

AMATEUR RADIO CLUB

PHASE
SHIFT

JULY, 1968

THE PREZ SEZ

By Doug Heydon (WB6WDS)

The returns are in (sort of)! Twenty-seven forms have been returned to George Campbell, from the ninety-three currently active (?) TRW members (this is known as member participation). An overwhelming vote of 16 prefer lunchtime meetings, 7 prefer evening, 3 said either and there was 1 uncertain. So, its back to lunchtime. I hope to see more of you next Wednesday, July 31 at 12:00 in R4/1047. I thought we'd try for a "central location". See program notes for the details.

In the faint hope that some of you really did intend to fill out the form and return it, a newer version is attached to this BULLETIN. Please? Those who have already sent one in can ignore the request unless there has been a change in status, in which case just fill in the affected data, (e.g., you now have all-band, all-mode capability at the legal limit, where before you were restricted to 10 watts CW with a single 80 M crystal).

Field Day was a ball. We had a good turnout and racked up a pretty fair score. See Doug Freeman's words for more details.

Congratulations to Al Davanzo (WB6DKR), on being elected to the Board of Directors of the Southern California VHF Club. We are now exchanging bulletins with this FB Club, as a result of a message from Al Brubaker (K6QPH/4), which I received on SCN and delivered to Pete McKowen (W6FNE). During our chat, Pete told me he would be glad to send me a copy of the July issue; and there was Al's picture on the first page! Don (K6UMV) has sent me several other bulletins and we are planning an extensive interchange program with other clubs. Many of these clubs have excellent bulletins and newsletters and encourage the use of their material (with appropriate credit, of course). If any of you are members of such clubs, give me or Doug Freeman a copy of the paper and we will suggest an exchange.

It was great to see Ernie Brelsford down from Santa Barbara at the last meeting. Hurry up and get that ticket Ernie, so we can chew the rag a bit!

TREASURER'S REPORT By Ed Thornley (WA6JHD)

Balance on hand 16 June 1968 \$209.60

RECEIPTS

Dues	\$ 6.00
Field Day - Member Payments	66.00
Door Prize Tickets	4.25
Total Receipts	<u>\$ 76.25</u>

EXPENSES

Field Day Expenses	\$ 66.74
Door Prizes	5.48
Credit Union Loan Payment	20.00
Total Expenses	<u>\$ 92.22</u>

Balance on hand 15 July 1968 \$193.63

SECRETARY'S REPORT By Doug Heydon for Doug Freeman (WA6AZW)Minutes of June 26, 1968

The meeting was called to order by the President at 6:05 P.M. There were 20 members and two guests (Fred Gonzales, WB6OEJ and Ray Kirby) present. The Treasurer's report and minutes of the previous meeting were approved as published in the BULLETIN.

The Constitution and Bylaw Committee, chaired by Don Schweitzer (WB6TES), reported no progress due to inability to convene the committee (of two). Chairman Schweitzer promised renewed vigor. No report from the OSCAR Committee - no committee.

Progress on the antenna installations was reported. Head Antenna Farmer Fred Reed (W6UMC) said he will need a "painting party" before there can be any "raising party". Wayne Garrett, of Moves and Deliveries, has volunteered to put the iron on the roof when we're ready.

Certificate-designer Reed reported successful completion of Phase I in the TRW ARC certificate caper. . While discussing the difficulty of bootlegging artwork to have it done right, he received an offer of assistance from non-member (Thornley, how come?) graphic artist, Ray Kirby.

The President pleaded again for ideas for a BULLETIN logo and/or title, to little avail. (Ed note: See the masthead on this issue for what happens when the membership won't respond). He also asked for return of the forms sent with an earlier bulletin. (Ed note 2: See the form attached hereto. Fill-in the form. Return the form. See your Executive Committee jump in joyous surprise).

Volunteers were solicited for the post of Publicity Chairman. The President concluded that, in spite of ~~the~~ response, the club was still without a Publicity Chairman. An announcement was made of the appointment of Ed Thornley as WB6WPO Station Manager, to assist Trustee, Carl Rothrock (W6MYC), in the station assembly and activity. Ed's first concern will be to ~~see that~~ any effort members are willing to put into WB6WPO is well directed.

Limitations on SEA reproduction were described by the President with instructions that all such material must go through Bill Stoker.

Field Day 1968 was discussed by Doug Freeman, with a rundown on the contacts by band and an estimated score. (Ed note: Report is summarized later). Door prize drawings produced the usual cries of "fix" and the meeting adjourned at 7:30 Pm.M.

SAGA OF THE SHACK By Ed Thornley (WA6JHD)

Believe it or not, progress is being made on the Antenna Tower Installation for WB6WPO. To date, TRW Maintenance has installed Tower Mounting Pads, Guy Wire Eyebolts and two Feedthrough Trunks for feedlines. This will be permanent installation and will give the club a first-class antenna layout.

Our two 60' towers will require a second coat of paint prior to erection. We painted them late last year, but a second coat is in order to provide lasting protection. A painting party will be organized for a Saturday in the near future. This is a six-man job and will take about four hours. Volunteers will be solicited soon.

In the meantime, our swan 500 SSB rig and Lafayette HA 1200 6 meter transceivers are both operating and will provide many hours of enjoyable questioning for any licensed club member. The equipment is there for your use, fellows, so make use of it.

FIELD DAY - 1968 By Doug Freeman (WA6AZW)

I want to thank all who helped in the planning and preparation stages of the TRW ARC's first attempt at Field Day. Thanks go especially to Carl Goss (WB6IEG), who with his XYL, and the Explorer Group planned and provided an excellent menu; and to Bill Dews (K6AWO), who did a great deal of legwork in finding and nailing down a site and then ably assisted me in the other planning arrangements.

A summary of the results show that we made 1600 contacts, for a total of 11,105 points. We made our first contact (on 2 meters) 20 minutes after the start of the contest and we had our full rigs on the air in two hours, 25 minutes. While we won't win first place with this total, we should be well up in the standings.

With the operating period behind us, there are still important tasks to be done before we can call this Field Day over. Ken Goss (WB6KET), is currently typing our logs for submission to ARRL and QSL's have been ordered, all of which will have to be addressed.

Again, to all who helped and all who participated, thanks for coming. I hope you had as good a time as I did and we'll see you next year (If not before!).

PROGRAM NOTES By Arnie Corm (WB6VTQ).

This month the club is privileged to have Mr. Paul Minturn, Sales Engineer for TRW Semiconductors as the guest speaker. Mr. Minturn has been active in the communications field for several years. His topic of discussion will be the use of semiconductors state-of-the-art communication relating particularly to amateur radio. Please make every effort to attend as it should be an extremely stimulating meeting. Note: This meeting marks a return to the noon-time period, but in a different spot. R4/1047, 12:00 noon, Wednesday, July 31, 1968.

BLIPS By Don Schweitzer (WB6TES)

This is the month for random noise Blips on the C.R.T. I use for a brain. The object of some of my remarks will be to shame someone into action, if possible. For example: OSCAR VII seems to have fallen into a crack. The Lab storing our satellite now threatens to launch it into the hallway. Sad fate for the once great. Who will move it to our Shack? This is the month to plan our August Picnic and Auction, if it is to take place. We could change the name of our group to the Twenty-One Club. Twenty guys show for meetings. One person seems to do all the work on any project. There has been no smoking action in our Shack since it was set up about seven months ago. Maybe that will change now. I understand that our twin towers can be mounted on Bldg. 65 this month--if Carl gets some help.

The TRW Systems Singers are rehearsing for a special program which will be rendered on site soon. Among those present recently were: President Heydon, Ex-President Bill McClellan, and Ex-President Don Schweitzer of the Amateur Radio Club! Doug and Bill give their yowl while Don beats his drums on special selections.

The first station to contact the TRW Field Day bunch on 6 Meters was WB6TES! If you missed the action I'd like to report outside of a few early birds who broke the rules, it was a great success. Fred Reed's fine QSL Card Display is now in the lobby of Bldg 60 with a few additions of my own. Very nice. Edison Company has a new truck operating in the South Bay Area spraying high tension insulators. Great improvement in V.H.F. and TR noise levels. Gotta run -73-

MEMBERSHIP By Ed Thernley (WA6JHD)

Not much activity in the new membership department this month, so we had time to update the list. Copies attached for all hands. Check yourself and call errors to my attention. (Nobody's perfect).

TRADING POST

- 10% discount on new Gotham beams and quads to Club Members.
EH Bianchi (WA6DNF) x53183
- Complete SSB Station for sale
Heath Marauder Transmitter
SB200 Linear amplifier
Drake 2B receiver
Shure 444 microphone All for \$500.00
George Campbell (W6FXZ) x67543
- KW Linear amplifier parts (First \$75.00 takes/\$150.00 worth new parts)
 - (2) JAN4CX250B Eimac Power grid tubes (1KW up to 500 MHz)
 - (2) Air flow Socket Eimac
 - (2) Screen By-pass for sockets
 - ✓(1) Filament transformer - shielded for 4CX250B's
 - (1) Grid tank coil 80-6M
 - (1) Ceramic grid coil selector switch
 - (1) Plug in tank coil - 40 meter - Johnson
 - (1) Plug in tank coil - 20 meter
 - (1) Plug in tank coil - 10 meter
 - (1) Plug in tank coil - 6 meter

TRADING POST (Continued)

- (2) Plate connector clamps for 4CX50B's
- (1) Butterfly tuning capacitor 100pf - 4500V dual section (plate tuning)
- (1) Antenna loading capacitor 1800pf
- (2) Ceramic chimneys - Eimac
(N. Watson (W6DL) x52027

GENERAL INFORMATION By Don Etheredge (K6UMV)

The following is from the ARRL Directors' Letter, dtd June 20, 1968.

"Effective July 2 (GMT, so that it is really the evening of July 1), W1AW will transmit an extra ten minutes each of 20- and 25- w.p.m. code material during the 0130 GMT practice periods. The service is, of course, for Extra Class aspirants, and is in response to direct requests from members.

Three amateurs from Kentucky have been indicted, by a federal grand jury in Bowling Green, for the transmission of indecent, obscene or profane language. I understand they are currently out on bail; that there will be three separate trials along about October (unless there is a plea of guilty). This action was taken by the Department of Justice based on FCC monitoring reports. Thus, while the wheels of discipline move slowly, the Commission is indeed doing its best to keep up with the extensive enforcement problem.

W8LUZ has petitioned the Commission to permit issuance of two-letter calls to amateurs who have held licenses during the entire period was not one issued by FCC. An objective is to permit naturalized citizens to count earlier time as an amateur in other countries.

Word from West Berlin authorities some weeks ago indicated that third-party traffic with the U.S. was permissible with certain DL4Q and DL5Q stations; we checked this with FCC and State who, after inquiries of their own, confirmed; we then issued a W1AW bulletin and prepared an item for IARU News, July QST.

I am now informed by the Department of State that higher authorities in West Germany have over-ruled any interpretation of law on which permission was based. Thus the item in July IARU News is incorrect; please help spread the word."

TRADING POST (Late Starter)

- Johnson Navigator CW transmitter, VFO, self-contained power supply (\$45.00)
George Campbell (W6FXZ) x67543.