \$19.12

Receipts

Dues	\$ 6.00	
QSL Cards	7.00	
SEA Allotment	43.40	56.40
		<u>\$75.52</u>

Expenses

None \$0.00

Balance on hand August 31, 1971 \$75.52

SOUTHWESTERN DIV. CONVENTION

The Southwestern Div. Convention held at the Disneyland Hotel on Sept. 4th thru the 6th was a smashing success with an estimated 1300 souls in attendance. No prizes were won by TRW/ARC members, but the club was well represented by Herb, W6FQ; George, W6FXZ; Claude, W6NYC; Dick Treece, K6RT, Doug, WA6AZW; George Kulahian, WA6QIV, Rocky, W6MYC, Ernie Brelsford and possibly a few others I didn't run into.

The featured speaker was Senator Barry Goldwater, K7UGA/K3UIG at the Sunday banquet preceded by former Air Force Chief of Staff General Curtis LeMay, W6EZV. He was to introduce Barry but declined to do so because it was obvious that Barry Goldwater didn't need introducing at any ham convention. The general discussed how he and General Griswald finally convinced the Air Force that they should have SSB gear in all their aircraft and at all Air Force stations.

I hope you all worked WD6WD. This was the first occasion to ever work a WD6 prefix in honor of the late Walt Disney. If you did work WD6WD, be sure to QSL with a s.a.s.e. to: K6VDP, Larry Beilin, 1106 Highland Dr., Newport Beach 92660.

Wayne Overbeck, K6YNB was present with his "Cabover Kilowatt" featured in August QST. His article and his description of his operating techniques were interesting, and much to my surprise, he has an understanding XYL who allowed him to mount all of this gear inside and outside of an otherwise normal camper.

DID YOU KNOW THAT

3.5 MHz is not 80 meters but 85.71 meters.
7.0 MHz is not 40 meters but 42.85 meters.
14.0 MHz is not 20 meters but 21.43 meters.
21.0 MHz is not 15 meters but 14.28 meters.
28.0 MHz is not 10 meters but 10.71 meters.
144.0 MHz is not 2 meters but 2.08 meters.
50 MHz is 6 meters - the only frequency that is correctly designated as such.

OSCAR/AMSAT TEST FLIGHT

The following information is from W6HCD:

"We are actively seeking the participation of interested amateurs. Such stations please contact net control W6ZGC, Micky, on 3860 KHz on the coordination net which meets at 8:15 p.m. weekdays. This repeater package has a 2 watt P.E.P. output repeating approximately 100 KHz of the two meter band centered on 145.96 MHz to a similar segment on ten meters centered on about 29.5 MHz. For more information refer to Didi-dumdum-didi, June, 1971, pages 6 and 7. The flight plan for a test flight on September 25, 1971, appears below:"

1. Take off from Van Nuys airport 0900 PDT on September 25, 1971.
2. Total flying time from Van Nuys and return will be seven hours.
3. Time on the ground at Palo Alto will be two hours.
4. Take off from Palo Alto at 1500 PDT.

Check Point:	Altitude: (Feet)	Elapsed time	
		(Hours)	(Minutes)
Van Nuys	Climb	0	00
Los Angeles Airport	Climb	0	08
Seal Beach	Climb	0	18
Newport	11,500	0	25
Oceanside	"	0	39
San Diego	"	0	52
Ramona	12,500	1	02
Elsinore	"	1	22
Corona	"	1	30
Seal Beach	"	1	41
Los Angeles Airport	"	1	51

Check Point:	Altitude: (Feet)	Elapsed Time	
		(Hours)	(Minutes)
Santa Monica	12,500	1	53
Ventura	"	2	07
Santa Barbara	"	2	27
Paso Robles	"	3	04
Priest (King City - Coalinga)	"	3	17
Hollister	"	3	43
San Jose	Descent	4	01
Palo Alto	Descent	4	06
Palo Alto	Climb	0	00
Sausalito	Climb	0	14
Sacramento	11,500	0	41
Woodward (east of Stockton)	"	1	04
Fresno	"	1	39
Exeter (near Visalia)	"	2	00
Woody (east of Bakersfield)	"	2	24
Lake Hughes	"	2	48
Van Nuys	Descent	3	02