

cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB





JULY 1976

TRW/ARC Saturday Morning Nets 10AM LT

Primary Secondary Novice

Sponsored by Systems Employee Association

7.280 MHz 3.980 MHz 7.140 MHz

Simplex

147.510 MHz

Aspects of Amateur Radio, or Gee Whiz

Every now and again, its possible to get a new slant on things just by changing your perspective a bit. Your Editor was recently impressed with some astronomical data published in the ham radio journals relating to the sunspot cycle (now at its low point). Back in 1973, an article was published in which the authors used sunspot observation data all the way back to 1740 to support a somewhat exotic statistical analysis leading to the conclusion that the next one or two cycles would be both late and low in suspot content. At the time, it seemed to me that summoning up most of the modern astronomical era to back up DX propagation predictions was pretty sporty. Comes now an article in July QST with observations of sunspots and auroras going back before 1000 AD, indicating that human observations of the sun have been occurring for far too short a time for us 1976 folks to sonfidently predict anything about old Sol except that he will rise tomorrow in the AM. Humanity has only existed for a time tick in relation to the sun. As a DXer of modest achievements, I feel that that does put us in our place. Gonna whisper "CQ Twenty" next time out.

EDITORIAL NOTE

This issue of CROSSTALK is being typed and assembled in Washington, where your editor has been doing a bit of investigative reporting to see if the folks in Congress know any moves that he doesnt. (Only kidding, Bev)

THE JULY MEETING

Same place, same day, same time as usual Wednesday, 28 July. Due to vacations and busy people, the program this month is TBD. DOOR PRIZES: two calculators and an ARRL Membership. BE THERE

JULY MEETING

"RADIO CONTROLLED MODELS"
by
Frank G. Kelly, President,
TRW Radio Control Club

28 July 12 Noon R2-1055

NOTES AND NOTICES

HEARTY CONGRATULATIONS to Jocelyn Carson, who now sports the call sign WN60AW. OM Dave, WB6BGO, promptly supplied the acronym Only A Woman, which is clearly sour grapes, since he will now have to share that new TS-520. CU on the Novice bands, Jocelyn.

VK5FF IS ALIVE AND WELL and operating from VK5WC at Woomera, South Australia. W6FQ and K6YQ, and assorted spectators have been having scheduled contacts with Al and Jan on 20 meters. Next one is on Sunday, 25 July at 9 PM localtime on 14245 KHz. Call editor for next sked.

THE CLUB STATION still has no rotator on the tower. Two towr workmen are needed at W6TRW some Saturday. The thrust bearing plate has yet to be made and installed. If you can help, drop Bill Dews a note at M1-2130.

FOUND ON FIELD DAY: Sunglasses and a tank top. Call Ollie Saunders, X53971

HIGH SPEED CODE PRACTICE

If you have a general coverage receiver, and need code practice at fairly high speeds, you may copy, but not distribute, these transmissions:

Station NMC (USCG) 16 wpm Pt. Reyes 0030, 0630, 1900, 2100 on 4346 khz 8682 12730 17151.2 Station KFS (IT&T) 20 wpm San Fran 0420, 1620, 2200, 2300 on 6348, 8715, 12695, 17185, 22515 khz. Station KPH (RCA) 25 wpm San Fran 0500, 0818, 1700 2300 on 2045, 4274, 5488, 8618, 12808.5 khz. Station WCC (RCA) 25 wpm NYC at 8 pm pdst on 2136. 4331. 6376, 8586, 13033 khz. (information supplied by W6NAZ)

Treasurer's Report for June 1976

Balance on ha	nd June 1, 1976:	\$663.35	
Receipts		Expenses	
QSL Sales Raffle 6/23	\$ 33.00 21.00 54.00	QSL Orders Meeting Expenses Door Prizes Callbook Listing Field Day	\$ 20.25 12.90 37.23 6.00 170.60

Balance on hand June 30, 1976:

\$470.37

Respectfully submitted,
David P. Carson, WB6BGO
TRW/ARC Treasurer

FIELD DAY WRAPUP

Contacts scored:	Voice		
	VHF	Hale	233
	10	Saunders	40
	15	Thornley	140
	20	Taylor	410
	40	Carson	419
	75	Thornley	56
	CW (Mo)	rris Code)	
	15	Hume	94
	20	Heydon	447
	40	Hume	205
	80	Harrison	103

Attendance: At least 60 folks, including the one that ripped off

Jack Clarkes IC-22A about 0300 Saturday

Major Events: Contact with VK5WC, Al Lee

Contact with WA6RAY's dad in New Hampshire

The power failure that occurred when W6RLN plugged in the coffee pot just when WB6TCR was about to make an

OSCAR contact.

The 70 foot and 40 foot antennas

The meals--against heavy odds

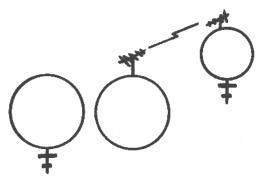
SEE YOU ON THE HILL AGAIN NEXT FIELD DAY

A NOTE AND NOTICE THAT HEARLY GOT AWAY

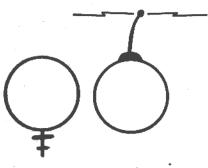
AFTER 25 YEARS, Frank Halligan, W6RLN, has fired up his new TS-520 on 40 Meter CW. Give Frank a call on 7100 KHz (Pse QRS)

THIS PAGE IS RATED SOMEWHERE BETWEEN "PG" AND "R"

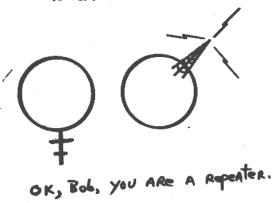
Investigation by your editor has disclosed that there are other publications than CROSSTALK and the Readers' Digest. One of these is the NITTANY NEWSLETTER, which originates in Western Pennsylvania. The N.N. folks have a bulletin exchange arrangement with us and with many other ham bulletins. One of these, in New England, supplied the following: Our youger readers, and particularly W6RXD, will kindly close their eyes and turn the page;

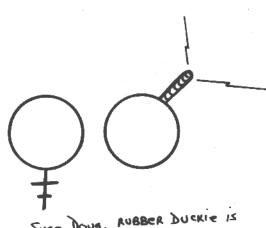


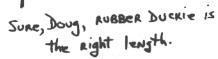
Bill, that is not AN OSCAR!

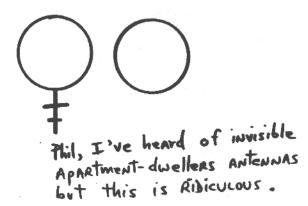


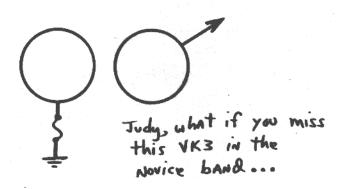
Yes, Fred, I Do Like the way you use your Antenna in the CAR.











OM — Say, honey, did you forget to lock the doors when you got out of the car on this side?

L — Of course I locked the doors, I always do — why, the locks are up — that's strange.

OM — a feeling of a dreaded happening beginning to flash across his mind

Opening the door and gazing at the place where the mobile rig should be — but the feeling of dread came into reality. There in the place of that shiny chrome-plated happy hours, .3 mv for 60 db quieting front end, that source of pleasurable hamming was just NOTHING. A pair of long-nosed pliers and some cut wires gave mute testimony to a dastardly deed done by a fellow human beline. dastardly deed done by a fellow human being.

adstarding about done by a remow numan being.

Great despair was enveloping the OM as he hurriedly looked around to see if the culprit was only having a bit of funning as it were. But alas, wishful thinking and another look at the space where the channel switch, volume and squelch controls gave one an access to ham companionship. GONE — NO MORE.

To the Mall Security Office

I would like to report my amateur radio mobile rig was just stolen from my car.

I would like to report my amateur radio mobile rig was just stolen from my car.

Amateur radio rig? You mean a CB rig?

No. Ham radio mobile equipment.

Oh, there's been a lot of CB gear yanked out here lately. I'll call the station and they'll send someone up to check

Whadda ya use it for? It's not CB?

Zounds! What a time and place to have to publicize amateur radio!

It is used in Civil Defense.

Oh, now I understand.

So, the police arrive. Another CB rig ripped off.
No, it is or was an amateur radio mobile installation.

Huh? We've had guys on the roof even watching for them. It only takes 11 seconds to enter and seize the property.O.K., let's see your license. Phone number? That's it for now. Just have your insurance company check with the station. The case is on the books. Gee, that's tough.
A very, very long ride home. No mobile rig.

A CB rig, you say?

At the Insu

A CB rig, you sayr

No. (Inwardly being disgusted at the seeming tack of uneducated public.) It was an amateur radio mobile rig, similar to, in a small way, to a CB rig. It was used in Civil Defense work.

Oh, I understand now. Well, let's see the locale of the action. A trip to the car by the appraiser with clip board,

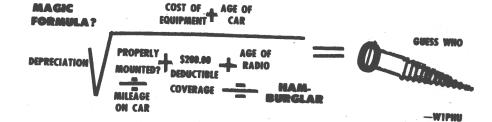
Yep, it was mounted properly. How many miles on the car? What make? Year? How old was the radio equipment. That does it for now. You'll be hearing from us.

We been getting a lot of these lately.

We been getting a lot of these lately.

A wait of a few weeks. Finally a check came, along with an explanation of how the figure was arrived at. Needless to say, the equipment did not hatch or increase in value. It was quite the other way around. In fact it was so much near zero that one is bound to have serious misgivings about the feasibility of mobile operation and the initial outlay of capital and the return on the supposedly many hours of enjoyment that a point seems to be reached as to what direction things should go. The car may not be so valuable as the rig. Or rigs should be so numerous and so very inexpensive that the profitability of "lifting" them would hardly be worth the bother. But the place of equipment is gone and the empty area under the dash gives mute testimony to the vagaries of the human race.

So back to the drawing board, so to speak, sadder but wiser, no cigarettes, light lunches, etc. and maybe, just maybe some fine day another rig will take the place of a lost companion.



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PROJECTION OF ANNUAL BUDGET

JULY 1976

Beginning Balance (1/1/76):

\$636.42

SOURCES OF FUNDS

C	n	11	D	r	C
-31	IJ	ш	n	u.	г.

AMOUNT

	104 0	2-10	2-4-0	har o	A
	1st Quarter	2nd Quarter		4th Quarter	Annual
	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	
	40.00				
Dues	63.50	18.25	216.00	108.00	405.75
QSL Sales	93.75	49.50	50.00	100.00	293.25
ARRL Membership	186.00		24,00	24.00	234.00
SEA Allotment	51.50	292.25	123.00	127.00	593.75
May Dinner Mtg		212.50			212.50
CU Dividends	4.22	5.40	4.80	4.80	19.22
License Classes	541.50			-	541.50
Raffles	89.50	21.00	60.00	60.00	230.50
Advertising Sale	es ——	6.00	12.00	12.00	30.00
Hamfeast					*
(November)				440.00	440.00
Swapmeet		78.26			78.26
Misc. Sales		30.00	-		30.00
•				-	
Total	1029.97	713.16	489.80	875.80	3108.73
;		, , , , , , ,		2,5,00	7.00.75

USES OF FUNDS

USE

AMOUNT

	lst Quarter	2nd Quarter	3rd Quarter	4th Quarte	er Annual
Postage	41.57	31.98	36.68	36.68	146.91
Magazines					
Subscription	33.50	6.00	9.00		48.50
Door Prizes	151.80	37.23	150.00	150.00	489.03
Mtg Expenses	40.79	55.67	36.00	36.00	168.46
ARRL Memberships	î 178 . 00	8.00	24.00	24.00	234.00
License Classes	369.84	100.00			469.84
QSL Orders*	63.75	30.75	33.00	66.00	193.50
Printing		94.24	126.00	126.00	346.24
Station					
Maintenance	225.68		30.00	-0-	255.68
Field Day		170.60			170.60
Hamfeast					1,0,00
(November)				510.00	510.00
Swapmeet	V	29.33		7.0100	29.33
May Dinner Mtg		232,20			232.20
Miscellaneous	6.00	2.25	5.00	5.00	18.25
		>	5.00	2.00	10.2)
Total	1110.93	798.25	449.68	953.68	3312.54

Projected Ending Balance (12/31/76):

^{\$432.61}

^{*}Does not include door prizes.

1975 INTERNATIONAL AMATEUR RADIO UNION SUMMARY OF ANNUAL REPORTS

	Korea	Kenya	Japan	Jamaica	Ivory Coast	Italy	Israel	ireland	India	Iceland	Hungary	Hong Kong	Honduras	Guatemala	Greece	Ghana	Germany (Fed. Rep.)	Germany (Dem. Rep.)	France	Finland	Farce Islands	El Salvador	Ecuador	Dominican Republic	Denmark	Czechoslovakia	Cyprus	Costa Rica	Colombia	Chile	Canada	Bulgaria	Brazil	Bolivia	Bermuda	Belgium	Barbados	Bahamas	Austria	Australia	Argentina	Angola	Algeria	Country	
	3.60	5.70	6.00	6.80	6.00	9.00	6.70	10.00	2.00	6.66	none	8.00	12.00	2.00	12.00	2.65	26.00	•	Д О	13.00	4.00	24.00	39.00	24.00	11.00	1.50	3.00	15.00	12.00	10.00	10.00	none	24.00	18.00	8.00	8.50	6.00	21.00	4.001	14.00	5.00	13.25	10.00	Dues (US\$)	
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	150	40	62,279	8	25	6,095	150	183	250	50	1,414	39	ហូ	112	200	13	19,415	1,567	4,924	2,542	60	110	652 .	94	3,216	2,191	52	212	550	1,340	3,757	4,900	10,630	887	66	890	40	22	1,353	3,420	1,400	275	50	Licensed Members	
	78	40	278,331	32	81	8,500	600	402	750	57	1,414	យ	150	167	200	23	23,287	1,567	8.600	2,542	80	198	652	1,200	4,560	3,052	52	450	3,200	2,300	14,474	650	10,000	887	68	1,400	68	84	1,804	6,841	17,500	275	50	Total Stations	
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2dc input, unless otherwise noted

4in addition to emergencies

3plate dissipation

Speak envelope power out it

Ivaries by province

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1975 INTERNATIONAL AMATEUR RADIO UNION SUMMARY OF ANNUAL REPORTS

																									-							_		•														
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2dc input, unless otherwise noted 3plate dissipation
4in addition to emergencies 5 peak envelope power output

EXECUTIVE COMMITTEE REPORT

By ED THORNLEY, WORXD

The TRW/ARC Executive Committee met on 14 July 1976 at 1900 PDT at the home of Veep Halligan. Prior to the meeting, Barbara Halligan served a Pizza Dinner complete with wine and all the trimmings. Nice way to start a meeting. Also, the assembled officers were able to cast envious eyes over the new low band gear recently installed at W6RLN.

Present at the meeting were: Halligan, Carson, Dews, Thornley and Clarke. Halligan presided in the absence of Pres Cartier.

<u>Business</u>

- 1. Dews requested that work phone numbers be added to the list of officers names in the Cross-Talk to aid those people seeking membership or other information.
- 2. Clarke reviewed the 1976 Field Operations. He reported that we had many new-comers participating even though advance publicity was not too heavy. Overall operations were quite good and the site was considered excellant by all. Approximate cost to the club was \$ 170, with more than adequate food than was really needed. Band activity dropped off late Sunday morning so the switch was pulled at 1115. In spite of the non-competitive theme this year, the raw total QSO count was quite high in excess of 2200.
- 3. The supply of QSL cards has dropped to zero. Much discussion was held regarding re-ordering the Pioneer card, or developing a new card design based on a more current TRW spacecraft. Thornley will investigate and report at the next meeting.
- 4. Carson presented a summary of the club's financial picture for the 1976 year. (If all goes well, see copy elsewhere in this issue) Considerable discussion regarding how to reduce costs, particularly printing of Cross-Talk and other items, which represent a major piece of our annual expenditures. Some consideration of raising membership dues was made. Dues have been at current level for umpteen years in spite of inflation everywhere else. This matter would have to be brought before the membership and voted upon, in accordance with the club constitution and by-laws.
- 5. TRW/ARC 2-meter repeater was discussed. Dews was designated by committee vote to chair a sub-committee of five club members as a minimum, to formulate a repeater plan for the club and to report the plan to the Executive Committee by 15 September 1976. Any member interested in participating in the activities are asked to contact Dews.
- 6. A motion was made by Dews, seconded by Halligan, that the club purchase necessary crystals to permit reverse split operation of the club IC-230. Approximate cost of \$ 30 for crystals is anticipated and conversion of rig to be made by one of our highly skilled members. The motion was carried.
- 7. November being just around the corner, Halligan suggested that we start planning our annual "Ham-Feast". A sharp chairman is needed for this event and a volunteer call to Cartier or Halligan will be cheerfully accepted:

EXECUTIVE COMMITTEE REPORT (cont)

8. Clarke and Thornley reported on the support provided by South-Bay area RACES members to the Redondo Beach Police Department on the Fourth of July at the King Harbor area. On very short notice, RACES members put together a five-station network located at key points in and around the harbor area, provided two channels of radio to back-up the RBPD, and maintained the net from 2 PM until well after 11 PM. No unusual events were reported in spite of the large crowds that gathered for the festivities and fireworks, but RACES was there to serve "just in case". TRW/ARC RACES mmembers on duty included Clarke, McKechnie, Linstruth and Thornley.

ANTENNA FARM FOR SALE

We have a report that a good deal is available to anyone who wishes to acquire a a set of antennae and related parphinellia. The deal includes a 40° Tri-ex tower, Ham-M rotor, Hornet 4-element tri-bander, a pair of 11-element 220MHz beams and a 5/8-wave two-meter vertical. Contact Ross Jester, 9944 Gaviota Avenue, Granada Hills, home phone 892-2257. We understand that \$ 140 takes the works.

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