

CROSSTALK
PUBLISHED BY AND FOR THE
GLOUCESTER COUNTY AMATEUR RADIO CLUB
(W2MMD)

*

G.C.A.R.C. OFFICERS

| | |
|----------------------|---------------------------|
| PRESIDENT | RAY MARTIN - WB2LNR |
| VICE PRESIDENT | JOHN BOKOLES - W2KI |
| TREASURE | ROSE ELLEN BILLS - N2RE |
| RECORDING SECT. | MARY JOE DARAKLIS - N2AJG |
| CORRESPONDENCE SECT. | ROSLYN MARDER - N2AKL |

DIRECTORS

| | |
|---------------|--------|
| JOSH BREHM | AE2L |
| DAVID BACON | WB2ONW |
| SONNY GUTIN | WB2DXB |
| BILL HELMETAG | WA2VQG |
| GARY HITCHNER | WA2OMY |
| JACK KESSEL | AB2W |

TRUSTEES

| | |
|----------------|--------|
| FRED COWGILL | WB2GEK |
| BARRY CAMPBELL | W2YZ |
| BILL FRAMBES | WB2FJE |
| JACK WHITE | WA2MEM |

- COMMITTEES -

Program: John Bokoles - W2KI
Awards: Bill Bachman - WA2VEE
Training: Chick Naylor - WA2USI
Membership: Bill Helmetag - WA2VQG
Contest: Ken Newman - N2CQ
V.H.F. Tony Starr - WA2FZB

A.R.E.S.: Harry McGormick - WA2SEA
Technical: Bill Frambes - WB2FJE
DX: Wayne Wood - W2SUA
Publicity: Sonny Gutin - WB2DXB
House: Bob Ruple - WA2MMA
Historian: Della Parker - W2AFZ

Club call Trustee (W2MMD) Rose Ellen Bills - N2RE

HAM-FEST CHAIRMAN ----- JOHN THILL - WA2OOX

J*****

CLUB NETS

| | | | |
|---------------------|----------------|--------------------|----------------|
| 2 Meter FM 78/18 | Sunday 8:00 PM | 6 Meter AM 50.9 | Sunday 9:00 PM |
| 10 Meter SSB 21.175 | Friday 9:30 PM | 15 Meter CW 21.175 | Friday 7:30 PM |
| 80 Meter CW 3.680 | Call anytime. | 80 Meter CW 3.705 | Call anytime. |

The regular meeting of the G.C.A.R.C., is the first wednesday of each month at the National Park Municipal Hall, National Park, N.J. Meeting time 8:00 PM.
Send all articles to be printed in Crosstalk to Jack Kessel/AB2W,

PRESIDENTS CORNER

Well first off, I hope everyone had a safe Feb. It was really a bad month. I found out by the statistics, that the last winter we had snowfall like this was back in 1958.

At the last Board of Directors meeting a few topics arose but one of them was in regards to the I.A.R.U. transmitter fund which is really getting off the ground. I don't know if anyone has looked into the program, but, I called the A.R.R.L. and they informed me that as of the middle of Feb. the program has sent out between 650 to 700 receivers all over the world. That is a lot of money.

They also informed me that within the next few months they will start to send out the transmitters to the same individuals who are still actively interested in the program. So at the next general membership meeting I will ask for a show of hands to see if we are going to send a donation to this worthy cause. By-the-way, A.R.R.L. informs me that money for this program is coming in left and right.

As far as not having a meeting last month due to the inclement weather; well what can I say. I did everything that a person could do before I cancelled it. A call was placed to the U.S.N. Weather station in Norfolk Virginia, and one to the Communications Station at the Philadelphia Navy Yard and after everything was gathered I really couldn't see bringing out the members on such an evening. Here's hoping that we don't have to cancel again.

That's about it, the rest will be brought out at the next meeting. See you there.

(Ray/WB2LNR)

DIRECTORS MEETING

The Feb. meeting came to order at 8:37 PM. at the home of Jack/AB2W. in attendance was; Ray/WB2LNR, Mary Jo/N2AJG, Roslyn/N2AKL, Sonny/WB2DXB, Dave/KB2GJ, Bill/WA2VQG.

It was discussed if the club should have a club banquet or not this year.. there will be a vote on the floor of the next club meeting to see how many would like to have one. N2RE reported that 70 members have paid up on their dues. AB2W said the last club meeting should not have been canceled, because he felt the snow was not that bad and the roads were plowed. A vote will be also taken on the floor on this matter. We also need a replacement on the board of Directors to fill the spot of Gary/WA2OMY. This will also be done at the March meeting. We wish to thank Gary for his efforts in the past for serving the club. Due to work, Gary can no longer make the meetings. It was reported that Bill-WA2VEE now has the club callbooks.

The program for the march meeting will be on the Navassa Is. DXpedition. Sy Adler/K2KA will be the speaker. Sy was on the 1974 and the recent DXpedition to the Is. It should be very interesting.

The Salem County Amateur Radio Club, will hold their annual banquet at the Centerton Golf Club at 6:00PM on April 22, 1979. If you are interested in attending send your check in the amount of \$12.00 payable to Salem Radio Club, to Rose Ellen/N2RE.

Program for the evening includes Joe Eelch/K3CT of the FCC showing a few new slides from the commission; Della Parker/W2AFZ telling a few of her experiences relating radio and Rose Ellen/N2RE saying a few words relating to YLs.

KEN'S CONTEST CORNER N2CQ

WE KNEW THAT BILL CONWELL, K2PO, had done something really special in the November Phone Sweepstakes while operating low power at W2KI. We didn't know how special until the high claimed scores were recently published. Bill's 151,950 points, was the best on the east coast and SEVENTH NATIONALLY, in the low power class phone.... Congratulations! to Bill for a really super effort.

Congratulations also to Mark/AA2Z, who was the top scorer in the Southern New Jersey section in the IARU Radiosport contest, the results of which were just published. W2KI, was a close second.

Do you like competition? Tennis, golf, racing, chess or the like? If so, you will probably enjoy radio contesting as well and it will help make you a more efficient operator in emergencies. GOVE it a try.

CQ WORLDWIDE CW CONTEST RESULTS

| | | |
|-------|-----------|---------------------------------------|
| W2YC | 276,850 | (Single operator all bands) |
| AA2Z | 9,765 | " " " " |
| K2HPV | 7,450 | " " " " |
| W2SUA | 235,752 | (single operator 20-meters) |
| N2CQ | operator. | |
| W2KI | 671,658 | (Multi-operator--W2KI, WA2OOG, K2R) |

VHF SWEEPSTAKES RESULTS

| CALL | QSO's | SECTIONS | SCORE | |
|-------------|-------|----------|--------|--------------------------------|
| AA2Z | 300 | 15 | 15,000 | (New club record) |
| WA2OMY | 273 | 14 | 13,056 | |
| AE2V | 265 | 3 | 6,890 | (AE2V, WA2FZB, WB2VOH) |
| AI2B | 154 | 12 | 6,776 | |
| WA2PFC | 215 | 3 | 5,590 | March 10-11 Virginia QSO party |
| N2CQ | 153 | 7 | 5,202 | March 10-11 Commonwealth CW |
| WA2OOX | 200 | 3 | 5,200 | March 17-18 ARRL DX Comp. CW |
| WA2MMA | 94 | 8 | 3,384 | March 24-25 CQ-WW-WPX, SSB |
| KN2QWO | 112 | 3 | 2,912 | April 7-8 Open CD Party CW |
| K2NH | 102 | 3 | 2,652 | |
| WB2AOL | 76 | 3 | 1,976 | |
| WB2JMK | 58 | 3 | 1,508 | |
| WB2VFX | 61 | 2 | 1,464 | |
| KA2CWY | 41 | 3 | 1,066 | |
| CLUB TOTAL: | | | 72,676 | (new club record) |

Congratulations to all who helped establish another new club record score!! The 14 logs received was down from 20 last year but, there were several fine scores which brought the average score up to 5190 from 2860 last year. Special congratulations to Mark and Gary, AA2Z and WA2OMY who both smashed the old record.

ARRL DX CONTEST You still have the CW weekend to go on March 17-18. Remember the club DX trophy will be awarded to the club member with the highest phone or CW score, so you still have a chance. The team of AB2W, AB2E, K2HPV and N2CQ have been challenged by the AA2Z, W2KI team. There should be some other teams out there somewhere. How about yours????? Join in on the FUN!!!!

MEET YOUR CLUB OFFICERS

RAY MARTIN/WB2LNR

CLUB PRESIDENT 1979

Ray has been Amateur Radio for the past 16 years. First licensed in 1963 as a novice. Ray has continued to up-grade to the class of Advanced Class. Ray enjoys Rag Chewing, VHF and HF contesting. His main interest is in the promotion of CW. Ray is always willing to make a sked with anyone to work some CW on the bands. He first got interested in Ham Radio from listening to his Grandfathers, Philco Radio, on 40 and 80 meters. You can find Ray on just about any band, 80, 40, 20, 15, 10, 6, and 2 meters. If you hook up with him, he will be on one of the many rigs that he has.

Swan Sygnet 300B Transceiver, SB-200 Linear Amplifier, Clegg FM-DX, Drake TR-6, Allied AX-190, receiver, 440 Transceiver - cooks ADT mobil phone. To add to the list Ray is getting a ASR-28 and a Hal ST-6 demodulator. That sounds like a vry nice RTTY setup.

Ray is a life member of the ARRL and also is active in 78-18 Barnsboro, 66-06 Radnor, 265-865 Pine Hill. Ray also enjoys Hunting, Gun collecting and Scuba Diving.

When not on the radio, he puts some time in at Bell Telephone, in the Operations Dept. in Voorhees, NJ.

Rays YL is Virginia (Ginny) and they are expecting there first harmonic in April. Ginny is also studying for her Ham License. Ginny did a very good job for the club last on the fund riseing comm. We all hope the best for the new family.

(WB2DX8)

[illegible]

Well it looks like RTTY is really getting a shot in the arm from our club members. Every time I turn around I hear that someone else is getting a set of green keys. I think that we will have a very good net for Teletype when every one is set up. I know myself AB2W) K2ZA, WB2FJE, WB2OCR are all on now and it looks like WA2IBZ, WB2LNR and A AI2B will be on in the coming weeks. For the new commers there is a book from 73 magazine, called the RTTY handbook that you may like to have, and it will answer some of the things you would like to know about RTTY. Then there is the RTTY JOURNAL, This is very nice to get every month. It is on RTTY only and tells you what DX is on what contests and anything else that has to do with RTTY.

RTTY JOURNAL, PO Box 97, Cardiff by the Sea, CA. 92007. So I hope to print all of you real soon. Good luck.

(Jack/AB2W)

DAYS GONE BY

In 1960 the club held a Hamfest at Molia Farms. Receipts from the hamfest was \$87. this was 5th Oct. And the club paid molia Farms \$75 for the use of the grounds. It dont look like to much was made at this one. Hl. The club also held a swap shop. Some of the old members. Al Peacock, Ralph Rails. Hal Kutty, Abe Winters, Paul Scarpa, Jim Peck, / Woody FrantyHue Simpson and Frank Ritter. The old timers in the club should remember some of the hams above. The club also spent \$16.40 for paint for the ham shack.

(AB2W)

LOCAL - DX - CW- SSB -FAX - RTTY - SSTV -RAG CHEWING - ATV -FM - CD - OSCAR-QRP

Amateur Radio being a hobby of many hobbies in itself, I should have no trouble getting reports on what is happening on the different modes. If your on a net or just operate by yourself, how about sending me a note every month to have printed in Crosstalk. I think it would be nice to hear what others are doing on the bands and it might get someone interested in what you are doing, and try it themselves.

SSTV: Dave/KB2GJ, reports a lot of activity on the bands. Some of the places Dave has worked the past few weeks have been; Tex; Colo; Va; LA; Calif; NJ; and even a QRP station in Tex; sending Pixs with his CB/IO set. Hows that! Some of Daves DX has been with South Africa, New Zealand and Puerto Rica.

FAX: The regular Wednesday night Fax net that meets on 50.55, at 9:00 PM. has not had as many check-ins lately. Some of the ones checking in are AI2B, WB2THE, WA2GFK, WA3DZT and WA3KFT. I hear that the pix on this net can be real spicy at times.?? Word has it that Bob/WA2MMA has a lot Fax machines for sale.

RTTY: This past Week Jack/AB2W has worked, SM6, DM2, I6, VE7, KL7, ZLI, UK3, all on the Ten meter band. There is also all the State side action anyone can handel.

SSB-DX: Shorty/W2SUA, reports that 20 meters has been jumping. a lot of DX on all the time. Look around after midnight sometimes for the rair ones like VR3AR, VRIAW and the new call for Tuvalu-T2T,. If you think the DX is hard to find, Then take a look here, Shorty just picked up 2 more countries to bring his DXCC upto(309) !!!

CW: John/W2KI has picked up two real good ones in the past weeks. One goode on on 20 was 6ol and the other on 10 was VR0. Franz Josef Land/UKIPAA is showing up on 20 at 14.030, at 06000 or 09000 UTC.

OTHER HAPPENINGS: WA2VOY, is building a new linear amplifier and a new ST-6 to replace his ST-5. AI2Bis wateing for the inter-face to go with his new RY setup and W2KI now has his new ALPHA 76-A in the shack and working well. JOHN, can you realy put a brick on your key????

REMEMBER WHEN you were kids, and it seemed there was always one or two bullies around.? Well! it seems there are two of them in the club. As it is, I am not known as a big contest man, and I don't think that K2HPV is either. Now N2CQ, that is another story. I guess I shot my big mouth off in last months Crosstalk when I said(we) would take on all commers in the DX Test. It looks like we have our hands full guys. These two bullies AA2Z (i forget the rest of his call) and W2KI said they want to take up the challenge. Well I want you two to know, that we have NO intention of backing down and the handicap system will be in effect..... That is part of the rules you know.

CALL BOOKS Bill/WA2VEE Has a change to get call books for the at a good price. The U.S. Book is only 12.00 and the DX book for \$11.50. He also can get RG-213U at .23¢ a foot for 200 feet or more per person. See bill at the next meeting with some green stamps if you would like any of the above.

MEMBERSHIP BY CLASS

Extra - 26 Advance - 37 General - 42 Technician - 38 Novice - 3 Right nice.

(page by AB2W)

I would like to take this time to say thank you to
BILL MOLLENHAUER - N2FZ, who is responsible for
 all the fine art work we have for Crosstalk every
 month. In an oversight I forgot to give Bill credit
 due, on the front cover when printed. Thanks Bill.



St. Patrick's Day

PROPAGATION FORECAST MARCH

K2JF

1979

K2JF

Well if you people thought February was a good DX month, well, you ain't seen nuttin yet. March is going to be one of those months whered W2SUA and you other DX hounds should get those hard to get places. Both areas of the world, the North and South hemispheres are going through equal conditions due to the spring equinox. As we are going in spring the other boys are going into autumn; so conditions are similar. This gives the maximum exchange of signal conditions and with this high solar activity of cycle 21 the F-2 DX conditions on all bands will be excellent. 6 meters should be the best since 1958. The boys with the 6 meter beams should CONSISTENTLY work the caribbean, and during the period of noon to around 1600 local time, Europe should be available. I see about five or six days where 6 meters is going to be great operations. So you luckys guys who do not have to worry about TVI and have some good beams let us hear from you about your DX on SIX. Bob, Denny, don't put 160 to sleep yet. There is a rather peculiar F11/2 layer being developed during this month and April. This Will produce some excellent DX on 160. Get up some morning early and instead of getting on the raster net go on 160. Just before sunrise, and if you get home early enough just at and shortly after sunset good DX.

The rest of the bands are going to be terrific. It is a toss-up this month for the best daytime DX band. 20-15 and 10 all are going to be hot. I guess if you are looking for the best overall DX band it will be 20 since it will last well into the night. During the night it will look like this: from sunset to 2000, 20 and 40; 2000 to midnite, 40; from 00:00 to 06:00, 80 and 40 with some 160 coming in during the late hours and early morning. Worldwide operating conditions on all bands will be great this month. This sun spot cycle has now exceeded all sun spot ~~cycles~~ for its period. This one will exceed all others since records have been taken since 1750. I am revising my peak time. I have been saying August 1980. Yes Sonny (don't X-ray Bananas) there is a reason. May I start reminding you UHF buffs. Look at channels 2, 7 and 13. If they are open in the evening, some sporadic E propagation is starting, if you are home during the day, check Channel 2.

- ALL TIMES PITMAN TIME -

| | | | | | | |
|------------|----------------|-----------|-----------|-----------|--------------------|-------------------------|
| <u>160</u> | Europe | 1900-2000 | 0000-0600 | <u>20</u> | Europe | 0800-1500 |
| | South Pacific | 0500-0700 | | | Middle East | 1330-0100 |
| | Australasia | 0500-0630 | | | Africa | 1430-0200 |
| | Carib-So.Amer. | 2200-0330 | | | Far East | 0700-0900 |
| <u>80</u> | Europe | 1900-0300 | | | So. Pac; New Zeal. | 2100-0100 0700-0830 |
| | So. Africa | 2000-0100 | | | Australia | 0800-1130 2300-0000 |
| | So. Pacific | 0130-0500 | | | So. America | 1700-0200 |
| | Carib.-S.Amer. | 2030-0530 | | | Antarctica | 2030-0030 |
| <u>40</u> | Europe | 1830-0400 | Peak 0100 | <u>15</u> | Europe-USSR | 0800-1500 |
| | Middle East | 2030-0000 | | | Africa | 0930-1830 1300-1600 |
| | S.Pac; N.Zeal | 0230-0430 | | | Far East | 1630-1930 |
| | Australasia | 0400-0630 | | | S. Pac; New Zeal. | 1530-2030 |
| | Carib. S.Amer. | 1330-0630 | | | Caribbean | 0700-2000 |
| | Antarctica | 0100-0300 | | | So. America | 1430-2130 |
| | | | | | Antarctica | 1800-2100 try long path |
| | | | | <u>10</u> | Europe | 0930-1200 |
| | | | | | Africa | 0930-1600 peak 1300 |
| | | | | | S.Pac; N.Zeal. | 1600-1830 |
| | | | | | Australia | 1630-1830 |
| | | | | | Carib. S.Amer. | 0800-1800 |

VHF good days; 1-2, 20 and 25-28

UHF " " 1-2, 5*, 14*, 25 and 27.

* Possible sporadic E and T.E. days, UHF is primarily F-2, 2 meters on the 5th and 14th.

GOOD LUCK - JOHN

N2RE

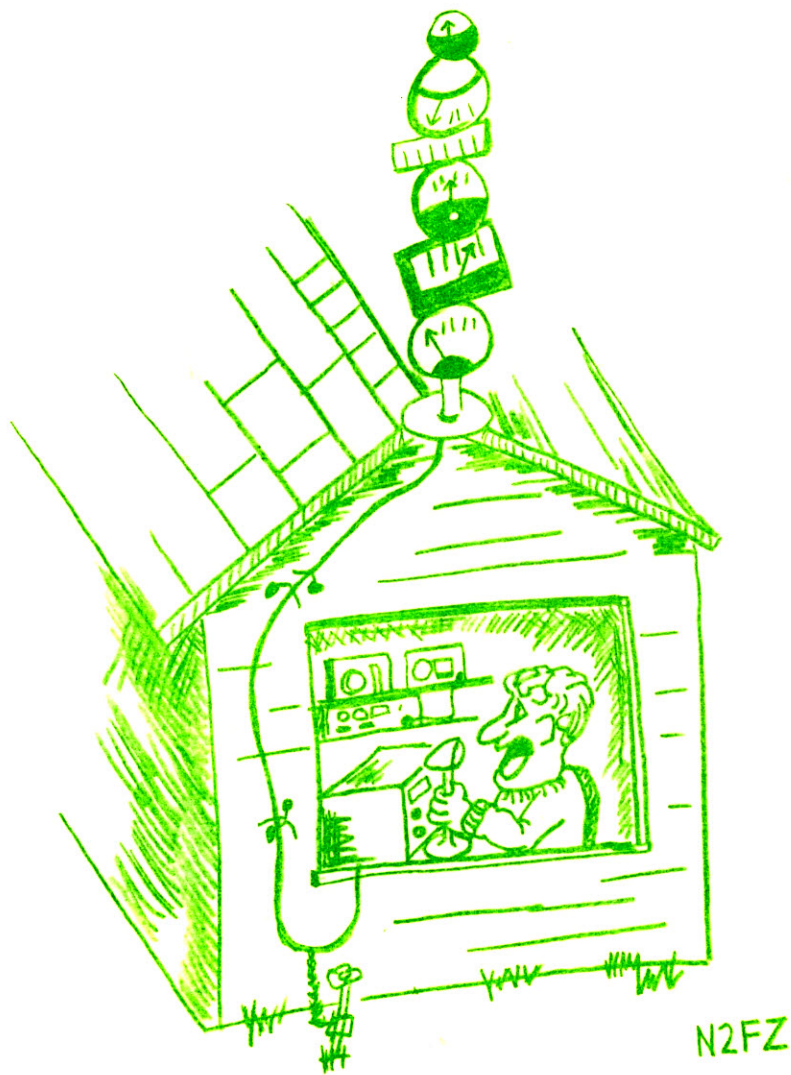
17 Craig Place
Pennsville, N.J

08070

678-7849

DUES "

Gese Ellen
N2RE



N2FZ

I have a new 6 meter antenna here.