



# cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



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October, 1980

PICNIC - POLLIWOG PARK NOON, OCT. 29, 1980

## NOVEMBER HAMFEAST

The TRW/ARC 14th Annual Hamfeast is scheduled for November First at Del Conte's in Torrance. This affair will include social hour, prime rib dinner, awards, door prizes and a slide program on the Antarctic by John Lohr, K6AEL. John was scheduled to put on this program at our dinner last year, but was "Lost at Sea." We are looking forward to his presentation along with the opportunity for fun and refreshment with all of our members, XYL's and friends.

If you haven't already signed up, please see the announcement inside this issue of Crosstalk, fill out the form and get it in to Jim Hill ASAP. Reservations deadline is October 29th!

See you there  
ED, W6RXD

## MINUTES OF THE EXECUTIVE COMMITTEE MEETING

OCTOBER 14, 1980

The Executive Committee meeting of the TRW Amateur Radio Club was called to order at 1730 hours at Sala's Restaurant by the club President, Al Lee, W6KQI. In attendance were Bill Daley (K6BO), Jim Hill (W6IVW), Dave Gilmore (WB6IDJ), Bill Schrecengost (WA6EVS), Bill Dews (K6AWO), Bill Ivey (WA6QET), Charley Speelman (WA6RUZ), and Bob Hume (KG6B). The following topics were discussed:

- Jim Hill proposed several budgetary changes for 1981. A motion was passed to NOT renew our subscriptions to Technical Periodicals in 1981.
- We agreed that our next regular club meeting will be a Picnic.
- Charley Speelman presented his club Jacket-Patch design. It was well-liked and a motion was passed that Charley be given authority to negotiate the price and purchase one loom (160) patches.
- The November Hamfeast will feature John Lohr with a slide show on his Antarctic experiences. Send Jim Hill your money by Oct. 29. Dave Gilmore was given authority to spend \$100 for door prizes.
- Bill Schrec passed around a photo of the proposed Club Jacket. He also requested that the club purchase some windbreakers for the Swapmeets personnel. (Action postponed). Charley and Bill will conclude the club jacket selection by color-coordinating the jacket with the patch.
- Bill Dews reported that the club has 108 TRW members and 42 off-site members.
- Bill Ivey reported on the last SEA meeting and the clubs participation at the company open-house.
- We discussed the proposed constitution change submitted by Ed Thornley, regarding rules for expulsion of members. Bill agreed to work with Ed on modifying the proposal.

The meeting was concluded at 2030 hours,

Respectfully submitted

Woody Ornellas  
Secretary, TRW/ARC



FROM THE PRES.

Al Lee, W6KQI

How many of you attended the Open House at TRW on October 11th? Did you see our club booth? With lots of help from Wayne Hale, W6IZK, Bill Schreck, WA6EVS, Jim Hill, W6IVW, we set up a display of our new club equipment along with an antique home brew transmitter and receiver (circa 1930) owned by Jim, and a 1924 battery powered broadcast receiver owned by Bill. We intended to hook up a solar paddle to my 2 meter TS700S but the weather didn't cooperate. When the sun finally came out, we couldn't check out the solar paddle from M1. We managed to get 115VAC to our booth so went active on 2 meters using Waynes 4 element yagi.

Our Oct. board meeting was enjoyed by all except Dave Gilmore's calculator kept lying to us and our dinner became a bit more expensive than planned.

The most important decision probably was to have a picnic at Polliwog Park on Wednesday, Oct. 24th in lieu of our regular meeting. There are no program or prizes because of our annual dinner the following Saturday. Besides, there were a lot of supplies left over from the last picnic so bring your lunch and a warm jacket and join us at noon.

Ed Thornley, W6RXD has finalized the dinner and program arrangements so hope to see you all at Del Contes on Nov. 1st. Send your money to Jim Hill in R5-2141.

Dave Gilmore was allocated a generous amount for prizes which should make a lot of lucky winners happy.

Bill Schreck and Charley Speelman reported on and demonstrated more jackets for Club use and will make the final selection soon.

Bill Dews, K6AWO, has purchased and installed a pair of crystals in our FT225RD 2 meter rig for '51 and '52 simplex operation. Setting the megahertz selector determines the coarse frequency.

Schreck reported that there will be an auction at the next Swapmeet (Oct. 25th).

Jim Hill prepared a financial report for SEA with a 1981 forecast. Copies are available. He also prepared a write-up of areas where the club could reduce expenses because the general fund is taking a beating.

The constitution revision was discussed but not agreed upon entirely so Bill Ivey has made the final changes which are presented for your reading and approval at the next regular meeting.

Nuff Sed

#### LETTER TO THE EDITOR

CAN L. A. GO ALL THE WAY?.....

By Bill Pasternak, WA6ITF

Your recent reference to one of my "Looking West" columns has set me to thinking. Can Los Angeles become the home of another Dayton Hamvention or ARCH Convention. I feel it can, providing we start to learn from our mid-Western brothers and sisters. What sets these show's above the rest? What is it that makes them truly great experiences in Amateur Radio? There is a word; a single word that gives the answer. Comradery.

Unlike the Southland, where everyone seems to have become part of a "click"; and thus attained a label for him or herself, this attitude is not prevalent in the Mid-West. Oh, it exists to some extent, but not to the level it is out here, or in most other large cities I have visited. Here we are a "DXer". Or, we are a "Repeater Person: come "Fmer". We are labeled and typecast. Sterotyped as you will. In my travels this past year, I have found little of this in America's heartland. So, the first thing we must do is to rid ourselves of the labels we have affixed to one another and start thinking of each other simply as "hams". Overcoming the structured prejudices we have built up in relation to one another is step one.

Since ARCH '80 was cited in the editorial commentary appearing in your newsletter, let me concentrate a bit on it in this dialogue. I also should clear up one misnomer. Of the four major conventions I attended this past year; which includes Dayton, ARCH, SENARC and our own Southwest Division outing, at all but the latter I was an invited guest speaker. I normally attend Dayton every 5 or 6 years to see how things have progressed, but this was the first time that they called me. Not vice-versa. The same held true of ARCH '80 and SENARC. In the case of the Southwestern Division conclave, we (Westlink Radio) were offered booth space, and I wish to take this opportunity to publically thank the planners of HAMCON for inviting our participation. Speaking for the entire Westlink Newsteam, we are very greatfull to them for the space provided.

But I digress. The best way to tell you how ARCH '80 became a "great show" in only two years is to tell you about a man named Bob Heil, amateur callsign, K9EID. In this wonderfull world called the amateur radio community, we are very blessed with members whose devotion to hobby-service is undaunting. Such a man is Bob Heil, K9EID of Marissa Illinois. I first became aware of Bob thru a letter I received from my publisher Wayne Green, W2NSp, about two years ago. It was a short, somewhat terse letter as Wayne's notes usually are. It read simply that I might want to get in touch with K9EID in relation to some experiments in cross-band repeaters he had undertaken. I took Wayne's advice, and called Bob. I can honestly say that my life has not been the same since.

Bob is the epitome of the active amateur of today. His interests range from DC to light. Literally. He, like myself believes in getting a job done right, the first time. Maybe this comes from his background as an audio engineer. Heil is considered one of the best in the nation. Bob and I quickly became friends over the phone. We would talk at length; sometimes for hours on end into the wee hours of the AM. Another thing we have in common is that we both seem to be "night people". Bob told me the story of the first ARCH convention held in 1979.

Bob Heil believes in people. He believes that with the proper motivation, divergent interests can converge. Thats why when he was told told that it would be impossible to put together a combination "Amateur Radio & Computer Hobbieists" show in 90 days, he went ahead and proved the "experts" wrong. Thru his personal efforts, the Gateway Amateur Radio Association; an organization of 17 St. Louis and vacinity radio clubs was formed. 90 days later ARCH '79 drew close to 2500 attendee's. It took enacity and a will to make the extreme effort necessary. An extrodinary amount of both devotion and understanding. But Bob Heil, K9EID, possesses these qualities, and due to this, he was able to combine the divergent interests and come up with one of the nations best conventions. The key was to make everyone understand that such a convention would benefit all parties. Bob accomplished this.

The key was diversification, and taking away of the labels that we spoke of earlier. ARCH '80 had something for everyham and his family. It began with a "Baseball Night", followed by the convention proper and concluded with a family outing to Six Flags Amusement Park. ARCH '80 wasfamily oriented as it was amateur radio and computer oriented. It drew over 3,000 attendee's and in doing my intet-views, I could not find a single negative voice in the myriad of attendees. Even the exhibitors had high praise for the show's management, and most committed to return next year. Why? Unlike other shows where just about anything the exhibitor needs is an "option", at ARCH '80, the exhibitors wish was the sponsors command. It was all but impossible to keep up with Heil and his crew. They were constantly on the convention floor; overseeing the needs of the exhibitors. Not making excuses for "this or that" not being proper. No. If there was a complaint, it was attended to immediately. How many shows do that?

Well, we do not have Bob Heil K9EID here in Los Angeles. Nor do we have Noel McKewon WB8QQC, who headed up this years Dayton Hamvention, and who will be putting together Dayton '81. What I have noted in both these cases is that while there are "committee's" set up to handle different aspects of show planning, both of these very successfull shows seem to revolve around the drive of a single individual. A person with exceptional leadership qualities and the ability to delegate authority wisely. Therein lies key number two.

Somewhere in this vast megalopolis we call Southern California there must exist our equivalent of a Bob Heil or a Noel McKewon. The odds are that there are more than one. Probably hundreds. The problem is that we have probably given them a "label" such as "DXer" or "VHFer" or; what have you. So, we must first disregard the labels and look at the man (or woman) for their overall leadership abilities, while forgetting our own personal prejudices. We must find a person of talent and motivation. One who is devoted to our hobby service and is willing to make any and all sacrifices needed to bring about a "joining of the minds". Once this type of leader is found, the rest will begin to happen by itself. Our recent Southwestern Division came close. Real close. In my mind, it was a far better show than the ARRL National: SENARC '80 in Seattle. While this was a "show" run by committee", the group running it had it's ears and eyes open to the needs of the day. It responded to the wants and desires of our local amateur community far better than most shows I have attended here in the past. It came close to being as good as San Diego; better in some ways. I feel that it's a basis to build from if someone will only "pick up the ball and keep it moving."

In relation to the four shows mentioned in this article, Dayton was far and away a convention unto itself. It always is. It's an enigma. There is nothing like it anywhere, and my fondest wish is that each of you gets a chance to see it for yourself someday. I do not think we can ever hope to become a "Dayton"; though such is a possibility. We can become an "ARCH" if we are willing to put aside political, philosophical and ideological differences and work toward a common goal. It can be done, and "ARCH" is ongoing proof of this. If Bob Heil K9EID and GARA could put together a convention of national importance in under 90 days, so can we. After all, are we not looked upon as the "trend-setters" in amateur radio?

I cannot close without mentioning the guest list at ARCH '80. What brought people from all over the nation; including ARRL top officials from Newington and speakers from the West coast to St. Louis? The answer to that is simple. The carisma of a man named Bob Heil. It's up to you to find our version of this man, and if we do, don't let go. Give him your support, and we can all enjoy an annual event of our own.

de WA6ITF



Bob Heil, K9EID (right) of Marissa, Illinois, was the Spearhead of ARCH '79 and ARCH '80.

Reservation Deadline  
October 29, 1980

14<sup>th</sup> ANNUAL

# TRW/ARC HAMFEAST

Make your reservations now for the TRW/ARC Hamfeast, November 1, 1980.

This event will be held at DelConte's Restaurant, 2900 Pacific Coast Highway, Torrance on Saturday, November 1, 1980.

Schedule:	Social Hour	6:30 P.M.
	Prime Rib Dinner	7:30 P.M.
	Awards and Recognitions	8:30 P.M.
	Program: John Lohr, K6AEL	9:00 P.M.
	"Antarctic Experiences"	
	Door Prizes	10:00 P.M.

All members, YF's, YL's, and friends are invited to attend. Cost - \$11.00 per person.

Use the form below to make your reservations now!

Deadline for sign-up is October 29, 1980.

.....  
To: Jim Hill, Treasurer  
TRW/ARC  
Bldg. R5, Room 2141  
TRW/DSSG  
Redondo Beach, CA, 90278

Please make reservations for the TRW/ARC Hamfeast for myself and guests listed below. Cost is \$11.00 per person.

Member	_____	Call	_____
Guest	_____	Call	_____
Guest	_____	Call	_____
Guest	_____	Call	_____

My check, made to TRW/ARC for \_\_\_\_\_ persons @ \$11.00 each, total \_\_\_\_\_ is enclosed.

Name \_\_\_\_\_  
Address/Mail Station \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



HERE'S AN INVITATION TO JOIN THE TRW SYSTEMS AMATEUR RADIO CLUB, W6TRW



There are many advantages:

1. Operate our club station.

Our HF station includes a TS-820S, a 3 element 10-15-20 beam 70' high, and dipoles for 40 and 80. We also have the new Yaesu FT 225RD all-mode 2M T/R.

2. Join us on 147.51 simplex while commuting to and from work.

Non-members are welcome, too.

3. Meet others at TRW with similar interests.

Over 100 of our members are local TRW employees.

4. Participate in ham related and social events.

We always finish high in Field Day points, using participants of all skill levels, from rank beginners to experts. Everyone participates.

5. We have a monthly club newspaper 'Crosstalk'.

To keep everyone informed on what is taking place.

6. We have monthly noon meetings.

Every last Wednesday of Month at Space Park with interesting speakers.

7. Participate as a member in the monthly club Swapmeet.

Which is a major event in Southern California.

What are the requirements? Just an interest in ham radio, and hopefully an interest to participate in club affairs. Code and theory classes are given periodically.

For additional information and application forms, TRW AMATEUR RADIO CLUB W6TRW  
C/O  
BOX 5-1435 ONE SPACE PARK  
REDONDO BEACH, CA. 90278  
ATTENTION- MEMBERSHIP CHAIRMAN



Pls leave on bulletin board till December

## INVITATION

You may have noticed this invitation to join our club on the bulletin boards. Now will you please give this page or better yet after you read Crosstalk pass it along to someone here at TRW.

We have members who enjoy the comradery of our club, and each year I see new blood join in with the old timers.

TNX Bill Dews, K6AWO  
Membership Chairman

## ATTENTION AFFILIATED CLUBS

☐ If your club is *actively* affiliated with the ARRL, one of your officers has already received a coupon redeemable for a review copy of the new *ARRL Operating Manual*. If your club has not received a copy of the *July Radio Club News*, you did not receive this coupon. Why not update your club records so that your club can participate in future giveaways? Contact the Club and Training Department at ARRL hq. for the status of your club. — Sally O'Dell, AE8P, Club Programs Manager

## W6TRW DUES

No don't reach for your check book. The club dues have been extended till Jan. 31, 1981. I will be giving you notice each month so by the time the first of the year arrives you will be ready. Please do not send money before Jan. 1981. I will enclose an application form and would like to up-date the club files on present ARRL membership. You may cut out the membership form for the ARRL, if you are not a member at present. Many hold life membership in ARRL here at W6TRW.

73 Bill Dews, K6AWO

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Tech Info Service  
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Training Aids  
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Your ARRL/CRRL membership  
buys ALL THESE SERVICES  
AND MORE. ACT NOW!

## MEMBERSHIP APPLICATION

Name \_\_\_\_\_ Call \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ Prov./State \_\_\_\_\_ PC/Zip \_\_\_\_\_  
\$18 in U.S./\$20 in Canada/\$21 elsewhere (U.S. funds) \$ \_\_\_\_\_  
VISA or Charge No. \_\_\_\_\_ Expires \_\_\_\_\_  
Master Charge No. \_\_\_\_\_ Bank No. \_\_\_\_\_ Expires \_\_\_\_\_

The American Radio Relay League  
225 Main St. Newington, CT. 06111 USA

## TREASURERS REPORT - GENERAL FUND - SEPTEMBER 1980

Balance on Hand - September 5, 1980		Balance on Hand - October 2, 1980	
Checking Account	248.97	Checking Account	150.93
Credit Union Shares (8/4)	213.73	Credit Union Shares (10/2)	253.76
Total	462.70	Total	404.69

### SWAPMEET

The September 27 Swapmeet drew another fine crowd. Loads of equipment and components traded hands. Our Radio Club picked up a 2 meter eleven element Cushcraft Beam at a bargain price, and the undersigned purchased two power supplies for a newly acquired computer. "It's a fact, if you are looking for a piece of electronic equipment at a bargain price, go to the TRW/ARC Swapmeet!"

The Swapmeet operators for September were Bill Daley (K6BO), Al Lee (W6KQI) and Stan Johnson (W6EKK). This crew did a fine job of manning the booth and Swapmeet and only one hitch occurred - Al Lee hurt his back lifting some equipment.

Swapmeet operators scheduled for October are Ed Wheeler (N6AGA), Paul Weisz (K6YQ) and Fred Garrett (N6CRW). We may have an auction to sell the large amount of donated equipment stored at building 65. So club members, do make it to the October 25th Swapmeet. See you there.

Bill S. WA6EVS

### REPEATER LIST

For a copy of a 144 and 220 repeater list send a 6 x 9 manila sase to:  
Rio Hondo College % Thomas R. Polley, WA6GEV, 3600 Workman Mill Road,  
Whittier, CA 90608

### NEW MEMBERS

Michael Kosty WA6GFB  
Ronald Phillips

### DOOR PRIZE WINNERS SEPTEMBER MEETING

AC Junction box	Al Lee	W6KQI
Multimeter	Mel Erb	K6GWC
Dinner tickets	Irv Emig	W6GC

Thanks again to Bart Earle, WA6ZVT for the donated dinner tickets and to Signal Electronics for help with the rest of the door prizes.

### GROUNDING SYSTEM

Ever try digging 4, 7 or 8 foot holes in the ground to install the grounding system described by Bill Nelson at our February, 1979 meeting. It was reported in March, 1979 Crosstalk. Well, Neil Hudson, N6NW has just the tool to make installing the system easy. It is a 1 inch wood drill welded to the end of a 6 foot section of water pipe. At the other end is a hole for a cross bar to make turning pipe easy. Additional sections may be added for convenience or to make hole deeper. Water should be used to make it even easier.

This ground system now installed by N6NW and K6GWC. It can be noted that the drill can be used to make short holes in ground when it comes time to feed your trees.

