

CROSSTALK

PUBLISHED BY AND FOR THE

GLOUCESTER COUNTY AMATEUR RADIO CLUB, INC.
(W2MMD)

1980 OFFICERS

PRESIDENT
VICE PRESIDENT
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CORRESPONDING SECRETARY

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CHUCK COLABRESE - WA2TML
FRED COWGILL - WB2GEK
ROSLYN MARDER - N2AKL
STEVE SOSSON - WBIAOF

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JOSH BREHM - AE2L
DAVE BACON - KD2T
SONNY GUTIN - WB2DXB
TOM WIDENER - KE2M
JOHN FISHER - K2JF
BOB GRIMMER - KN2GWO

TRUSTEES

RAY MARTIN - WB2LNR
CHICK NAYLOR - WA2USI
BILL FRAMBES - WB2FJE
BARRY CAMPBELL - W2YZ

COMMITTEE CHAIRMEN

Program:	Chuck Colabrese/WA2TML	A.R.E.S.	Harry McCormick/WA2SEA
Awards:	Herb Schuler/K2HPV	Technical:	Bill Frambes/WB2FJE
Training:	Chick Naylor/WA2USI	D.X.	Wayne Wood/W2SUA
Membership:	John Fisher/K2JF	Publicity:	Sonny Gutin/WB2DXB
Contest:	Ken Newman/N2CQ	House:	Jim Bray/N2AKI
Hamfest:	Bob Grimmer/KN2GWO	Historian:	Della Parker/W2AFZ
Field Day:	Doug Gehring/WA2NPD/ Mark Wilson/AA2Z	Banquet:	Steve Sosson/WBIAOF
		Picnic:	Bill Bachman/WA2VEE

CLUB NETS

2 Meter FM Sunday 8:00 PM - 147.78/18
6 Meter AM Sunday 9:00 PM - 50.9
80 Meter CW Any-Time 3.680

2 Meter RTTY Thurs. 8:00PM - 147.54
10 Meter SSB Any-Time 28.930

The regular meeting of G.C.A.R.C. is held the first Wednesday of each month at 8:00 PM. Due to losing our regular meeting hall, please call any of the Directors for information on attending our meetings.

Please send any contributions for Crosstalk, two weeks in advance to printing to;
Jack Kessel/AB2W,

PRESIDENT'S MESSAGE

Our next meeting will be held Wednesday, December 3, 1980 at 8:00 P.M. - American Legion Hall, Franklinville. The Hall will allow the use of a coffee pot if one is desired.

As usual, our December meeting will be the annual election of 1981 officers. Everyone should come out and give the new officers a vote of confidence and moral support. The slate as presented is as follows:

President - Tom Widener - AE2M *Ward Bacon*
Vice President - ~~Bill Frambes~~ - WB2FJE
Recording Secretary - Roz Marder - N2AKL
Corresponding Secretary - Pete Bent - KA2DOW
Treasurer - ~~Milt Goldman~~ - K3WIT
Treasurer - John Sotoki - KB2GL
Directors: Russ Glands - N2ASV *3,4 W4210*
Harry Smith Norm Harbison - K2NH *Howard K*
Howard Hunter Trustee - Phil Bakanowski - WB2ONS *master*

Nominations will still be permitted from the floor at the December meeting.

As we draw to the end of our 21st year I wish to thank each of the officers and committee chairmen who worked so willingly with me during the term. My congratulations to the incoming officers ---- I know you have big plans, and I shall be eager to take part in any way I can --- if only to lend moral support. A special thanks to all those who gave the use of their homes to hold meetings during the year.

As you know, we have one piece of unfinished 1980 business. We have a plaque to present to Connie Mac. He has been invited to our January meeting for this presentation. It would be great to have a real big turn out for this occasion as Connie has been very helpful to all of us over the years during his term as Director of the Atlantic Division.

For those interested in a place to celebrate New Year's Eve: The American Legion Hall extends an invitation to their New Year's Eve Party - 10:00 P.M. Til 2:00 AM. bar, hot buffet, noise makers, music. Donation is \$15.00

Thanks to our editor, Jack Kessel - AB2W, we are fortunate to have our monthly edition of Crosstalk. He can always use help if anyone has some time.

Again, thanks for a good year and don't forget me --- I am down in Pennsville,
-- "COME DOWN AND SEE ME SOMETIME "

CONTEST CORNER

As promised, here's the up-to-date list of each participants' MEGAPOINT AWARD point account. This list includes everything through the 1979 - 1980 contest season which ended in May 1980:

<u>CALL</u>	<u>POINTS</u>	<u>NO. OF CONTESTS</u>	<u>AWARD NUMBER</u>	<u>CALL</u>	<u>POINTS</u>	<u>NO. OF CONTESTS</u>
AA2Z	15,552,820	21	1	WB2LNR	333,000	1
N2CQ	9,575,324	19	2	WB2FJE	295,544	4
W2KI	7,763,174	14	3	WA2VEE	268,500	2
W2YC	6,520,730	10	7	KD2T	261,859	2
W2SUA	6,408,351	8	8	WA2FZB	239,950	5
AB2E	5,259,604	9	4	WB2OON	207,336	1
WA2OMY	2,393,703	6	6	KB2GI	196,500	1
K2PO	1,721,575	3	5	K2NH	153,500	2
K2JF	1,320,806	13	12	WA2LET	146,118	1
AI2O	1,220,322	3	10	W2GSN	143,000	1
K2HPV	1,193,423	18	11	WA2NPD	135,700	1
AB2W	1,076,816	7	9	KE2M	132,123	2
WA2PFC	1,028,565	7	13	N2SI	115,692	1
N2SS	839,019	2		WA2VKG	114,636	4
AE2V	726,398	6		WA2ZMS	113,100	1
AI2B	677,100	3		WB2GES	111,704	2
WA2OOX	658,615	5		WB2VOH	98,800	1
WA2MMA	641,718	3		WB2WJZ	91,000	1
N2ATD	633,946	2		WB2DXB	76,700	1
WB2VFP	577,656	1		WB2JMK	75,400	1
KN2QWO	538,381	5		WB2VFX	73,200	1
WB2VFK	500,616	1		KB2GW	53,300	1
WA2OOS	471,024	2		WB2OCR	48,000	1
WB2AOL	431,792	4		WA2SEA	40,300	1
N2BCF	423,740	3		N2BAP	25,088	1

Last month we gave you a calendar representing a typical "contest season." Due to a transposition in the original copy, it was reproduced incorrectly. Here, then, is the correct calendar:

<u>CONTEST</u>	<u>MONTH</u>	<u>AWARD MULTIPLIER</u>
CQ Worldwide DX Phone	Late October	x2
ARRL Sweepstakes CW	Early November	x5
ARRL Sweepstakes Phone	Mid November	x5
CQ Worldwide DX CW	Late November	x2
ARRL VHF Sweepstakes	Mid January	x50
Two Land QSO Party	Mid February	x3
ARRL International DX Phone	Early March	x3
ARRL International DX CW	Mid March	x3
CQ Worldwide WPX Phone	Late March	x1
CQ Worldwide WPX CW	Late May	x1

The figures following the months are the multiplication factors used to compute your MEGAPOINT points. For example, if your official score in the ARRL Sweepstakes CW Contest is 100,000, we multiply the 100,000 by the factor of '5' and your MEGAPOINT account is credited with 500,000 points. See how easy it is?

CONTEST CORNER (continued)

Incidentally, if you are at all apprehensive about trying a contest, why don't you call and visit a club member while he or she is participating in one and see how it goes? Anyone is welcome to call me and make arrangements for a visit during any contest. And, I'm sure many of the other testers listed on the first page would extend you the same courtesy if you would just ask. Furthermore, anyone visiting my station for a look-see at contesting will be more than welcome to try it out while he or she is there. Of course, I must admit, I don't very often participate in PHONE contests, but I'll give it a try anytime you want the exposure. By visiting someone else's station you will be able to observe many of the subtleties associated with the contesting activity which will go a long way toward making it more fun for you, once you practice a little and learn the techniques. In all fairness, I must point out one thing: **CONTESTING IS CONTAGIOUS!!!** I enjoy the competition against myself. By that I mean that during each contest I try to better my scores from the same contest from a year ago. And, that is usually done by increasing the "number of contacts per hour" factor. Which, of course, implies building up your speed in handling contacts.

You'll notice from the 'calendar' there are no MEGAPOINT contests during December. In January you can get in on the favorite for some people around these parts: the ARRL VHF Sweepstakes. Then, in February we have the Two Land QSO Party. This contest is sponsored by the SOUTH JERSEY CONTEST COALITION. Many of the members of the COALITION are also members or past-members of GCARC. This one is a real fun contest. The reason I like this contest so much is because the whole world wants to work ME..... and YOU!!! Their objective is to contact as many second call area stations as possible. This means for once you and I are the rare station everyone else wants to work us. This is a good contest to get your feet wet on. You'll be working your own pile-ups if you want to.

We will have the ARRL VHF Sweepstakes logs for you at the January meeting and the Two Land QSO Party logs at the February meeting.

Go ahead!! Dig in and have fun.

Good contesting,

HERB - K2HPV

FOR SALE

HyGain 18AVT 5-band trap vertical. In use at this station and in good shape. Recent SWR curves available to show its broadness in tuning. \$55.00 Herb - K2HPV

PROPAGATION FORECAST FOR DECEMBER L1980

The month of November was a real bang-up month for all bands. Our second hump on Cycle 21 is here and we may as well enjoy the hump while it lasts. It will last thru December, then the gradual decline of cycle 21. As you may have heard on 78/18 Six meters was jumping-Ray (WB2LNR) finally got Wyo. and all he needs is his confirmation WAS 6 Meters. Congrats Ray. You who are interested in 160,80, and 40 this is the dark month for max DX on those bands. 40 in the 0645 to 0700 slot is doing pretty well. 75 phone around 2230 to 0200 also. Josh expect a recurrence of the coronal hole around the first week of Dec.

OK HERE GOES ALL TIMES PITMAN TIME.

160

Europe	2300 - 0100
So. Pac.	0400 - 0700
Carib	2100 - 0300

80

Europe	2000 - -200
Mediterranean, Middle East	2200 - 0000
So. Pac. New Zeal.	0300 - 0700
Caribbean So. Amer.	2100 - 0400

40

Europe	1800 - 0200
Med. Middle East	2200 - 0030
So. Pac. New Zeal.	0300 - 0730
Carib. So Amer.	1900 - 0500

20

Europe	Anytime
Med. Middle East	1500 - 0000
Africa	1500 - 0400
Asia	0700 - 0900
Far East	0700 - 0900
So. Pac.	2100 - 0800
Australasia	0000 - 1000
Carib. So. Amer.	Anytime
Antarctica	2200 - 0300

15

Europe	0700 - 1530
Med. Middle East	0700 - 1530
Africa	0700 - 2200
Asia	1900 - 2100
Far East	1730 - 2000
So Pac. New Zeal.	1700 - 2100
Australasia	1700 - 2200
Carib So. Amer.	0700 - 2300

10

Europe	0700 - 1400
Med. Middle East	0800 - 1400
Africa	0700 - 1700
Far East	1800 - 2000
So Pac. New Zeal.	1400 - 2000
Australasia	1700 - 1900
Carib So. Amer.	0800 - 1900

6 F-2

Europe 0930 - 1300

Africa 1000 - 1200

Caribbean So. Amer 0900 - 1100

Keep sharp ear open for some very fine sporadic-E as well as F-2. Also keeping looking North 290° for KH land and possible JA.

Good Days Hf 3-4, 10, 14*, 20*-21*, 25-26*, 30-31

Good VHF days 1, 7-8, 20, 24-26

The 220- 225 Amateur Band is now being kicked around. ARRL is aware, but we must USE this band or it will be taken away from us. Remeber the 11 meter band.

The "Friendly Candy Company" is becoming more aware of "licensing improprieties" and will be looking into the type of courses being given for licenses of General and above. Watch for a change in the licence exams.

Bill HR-7747 now in committee needs to be carefully looked at. It has some claussss in it that may jepordize Amateur Radio. Ask Florio to get you a copy and then write to him your feelings. Also drop cpy to Barry Goldwater K7UGA.

RM-3788 the use of Digital Techniques on all amateur gands above 50 MHz is now active. For you fellows who want to try SSM, here is your chance.

Rules and Regualtions Part 76 Cable Television Service Paragraph 76.605, sub paragraph 4 reads: " The visual signal level, across a terminating impedance which correctly matches the internal impedance of the cable system as viewed from the subscriber terminal, shall be not less than the following appropriate value.

Internal Impedance
75 ohms, 300 ohms

Visual signal level.

1 millivolt 75 ohm

2 millivolt 300 ohms.

The visual signal level on each channel shall not vary more than 12 DB within any 24 hour perio."

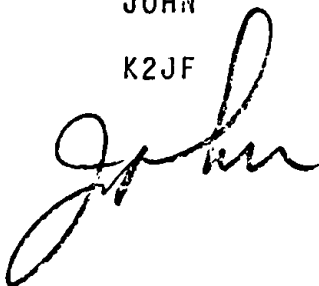
The above is for you fellows swho are having some TVI problems with your Cable company. An instrument is available via the Club's technical committee to check you video signal levels. With that sort of signal strength into you TV set, TVI should not be a problem.

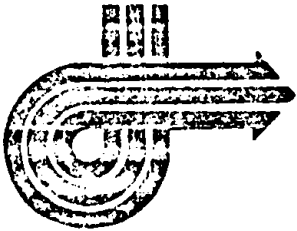
That's it for now. I hope you all had a good Sweep Stake contest and CQWW contest. Make a lot of points for the club.

May you all have a joyous season and to all a Merry Christmas.

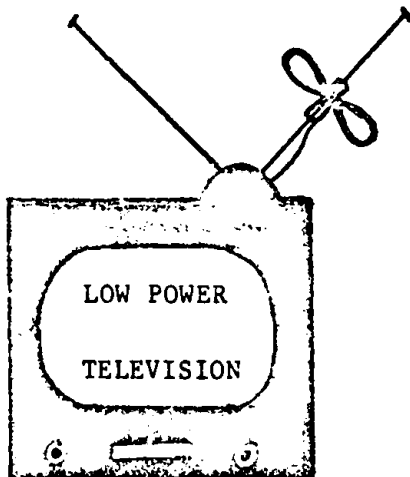
JOHN

K2JF





FCC FEEDBACK



SHOULD THE FCC ADOPT RULES AUTHORIZING A LOW POWER TELEVISION SERVICE ?

The FCC is proposing to authorize a new class of broadcast station. This new service, called the Low Power Television Service, would allow low power stations to operate on any VHF or UHF channel, on a secondary basis to full service stations. The service would consist of existing low power translator stations as well as new stations.

Presently, translator stations serve to pick up the signal of a full service station, boost it, and rebroadcast it on another channel. They are not permitted to originate any programming other than emergency warnings and 30 seconds per hour of fund raising programming. The new low power stations will be permitted to originate programming, to continue to serve a translator function, or to provide subscription programming via a scrambled signal.

Stations licensed in the Low Power Television Service would operate on a secondary basis to full service stations. They would not be permitted to cause interference to full service stations, and would be required to vacate the frequency on which they operate if a full service station were licensed on the same frequency. Low power stations, as the name implies, would be limited to operating at a lower power than full service stations. Generally, low power VHF stations will be permitted to operate at 10 watts of power, and low power UHF stations at 100 watts.

A low power station would not be required to originate programming, and would not be required to build studio facilities. Should a translator station licensee choose to originate programming, the licensee would be required to have a licensed operator at the station. The Commission would not prescribe the amount or types of programming to be carried, and formal log and ascertainment requirements would not apply.

The Commission took this action in part due to a recognized need for additional television services, particularly in rural areas of the country, which are underserved by existing stations. The new low power stations would be a valuable means of providing additional television service in many areas. The low power stations could also provide new, less expensive opportunities for minority groups and individuals to establish and operate specialized stations.

Ownership of low power stations will be open to any party who can meet the citizenship, financial and technical requirements. There will be no limit on the number of stations in common ownership, although the one-to-a-market and duopoly rules will apply. That is, a broadcast licensee would not be permitted to own a low power station within its primary service area. The Commission hopes that low power stations will provide openings in the broadcast industry for new and diverse voices. To foster that goal, major television networks will not be permitted to own low power stations. It is hoped that flexibility of programming and operating requirements will enable these stations to be economically viable while offering new and varied types of programming. In order to encourage minority entry into the broadcast industry, a preference would be accorded to minority applicants when more than one applicant seeks the same channel. Non-commercial applications will also receive a preference in such situations.

Presently, no applications for low power experimental stations will be accepted by the Commission, which is retaining an April 24, 1980 freeze on such applications. However, the Commission has not placed a freeze on applications for translator stations, and will accept translator applications which include requests for waiver of the existing translator rules, providing the waiver request is supported by a public interest justification.

It is important to note that no final rules for the Low Power Television Service have been adopted. Therefore only correctly completed applications for translator stations to operate under the existing rules will be accepted for processing. Ordinarily a complete and accurate application cannot be prepared without the assistance of a qualified broadcast engineer. The Broadcast Bureau has cautioned that incomplete or defective interim applications will be returned without action.

HOW CAN I COMMENT
ON THIS
PROCEEDING ?

If you wish to comment on this proceeding, you can do so by sending an original and five copies of your comment to the Secretary, FCC, 1919 M St. NW, Washington, D.C. 20554. Be sure to include the docket number, BC DOCKET 78-253, on your comments. Comments are due by January 15, 1981, and reply comments are due by March 1, 1981.

For more information about the proposal, contact the Consumer Assistance and information office, at (202) 632-7000.