

President's Message, de KE2M
May 1, 1981

The May General Club Meeting will be held on the 6th, at the American Legion Hall in Franklinville, with the usual 8:00 start.

Dave continues to provide excellent programs for us. For the May meeting we will have Mr. Harry Sparks from the South Jersey Gas Company. His talk will be highlighted by a discussion on "Home Energy Savings." Tentatively, our June program will feature GCARC's past Field Day efforts, also titled "How I Met Mr. Murphy."

Please note: 1981 Club dues are now overdue. To continue to receive CROSSTALK, vote in club matters, or participate in Field Day 1981, please get your \$9.00 to John, KB2GL.

Picnic: Tentative date for the club picnic is July 18th. Last year was a big success, just ask someone who attended. Our chairperson again this year will be Bill, WA2VEE.

Field Day: Plans are nearly complete for the Club's premiere operating event. The Field Day site will again be Gloucester County College's "Driving Range."

Constitution: The first reading of the proposed revision to the constitution will precede the program; copies will be available. The proposed revision will be put to a vote after a second reading during the June General Meeting.

Hamfest: Plans are well under way for the big event in August. The volunteer list will again be available during the meeting. Those who are unable to make the meeting can contact Harry, WB2GSF, directly.

The May Board of Directors Meeting will be held on the 20th at the home of John, KB2GL,
See you after Dayton.

73

Tom KE2M

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WB2GEK

The loss of Fred to the silent key fraternity came as no surprise to his many friends who were aware of his illness. Nevertheless, the relief that his long suffering has ended does not diminish the fact that GCARC has truly lost a first-class ham and A-1 gentleman. Fred, for many years, was very active in the club having served as a member of the Board of Directors, Treasurer, and in a variety of other positions. His trademark was reliability and dedication. If Fred said he would do something, it would be done -- and correctly. And not without an interjection of the brand of dry wit and humor that could only be labeled a WB2GEK trademark. Fred simply was a "good guy"; pleasant, generous beyond all measure, and would do anything to help anyone -- especially a fellow ham. There is little doubt that GCARC will remember Fred for many, many years and that his mark was firmly stamped upon many of us. Our sincere sympathies are extended to his widow and family.

K2HPV on Mend

Following successful heart by-pass surgery, Herb is now home (by the time this hits the mails) and convalescing nicely. Naturally, everyone is relieved to hear this good news. We will forego the DX contest wrap-up until you are well Herb, and, don't worry, there is always next year for Dayton. Everyone wishes you a speedy recovery.

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N2RE Guest Speaker

Rose Ellen, N2RE, has been invited to be the guest speaker at the May 15th meeting of Shore Points ARC. It is the SPARC YL night and they wanted a prominent YL to be their speaker (which they got). Congratulations to Rose Ellen.

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May 8th FCC Exams

It is learned that these will be given at Ridley Township HS at 9:00 A.M. -- closer than going all the way to Oxford Valley. Incidentally, the new address for the FCC is:

FCC
Room 404
2300 East Lincoln Highway
Langhorn, Pa. 19647 (215) 752-1324.

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Dayton Bound

By the time you peruse this blurb, a respectable contingent of GCARC hams will be recuperating from the rigors of the Dayton Hamfest (such as: K2JF, KE2M, WA2TML, WA2LET, W2SUA, WA2NPD, WB2OCR, AA2Z, and -- who did we miss??).

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AT&T Gets Portable Phone Red-Light

After 12 years of procrastination, the FCC gave the go-ahead for revolutionary (except to hams) mobile phone service. Barring legal challenges, AT&T will apply within the year to provide the new "cellular" radio communications service in several major metropolitan areas. Cellular technology provides expanded and near interference-free mobile phone service by dividing a city into tiny districts or "cells", each served by its own transmitter. Computers switch a caller from one frequency to another as the caller moves from cell to cell. Hence, the same frequency can be used simultaneously by many callers as long as they're in separate cells. Looks like "Dick Tracy" has finally come alive!

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Mt. Beacon Hamfest

Saturday, July 25th, Arlington Sr. High School,
Poughkeepsie/Lagrange, Dutchess County, N.Y., Flea Market, prizes, etc.
Talk in: 14637/97 and 14652 simplex; \$2.00; kids free!

Legislative Information

by

K2JF

An amateur station power limit of 2000 watts PEP input to the final amplifier when using SSB (A3) is proposed in the "Plain language" rules (AR Rule 31 - present rule 97.67). Also proposed plain language rule 97.310 provides that FCC would measure power output with a radio frequency power meter in your antenna transmission line and multiply that measurement by 1.25 to determine the peak envelope power (PEP) input (1600 watts output).

As a flag is to a flagpole, so an antenna is to a tower. An Essex county New Jersey amateur has won a court battle over his antenna and tower in which one of the points in the judge's favorable ruling was the flag comparison. The case was a 65 foot tower with an antenna on top. One of the rulings the judge made was that the antenna is to a tower as a flag is to a flagpole, i.e., not in any sense a structural part. "A flag can be replaced without affecting the flag pole and the antenna can be changed without affecting the tower structure." This declared in Superior Court of New Jersey.

(Tnx Worldradio)

TVI: You think you have troubles! Guglielmo Marconi needed police protection from people who threatened to kill him because they thought his radio waves were harmful. The frightened people complained that the radio signals were passing through their bodies and making it impossible for them to sleep. A wealthy woman charged that the waves made her feet itch. A German man publicly made plans to go to England and shoot Marconi, but he was turned away by British authorities.

(Tnx Marconi Archives)

Copies of Assembly Bill No. 441 will be available at the club meeting with a letter to your Assemblyman for a "FOR" vote. This bill allows amateurs to have radios in their cars that will be capable of tuning in the Police or Fire frequencies.

Study of future of Low Power TV: The FCC's recent action allowing low power TV stations in various localities has created a tremendous amount of interest. Because of the intense interest, the Commission has issued interim guidelines for use by its staff in granting applications. (Maybe we won't have Channel 2 in our area.)

"IMPORTANT" Recommended Changes to the Constitution of the Gloucester County Amateur Radio Club, Inc. will have its FIRST reading at the Club meeting. Copies of the present constitution and copies of the recommended changes will be available. Here is your chance to make a change. Speak now or forever hold your peace.

Ask your State Representative (Florida) for a copy of the Federal Register /Vol. 45, No. 246/Friday, December 19, 1980/ Proposed Rules. (This is the so called "Plain Language revision").

Due to the cut-back in funds, all FCC Public-Participation Workshops have been canceled. BUT WE (the GCARC Hamfest) will have a representative from the Philadelphia FCC to conduct FCC exams at our Hamfest - Technician to Advanced (Who do we know? Ed.)

The ARRL will raise their dues to \$25.00 a year effective July 1, 1981. New 610 Forms for Renewal of your Amateur licenses are now available from the Club's sex-a-tary. Ask Roz for them.

Don't forget to get your copy of HR 2203 The Dannemeyer Bill for volunteer assistance to FCC by Amateurs. A SASE to WA6TEY will get you a copy of HR2203.

Docket 78--369 An "Option Paper" is to be released during the first quarter detailing a "statistical summary of comments" on the Extent of Radio Frequency Interference to electronic equipment and the need for government rules to lessen such RFI.

Spread Spectrum has been OK'ed for experimental use on some of the amateurs bands. AMRAD has been given temporary authorization on March 6, by the FCC. Frequencies that may be used are: For "Frequency Hopping", 3.675-3.775; 7.050-7.150; 14.1-14.2; 28.1-29.3 all in MHz; "Direct Sequence" 420-431, 438-442. Bandwidths will vary from 16 KHz to 1.0 MHz. Service Frequencies "Where pretest CW or SSB will be 3.725, 7100, 14.150 + 10 KHz. I am a member of AMRAD.

The British are now "officially" allowed to work the 27 MHz CB band; however, the 930 MHz band is being considered for final CB by the House of Commons.

PR 79-110 900 MHz Personal Radio Service due out for discussion by the FCC April 1981.

As of the end of November 1980 there were 382,006 Amateur operators:

Novice	Technician	General	Advance	Extra	Total
72,093	70,161	124,364	88,933	26,455	382,006

K2AHL, Don, says many amateurs have contributed to assist him with his appeal of Judge Kentz's ruling. "All contributions will be returned around April 1, 1981 if I cannot launch an appeal by then." K2AHL's address is: 94 Henshaw Ave., Springfield, NJ 07081. The WJRA, Don's Club, has pointed out that: "Apathy will not win this case. We must all do our part if our operating privileges are to be protected. This is not an antenna case involving building codes, zoning ordinances, etc., but a case which bears on our basic operating privilege." They also urged, as I do, that amateurs write your senators and representatives demanding RFI legislation. How much have you given? Have you written?

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4-SALE

Drake TR-330 with all xtals for local repeaters. 10 watt Heath amp mobil 5/8 wave mag mount. Touch Tone pad. Total package: \$125.00. Call KD2T,

6 Meter-20 Meter mini quad by Mini Products with 30 foot tower. \$135.00. KD2T,

BEAMS!! Hy Gain 203 BA, 20M; Hy Gain 153 TA, 15M. Both in good condition, price reasonable; call N2BAP,

Heath Station: SB-401 and SB-301, both in mint condition; all filters, SB-630 station monitor, clock, phone patch, SWR bridge, speaker, electronic keyer, key, mike. Package for \$350.00. Call AD3V,

Swan 1200W Amp. 80-10M \$200.00; SB-101 Transceiver, 80-10M \$225.00
Contact Rick, KA3BSM

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DA'S & DIT'S

WB2GSF, our Hamfest Chairman, is looking for all the help he can get for the upcoming event. Hope you will volunteer. Your help is really needed no matter how small the participation.

Short of water! Contact AI2B -- he has fifty-one (51) one-gallon jugs stowed away.

WA2VQG -- Hope the CAB Special Antenna is working, and that you are getting the desired results.

Is it true that when tenpins are freshly painted, they are difficult to knock over? Ask WA2IBZ.

I call them the Four Horsemen of the Club: W2GSN, KB2GL, KB2GI, and N2AJN. Whenever events or occasions arise, they're on the ball.

The eighteen Club members, who participated in the Glassboro Caper in March, should be commended for their instantaneous response to the emergency.

Note to all "Beer Hounds" -- on the next "go-round", K3WIL prefers a cold cola. (He never could hold his lick-er, Ed.).

WA2TRS is very adept at roller skating. Too bad they don't have a rink at the Mall for his "off" moments.

The minutes of the April Club Meeting were transmitted by RTTY from WA2IBZ (of course with the aid of N2AKL) to KE2M. Pretty sharp - eh what?

WA2DYO - Keep away from those "one arm bandits". Save some of the Gelt for Mr. Miller.

During our next meeting, K2JF is going to explain the meaning of "Quick Apple Footstep". Sounds interesting!

WB2DXB - He says "Come over and see me at the "Button Factory" and you can boogie.

WB2ONS- How is fishing this year? Thought you might be too busy at the Blackjack table to follow this pursuit.

WA2PFC - Hope by this time that you have your four element beam. If not, can anyone help this gentleman?

KN2QWO - Good luck in Wyoming. We'll miss you.

WB2GEK - Silent Key - March '81.

The Eavesdropper

DXCC LIST

The following is a list of GCARC members and their present DXCC standings.

The next list will be printed in the December CROSSTALK.

<u>CALL</u>	<u>Handle</u>	<u>Verified</u>	<u>Worked</u>
W2SUA	Shorty	326	328
N2SS	Tony	324	324
WA2VEE	Bill	275	283
N2ATD	Bud	262	281
N2CQ	Ken	220	221
AA2Z	Mark	207	226
WA2NPD	Doug	196	246
K2JF	John	196	231
AB2W	Jack	185	188
KE2M	Tom	140	173

There are other members who are DXCC participants, but have not passed on their totals. Why not join us...give me a call.

de
W2SUA

DX Items of Interest (Tnx to KE2M)

Benin. Karl, K4YT, operating from TYAll was active daily on 40 and 80 meter SSB. Karl is to leave Benin for Germany today. GHIS, ON5NT, will operate TYAll on CW from 18 April through 2 May.

Central African Republic. TL8RC is reportedly active on 40 meter SSB and CW around 0100Z.

South Shetland Islands. HF0POL is the call of a Polish base on King George Island in the South Shetland Island group. Bogdan favors 20 and 40 meter CW around the lower band edge.

Space Shuttle. There is a special Johnson Space Center Commemorative QSL card for those who worked W5RRR during the space shuttle event this past week. QSL via the Callbook address.

Solomon Islands. Ron, ZLLAMO, is due to begin operating from the Solomon Islands on 19 April for a two week period. The call sign to be used is not known at this time.

Iran. EP2KG and EP2MK were heard on 10 meter SSB last week giving out P.O. Box numbers in Tehran as their QSL routes. Watch 28530 KHz for these calls.

Lesotho. 7P8AC is newly active and has been reported testing some new equipment and antennas on 10 meter sideband.

North/South conditions on 160 meters have been superb with the following stations reported regularly, LU9EIE, J4LDZ, PY1ZAE and LU8DQ.

Kuwait. 9K2AH has been reported on 10 and 15 meter CW around 1200 to 1500Z. QSL JA8BW.

is going to Albania and says the chances for

is expected any day now signing TU4BA. QSL W2TK.

Saint Martin, F30A/PS is being operated by F30A and FC9VN, concentrating on CW, 80 to 11 meters.

Kingman/Palmyra. The group has apparently been told not to land at Palmyra and go straight to Kingman Reef for a landing at 1600Z Thursday 16 April. Keep an ear open for much KH5K activity.

ARRL BULLETINS OF NOTE

The FCC'S Field Operations Bureau reported March 5 that it has fined Donald L. Rhoads, of San Francisco, \$750 for "deliberately interfering with the operation of an amateur radio two-meter repeater station located on nearby Grizzly Peak." The Commission charged that "Rhoads, whose station was unlicensed, falsely identified it by using a call sign belonging to a licensed amateur radio operator, transmitted obscene, indecent, and profane language, as well as music and party records, which jammed the repeater and prevented its use by authorized amateur radio operators."

(Ed. Note: Great! Now how about KB6TG, W6RTN, et al.??)

The FCC March 4 released an "order" dismissing a petition from Robert W. Stankus, of Easton, Conn., which had asked that the Commission prohibit amplitude modulation for voice communications in the amateur radio service.

The United States and the Gambia, Prefix C5, have agreed to permit the exchange of third party messages, but not phone patches, by their amateurs effective April 15, 1981. The messages must be of a technical or personal nature not important enough to justify transmission by the public telecommunications network. An exception permits the handling of messages related to the safety of life or property when an emergency has disrupted the public system. Please add the Gambia to the list of third party traffic agreements appearing on page 92 of April 1981 QST.

Senator Barry Goldwater, K7UGA, has introduced a bill, S 929, which would amend the communications act with respect to amateur radio and matters affecting private land mobile and fixed stations. The bill was co-sponsored by Senators Packwood and Cannon, Chairman and Ranking Minority Member respectively of the Commerce Committee and by Communications Subcommittee members Schmidt, Pressler, Stevens, Hollings and Inouye. The amateur portions of the bill were suggested by ARRL. Similarly, we understand that the other items in the bill in general reflect the desires of land mobile and fixed station users in the private sector. Additional information will be available from ARRL HQ. A self-addressed envelope would be appreciated.

River Vale, New Jersey, amateurs will celebrate the town's 75th anniversary from April 20 through June 20. A special commemorative QSL will be available for contacts during this period. On June 20, three stations will be active, operating 15 KHz up from the edge of each sub band. QSL to N2BUO.