

Crosstalk is published monthly by the
GLOUCESTER COUNTY AMATEUR RADIO CLUB

THE CROSSTALK STAFF

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	Milt Goldman, K3WIL
	John Kull, WB2GKH
	Jim Buzby, WB2GJH

CLUB NETS

2 M FM	78-18---Sunday, 8:00 PM Local Time
6 M AM	50.9----Sunday, 8:30 PM Local Time
10 M RAG CHEW	28.8----Friday, 9:30 PM Local Time

FEBRUARY MEETING: WEDNESDAY FEBRUARY 2ND, BEGINNING AT 8 PM. PROGRAM:
SEE PAGE 1.

**DEADLINE FOR SUBMISSIONS FOR THE MARCH ISSUE IS SUNDAY, FEBRUARY 13,
1977. PLEASE MAIL ANY CONTRIBUTIONS TO: RAY MARTIN, WB2LNR,

You will be happy to learn that things are moving along at a pretty good clip with Club business, in spite of the bad weather.

We had a discussion at the January Club meeting about the new propagation charts being published in QST (January issue pages 74 & 75). Since then I have spent more than my usual time on-the-air specifically to determine whether the charts are providing us with usable information. I have found that the predicted band conditions are quite accurate. Particularly on the 15 meter band, I have been able to hear actual band openings and closings very close to the chart times. On most West Coast QSOs the band closed up practically on the minute! I feel this new chart service is going to be very helpful. I am sure ARRL would appreciate your comments on this; why not write to them with your good or bad comments.

Elsewhere in this issue you will find an up-to-date list of the 1977 Committees. I am glad to report that a number of our members have personally volunteered their services to work on these Committees, and if the enthusiasm shown me by these members is any measure, we should have an interesting year.

There is only one Committee, and a very important one, that has not been staffed as of this writing... and that is the BANQUET COMMITTEE. The Board of Directors, at its meeting on January 19, voted unanimously for a Club Banquet this year (hopefully in May) and we need only one or two members to volunteer their services. The job involves finding a place to hold the banquet, negotiating the menu and costs, providing and distributing tickets so members can register for the banquet, and obtaining a reasonable number of door prizes.

As you know, Harry McCormick, WA2SEA, had to resign the post of County Emergency Coordinator because of his work schedule. The Section Emergency Coordinator is looking for someone to fill this position. This is another important ARRL field appointment that ought not to be left vacant. Out of the 85 GCARC members there certainly must be one who is qualified and would like to give time to this job. We NEED an EC and if you are interested will you please contact me?

Once again, your ideas about any phase of the Club's operation are important to me and most welcome. Feel free to call me anytime

Herb Schuler - K2HPV

1977 COMMITTEES:

- PROGRAM: Bob Meis, K2JRU
- AWARDS: Della Parker, W2AFZ
- PUBLICITY: Steve Asay, WA2AXJ
- TRAINING: Bill Bachman, WA2VEE
- MEMBERSHIP: Bill Bachman, WA2VEE
- CONTESTS: Ken Newman, W2FBF
- VHF: Ray Metzger, WB2BZY
- AREC: Wayne Welsh, WB2DBS
- DX: Wayne Wood, W2SUA
- TECH. ADVISORY: Bill Frambes, WB2FJE
- HOUSE: (Includes finding a new meeting site & Coffee Jack Kessel, WA2VCZ
- Milt Goldman, K3WIL
- Steve Asay, WA2AXJ
- John Fisher, W2QZF

COMMITTEES (Cont'd.)

"CROSSTALK" EDITOR: Ray Martin, WB2LNR
FIELD DAY: Steve Asay, WA2AXJ, Rich Netherby, WB2OCR
Gary Hitchner, WA2OMY, Dennis Sandole, WB2GES
Tony Starr, WA2FZB, Jim McDonald, WB2AOL
HISTORIAN: Della Parker, W2AFZ
BANQUET: ? ? ? ?

CALLBOOKS:

The 1977 U.S.A. and FOREIGN Callbooks have been received by the club. The Board of Directors voted to have these books held by the Officers and Directors on a rotational basis and any Club member wishing information from the Callbooks need only telephone the person who, according to the list below, has the books at the time:

<u>FROM</u>	<u>TO</u>	
Jan 20	Feb 16	Steve Asay
Feb 17	Mar 23	Rose Ellen Bills
Mar 24	Apr 20	Jack Kessel
Apr 21	May 18	Steve Blasko
May 19	Jun 22	Herb Schuler
Jun 23	Jul 20	Bob Meis
Jul 21	Aug 24	Jack White
Aug 25	Sep 21	Bill Bachman
Sep 22	Oct 19	Mark Wilson
Oct 20	Nov 16	Rich Netherby
Nov 17	Dec 14	Bob Meis

At the February meeting coming up the 1976 USA Callbook that belongs to the Club will be the prize of a 50¢ drawing. Don't miss the meeting or you will miss the chance to own this year-old Callbook cheap!

de K2HPV

CONTEST CORNER:

VHF SWEEPSTAKES: Don't forget to turn your logs in at the meeting if you entered. All logs however small will help the club standing. If you don't make the meeting, mail directly to ARRL before Feb. 9, and let me know your score. (848-8416). Last year's winner was listed as AA2VOY in the last Crosstalk. WB2FJE should also have been listed as the single operator winner as AA2VOY was a multi operator setup. Bill had 1820 pts.

NOVICE ROUNDUP: This activity, scheduled to run from Feb. 5 through 15, should be fun for Novices and non-novices alike. Log forms will be available at the meeting. A good chance to get your feet wet in contest operating. WN2OSQ had the highest score on record in 1974, with 25,200. Mark had 385 contacts in 63 sections.

DX CONTEST: Again your score will help the club standing. Phone dates are Feb 5/6 and March 5/6. CW on Feb. 19/20 and March 19/20.

CONTEST (Cont'd.)

W2SUA Cup goes to the high scorer on a single mode, and will be on display at the meeting. Logs will be available.

73 W2FBF

CONGRADULATIONS TO NEW MEMBERS:

Bob Anstatt, WB2CPL -- Full
Novice

Franklinville, N.J. 08722

William Farr, WB2BVW -- Full
General

Williamstown, N.J. 08094

Allan Gartner, -- Associate

Woodbury, N.J. 08096

Tom Owen -- Associate

Clarksboro, N.J. 08020

Steven Platt - Associate

Clarksboro, N.J. 08020

Bruce Schiller, WA2ZST -- Full
Novice

Pitman, N.J. 08071

NOVICES:

Novice license turnaround time can be sharply reduced says "HR Report" by printing "Amateur Radio Novice Application" in large letters on the envelope used to apply for a novice exam, then returning the complete exam to Box 1120 in the envelope it came in marked "Completed Amateur Radio Novice Exam Enclosed."

SAFETY:

("HR REPORT"): RF in solid state machine controls can cause serious accidents. WAØWPG says his wife's new singer sewing machine started up by itself when he fired up a two meter transmitter strip in the next room.

DXCC:

("HR REPORT"): DXCC rule 9 change is now official. DXCC holders will soon be able to add countries worked from any location within a country's

DXCC (Cont'd.)

contiguous borders to their DXCC countries lists. ARRL is still discussing when and how applications for the update will be accepted.

WRITERS WANTED:

Writers are needed to contribute articles to the newsletter. Articles can be on any subject related to Ham Radio. Articles should be typewritten and sent to WB2LNR. If there are any questions, please ask!

LINEAR AMPS ILLEGAL?

(HR REPORT): The FCC is considering banning linear amplifiers for all services including Amateur Radio. FCC Chief engineer Ray Spence said the continued circumvention of the FCC's ban on "CB" linears by half a dozen manufacturers is forcing the commission to take a much stronger stance which could result in an across-the-board prohibition on amplifiers for everyone.

A proposal is presently being drafted, and he expects it to go to the commissioners for consideration in the next few weeks. Several alternatives to be considered include putting all Amateur Radio equipment of commercial manufacture under the equipment approval program that presently applies to gear used by other services. Another approach would be to forbid the sale of an amplifier to anyone not holding a license that authorizes his use of that amplifier, and make the dealer liable for any sales made in violation of that prohibition. Amateur radio equipment performance specs may be receiving attention soon. One portion of the FCC's bandwidth docket (20777) did propose limits on spurious and harmonic outputs of amateur gear. Spence expects FCC action soon.

PLANE CRASH:

(HR REPORT): Amateur repeaters could provide life saving support to the FAA's emergency locator transmitter program under a plan being discussed in Indianapolis. Etl's are activated by crash shock, then transmit a distinctive signal on the 121.5 Mhz aircraft distress frequency ... local FAA officials met with K9DUR and area Civil Air Patrol representatives last week to discuss the feasibility of adding ELT receivers to amateur repeaters. By tying them into the repeater so that reception or an ELT signal would keep up the repeater and alert listeners that a plane was down and FAA and CAP should be notified. Such a system could be a life-saver as many parts of the US are remote enough from active airways and FAA facilities that an ELT signal there would likely go unheard indefinitely. Interfacing an ELT receiver to almost any repeater should present little problem, and it has been suggested that CAP might be able to provide the receivers and the interface.

W A R C 1979:

An important action fb FCC in connection with US preparations for WARC '79 has resulted in the release of a 140-page proposed table of allocations. ARRL will supply an abstract of the portion relating to the Amateur Radio Service to anyone sending a s.a.s.e. with 24 cents US

WARC (Cont'd.)

postage to ARRL, 225 Main St., Newington, Conn. 06111. The abstract will suggest the method to comment on the notice.

CLASSIFIED:

Have any gear to swap or sell? Send information, as you want it to appear, to me. Your Editor - WB2LNR.

FOR SALE: Kenwood TS-520, \$535; Drake TR4 & PS, \$100; HT-37, \$300; & HT-41 Linear; Cleff Thor Six & AC & DC PS, \$150.

WANTED: Communication receiver or ham band transceiver. Must be in good operating condition. Contact Ken Newman, W2FBB

FOR SALE: SB101 Updated to SB102 & PS & Speaker, TR-44 Rotor and Mark 3 Hygain Tribander. Call Ron Blakeslee

WANTED: AC Power Supply for TR4. For Sale DC PS for TR4 & NC-300

FOR SALE: 8-Element 2 meter beam. Call WA2USI

WANTED: Drake T4XB exciter. Call Tom Finnerty K2MEV

NEW RADIO TELESCOPE having a 300-Ghz bandwidth is nearly ready near the Amherst campus of the University of Mass. The surface accuracy of the 45-foot diameter dish is one tenth of a millimeter, the pointing accuracy is less than 2 arc-seconds, and its 115 Ghz resolution is 40 arc-seconds. This would be equivalent to standing in Boston and being able to see a man with outstretched arms standing on top of the Empire State Building!

LF BAND ENTHUSIASTS can join the "Long Wave Club" and receive its monthly bulletin Lowdown, covering happenings at frequency from 540 khz down. Send 12 legal-size SASEs to H. John Clements, 9010 Tobias #258, Panorama City, California 91402.

HOBBY ELECTRONICS FAIR is planned for may 18-22 in Phila. Amateur radio is included with other electronics hobbies in the planned exhibits, workshops and clinics. Write Industrial and Scientific Conference Management, 222 West Adams, Chicago, Ill. 60606 for details.

PORTABLE AND MOBILE Amateur Radio operators have not needed to identify their stations as such since last November 26. However, it is necessary to have a permanent mailing address where the FCC can reach you. If you are contest-oriented, you'll probably have to sign portable or mobile anyway, to meet contest rules.

"RADIO - HAM OR CB - THEY'RE NOT THE SAME THING" is a new booklet published to help straighten out the all-too-common confusion of the communications media. Copies are available from the ARRL for any Amateur working with newspaper, radio or TV people. Write to ARRL, Newington, Conn. 06111.

THE ABOVE 5 ARTICLES WERE TAKEN FROM THE NEW (HAM RADIO HORIZONS) magazine.

LES BELLES:

For anyone who has not already heard -- I have been appointed Assistant Director to Connie Mac, so with two in our club we should be able to keep you well informed with all the latest from the League. I will also be able to keep YLRL informed of the same at the time.

With February being heart month, I hope everyone has had a checkup within the recent year and if not, now is the time.

Now for the cook, here's something to try:

WATERGATE SALAD

1 box pistachio instant pudding
1 medium can crushed pineapple (juice and all)

Stir this all in together and add
1 large container of Cool Whip
1/2 Cup miniature marshmallows

Should add zest to any meal. I tried this recently when I had a few guests for dinner and it went over very well.

73's

Rose Ellen Bills, WA2FGS

EDITOR'S NOTES:

First off, I would like to thank Mark Wilson, WB2OSQ for getting out last month's issue of Crosstalk, as Mark's duties as Editor had ended in December, and I was in the hospital. We all thank you for your efforts as past Editor, Mark, and hope you go on to bigger and better things.

As your new editor I want you to know that I will do my very best to keep Crosstalk as informative as possible.

Ray Martin, WB2LNR