

# Amateur Radio Club WB6WPO

# cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

AUGUST 1972

Vol. VI, No. 8

TRW/ARC Net Saturdays

7,280 MHz 1000 PDT



## -----CLUB MANAGEMENT AND STAFF-----

| OFFICE                | NAME           | CALL   | LOCATION | PHONE |
|-----------------------|----------------|--------|----------|-------|
| PRESIDENT             | PAUL WEISZ     | K6PSE  | R2 1150  | 62414 |
| VICE-PRESIDENT        | BOB GOAD       | WB6KVF | M4 2230  | 52763 |
| SECRETARY             | JERRY DEAN     | WA6GVO | R3 1072  | 61612 |
| ACTIVITY MANAGER      | MAC MC GREW    | W6YCZ  | S 365    | 53380 |
| TREASURER             | FRANK HALLIGAN | WB6GBC | E1 3005  | 61266 |
| TRUSTEE               | CARL ROTHROCK  | W6MYC  | S 389    | 50345 |
| CROSS-TALK EDITOR     | ED THORNLEY    | WA6JHD | R6 2188  | 52621 |
| TRAINING MANAGER      | AL LEE         | W6KQI  | R5 1171  | 61673 |
| SEA COUNCIL REP       | JACK KOHD      | WN6QKM | S 1471   | 53285 |
| OSL MANAGER           | TED CARTER     | WN6PAS | E1 4037  | 62006 |
| EMERGENCY COORDINATOR | AL LEE         | K6KQI  | R5 1171  | 61673 |
| FIELD DAY CHAIRMAN    | DOUG FREEMAN   | W6NHX  | M4 2243  | 53126 |
| MEMBERSHIP CHAIRMAN   | TED CARTER     | WN6PAS | E1 4037  | 62006 |
| PUBLICITY CHAIRMAN    | DOUG HEYDON    | WB6WDS | M3 2087  | 50454 |

**AUGUST MEETING**  
**ALASKAN VLF-DX**  
 by  
**Cecil Jordan, WB6KHF**  
 30 August 1972  
 R2-2055      1200-1300

### THE PREZ SEZ

By Paul Weisz, K6PSE

There is not much in the way of startling club news this month, with many of us on vacation, or absorbed in our work. The club picnic organized as a fund-raiser was not an outstanding financial success (we lost \$ 1.16) but a very pleasant time was had by those who attended, and we intend to repeat the experiment. (We have a small loss on each transaction, but make it up on the volume!)

There are some very interesting things on the near horizon. Los Angeles County is stimulating a lot of new activity in the Radio Amateur Civil

Emergency Service (PAGES) area, and the club is fortunate in its association with some of the key people in the program. A presentation on this subject is planned in the near future so that we can find out how we can participate as a club and/or individually.

The fine presentation by Jack Manon of TRW Semiconductors in June stimulated a great deal of interest in solid-state wideband amplifiers, and a club project for construction of gear incorporating these circuits is well into the planning stage.

The training program is progressing very well and a new training cycle will begin on 18 September. We now have a total of five new Novice hams as a result of our first Novice Course. In addition to Connie Gilmore, WN6SKM announced last month, we now have Martha Rottenberg, WN6SNT, Don Harris, WN6SUJ, and Yas Komorita, WN6SWU. Congratulations to all!

Our first attempt this year at a cross-country TPW QSO party was unsuccessful, due to a solar flare event on the appointed day. A repeat is planned during September.

And that's about it - 73

Paul

#### ORGANIZATIONAL ANNOUNCEMENT

Doug Freeman, W6NHX who has been our TRW/ARC Field Day Chairman for the past five years, has stubbornly refused to withdraw his resignation from that job. Doug has repeatedly accomplished the impossible, and has been mainly responsible for the excellent FD performance that the club has racked up. It is therefore with great reluctance and sincere appreciation for his very hard work that we accept his decision to retire from his post.

In order to maintain continuity of FD planning, and provide for early preparation for next year, the Field Day management appointments outlined below have been made, and take effect immediately.

Doug Heydon, WB6WDS is appointed Field Day Manager; Bill Dews, K6AWO is appointed Deputy Field Day Manager. The intent of the dual appointment is to spread the very heavy work load associated with this job, and to divide the planning and operations functions to permit a smoother operation.

From all of us, many thanks to Doug Freeman for his outstanding performance, and best wishes to Doug Heydon and Bill Dews in their new positions.

#### TRAINING PROGRAM

By Al Lee, W6KQI

The second Novice Course will be completed around the end of this month and it appears that we will have six or seven new Novice Class members.

Plans for the next Novice and General Class courses have been made and the details are as follows:

#### NOVICE COURSE

Begins Monday, September 18 in S-2470 at 5:30 PM for code instructions. Theory instruction will be held on Wednesdays, 5:30 to 6:30 in S-2470.

The cost of the Novice Course is \$ 7.50 which includes the text books and other material, and a one-year membership in the TRW/ARC. Tell your friends. Non-TRW employees are welcome.

#### GENERAL COURSE

A new General Class Course will be starting Tuesday, September 19 in S-2470 from 5:30 to 7:00 PM. This will be for the theory portion and code instructions will be starting on Thursday, September 21 in S-2470 from 5:30 to 7:00 PM. Total cost of the General Class Course is \$10.00 and it will last for approximately 20 weeks.

Contact Al Lee, ext 61673 or Doug Heydon, ext 50454 for further info.

The present General Class Course continues meeting in S-1480 on Mondays and in M2 on Wednesdays until further notice.

#### LONG BEACH AUCTION

Associated Radio Amateurs of Long Beach has invited us to take part in their annual auction. See special announcement elsewhere in this issue.

#### WANT AD DEPARTMENT

Wanted Novice transceiver - will pay up to \$ 90.00. Greg Loegering, WN6SMS, 372-8273

For Sale Hallicrafters SP-160 Transceiver with AC supply - \$ 125.00  
Doug Freeman, W6NHX, 53126

For sale Johnson Matchbox (275 watt) with built-in SWR bridge and directional coupler - Doug Heydon, WB6WDS, 50454.

Wanted Heathkit HP13A Mobile power supply or equivalent, Doug Heydon WB6WDS, 50454.

For sale Hallicrafters SX-101A Ham-Band Receiver CW, AM & SSB \$ 75.00  
Heath DX-100A Transmitter \$ 10.00  
Drake 300A AM/CW Transmitter 350 watts make offer  
Model 14, 15 and 19 Teletype machines, test gear and spares  
make offer  
Cabinet Racks 35 inch and 77 inch panel openings make offer  
Motorola FM equipment good for two meter band, 60 Hz power,  
transmitter \$ 15.00, receiver \$ 20.00  
Miscellaneous tubes and parts  
Call John Larson, W6IMQ, ext 52807 or 472-9756

#### 1972 PICNIC FINANCIAL (DISASTER) REPORT

The picnic committee reports receipts of \$13.50 in ticket sales and \$ 9.00 for refreshments and Flea Market sales for total income of \$ 22.50. Expenses included \$ 12.67 for kid's prizes, \$ 6.58 for refreshments, and \$ 4.66 for the Door Prize for a total out-go of \$ 23.91. This was a net loss of \$ 1.16 and it is reported that Treasurer Holliger has lost 12 pounds and four nights sleep over it. Well, it was fun anyway and we should do it again soon.

XXI CORNER

Here it is, the long awaited famous Burgundy Beef recipe by Jar Lee that was the Gourmet treat on Field Day 1972:

- 1 1/2 pounds Round Steak cut in cubes (Chuck or sirloin)
- 2 Tbs Shortening
- 1 Cup each chopped onion, green peppers and celery
- 1 Can tomato soup
- 1 1/2 Pkgs frozen peas cooked
- 2/3 Cup water
- 2/3 Cup Burgundy Wine
- 1/2 Cup stuffed olives
- 1 tsp salt
- 1/2 tsp pepper
- 1/8 tsp tyme
- Grated rind of 1/2 lemon

Brown meat - add vegetables and saute. Add rest of ingredients and simmer 3 1/2 hour or longer for better flavor. This dish keeps well. Using these amounts, it will serve at least 6 people.

Thank you, Jar, it was a delicious dish. Fellows, make sure your XXI sees this issue.

TREASURER'S REPORT

By Frank Halligan, WB6CPC

Balance on hand June 30, 1972..... \$ 152.61 \*

Receipts

|                          |         |
|--------------------------|---------|
| Dues (new members)       | \$ 4.00 |
| Dues (renewals)          | 4.00    |
| Door prize tickets       | 18.00   |
| Credit Union Dividend    | 1.65    |
| Field Day expense rebate | 2.30    |
| Total                    | \$29.95 |

Expenses

|                     |          |
|---------------------|----------|
| Postage (Field Day) | 1.30     |
| QSL Printing        | 11.50    |
| Door Prizes         | 16.07    |
| Total               | \$ 28.87 |

Balance on hand July 31, 1972..... \$ 154.69

(\* June 30 balance reported in July Cross-Talk as \$ 151.62 was error)

1972 FIELD DAY SCORE

Our official score as reported to ARRL headquarters for Field Day this year was 2560 QSO's for W6VB/6 plus 63 Novice Class QSO's for a score of 5246 points, plus an additional 700 bonus points.

Next month, we will run a list of individual operator QSO totals. We had some real high class operators on the site.

SECRETARY'S REPORTBy: Jerry Dean, WA6GVO

The monthly meeting of the TRW Systems Amateur Radio Club Executive Board convened at 1220 on Tuesday, August 15, 1972 someplace in building 'S'. Calling the meeting to order was President Paul Weisz, K6PSE, and also in attendance were Jack Koho, Frank Halligan, Doug Heydon, Al Lee, Mac McGrew, Carl Rothrock, Bob Goad, Ed Thornley, and Jerry Dean.

1. Halligan reported that our recent "fund-raising" picnic, although a social success, cost the treasury \$1.15.
2. The letter concerning a proposed change in Field Day rules has been sent to ARRL and an answer received, indicating that our proposal will be considered.
3. Heydon approached the Sentinel concerning possible publicity of our novice class, and they were receptive to the idea. Doug will work up a draft.
4. Lee announced that the next novice and general classes are scheduled for the week of Sept. 18. Al could use the assistance of volunteer instructors. Anyone interested?
5. Dean will inquire as to the availability of the R3 training room for our next classes.
6. Koho indicated that the SEA allotment will be delayed. Evidently the funding system is under study.
7. Since Doug Freeman indicated his desire to wield a mic at the next Field Day, Doug Heydon was appointed as the new FD Chairman.
8. Assisting Doug will be Bill Dews in the newly established position of Deputy FD Manager.
9. It was suggested that another QSO party be attempted with our associates to the North and East. An every Saturday in September idea was favored on 21.375 MHz. at 1200 PDT (1900 GMT). If this fails, we'll try 15 minutes later on 14.225 MHz.

Meeting adjourned at 1310.

Respectfully submitted,  
 Jerry Dean, WA6GVO  
 Secretary

PROJECT '73: MOBILE/PORTABLE - EMERGENCY TRANSCEIVER, By Doug Heydon, WB6WDS

Why "Project '73" in August 1972, you ask? Because it takes lots of time and coordination to bring a Club project into being, fully checked-out and ready for the rest of the ham world. So, we're starting now to identify the Club members who are interested and willing to make the commitment to invest the time and effort required for a first class project.

The idea was a direct and immediate outgrowth of the excellent June meeting, when Jack Manon, W6FIG, of TRW/Semiconductors gave us the story on the 12 volt, broadband 25 and 100 watt linear RF amplifiers. The prospect of a medium power mobile/portable rig which could operate directly from a 12 volt source without the inefficiency and weight of power conversion equipment seemed like a natural Club project. We have had some preliminary discussions with our TRW/Semiconductor cousins which have resulted in offers of assistance, and some Club members have already expressed a desire to be part of the action.

Next month's meeting feature, on Friday, 29 September, will be a presentation of the new L.A. County Disaster Communication Plan, which requires heavy amateur involvement, by Dr. Henry Richter, W6VZA, head of L.A. County RACES. As a natural part of this very important subject, we hope to kick off the related project activity on the design, building and testing of a truly versatile and practical mobile/portable emergency station. If you would like to be an active participant, drop me a note at M3/2087, indicating any particular areas of interest and/or talent (such as mixer design, audio, RF amplifiers, etc.). A particular need exists for someone who can provide design integration leadership, so that the efforts of everyone can be brought together successfully.

Don't be afraid to volunteer - try it, you'll like it! Full details (hopefully) by the September meeting.