

# cross talk

TRW AMATEUR RADIO CLUB stems Employee Association



THURNLEY ... 1977

TRW/ARC Saturday	Morning Nets 10AM LT
Primary	7.280 MHz
Secondary	3.980 MHz
Novice	7.140 MHz
Simplex	147.510 MHz

# EDITORIAL VIE

Time sure rolls by, here it is well into May. The Swap Meet is over and I might add that it was one of the most successful ones that we have had. The next big event is Field Day. I hope that you are all getting ready for this. Bill Ivey sure came through on the Swap Meet donations. Thanks from all of us Bill. I would like to welcome Ted Carter WA6PAS, who has accepted the job as Treasurer. Ted is not a new-comer to the ranks he has held other office's within the Club. Thanks and welcome Ted. I also noticed another familiar name on the Club Staff Roster, Welcome Frank Halligan W6RLN. I just received a late News Flash from our Prez Bill Dews that Bill Schrecengost, WA6EVS will be the new Swap Meet chairman and that he is planning another Swap Meet this fall. Good going Bill. I guess this would then be the time to also thank Jim Mc Williams for his past efforts as Swap Meet Chairman. Thanks a lot Jim and you have done a great job. See you all after vacation........... 73's CUL Mac... K6RL

cKT

### FINANCIAL NEWS

Good news it is. Our financial adviser, Phil Presser has started the ball rolling.

Notice our add in this issue from Henry Radio.......

Good work Phil.

# VICE PREZ SEZ....

Don't forget the meeting Wed....

Lots of good Door Prizes....

\*\*\* MEETING REMINDER \*\*\* R2-1055
Always the last Wednesday at noon

# **ARRL Publications/Supplies Order**

	7 - II						
THE RADIO AMATEUR'S HANDBOO The standard manual of amateuradio communications. \$7.50 US \$8.50 Canada, \$9.50 elsewher	TECHNIQUES FOR THE RADIO AMA- TEUR Covers Amateur Television,						
TUNE IN THE WORLD WITH HAI RADIO All the beginner needs to know to obtain the Novice license Package includes text, code practice cassette, and multi-color U.S. call area map. \$7.0	niques. \$4.00 US, \$4.50 Elsewhere  THE OPERATING GUIDE A reference source and guide to good operating practices.						
ARRL CODE KIT Two 60 min .cas settes and booklet to get you from 5 to 13 wpm quickly! \$8.0	m and repeater operation and equip-						
LICENSE MANUAL Complete text of amateur regulations, plus Q & A for all amateur exams. \$3.00 US, \$3.50 elsewhere	of \$4.00 US, \$4.50 Elsewhere  THE ARRL WORLD MAP Shows amateur prefixes throughout the world. Printed in eight colors. \$3.00						
SOLID STATE DESIGN FOR TH RADIO AMATEUR Practical circuit and theory. \$7.00 US, \$8.00 Elsewher	THE ARRL LOGBOOK Spiral bound to lie flat. Thirty-six log pages plus thirty-six blank pages for notes. \$1.50 US. \$1.75 Flsewhere						
UNDERSTANDING AMATEUR RADIO Written for the beginner. Contain theory and how-to-build-it info. \$4.00 US, \$4.50 Elsewher	S OST BINDERS Designed to hold an entire year's file of QSTs. Protects						
The treatment of all phases of V.H.F. construction and operation.	h New 8½ x 11 size for QST after Jan. 1976: \$6.00 (U.S. & Canada only)						
\$4.00 US, \$4.50 Elsewher  A COURSE IN RADIO FUNDAMEN TALS Classroomtext and home stud guide. \$3.00 US, \$3.50 Elsewher	the special needs of mobile and portable-mobile operation.						
ARRLANTENNA BOOK Contains theory and construction of all types cantennas, \$4,00 US, \$4,50 Elsewher	mission 70 sheets per pad & EA						
SINGLE SIDEBAND FOR THE RADIO AMATEUR A compilation of the best s.s.b. articles from QST.	L/C/F CALCULATOR For problems on inductance, capacitance and frequency. \$3.00						
\$4.00 US, \$4.50 Elsewher	ARRL EMBLEM PIN \$2,00						
ARRL ELECTRONICS DATA BOO Reference guide of charts, tables & circuits,\$4.00 US,\$4.50 Elsewher	ARRL EMBLEM DECAL \$.10						
HINTS AND KINKS Contains over three hundred practical ideas for your hamshack. \$2.00 US, \$2.50 Elsewher	TO CHANGE						
Ship postpaid to:							
NAME	CALL						
STREET							
CITYST	ATE/PROVZIP/PC						
Total Enclosed (or charge to MC, BAC or Chargex) \$							
	Expires						
Master Charge Expires Bank No							

THE AMERICAN RADIO RELAY LEAGUE, 225 MAIN ST., NEWINGTON, CT 06111 PYSO-1 1-77

By Jim Hill, W6IVW

The TRW ARC Executive Committee meeting was called to order in room M2-1825 at 12:40 PM by the president. The following people were present: President Bill Dews, K6AWO, Secretary Jim Hill, W6IVW, Treasurer Ted Carter, WA6PAS, Activities Manager Gary Komatsu, K6HPD, Cross Talk Editor Mac McGrew, K6RL, and Assistant Editor Mel Erb, K6GWC. Say, Mr. Paul Weisz, Frank Cartier, Phil Presser, John Pettingell, and Jim McWilliams, where were you? Gary Cooper, thanks for RSVP'ing.

Swap Meet

The set-up/car space fee will be increased from 50¢ to \$1.00. Gary Komatsu is strongly considering having the Swap Meet twice a year. The last swap meet was a success, financially, with a gross of \$160.25 and \$132.73 net profits. About half of the purchased soda pop remained, and it is slated to be drunk during field day. Many thanks to Bill Ivey, WA6QET, whose donated items were sold at the auction for about \$60! Cleaning out your shack and want to donate some boat anchors for the next swap meet raffle? Bring them to Space Park any working day, and call Gary Komatsu, x50339/62080. They will be stored at the shack until the next swap meet. Dave Gilmore says even SCR 522's will sell.

## Cross Talk

The advertizing fee sheet requires clarification, and it was suggested that a one page form letter and fee schedule be prepared. Bill Dews will coordinate with Phil Presser, WB6MXE. The drop dead date for the next (May) edition is Thursday, May 19. Mel Erb will publish the June edition.

## LAACARC

The TRW ARC delegate for the next Los Angeles Area Council of Radio Clubs will be Jim Hill. Bill Dews will remind Jim as the June 14 date approaches.

Membership Roster

It was recommended that Frank Halligan. W6RLN, be contacted to determine if he would maintain the membership roster. (Frank was phoned after the meeting, and accepted. Thanks, Frank!). Update the roster and keep it current by phoning Frank, x51090, regarding changes and additions. To save costs, a general mailing will not be made, but full members may request a copy.

Miscellaneous

Jim Hill will send appropriate envelopes to the QSL Manager (Lockheed ARC), and coordinate with the building S library regarding keeping a file of Cross Talk there. The meeting was adjourned at 12:59 PM.

#### FOR SALE

DRAKE R4BLow Band Receiver	. \$325
DRAKE W4 Speaker Console	.\$45
DRAKE 2-NT C.W. Xmitter	.\$75
PACKAGE PRICE	.\$400
Contact:	
Bill Schreck M4 1361 ex52217	.WA6EVS

THE APRIL GENERAL MEETING

by Jim Hill, W6IVW

The April general meeting was called to order at 12:02 PM, 4-20-77, by President Bill Dews. 24 people were present.

Our treasurer, Dave Carson, is leaving for greener pastures (literally - he is moving to the Seattle area), and a volunteer is needed to take his place. Nobody volunteered, and there was thought of making the position a door prize. However, Vice President Doug Heydon arrived with a number of ARRL publications as door prizes, so they were used.

The swap meet was a success, grossing about \$160.

The forthcoming ARRL convention at Santa Maria was mentioned. A number of members are planning to attend, and we hope to have a good group from TRW.

Under old business, Gary Komatsu discussed the April 9 station maintenance work party. Not much was accomplished, as nobody but Gary came. The tower guy wire and rotor jobs still remain, so another party will be scheduled.

Bill Nelson, WA6FQG, was introduced, and he gave part 2 of his electrical interference talk. This session covered methods of locating the source of interference. From Bill's description, it appears that the job is easy. All you need is a couple of portable AM receivers, one covering the short wave band and the other covering somewhere around the 6 or 2 meter band. SSB receivers are unacceptable, and apparently FM receivers are not too satisfactory, either. You adjust the receiver to the highest frequency where the noise can be heard, and jump in your car. As you approach the noise source, the noise can be heard on a higher and higher frequency. You are pretty close when you can hear the noise on VHF, and (assuming that Bill's employer isn't to blame) you can start checking individual houses. Mention TVI when you start knocking on doors, as the house with the source will have TVI. The neighbors may too, but you need some sort of challenge.

The door prize raffle followed, and the ARRL publications rapidly disappeared. Your secretary suggested that one of the door prizes be Bill's services to eliminate the lucky winner's noise problem, but the "prize" didn't agree. The meeting was adjourned about 1:00 PM.

IMPORTANT NOTICE! The Department of Motor Vehicles, Sacramento, is at it again! Through Senator Foran of San Francisco, they have introduced a license plate bill in the California State Senate. It is designated as Senate Bill 915 and is identical to the bill that was introduced last year and which was withdrawn only after spirited opposition by our fellow amateur radio operators. Briefly, the bill calls for a \$25 fee to request call letter plates, a \$10 fee to renew each year, and a \$12 fee to transfer the plates to another vehicle. Contrast these fees with those now in effect, \$3.00 for application, no annual fee, and a \$3.00 fee for transfer to another vehicle. The DMV is trying to group all special license plates as "vanity plates" and to charge us accordingly.

Although the DMV promised to establish their costs and to modify the measure accordingly, they have not done so, and I do not feel we can afford to wait and let this one be slipped over on us. Your urgent cooperation is requested: Right now: Write your State Senator and also your State Assemblyman and urge the defeat of this ridiculous measure. At least ask for the deletion of section 5005 which pertains to amateur call letter plates. DO IT NOW!

The third annual TRW Amateur Radio Club Swap Meet started off with fine weather. Sellers and buyers began arriving an hour before the scheduled stating time 10; A. M. By 10:30 thirty five sellers had set up shop and additional Sellers were still arriving. Shortley after 11:00, Paul K6YQ our NO. 1 auctioneer started his spiel.

The SWAP Meet seemed to develope into a series of short range personal QSO, s and didn't break up until after the scheduled ending time of 2:00 p.m.

Many thanks to all of the club members who helped make this event a success. These club members included Neil Hudson N6NW(note the new N call.), Gary Komatsu K6HPD and his wife. Frank Cartier WA6RAY and family, Bill Schrecengost WA6EVS, Frank Halligan W6RLN and Bill Dews K6AWO. A special thanks to Bill Ivey WA6QET for his generous contribution to the club auction. Bill's contributed items brought in \$68.00 for the club treasury. Additional TRW member/seller/ buyers seen at the swap meet included: Dave Smith W6CQ, Herb Gleed W6FQ, Jack Clark WB6TCR, Doug Haydon WB6WDS, Rendall McKecknie W6ZWS, ED Thornley W6RXD, Fred Reed W6UMC and Dale St. John. All in all it was a great Swap Meet.

# Treasurer's Report for April 1977

\$ 321.16 Balance on hand April 1, 1977:

Receipts	•	Expenses		
Raffle ticket sales (3/30) \$ New member dues	13.25 2.50 160.05 47.00 24.50	Door prizes for 3/30 meeting QSL Orders Antenna repair Crosstalk printing-March Door prizes for 4/27 meeting Guest speaker lunch expense Postage	\$	25.02 18.25 27.92 11.24 22.47 2.50 15.99
\$ :	251.35	Balance of 1977 LAACARC dues		3.00
Ψ '			Ś	126.39

\$ 446,12 Balance on hand April 30, 1977:

> Respectfully submitted, David P. Carson, WB6BG0 Treasurer, TRW/ARC

# W1AW SCHEDULE

# (April 24 - October 30, 1977)

Operating-visiting hours are Monday through Friday 7:30 A.M. to 1 A.M. and Saturday and Sunday 3:30 P.M. to 1 A.M. fail local Eastern time). The station address is 225 Main St., Newington, CT 06111 (about 7 miles south of Hartford). Maps with local street detail are available upon request. Please note that all footnoted frequencies are approximate. If you wish to operate when visiting, you must have your original operator's license with you. (Schedules can also be arranged to work W1AW.) The station will be closed May 30, July 4 and Sept. 5. Staff: Chief operator Asst. Communications Mgr. C. R. Bender W1WPR, Chris Schenck W1EH, Stan Gibilisco WAØOKV.

IN A COMMUNICATIONS EMERGENCY monitor W1AW for special bulletins as follows (times in UTC): Phone, on the hour. RTTY, 15 minutes past the hour. CW, on the half hour.

PDST	CDST	EDST	UTC	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
6 A.M.	8 A.M.	9 A.M.	1300	Slow 1	Fast 2	Slow 1	Fast <sup>2</sup>	Slow 1		
7 A.M.	9 A.M.	10 A.M.	1400	CW Bulletins 3						
8 A.M.	10 A.M.	11 A.M.	1500	RTTY Bulletins 4						
1 P.M.	3 P.M.	4 P.M.	2000	Fast 2	Slow 1	Fast 2	Slow 1	Fast <sup>2</sup>	Slow 1	Slow 1
2 P.M.	4 P.M.	5 P.M.	2100	CW Bulletins <sup>3</sup>						
3 P.M.	5 P.M.	6 P.M.	2200	RTTY Bulletins 4						
4 F.M.	6 P.M.	7 P.M.	2300	Slow1	Fast 2	Slow 1	Fast 2	Slow 1	Fast2	Fast 2
5 P.M.	7 P.M.	8 P.M.	0000	<b>←</b> — — — — — CW Bulletins <sup>3</sup>						
6 P.M.	8 P.M.	9 P.M.	0100	RTTY Bulletins 4						-
6:30 P M.	8:30 P.M.	9:30 P.M.	0130	←		F	Phone Bullet	ins 5		
7 P.M.	9 P.M.	10 P.M.	0200	Fast2	Slow 1	Fast 2	Slow 1	Fast 2	Slow	Slow 1
8 P.M.	10 P.M.	11 P.M.	0300	4		Contraction of the contraction of the contraction	CW Bulletin	s 3		
9 P.M.	11 P.M.	12 P.M.	0400	◄		F	RTTY Bulleti	ns 4		
9:30 P.M.	11:30 P.M.	12:30 P.M.	0430	<b>4</b>		Р	hone Bulleti	ns.5		

<sup>&</sup>lt;sup>1</sup> Slow gode practice on cw bulletin frequencies, 8 minutes each session; 5, 5, 7<sup>1</sup>z, 7<sup>1</sup>z, 10, 13, 15 wpm.

#### QUALIFYING RUNS

**W1AW** Qualifying Runs, in lieu of the regular 0200 UTC code practice, will be transmitted on Apr. 25 May 17, June 15 (40 wpm), July 14, Aug. 19, Sep. 13, Oct. 19, Oct. 24; and Frequency Measuring Tests May 14 and Sept. 18, Qualifying Runs will also be sent in lieu of regular code practice at 1300Z on June 22 and Sept. 20, at 2000Z on May 24 and Aug. 25, and at 2300Z on July 26 and Oct. 23.

**W60WP** (W6ZRJ, alternate) Qualifying Runs will be transmitted simultaneously on approximately 3590-7090 kHz on: May 4, June 2, July 6, Aug. 4, Sept. 7 (+40 wpm), and Oct. 6.

#### QUALIFYING RUN PROCEDURE:

When submitting your copy, note the station you copied (and frequency). Underline one minute of the top speed you copied. Furnish your complete name, call (if any) and mailing address. With your copy attach a statement that the copy was made without aid (you may type, however). Awards are given starting with 10 wpm, and endorsement stickers are issued for advances in speed through 40 wpm. A large (10 x 4") addressed stamped envelope included with your copy will help speed your reply. Please indicate whether the request is for a certificate or endorsement sticker.

QST is the monthly journal of the American Radio League. It brings you the latest news of amateur radio, both operationally and technically. It also carries all the latest FCC information on changes in regulations. News of code practice, traffic, clubs, nets, emergency activity, whi 'uhf, awards and contests appears monthly. If you do have a genuine interest in amateur radio you can become an associate member. The membership-subscription fee is \$12.00 (with an added postage surcharge of \$1.50 for Canada, \$2.50 elsewhere outside of the U.S.A.).

<sup>&</sup>lt;sup>2</sup> Fast code practice on cw bulletin frequencies, 8 minutes each session, 35, 30, 25, 20, 15, 13, 10 wpm

<sup>&</sup>lt;sup>3</sup> Cw bulletins, 18 wpm, on: 1.835 3.58 7.08 14.08 21.08 28.08 50.08 147.555 MHz.

<sup>&</sup>lt;sup>4</sup> RTTY bulletins 60 wpm 170 Hz shift, on: 3.625 7.095 14.095 21.095 28.095 147.555 MHz.

<sup>&</sup>lt;sup>5</sup> Phone bulletins on: 1.835 3.99 7.29 14.29 21.39 28.59 50.19 147.555 MHz.



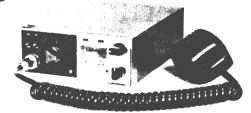
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	p				
Ship to (if dif	ferent)				
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				Subtot.	
	PAYMENT BY	Comments:		Тах	
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Card Number	_			Total	
( )	Bankamericard (or Visa)			_	
Card Number	_			_	
( )	Payment Enclosed				
	Charge to my Henry Radio Account	Signature		Date	

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