

CROSSTALK IS PUBLISHED MONTHLY BY THE GLOUCESTER COUNTY AMATEUR RADIO CLUB.,

CROSSTALK STAFF

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NOTE \* NEW APPOINTMENTS

CLUB NETS

2 METER FM	78/18	SUNDAY	8:00 PM
6 METER AM	50.9	SUNDAY	8:30 PM
10 METER RAG CHEW SSB	28.8	FRIDAY	9:30 PM
15 METER SLOW CW NET	21.175	FRIDAY	7:30 PM

THE NEXT MEETING OF THE GLOUCESTER COUNTY AMATEUR RADIO CLUB WILL BE Feb. 1st, 1978.  
 AT THE NATIONAL PARK MUNICIPAL HALL. NATIONAL PARK, NEW JERSEY. 8:00 PM.  
 GUESTS ARE ALWAYS WELCOMED. WILL SEE YOU THERE. YE EDITOR WB2IAR....

S I X M E T E R R E P E A T E R

Well, are ya ready ????? Thanks to two relatively new members, information has been given to me that a six meter repeater will go into operation somewhere around the end of Feb., 78.... rptr freq. will be; 53.14 input. & 52.14 output. This is a joint project by WA2EVA (bob) & WA2ZND (emmett) The location of the repeater will be in Woodbury. Of course, if any of you know Bob's QTH I am sure you can also imagine the signal that is going to be coming from off the top of the hill. That is, if that is going to be the exact location. They don't know yet. Also another little goodie, in the future they will be erecting a 450 Mhz. Rptr. Freq., will be; 448.25 input & 443.25 output. I am also informed that after all is on and working properly the two machines will be able to operated full duplex.....

So, Lots of Luck Guys. and keep us informed.

10 WEEK NOVICE COURSE

There will be a new 10 week Novice course, class. To be given at Washington Twp. High School, Hurfville Crosskeys Road, in Turnersville. This will run through the Washington Twp. Adult School. We will start classes Monday Jan. 23 and run on Monday's thereafter from 7 to 9 PM., Interested persons should write to the Director Washington Twp., Adult School RD 3, Sewell, N.J. 08080 and request a brochure and application form. We will use tune in the world materials.

HERB LAPP N2GQ

By the time you read this, Christmas & New Years will be long gone. But I still would like to wish you a belated Merry Christmas and a very Happy and prosperous new year. I would also like to thank the membership for allowing me to take the presidency for the coming year. I will try to keep the club growing and most of all to keep the clubs attendance as it has in the past. I am proud to say that we have a very active and responsible membership, not many clubs can say that they have a club turn out like the one we have, and I would like to see it stay that way or even get better as the year goes on..

73's RAY, WB2BZY

Congratulations are also in order to the following members who have been elected to the various vacant posts. VICE PRES. STEVE ASAY, WA2AXJ..

3 YEAR DIRECTOR  
RAY MARTIN WB2LMR  
GARY HITCHNER WA2OMY

2 YEAR DIRECTOR  
BILL HELMETAG  
WA2VQG

CORRESPONDING SEC:  
ERNEST GIGLIORIANCO  
WA2TWC

CONGRATULATIONS TO, CORKEY THOMPSON WA2TSD WHO WAS ACCEPTED AS A NEW MEMBER.

EXCERPT'S FROM THE BOARD OF DIRECTOR'S MEETING. DEC. 14, 1977.

- \* Half of checking account monies has been deposited into Club savings account.
- \* Bill Bachman resigned as Membership Chairman,, and Training Chairman.
- \* Bill Helmetag was voted in by the Board to become the new training chairman.
- \* Membership Chairman is now an open post. Nominations will be taken from the floor at the next general membership meeting.
- \* Bill Helmetag has informed the Board, that the FCC will be here the first Thursday in Feb., to administer Amateur Examinations. As per normal, exams will be scrutinized by Joe Welch K3OT. (GUD LUK)
- \* FIELD DAY COMMITTEE- Let us start to prepare !!!!
- \* A Bulletin Board will be put up so anyone who wants to put information on it concerning Band Conditions, any interesting contacts made, DX, Contest Reports, or any personal touch which may be of interest to the Club.
- \* With more members in the group, the Board has decided to purchase a NEW 100 cup coffee pot. And for the Tea Drinkers we will use the old coffee pot for hot water. Jack Kessel has been asked to (suckered into) purchase the new coffee pot. Reason being, we just got him to purchase a double door cabinet to hold everything in. So its with great pleasure that we sucker him into something else. (.... ..)
- \* Programs for Club Meeting's should be the responsibility of all. If you have a program or know of one for a meeting please contact any of the Club Officers.
- \* DUES, if paid by April 1st will be \$ 7.50 After that date the price is \$ 9.00
- \* Attendance at the last Board of Director's Meeting were as follows: W2BZY, WA2AXJ, WA2VEE, WA2VQG, WB2LMR, & WA2OMY.

FOR SALE:

HEATH HW 101 TRANSCEIVER, IN MINT CONDITION. HP-23 POWER SUPPLY, CW FILTER, WITH A COMPLETE SET OF EXTRA TUBES INCLUDING FINALS \$ 290.00 W2YZ,

CONTEST CQ CALLER, REPEATER ID, OR AUTOMATIC CALLSIGN SENDER. YOU NAME IT. IT IS A SMALLER VERSION OF THE CQ CALLER SEEN ON FIELD DAY. INCLUDES SPARE MEMORY IC. CONTACT, KEN, N2CQ,

## CONTEST CORNER

Jan.	21-22	VHF Sweepstakes
Feb.	4-12	Novice Roundup (Techs too)
Feb.	4-5	ARRL DX Contest Phone
Feb.	18-19	ARRL DX Contest CW
Mar.	4-5	ARRL DX Contest Phone
Mar.	18-19	ARRL DX Contest CW

The VHF SS in January is another of the contests which has a club competition, and credit is given toward the Megapoint Contest Club. The usual winner in past years has been our new Pres., Ray, WB2BZY. Competition for the first operator to qualify for the Megapoint award is coming down to the wire, and someone may go over the top with the multiplier of 50 times your VHF SS score being credited toward the Megapoint. There should be some stiff competition for Ray this year.

Even if you cant give the "Big Guns" a serious run, get on and help the club score, and standing in the QST listings. Our best showing so far was last year, with a score of 17,733. Let's go for 25k in 78.

### November Sweepstakes Claimed Scores

		QSO	Mult.	SCORE	Time on	
*	W2KI	CW	793	71	112,606	24 (Best ever on CW for club)
	N2CQ	CW	750	72	108,000	21 (WTNY)
*	WB2OSQ	Ph	656	71	93,152	18 (Best ever club phone score)
	WA2OMY	Ph	661	70	92,540	19 (WTNY)
	WB2OSQ	CW	556	72	80,064	18 (Best ever CW/Ph combined)
	WB2BVV	CW	512	70	70,280	21
	WB2BVV	Ph	476	71	67,592	15
	K2HPV	CW	150	47	14,100	10 Low Power
	K2JF	CW	147	42	12,348	10 Low Power
	WB2FJE	Ph	100	26	5,200	2 Low Power
	K2HPV	Ph	57	31	3,534	4 Low Power
	WA2VKG	CW	56	23	2,576	6 Low Power
	Wa2FZB	CW	30	22	1,320	21 Low Power Multi-operator**
	N2CQ	Ph	25	13	650	1
	WB2GES	CW	21	13	546	4 Low power Novice

\*\*WA2FZB, WB2AOL, & WB2RRJ, Operators.

\*ARRL certificate winners for high club score were W2KI, CW, and WB2OSQ on phone. (WTNY)

Total Club score was 663,188. This is a club record, more than doubling the old record. Watch QST for a newcomer (GCARC) in the top 25 clubs nationally. Thanks to all who tried!

### CQ Worldwide DX Contest Claimed Scores

		QSO	Score	
W2SUA	(N2CQ op)	582	180,290	(14Mhz CW)
W2KI		321	52,527	(All Band Phone)
WA2VCZ		65	4,124	(All Band CW)

This is the first time we have tried the CQ contest, but I think those who got on, enjoyed it. Maybe more will be convinced next time.

WB2BVV 236 QSO 160 Meter Result  
50 Sections 23,750 total score. (Ant was a 4el. Quad.) 20 meter that is.

73, N2CQ

## JANUARY PROPAGATION FORECAST

1.8 - 2.0 MHz Static levels will be low during this month. DX good possibility. Look few hours AFTER sunset to just BEFORE sunrise. It is important to remember that the Sunrise is on the Eastern part of the path. This means 0000 - 0200 Eastern Time ( The Europeans are FIVE(5) hours ahead of us).

You will be able to do 2300 miles during darkness

Europe	2200 - 0230
So. America	2200 - 0130
Alaska, N. Pacific	0300 - 0500
So. West. U.S.A	0300 - 0500

3.5 - 4.0 MHz: Dx openings to many parts of the globe. The time for the good ones is around 2100 to 0600 Eastern Time. Remember here you have, like 160, the Eastern sunrise condition is very important. Again this month, you SSB boys, look around 3790 for DL8PC, F6ARC and DX control ON4UN.

For times see 160 meters .

7.0 - 7.35 MHz: Expect good operating conditions this month. Low noise levels and clear path operations to the F-layer. Europe will start in the late afternoon and get better as night progresses. The band will remain open until sunrise.

Europe	1700 - 0200
Central Amer. -So. Amer	2000 - 0200
Australasia	0200 - 0400
New Zealand	0400 - 0500

14.0 - 14.3 MHz: I reiterate from last month, FOLLOW THE SUN. It is a day-light band, it needs the Ultra-violet radiation. It will last until 2000 until the middle of the month and will start stretching to 2100, as the days begin to get longer. If you haven't thrown it away look at December's forecast it is a duplicate set of conditions.

21.0 - 21.45 MHz: Great DX conditions this month, BUT, it will start around 0930 peak from 1200 - 1400, and drop fast after 1600.

Europe	1000 - 1500
Africa-Middle East	1100 - 1500
So. & West Africa	1200 - 1400
So. America-Ocenaia	1300 - 1600
Australia, New Zealand	

28.0 - 29.5 MHz: Trying hard to work West Coast from my converted CB/10 mobil set. Maybe over the New Year.

Look SOUTH, my boys, look South. The tropics are going to come in during the daylight hours. Europe early in the morning that is 0800 - 1100 South Pacific and some of those Mid-Russians. Tnx Ken for your Log. It is most helpful. It sure has come in handy working out the whole year forecast.

Couple of BAD DAYS- Might as well go to work.

Jan 4, 7, 14, 22, 29. Jan. 8 depends on what side of the solar equator the spots appear, North- a kind of lousey condition; South, anything could happen. If any of you fellows do anything special in the way of DX on this band on the 8th, I would appreciate the input.

See 15 meters for time openings except New Zealand will close-off about 1500.

50-54 MHz: Don't sweat the antenna Tony. You "a in;t" gon-ah get any dx on this band unless you aim at the QUADRANTIDES meteor shower January 2 through 4th, peak January 3rd, about 50 meteors an hour. I don't even see an ionospheric storm for you and Ray--Maybe the 8th will develop something for you.

Keep up the good work on Sunday nights at 2030 on 50.9 MHz.

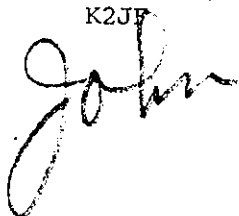
144 - 148 MHz: All you guys on 18/78 don't expect any DX. It just don't happen this month. If you want some, go down to the Carribean and South Pacific now. Just plain ole line of sight stuff this month.

Hope you all have a prosperous, healthy and good operating 1978.

As the winter comes in, in all of its WET glory, why the low bands are the winners. Of course 20 will still be the best OVERALL DX band; but, don't snub 40; it is going to be a winner.

Cycle 21 is moving up and we got a smoothed 35 for December and it did itself up good. It looks like a 40 ( I may a little high) for February if so, Go, go go. January will be found around the middle of 36-38.

As January moves on and the days start getting longer 15 and 10 will improve a little. We will have a good month. See you at the meeting

K2JF  


Scuttlebut: December, 1977

Well, I hope you all got what you wanted for Christmas (new 820 or a new 90' self-support tower with a wide spaced beam on top).

Seems a certain ham (OMY) tried almost everything to beat (OLS) in a handheld dual on the repeater, simplex and all other ways. Finally got down to trying to weight the units without the Batteries. O'well back to the Cushman, Gary!

There is quite a big race for the Million Point Honor. Good luck boys!

My congradulations to the new Members of the Board. We will all be watching and waiting for the mistakes, Hi!

One of the first things that the New Board did, was buy a new 100 Cup Coffee Pot. Good idea gang!

Seems (LNR) and (ZND) claim to have shot the same deer. Some story; coming out of the cabin and seeing it. Both firing together and bagging it. Where was it really found, Ray, on the back road already dead?

How come we hear (CQ) working contests at (SUA) location? I hope that the pay was good enough and the 807's were plentiful!

Seems (ZND) rates second to his mother's dog. Ask Emmett about that!

By the way, who is building the New Memory Keyer for (SUA), seems to be a lot of figuring over the air.

Auto-Patch is back on the air again. Read up on procedures and its use for Priority and Emergency use. If in doubt ask for a monitor station.

The 22-82 repeater is now up and working at its new Camden location (12/16). Hope it will stay on the air now. First time it was on sometimes and not at other times.

Glad to hear John (GKH) on 2 meters FM finally. Hope you have as much fun as the rest of us, John!

Now we can all hear Jack (MEM) better since he got a new rig, congradulations, Jack!

Now all we have to do is get Bob (MMA) with a good rig and forget about saying 73rds to you, Hi! I told you that I listen a lot!

By the way, Doug when are you getting back on 20 meters, I have a big surprise for you, you will be able to hear me without a preamp. Hope to hear you soon Doug (NPD) from WB2FJF.



Happy Holidays, gang, we will be listening and waiting!

THE A R R L STOLEN EQUIPMENT REGISTRY

To introduce you to the ARRL's STOLEN EQUIPMENT REGISTRY, we are enclosing a copy of the stolen equipment registration card. If you wish to report stolen equipment for listing in the ARRL Registry, you will want to use this card. Please list only one item per card.

A monthly updated list of all stolen equipment will be tabulated. This listing of stolen equipment is available upon request from ARRL with a self addressed stamped envelope. This service is on a one year trial basis.

Also please note, that if your equipment is recovered, please drop a note to the Registry at ARRL and tell us to discontinue the listing. You may do this by indicating the item number and the issue (month) it is listed in the Registry.

1. MANUFACTURER	2. MODEL	3. SERIAL #	4. DATE STOLEN Day / Month / Year
 <b>STOLEN EQUIPMENT REGISTRY</b> 			
5. ITEM (Check) <input type="checkbox"/> TRANSCEIVER <input type="checkbox"/> XMTR <input type="checkbox"/> RCVR <input type="checkbox"/> OTHER.....			
6. ANY IDENTIFYING MARKS			
7. YOUR NAME (Last, First, M.I.)		8. YOUR CALL	
9. ADDRESS		10. STATE/PROV.	ZIP
11. TELEPHONE (incl. Area Code)		12. IF LOCATED, CONTACT <input type="checkbox"/> OWNER LISTED ABOVE OR	
..... ADR .....		TEL ..... (INCLUDE AREA)	

Return to: ARRL Stolen Equipment Registry, 225 Main St., Newington, CT 06111  
Form SER 1077

ATTENTION: ADDRESS CHANGE FOR K2MLS (DICK) A. F. PEACOCK  
CLAYTON, N.J. 08312

WELL THAT'S ABOUT IT FOR THIS MONTH GANG. NEXT MONTH LOOK FOR PART 4 OF K2JF's RADIO WAVE PROPAGATION "ART OR SCIENCE" (IONOSPHERIC WAVES, SECTION 1) ALSO IF I CAN CRAM IT IN SECTION 2 WILL ALSO BE THERE.

*73's Ray*