



cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

December 1972
Vol. VI, No.12

TRW/ARC Net Saturdays
7.280 MHz, 1000 PST



-----CLUB MANAGEMENT AND STAFF-----				
OFFICE	NAME	CALL	LOCATION	PHONE
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VICE-PRESIDENT	BOB GOAD	WB6KVE	M4 2230	52763
SECRETARY	JERRY DEAN	WA6GVD	R3 1072	61612
TREASURER	FRANK HALLIGAN	WB6GBC	E1 3005	61266
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CROSS-TALK EDITOR	ED THORNLEY	WA6JHD	R6 2188	51507
EMERGENCY COORDINATOR	AL LEE	W6KQI	R5 1171	61673
FIELD DAY CHAIRMAN	DOUG HEYDON	WB6WDS	65 1346	52061
MEMBERSHIP CHAIRMAN	TED CARTER	WA6PAS	E1 4037	62006
QSL MANAGER	TED CARTER	WA6PAS	E1 4037	62006
SEA COUNCIL REP	JACK KOHO	WN6QKM	S 1471	53285
TRAINING MANAGER	AL LEE	W6KQI	R5 1171	61673

December Meeting
Installation of Club
Officers for 1973
27 December 1972

R2-1055 1200 - 1300

THE PREZ SEZ

By Paul Weisz, K6YQ

As 1972 draws to a close, we can all look back with some satisfaction on this year's events and accomplishments. A combination of circumstances and activities has enabled us to build on the results of past year's efforts, and achieve some measure of growth and prosperity for the club.

The most important circumstance has been the relative stability prevailing in our industry and our company. The sudden disappearance of old friends that distressed us in 1970-71 has stopped, and a few (too few) familiar faces are back. Those of us who were worried (about 100 % of us) are less harassed these days. It is hard to think about hobbies and clubs when you are under the gun at work!

Commendations and thanks are due, right across the board, to all of the elected and appointed officers and staff who have served the club this year. They have done an outstanding job, and the results of their untiring and aggressive efforts are clearly visible. I will not use this space to single them out, but the December meeting will be devoted to an expose' of some of their behind-the-scenes activities. If you want to hear about 1972's triumphs and fiascos, we will tell all on December 27th!!

For me personally, this year as President has been most satisfying, and I wish to thank the Club membership for giving me the opportunity to do it again in 1973. Your confidence and support are much appreciated.

73 for 73,

Paul

FROM THE SW DIVISION CONVENTION

by PAUL WEISZ, K6YQ

A flock of us (a flock is a small herd) attended the Santa Maria Convention the weekend of October 21 and 22nd. One of the highlights of the meeting was an address by A. Prose Walker, WABW, Chief of the FCC Amateur and Citizens Radio Division. Your president, ever mindful of the responsibilities of high office remained sober and took notes!

Background

Some predictions place the 1980 world amateur population at 600 to 800 thousand. If you doubt that this is realistic, consider that the CB population has grown from 40 thousand in 1958 to 815 thousand. (!) WOW

Portions of the HF spectrum are now being vacated as some of the point-to-point services go to satellite and cable channels for higher reliability. An international conference for HF frequency allocation will probably be called within this decade and the vacated frequencies will be up for grabs.

Competitors will be amateurs and HF broadcast services. This makes the cheese pretty binding because broadcast is mostly government sponsored and some governments (France and the Scandivianians were cited) are not much impressed by ham radio.

Preparations for this conference must begin now, and the approach must be PROFESSIONAL in every sense. An impromptu appeal for spectrum space will not hack it at an ITU conference. At this point, Mr. Walker launched into something that had a familiar ring: a Plan of Action for preparation of a proposal. The steps in the plan are outlined below.

THE PLAN

- 1 Take advantage of available opportunities for creating a world wide favorable impression of Ham Radio. In the present environment, the Amateur Satellite Service looks like the best vehicle for this. The amateur community should use the Satellites to generate as much international good will and publicity as possible. Make points. (somehow)!
- 2 Formulate our allocation wish-list, and THINK BIG. For example,
 - All of 160 meters, exclusive amateur
 - 80 meters exclusive, world-wide
 - 40 meters, 7.0 to 7.5 MHz, exclusive, world-wide
 - 30 meters, 10.5 to 11.0 MHz exclusive, world wide
 - 20 meters, 14.0 to 14.5 MHz exclusive, world wide

2. (cont)

- 17 meters, 17.5 to 18.0 MHz exclusive, world-wide
- 15 meters, 21.0 to 21.5 MHz exclusive, world-wide
- 13 meters, 23.5 to 24.0 MHz exclusive, world-wide
- 10 meters, 28.0 to 30.0 MHz exclusive, world-wide
- (have a fall-back position: be prepared to give up 29.7 to 30.0)

3. Organize a PROFESSIONAL team for analysis, research and planning, and prepare a position paper for FCC to use with ITU. Basically an operations analysis and frequency allocation specialist job. Define requirements, define and justify solutions.
4. Coordinate the American position with amateurs doing same job in other countries. Horse-trade and line up support before the conference. There are amateurs with political influence in many other countries - enlist their support early.
5. U.S. team members should try to get on the U.S. team for the ITU conference, to represent U.S. amateur interests directly.
6. The three elements required for success are:
 - Thorough and comprehensive planning
 - Good advance coordination with other teams and with FCC
 - A well-qualified delegation at the conference to advance and defend our position

Some observations:

1. Prose Walker, speaking as W4BW rather than as an FCC wheel, was more frank, and displayed more clarity in his presentation than most of us are used to from people in government.
2. ARRL has at present a "War Chest" of \$ 100,000 for ITU conference preparation activities to date. John Griggs indicated that the ARRL Board is starting to plan now. See the November 1971 editorial in QST.
3. If one asks how an individual, or a club like the TRW/ARC can contribute to this effort, a direct answer is hard to find. We do support the AMSAT-OSCAR program directly, and this is a contribution to the cause. Technical or diplomatic contributions to the frequency allocation issues are more difficult to visualize. Time will tell.

NOVEMBER DINNER MEETING

By Ed Thornley, WA6JHD

The Annual Dinner meeting of the TRW/ARC, held at the Cockatoo on 18 November was a very pleasant for the 30 club members, XYL's and guests. Our L.A. Section SCM, Gene Violino and his wife attended and Gene gave us a very interesting run down on ARRL organization and activities at our local level. Doug Freeman, W6NHX, for the first time in our recollection, was left speechless when he was presented with a special award in recognition of his five years of loyal service to the club as Field Day Chairman. Al Lee, W6KQI showed pictures of the Baja 1000 Car race that he and W6NHX supported. A nice collection of door prizes topped off the evening and we all agreed to do it again next year.

WANT AD DEPARTMENT

For Sale - HW-16, \$ 90 and HG-10B, \$ 35, or both for \$ 120. Nice transceiver and VFO for the new novice. Call Greg Loegering, WN6SMS, (213) 372-8273

For Sale - (3) Vocaline CB Transceivers, Model JRC 400, 6 volt powered Call Bob Hepworth, ext 50702 Make offer.

NEW CALLS

Latest info received indicates a flurry of new and upgraded mebers, so to keep your log book straight, here's the dope:

<u>Name</u>	<u>New Call</u>	<u>Class</u>	<u>Old Call</u>
Ted Carter	WA6PAS	Advanced	WN6PAS
Steve Shane	WA6NRQ	Advanced	WN6NRQ
Paul Weisz	K6YQ	Extra	K6PSE
Herb Brinker	WB6UIC	General	none

CLUB BADGES

By Al Lee, W6KQI

During one of our Saturday Morning TRW/ARC nets on 7.280 MHz, I made the mistake of asking why our club doesn't have badges. I stated I thought that they would be nice to have especially to be worn by the membership at various conventions. Everyone agreed and appointed me as a committee of one to design, select and purchase badges. That was rather dangerous but the TRW/ARC badges were worn for the first time at the ARRL SW Division Convention in Santa Maria and let me say that we made quite a splash there.

One of the first benefits from wearing my badge was that I was approached by a young ham from the Bay Area who claims to have worked one of our club members, Wally Linstruth, WA6JPR to establish a QRP record for distance per milliwatt. Hope Wally will tell us about it sometime.

Anyway, if you're interested in purchasing a badge with your name and call, and one for your XYL, the cost is \$ 3.00 each. The club makes a few cents on each, so join us and wear yours with pride.

TREASURER'S REPORT

By Frank Halligan, WB6GBC

Balance on hand 31 October 1972..... \$ 288.98

Receipts

Dues (new)	\$ 2.00
Dues (renewals)	20.00
General Class fees	5.00
Badge Sales	5.25

Total receipts \$ 32.25

Expenses

Award Frame	\$ 7.69
Guest Lunches	7.00
Hamfest Dinner(net)	7.01

Total expenses \$ 21.70

Balance on hand 30 November 1972..... \$ 299.53

RACES BULLETIN

OK you guys, you've heard the pitch from Dr. Richter and others, so you know a little bit about the Radio Amateur Civil Emergency Service. The application forms are here, so I urge you to call me on extension 61673 and put your training and talents, as radio operators, to work on behalf of your neighbors and your community.

Under the new operational area plan, L. A. County RACES, under the overall supervision of County Sheriff, Peter J. Pitchess, has assumed responsibility for recruiting, training, and providing the administration for the entire operational area. This includes amateurs assigned to the cooperating cities, as well as those whose assignment involves support of the county Emergency Operating Centers (EOC) and the 14 district EOC's.

RACES is not in competition with other amateur radio organizations, such as AREC and MARS.

Nationally, RACES has the assigned role of providing auxiliary communications, as necessary, between agencies of local and state governments. RACES thus is complementary to AREC, MARS, and similar organizations.

RACES is a disciplined service and, as such, observes precise operational procedures and methods. Training and instruction in standardized communications procedures are provided to RACES members.

Individuals who join RACES in ~~Los Angeles~~ County may choose their normal duty station on the basis of geographical considerations and may expect, except under extreme emergency conditions, to fulfill their RACES commitment at that location.

For more information, call L. A. County RACES, 626-9511, extension 83126. If you are on VHF, call K6CPT weekdays, 8:00 AM to 4:00 PM on 147.28 MHz (AM), or 145.66 MHz (NBFM), and listen on 145.30 (NBFM).

Remember, this is the age of involvement and its too late to get involved after disaster strikes!

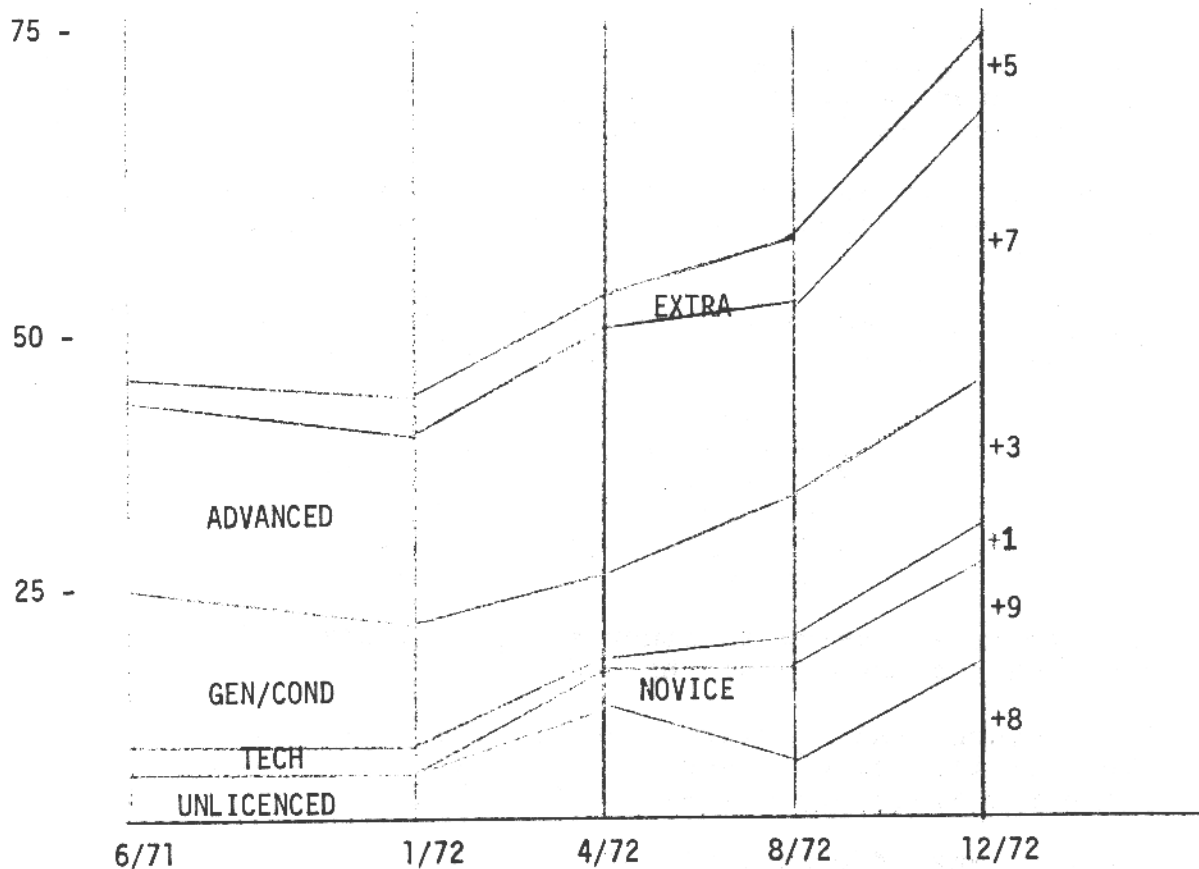
Join RACES.

A1, W6KQ1



MEMBERSHIPBy Ted Carter, WA6PAS

Growth this year has been gratifying with a great deal of the credit going to our training efforts. Increases since first of the year appeared in all license classes with special emphasis on our novices and unlicensed trainees. This chart of the Regular members indicates clearly our growth pattern. Our resources are increasing to support additional interests and projects for 1973.



QSL CARDS - Our new cards are available and the quality is outstanding as you can see from the enclosed sample. A limited supply of the "Apollo" style cards remain and will soon become a collectors item. Order forms are attached. Incidentally, we now use postal delivery exclusively. You can now expect delivery, barring a "pile up" on the printer Art Bliss, within two weeks of our receipt of the order.

SECRETARY'S REPORT

By Jerry Dean, WA6GVO

The monthly meeting of the TRW Systems Amateur Radio Club Executive Committee was called to order at 1210 on Tuesday, 12 December 1972 in R2-10 by President Paul Weisz, K6PSE. Attendees were: Paul Weisz, Bob Goad, Ed Thornley, Carl Rothrock, Al Lee, Frank Halligan, Doug Heydon, Jerry Dean and Ted Carter.

1. President Paul displayed a Heath HG-10B VFO that was donated to the club by member Larry Wilcox, WA6EFB. Secretary will provide Larry with a receipt of this generous donation based upon current catalog kit price of \$ 47.50.
2. Ed Thornley motioned, Jerry Dean seconded, that the club will purchase a straight key (not to exceed \$ 5.00) for the club station. Motion passed.
3. Frank Halligan motioned, Carl Rothrock seconded, that Al Lee be authorized to spend \$ 20 on purchase of code practice table from the Lockheed Amateur Radio Club. Motion carried.
4. Frank Halligan motioned, Ed Thornley seconded, that Carl Rothrock be authorized to spend \$ 34 for modification of club station license. Motion carried.
5. The secretary made available to the board the ballots for the election of club officers for 1973. Results of the election are:

President	Paul Weisz
Vice-President	Ted Carter
Secretary	Frank Halligan
Treasurer	Jerry Dean
Activity Manager	Jack Clarke
Trustee	Carl Rothrock

6. Ted Carter was asked to study the possibility of incorporating a life membership category for the TRW/ARC.
7. Doug Heydon read a letter from the Navy granting permission to the club for the use of space at the Naval Oil Storage Facility in San Pedro for Field Day operations in 1973.

The meeting was adjourned at 1310.

Respectfully submitted
Jerry Dean, WA6GVO
Secretary

EDITOR'S CORNER

By Ed Thornley, WA6JHD

As this 12th issue comes out of my typewriter, I want to thank all of you who have contributed to make my job easier, the patience, encouragement, and submitted articles, all of which have made our "Cross-Talk" that much better. My special thanks to my XYL Judy for her help in typing (and occasional editing!) and the stapling, licking and pasting when we mail the outside copies. It's been a cliff-hanger at times to get it out on time, but I don't think we've missed an issue. My best to all you good members and readers for the Holiday Season and have a wonderful 1973!