

Amateur Radio Club WB6WPO

cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association



May 1973
Vol. VII, No. 5

TRW/ARC Net Saturdays
7.283 MHz, 1000 PST

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

OFFICE	NAME	CALL	LOCATION	PHONE
PRESIDENT	PAUL WEISZ	K6YQ	R2 1150	62414
VICE-PRESIDENT	TED CARTER	WA6PAS	E1 4037	62006
SECRETARY	FRANK HALLIGAN	WB6GBC	E1 3013	51090
TREASURER	JERRY DEAN	WA6GVO	R3 1072	61612
ACTIVITY MANAGER	ROGER TRAPP	K6SSN	M5 2009	51610
TRUSTEE	CARL ROTHROCK	W6MYC	S 389	50345
CROSS-TALK EDITOR	ED THORNLEY	WA6JHD	R6 2188	51507
EMERGENCY COORDINATOR	DOUG FREEMAN	W6NHX	M4 2243	53126
FIELD DAY CHAIRMAN	DOUG HEYDON	WB6WDS	65 1346	52061
DEPUTY FD CHAIRMAN	BILL DEWS	K6AWO	M2 1141	64571
MEMBERSHIP CHAIRMAN	SUE KENNEDY	WN6TXV	R3 1028	51870
PUBLICITY CHAIRMAN	JOEL WINEMAN	WA6WRB	M4 2315	52275
QSL MANAGER	JACK KOHO	WN6QKM	S 1471	53285
RACES MANAGER	DOUG FREEMAN	W6NHX	M4 2243	53126
SEA COUNCIL REP	STEVE SHANE	WN6NRQ	M1 1545	63090
TRAINING MANAGER	AL LEE	W6KQI	R5 1171	61673

MAY PROGRAM

"R.F. PROPAGATION"
Discussion By
Roger Trapp, K6SSN
R2-1055 1200 PST
30 May 1973
DOOR PRIZES

THE PREZ SEZ

By Paul Weisz, K6YQ

Here's whats going on:

The ten TRW people who signed up for RACES have received their credentials, RACES station authorization and tactical call signs. Our club station, WB6WPO (K6CPT/3 — XRAY-3) has been designated as TRW Systems Disaster Control Center. If you want in, call EC Doug Freeman (X 53126).

— At the last general meeting, purchase of a Drake 2B receiver or equivalent for our embryo RTTY facility was authorized (by acclamation). We are now actively looking for such a receiver in the \$150 price class, and will start system synthesis as soon as we find one. If you want to help put this new club station capability together, call Jerry Dean (X 61612) or Roger Trapp (X 51583).

— Field Day is right in among us, and preparations are well under way. Right now the big requirement is for people: operators, loggers, roustabouts for setup and teardown, cooks and spectators. Last year, the TRW/ARC (29 operators) came in third in this class behind W8TD/8 (46 operators) and W3VD/3 (48 operators). Call Bill Dews (X 61632) to find out where you can fit into this annual extravaganza.

See you on the hill, 73,
Paul

RACES COMMITTEE

by Paul Weisz, K6YQ

Most of the people who signed up for RACES (The L.A. County Sheriff's Disaster Communications Program) have received their State and County credentials by now. A club committee has been formed to maintain contact between the club and the RACES organization:

Doug Freeman, W6NHX, Emergency Coordinator
Al Lee, W6KQI, Deputy Emergency Coordinator
Carl Rothrock, W6MYC, Club Station Trustee
Paul Weisz, K6YQ, President TRW/ARC

The RACES committee will concern itself with the TRW/ARC Commitment to RACES, and will meet as necessary with representatives of RACES, the Sheriff's Department and TRW Security.

TRW/ARC AWARDS PROGRAM

by Paul Weisz, K6YQ

For several years, the club has offered a handsome certificate to anyone who worked five TRW/ARC member stations. Recently there has been an upsurge in interest in these and other tokens of recognition. The total program is outlined below:

- TRW Recognition Award Certificate — for working five club member stations, any band, any mode.
- Recognition Award Endorsements — for working 25 or 50 (or 75 or 100) club member stations.
- 5 by 10 Award (NEW!) — for working 10, 25, 50 TRW club member stations, any mode, or any five amateur bands.

These awards are available to all, members or not. QSL's are not required but please submit call sign, date, time and frequency for each contact.

ARRL MEMBERS

by Paul Weisz, K6YQ

We have noted that some people who are ARRL members are not so indicated on the club roster. Please check your listing in cross-talk for the asterisk * denoting membership. If it has slid down off the page, please inform Jerry Dean (X 61612) so he can update the roster.

SECRETARY'S REPORT

by Frank Halligan, WB6GBC

The regular monthly meeting of the TRW/ARC Executive Committee was called to order at 12 noon on Tuesday, May 15, 1973, by President Paul Weisz. Others present were: Carter, Halligan, Dean, Freeman, Dews, S. Kennedy, Koho, Wineman and A. Lee.

OLD BUSINESS

1. Club Call. Weisz announced that the club trustee anticipates the new club call sign to be available in time for Field Day activities.
2. Drake 2B. Dean announced that the Drake 2B receiver the club had intended to purchase did not meet all of the criteria, and will not be purchased.

NEW BUSINESS

1. Oscar/AMSAT Test. Weisz indicated the club would support coming ground tests of the AMSAT.
2. Station QSL Cards. Trapp's request for the purchase of more cards was deferred pending resolution of the club call. At that time, a "back order" will be placed to cover all station QSL obligations.
3. 40/20 Filters. Fred Reed is fabricating four filters for use on field day by the SSB/CW stations.
4. Code Table. Al Lee announced that further modifications of the new club code table have been suspended until the table has been found. The errant table was last seen in S-1480 just prior to converting that conference room to office space.
5. RACES TRAINING. Freeman stated that TRW/ARC has 10 certificated members in RACES and that special classes will be held within 6 weeks.
6. RACES Committee. Weisz announced that a committee has been formed to provide TRW/ARC coordinated support of RACES. Members are Freeman (chairman), Al Lee (Deputy), Rothrock, Weisz, Carter.
7. RACES Facilities. Freeman brought up the age - old problem of inadequate facilities for station operations. He indicated he would coordinate with Trapp on additional requirements required for RACES support!
8. Teague's Bill. Heated discussion was heard over the merits of the Teague (electrical interference) bill. Since Dews brought the subject up, it was requested that a "letter-to-Editor" to highlight the subject would be in order.
9. Extra Class Classes. Al Lee has scheduled classes (Code and theory) for the Extra Amateur Radio License begins July 3rd, and running for 12 weeks. A motion was made (Dean) and seconded (Halligan) that the course be offered for \$5 for club members, with non-members paying \$7 (to include their club membership).

TREASURER'S REPORT

by Jerry Dean, WA6GVO

Balance on hand March 31, 1973 \$513.89

Receipts

Dues (new)	\$ 8.00
Dues (renewals)	16.00
QSL Orders	4.50
Raffle tickets	18.50
Credit Union Dividend	3.38
	<hr/>
	\$ 50.38

Expenses

Postage	\$ 18.00
Raffle Prizes	25.36
	<hr/>
	\$ 43.36

Balance on hand April 30, 1973 \$520.91

MEMBERSHIP REPORT

by Sue Kennedy, WN6TXV

In the last few months our membership has grown with the addition of the following new members:

Anthony Cardenas	WA6IGJ
Dick Church	W6IMD
Leo Corona	
Cecil Easley	WA6BZW
George Field	K6ZCX
Frank Mullen	WA6RJF
Darwin Salisbury	K6IGU
Larry Shiells	
Dale Wolfe	WN6TWT
Rendall McKechnie	W6ZWS
Henry Jacobs	WA3QVP
Cecil Hinson	WA6OKN, WØCUG
Carl Anderson	

We also have several new associate members:

Warren Holland	K5YPE
Kathleen Pankey	
Charlotte Roberts	WB6QAL
Jerry Rowland	WN6KZP
Albert Asai	WN6LXU
Phil Schafer	W7BN
Les Morton	K6JCR

FIELD DAY '73

by Bill Dews, K6AWO

Saturday the 23 of June, follow the signs to the Navy Fuel Depot in San Pedro. Be there early, 0900 (1600 Z) to help put up our five station site, 80 thru 15 meters. A bulletin will be sent out a few weeks before field day with maps, rules, and operating procedures. Food will be free, as in the past, and we're planning to have a good Saturday night meal and Sunday morning Breakfast. The noon meals will be cold cuts or whatever the XYL's come up with. The following Band Captains can use some help:

Doug Freeman	53126	20 SSB
Fred Reed	261-7951	80/15 SSB
Bob Hume	53262	40 CW
Frank Cartier	53446	40 SSB
Doug Heydon	52061	20 CW
Al Lee	51573	80/15 CW
Frank Halligan	61266	Generator
Paul Weisz	62414	Logs/Bulletin/ARRL
Sue Kennedy	51870	Food

The antennas will have all been checked out for operation and hardware replaced from the last FD. Just show up with old clothes and shoes as we will be out in a dusty field, also better bring a hat (no shade). You won't be overworked, we will have "Cold Drinks" and Ice Water.

The Field Day Contest will start at 1200 local time and run for 24 hours, if the Generator and all else keep on working! I'm sure we will need plenty of part time Operators, from last FD experience, 2400 to 0700 is always in need of bodies — if the XYL won't let you out in the day, join us for Sunrise Services on 15 Meters!

CU at FD,

Bill

P.S. — See the map on the next page for the mystery QTH!!!! ! ! ! ! !



WILMINGTON

SAN PEDRO

HARBOR CITY

LONTIA

EXTRA CLASS COURSE

by Al Lee, W6KQI

Beginning Tuesday, July 3, the TRW Radio Club will sponsor an extra class course to run two-nights-a-week for 12 weeks. Here's your chance, all of you Generals and Advanced class license holders to update your license to the coveted "Extra Class" and have use of all of the frequencies. Just think, when you have been licensed for 25 years or longer, you may get a 2-letter call — providing you have passed the extra class exam and only 20 WPM! Various types of tapes (cassettes, reel-to-reel, paper) will be available to students to use or copy for code practice. The cost is \$5.00 to club members and \$7.00 for non-club members.

At the same time, Novice class number 5 will be starting on Monday, July 2. Inform your friends.

If interested — contact Al Lee X 61673.

LETTER TO THE EDITOR

by Bill Dews, K6AWO

There is a Bill (HR 3516) of special interest to Hams, pending in the Communication's and Power Sub-Committee of the 93rd Congress. The Honorable Charles M. Teague has presented a Bill which would require manufacturers of TV sets, stereos and AM radio receivers to build in Interference Suppression circuitry. I feel a law like this will be of great benefit to Hams with 'problem neighbors' and all Amateurs who feel concern about TVI. Drop a note to your congressman supporting this Bill, or write:

The Honorable Torbert H. MacDonald, Chairman
Communications and Power Sub-Committee
Room 2125, Rayburn Building
Washington, D.C. 20515

OSCAR VII

by Roger Trapp, K6SSN

West Coast AMSAT plans an airplane overfly of the Breadboard Oscar VII transponder late this summer. The flight unit is now at JPL, and is a 10 Watt SSB/CW unit with a 50 KHz wide inverting transponder ratio (3/4 to 2 M). (Up 432.125 - 432.175, down 145.975 - 145.925). The breadboard unit is similar except power out is only 2-1/2 W PEP. Tentative dates for the airplane overfly are 25 August for shakedown in the local Southern California area and 8 September for flight from San Diego to San Francisco. This date of 8 September may change since that is also the VHF Contest weekend. I have transmit gear to allow WB6WPO participation on at least CW (and hopefully SSB by July), and am asking for volunteers to assemble a complete station (antennas, recorder, etc., and a CW operator, Hi).

ACTIVITY OF WB6WPO

BY R. R. TRAPP K6SSN

Activity at WB6WPO has continued to be good, even though the 10 Meter flurry of a few months ago has subsided. Most of the activity, though, has been by a very few operators. The following is a summary of the past 2 months activity:

20 March - 20 April

DX Worked

<u>Country</u>	<u>Band</u>
Dominica	20
So. Africa	"
Peru	"
Canal Zone	"
Singapore	"
Nauru	"
New Heb	"
Ogasawara (Iwo-Jima)	80,40,15
P.T.	20
Korea	20
Costa Rica	15
Montserrat	15
Cayman	20
Chile	20
Japan	40
Am. Samoa	15
Revillagigedo	80,40
Saudi Arabia	20
Vietnam	20
Guatemala	20
Virgin Islands	15
USSR	20

States Worked

<u>State</u>	<u>Band</u>
Indiana	15
South Carolina	15
Hawaii	15,20
R.I.	20
Wyoming	75
Florida	75
North Carolina	20
Montana	75
Wisconsin	20
California	20
Texas	20
Missouri	40

OPERATORS DURING PERIOD

K6SSN
K6YQ
K6IGU
WAGPAS

20 April - 20 May

DX Worked

<u>Country</u>	<u>Band</u>
Jamaica	20
Bolivia	20
Cuba	40

States Worked

<u>State</u>	<u>Band</u>
Connecticut	75
Idaho	40 & 75
Oklahoma	40
So. Dakota	75
Montana	"
N. Dakota	"
Utah	"
Arizona	"
Kansas	"
Texas	"
Nevada	"
Colorado	"
Michigan	"
Wyoming	"
California	6
Vermont	75

OPERATORS DURING PERIOD

K6SSN

K6YQ

The club has been awarded the WAC Certificate - Endorsed SSB Phone.

The following is a status report for WAS and DXCC.

	<u>Jan.</u>	<u>April</u>	<u>May</u>
Countries			
Worked	20	77	80
Countries			
Confirmed	10	45	45
States			
Worked	15	35	49
States			
Confirmed	5	29	37

BAJA 500

by Doug Freeman, W6NHX/XE2NHX

10 or 12 more operators are still needed for this years BAJA 500, June 7, 8, '73. Some open checkpoints are accessible only by "off road" vehicles, but others can be reached by standard auto. Benefits include dinner and party in Ensenada, Friday June 8. If interested call me, X 53125. Also, listen for BAJA net on 7.205 MHz Days, 3945 MHz Nites.

RACES (Continued)

by Doug Freeman, W6NHX

As noted in "The Prez Sez" — TRW A.R.C. RACES Affiliation is growing. For those who are interested in perparing 2 meter gear for RACES, frequencies required are: 147.08 Simplex, 145.66 Input, 145.30 Output for RACES repeater. All members now enrolled will be issued RACES Hand Books giving all other frequencies required.

WANT ADS

For Sale: • 40 Meter Receiver, is converted Coast Guard radio with Collins mechanical filter, Power Supply and Speaker built in. \$10.00, Dale Wolfe, X52240 or 534-2839

• The following goodies are on Sale by Cecil Easley, X50517 or 524-4401

Variable Voltage regulated power supply	\$ 15.00
HP430C Microwave Power Meter with HP477B Thermistor Mount	\$ 50.00
Model 80 Measurements Signal Generator	\$ 75.00
RMS Voltmeter (1 mv to 300 volts)	\$ 15.00
Motorola T33 (Dispatcher) Two Meter XCVR with 12 Volt Supply and .94 XTALS.	\$ 30.00
Four Element Triband Beam (similar to Swan TB-4HA)	\$ 75.00
HQ170A Receiver	\$150.00
HT32 Transmitter	\$150.00
HQ110A Receiver	\$100.00
Model 15, Model 14 Teletype, two tables, TD unit and Loop Supply	\$ 75.00
HW17 Two Meter XCVR (modified) with dc supply	\$ 50.00
TR3 XCVR with AC-3 and modified RV-3 VFO	\$400.00
TR3 DC Power Supply	\$ 50.00
11 Element Two Meter Beam	\$ 7.00
CMU-15A 430 MHz XCVR with Controls.	\$ 10.00
3-400Z (2), SK416 Chemney (2), SK410 Sockets, all unused.	\$ 50.00
HP450A Amplifier	\$ 7.50
40 Watt Honda Motor Generator	\$ 25.00
AR 22R Ant. Rotator	\$ 20.00