

CROSSTALK

Published By and For The
GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

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CROSSTALK STAFF

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Charlie Sketchley, K2PQD, "
Milt Goldman, K3WIL, Publisher

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CLUB NETS

10 Meter	Friday,	10:00 PM	28.775 USB
ARES Net:	Sunday,	8:00 PM	147.78/18 eptr
75 Meter Net	Sunday,	10:00 PM	3.910 LSB
Club Swap Net	Sunday,	8:30 PM	147.78/18 rprr
Club News Broadcast via K2QGH	Sunday,	7:50 PM	147.78/18 rprr

The Gloucester County Amateur Radio Club meets the first Wednesday of each month at the VFW Hall in Woodbury Heights. Meetings begin promptly at 8:00 PM

Please send any contributions for CROSSTALK to Tony Starr, WA2FZB,

Deadline for submissions is 10 days before Club Meeting.

PRESIDENTS MESSAGE JUNE 1984

June is upon us and Field Day is almost here. I hope everyone contacts the Field Day Chairman, Jim Clark - KA2OSV or Tony Starr - WA2FZB to sign up and help out in this years activity. Whether you want to operate or just help set up, make plans to stop by over the weekend of June 23/24 and join in the fun. Big plans are in the making by Chefs Charles and Howard to feed the participants so lend a hand and be rewarded with good eats.

The July meeting is being pushed back to Wednesday, July 11th due to the 4th of July holiday. The meeting will begin at -- 7:30pm -- . This early starting time will allow us to have a quick business meeting, pass out the American Cancer Society Bike-a-Thon t-shirts and info kits and then devote the remainder of the evening to a SkyWarn training session. Due to the length of the program, there will be several breaks for refreshments.

Don't forget to mark your calender for Saturday, October 20th. Roslyn - N2AKL has planned a TWENTYFIFTH ANNIVERSARY Dinner Dance, I'm sure you'll enjoy. Additional information and tickets will be available in the near future.

Harry, WA2VXT

JUNE PROGRAM

Sounds really great! Tom, KB2GI, announces that this months program will feature GCARC's own Sam, WB2BWL, who will present a 20 min. film and a talk on Shipboard electronics. Sam, a Navy recruiter, obviously has the practical knowledge and experience plus being a ham (Extra ticket) to describe this most interesting subject. Aircraft carriers and submarine electronics will be presented. Now we know some of you come just to savor Jim's (N2AKI) donuts and coffee (not a bad reason). But this time it looks like the program will be an added inducement! CU There.

FD, 1984

Is shaping up nicely. Chairman Jim, KA2OSV, has held several planning meetings with good attendance and, from all accounts, it appears as if Murphy will NOT be part of FD this year. Remember the Date - June 23 - 24th with set-up to start about 10 AM Saturday. The starting gun is 2 PM Sat. Congratulations to Gene, WB2UVB, who has volunteered as 80 M CW Band Chairman. At this writing there is a chairman for all bands EXCEPT 20M CW. Let's have a volunteer for this most important, high scoring band - don't wait any longer! Call Jim right NOW: Thanks. Let's get GCARC to the top of our class this year - our 25th Anniversary Year! If you are mike-shy, or forget your CW -- at Least -- come on over and help set-up the antenna farm. Or, c'mon back about 1 PM Sunday

and help take down and clean up! We need you even if you don't want to operate! At least c'mon over and try some of the culinary arts of Charlie and Howard. And there is always a spare 807 around. Remember, the most important part of FD (besides the emergency preparedness bit) is to have FUN! So call the Band Chairman (see last month's X-TALK) of your choice and say "when do you want me to help"? CU There -- at the College on the 23rd.

W2SUA DX TROPHY WINNER

For the Second consecutive year, Tom, WA200S, has won the coveted W2SUA trophy, according to Contest Chairman Dennis, WB2GES. This trophy annually is awarded to the club member achieving the highest combined phone - CW score in the ARRL DX Contest. The trophy will be presented to Tom at the June Meeting. Many congratulations to Tom (who nudged out Dave, W2YC) for a great effort.

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NEW AMENDMENT PROPOSED

The following Amendment to the GCARC Constitution was presented on first reading at the May meeting: "A new class of membership known as a "Junior Class" is herein established. The Junior class membership shall be opened to all Licensed Amateur Radio Operators under the age of 18. The cost of a junior class membership shall be one-half the amount of a full membership. A junior class member shall enjoy all the privileges and fellowship of a full member except for the right to run for regular office. Of course this amendment is geared to make Club Membership more lucrative for the teenage (or younger) ham which, most all agree, is a good idea. We do need new young blood and GCARC feels this would be a good way to encourage the younger ham.

CLUB MEMORIAL SERVICE

Under the planning of Charlie, K2PQD and Howard K2QGH, the Club will conduct a brief Memorial Service at this months meeting in remembrance of our Clubs Silent Key Fraternity. The assistance of Bill, K3ALS, who is pastor of the Hurffville Methodist Church, has been obtained for which a more appropriate person could hardly be found for this service.

HAMFEST "84"

Our Big 25th Anniversary Hamfest Planning, according to Chairman Bill, WA2VEE, is coming along nicely. Already 4 major vendors have signed on: Dela. Amat. Supply, Amateur and Advanced, Barry Electronics (NY), and Trevose. And this year four (yes 4) major prizes will be offered. 2 HT's, a Transceiver, and a Computer. Not Bad! Of course, GCARC will be first, under the new volunteer licensing plan, to offer Advanced and

EXTRA CLASS license exams. (tnx to John, K2JF, and his efforts here). The really important thing now is to get those Advanced Ticket Sales going! This is the important key to success at this time. Your Club needs Your help here! Please get busy! TNX.

WALK-A-THON SUCCESSFUL

The March of Dimes potentates were very grateful to WB2GSF and his GCARC crew for a really super effort at their recent WALK-A-THON. In fact, it appeared as if GCARC did alot of organizing and straightening - out of the plan - in addition to supplying the communications. Many thanks again to Harry and the following OPS for a fine effort: AI2B, K2PQD, K2QGH, N2BPN, K3WIL, N2AIV, WA2VEE, WA2NPD, WB2OYQ, N2DIY, W2UNI, KD2CR, WB2AOL, N2AIV, WA2WOD, KD2DZ, K2HPV, and KC2PC.

AMERICAN CANCER SOCIETY BIKE-A-THON

This years Bike-a-Thon from Philadelphia to Atlantic City is fast approaching. As in the past, we have agreed to provide all necessary communications along the route. As of this writing, we have filled only 50% of the positions that must be manned. The sign up sheet will be on the table at the June meeting. Pick a spot and sign up. No matter what your preference, there is a space open for you. Lets keep up the good work and see if we can get the American Cancer Society Community Service Award two years straight.

W2MMD 25th ANNIVERSARY OPERATING EVENT

The W2MMD special operating event was held the weekend of May 5-6. If you participated and have not turned in your logs, please bring them to the June meeting. A full report on this event will be published after all of the results are tabulated.

J CEE's BIKE-A-THON

Another rousing public service activity success from all accounts. Chairman Chick, WA2USI, had things well organized with a new concept -- that of Group Leaders in charge of various sections of the route. Serving as group leaders were KB2GI, WB2FJL, WA2IVZ, K2HPV, WB2OYQ, KZ2M, and AI2B. Also helping out were: K3WIL, W2GSN, N2SS, N2AJN, WB2OZE, N2AKI, N2ASV, WB2GSF, KD2CR, KD2DZ, WA2TOP, WB2UVB, KC2PC, WA2WOD, K2PQD, WB2AOL, K2QGH, K2JF, WA2GFK, N2EFQ, N2DRD, N2DIY, KB2GL, and KC2PO.

UP COMING EVENTS

Don't forget: our services have been requested for the Pitman July 4th Parade and, as in years past, the Big Bike-a-Thon sponsored by the American Cancer Society on July 22nd. Reserve those dates now. Your help is needed.

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CONGRATULATIONS TO:

Al, KA2KGD, who finished 3rd Nationally and 1st in SNJ in the Novice Roundup, 1983. This is a super achievement on Al's part.

Also, Bill, KA2TRP, Finished 2nd in SNJ Section -- which for a relatively new opr, was an outstanding effort! Looks like Bill is well on his way.

Also Ed, WA2PFC, and George, KB2GW, who each turned in respectable scores in the VHF Sweepstakes.

And, to John, K2JF, who has been busy presenting talks on ham radio (Haddonfield Kiawanas Club) and RFI/TVI (Quarter Centry Wireless Assoc.), Feasterville, PA. John continues to be a real emissary for Amateur Radio.

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4 - SALE

1. Kenwood TS 820 XCVR
2. Swan - 1A, SWR es PWR Meter
3. MFJ 160 - 10 Ant tuner

WUD like to sell all 3 items as a package: \$550.00. Excel. cond. and low milage. Contact Roy Horner,

CLUB QUESTIONNAIRE

Did you complete yours and return it to K2PQD yet? If not, Charlie will have more to hand out at the June meeting. Take a few minutes to help bring our computer data bank up to date. TNX

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NEW SEC APPOINTED

Harry, WA2SEA, informs that SNJ now has a new SEC. He is George Ford, K2QIJ, who hails from Burlington. Congratulations to George. As in the past, GCARC stands ready to assist as needed or requested.

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CLUB UPGRADES REPEATOR

At the May meeting, the membership unanimously voted to purchase an 850 2M autopatch controller in order to upgrade our FB 2M Repeater. The price, over \$2,000.00, seemed a bit steep, but, considering the expected value and performance - should more than pay for itself over the next few years. Incidentally, the 220 rprr antenna is now located on top of the Memorial Hospital Adm. Bldg. in Wash. Twnshp.

X-TALK EDITOR RETIRES

It is with deep regret that your humble scribe retires as X-TALK editor effective with this issue. This decision was necessary due to the pressure from family and work problems. It was a pleasure to have served this most recent stint (over 3 years) also having served as Editor for nearly 5 years previously. It is time for a change in perspective and rhetoric. Fortunately, your new chief is well equipped to handle this hob in expert fashion. He is also younger and more handsome (debatable). I trust that the X-TALK Staff and Reporters will give Tony, WA2FZB, the same excellent cooperation and service that has been afforded me in recent years. There is no question that Tony is climbing aboard a smooth running ship with an outstanding crew. I personally wish to express my deep thanks to all who have made X-TALK the finest Club publication around. With everyone's continued help, it will continue to prosper. All the best of luck to Tony --

de WA2NPD.

PUBLIC SERVICE COMMITTEE

Following a suggestion made at the May general meeting, the board of directors has approved the concept and created a Public Service Committee to coordinate all the various public service activities that the club participates in or has been requested to participate in. The working committee consists of the officers and directors of the club and will be headed by Vice President Tom Gordon - KB2GI. We ask that any member that is contacted with a request for the club to provide communications and/or assistance as a public service, please refer that request to Tom - KB2GI for consideration by the committee. If approved, the committee will solicit a club member to head up that activity and see it thru to a conclusion.

LES BELLES

The following appeared in YL HARMONICS Issue #2 for 1984 as edited by Doris Smith WD8IKC of Canton, Ohio:

PLANT HAPPINESS

First plant five rows of peas:

Perservance, Presence, Preparation, Promptness,
Purity.

Next plant three rows of squash:

Squash gossip, Squash criticism, and
Squash indifference.

Then four rows of lettuce:

Let us be faithful to duty. Let us be unselfish
and loyal.

Let us be true to our own obligations.

Let us love one another.

No garden is complete without turnips:

Turn up for important meetings. Turn up with
a smile.

Turn up with niw ideas.

Turn up with determination to make everything
count for something good and worthwhile.

-- Author Unknown

If we apply the above to GCARC everyone would be happier. What say gals?

Thanks to all who have volunteered to make or buy a gift for the hamfest. I have purchased several items as time moves along or if I see something that will be suitable. Come on YL or XYL, lets make it a biggie in August down at the Hamfest.

73

Rose Ellen

N2RE

GLOUCESTER COUNTY (S.N.J.) EMERGENCY PLAN

The following plan is to be used in the event of a disaster that incapacitates the normal communications facilities in the Gloucester County area.

The first thing to be considered is the need for such a plan. In recent years many changes have taken place in the field of emergency communications in our rapidly expanding area. At this time (Spring of 1984) the normal channels of communications are very adequate for most emergency situations. Nearly all the local municipalities in Gloucester County have full time police departments which are well equipped with two

way radio communications. Each municipality has one or more fire departments, rescue squads and ambulance squads, all equipped with two way radio communications of one or more channel capabilities. Fire, rescue and ambulance squads are dispatched by the recently established County Communications Center in Clayton. Most of the larger units of local government as well as the county have mobile radio equipment in their Public Works units. So, all the above considered, it seems likely that most types of emergency situations can be handled by the regularly established networks.

However there is always that one unlikely emergency situation that has a way of popping up at the most unexpected time, i.e., ice storm, severe weather, blizzard, tornado and etc. That is when the Amateur Radio Emergency Service would be called into action, when all the regular channels are inoperable or overburdened. In my fourteen years as Emergency Coordinator, I cannot recall any time when we have been called into service in the wake of a disaster.

The A.R.E.S. has helped in the search for a missing child, and yearly provides communications for several worthwhile civic endeavors; that is walk-a-thons, bike-a-thons, parades, Boy Scout exhibits and etc.

In our county the A.R.E.S. is also the working nucleus of R.A.C.E.S. This gives us more flexibility in R.A.C.E.S. operations and at the same time gives the A.R.E.S. more clout and a Emergency Operating Center to use at our discretion, for routine drills as well as for county government functions.

Our A.R.E.S. group is affiliated with NOAA Weather Radio's Skywarn, and the county chapter of the American Red Cross, as well as being the Official Emergency Communication backup system for county government.

We are indeed fortunate to have at our disposal the use of the Gloucester County Amateur Radio Clubs repeater systems, probably the finest repeater systems in S.N.J.

In an Emergency situation all A.R.E.S. members, numbering about fifty, are instructed to monitor the Pitman repeater 147.78/.18 MHz. The E.C., Assistant E.C.'s or any responsible net member would activate the net. Those members so equipped would be instructed to monitor the 220 MHz. repeater. (In the future we expect to also use the new 440 MHz. repeater.)

We would most likely open the Emergency operating Center, in the Court House in Woodbury, to take advantage of the emergency power and H.F. equipment at the E.O.C.

The operator(s) at the E.O.C. would monitor 147.78/.18, 223.06/.66 MHz. repeaters, the State O.E.M. frequencies at 3.990.5 MHz., 145.68 s., and the 146.295/.895 MHz. Camden County repeater.

In the event of a large scale power outage, we can still maintain open channels of communications using mobile and hand held V.H.F. radio equipment. If we lose the repeaters we would go to simplex operations on 147.540 and 223.780 MHz. plus any number of other channels that are always available for our use.

Our equipment flexibility would allow us to interface with other counties in S.N.J. on their frequencies and also maintain contact with N.T.S. nets on 2.950 and 146.055/.655 MHz.

Editor's Note:

A list of frequencies used by eight neighboring counties will be included on copies of this plan to be distributed at an upcoming Club meeting.

Harry McCormick, WA2SEA
Emergency Coordinator
Gloucester County.

DA'S & DIT'S

W2MMD Repeater: "Our motto is #1 for Field Day on our 25th Anniversary."

Following the June meeting, our next meeting will be July 11.

The K2QGH news broadcast appears every Sunday evening from 7:50 to 8:00 PM. Sometimes his XYL pinch-hits. She sounds super.

Among the attendees, at the welcoming services for Dr. Creamer with his trusty 36' foot sailboat at National park, was K2HPV and his flock.

N2BVA; munching on butter scotch sundaes will not control the growth of fat cells.

WB2OZE's former on again - off again mike is now doing fine after a good repair job.

Believe it or not - but N2CUE says he made contact with the Admiral Byrd Expedition at the North Pole.

N2ASV says there's nothing like a corned beef sandwich to take away the hunger pangs.

N2SI - back on his wheels again - taking both long and short trips

Many thanks to Rose Ellen, N2RE, who made -- yes made our Good Looking 25th Anniversary Banner. The lady has talents in other areas too. FB job!

de Eavesdropper

SUPPORT YOUR CLUB IN 84

As a GCARC member for several years along with having held several offices it seems natural at this time to recall some of the advantages of being an active member. Just as I mentioned about ARRL, it seems the enthusiasm is dragging a bit with GCARC. This is noticed when the Chairman of any given committee has to keep asking for help along with the lack of some members coming out to recent meetings and also not staying for the programs. Many members had agreed to the increased dues to \$15.00 annually while others dropped their membership. I can repeat the timeless saying "you get out of a club exactly what you put into it" - let's not

keep asking "WHAT HAS GCARC DONE FOR ME?" but try to take part and be an active member.

Without going into club history, I can say that since 1959 until 1984 our club has always been in the forefront in our effort to expand and preserve the Amateur Radio Service not only in the club, but in the county as well as surrounding counties. The club is alive and active today because of the early charter members who spent many hours in establishing the guidelines which we are still using. Of course, our constitution has been revised from time to time but this is usually necessary for any club. A revision is healthy and shows growth in GCARC.

Our President, Harry Maxfield, WA2VXT, has worked very hard to make this our 25th Anniversary year a big success. As you all know many extra activities are happening and planned for the balance of the year. To support our President as well as the entire club, please take part in as many special events as possible.

One can sit back and think about attending a meeting; the very first entry into the club meeting area there is nothing but friendly chatter to the extent our President has a time getting things quiet to conduct any business. It is a great way to keep up to date with everyone - come out to the meetings.

Our Hamfest will be more successful if every member sells the ten tickets received at the last meeting -- have you sold yours yet? Keep your eyes and ears open for anyone who might be interested in attending. Make a big day of it.

Let's each one sit down and think over thoroughly the way to keep G.C.A.R.C. the fine club the charter members organized it to be back in 1959 - REMEMBER THE 25TH. Participate, as much as possible. Get involved as much as possible. Don't be afraid to volunteer, especially during 1984 our ANNIVERSARY YEAR.

73

Rose Ellen Bills - N2RE

DX DOPE

By WA2OQS and NC2V

- BAND CONDX. Band conditions have been fair, as is to be expected during the latter spring and summer months. Don't give up on 8Ø and 40 meters yet. There is still some good DX activity from Europe, South America and even the Oacific. Remember the Southern Hemisphere is entering its Winter months and there is increased activity due to lower noise levels.
- ZL8 It has been reported that the recent Kermadel Dxpediton QSL cards are now being received.
- YVØ Also the YVØ Aves Island cards are in the mail.
- XU The Sunday list operation with XULSS is back on the air after a brief absence. Due to poor propagation and frequent "No shows" This group is very difficult to get a contact with.

- T2 Chris T2ADE from the island of Tuvalu has been rather active lately. Look for him on the Pacific Island Net, which meets on Fridays & Saturdays around 4 PM local time on 21.290. Chris has also been appearing on 3795 KHz around 6 AM.
- ZL7 Ron, ZL1AMO, is now operating from Chatham Island signing ZL7AMO. He favors CW operation, and usually operates about 25 Khz up from the band edge. QSL via ZL1AMO.
- 1s The planned Spratly Island Dxpedition has been postponed, without any later dates for operation given.
- A9 A92EB has been making a showing on 21.335 around 2000 UTC on the weekends QSL Christain via KØLST.
- RUSSIA There has been quite a bit of activity from many of the rarer Russian countries on 20 meter CW. The Russians have recently added a number of new prefixes which are causing many pile-ups.

Here's a hint to help determine the CQ zone of some of the Asiatic Russian call areas.

Zone 17 includes UA or UK9's with suffexes begining with A,C,F,G,J,K,L,Q, S,X.

Zone 18 includes UA9's H,I,O,P,U,V,W,Y,Z and UA or UKØ's with A,B,H,O, S,T,U,V,W

Zone 19 includes only UA or UKØ's with C,E,F,G,I,J,K,L,M,Q,R,Z as the first letter of the suffex of their callsign.

The CQ worked all Zone (WAZ) award is a very attractive award available for working all 40 zones. A complete list of the zones can be found in many Radio publications.

CONTEST CORNER

TWO-LAND UPDATE

All Two-land logs are fully scored. Award certificates are now being prepared and should be released by mid-June. Copies of the complete results will also be sent to the major magazines contest editors and should appear in their September or October issues which allows for the magazines 90 - 120 day lead times. Complete results will be available at the meeting but the top 5 scores, inside and outside two land are noted below:

IN TWO-LAND

IN TWO-LAND

CALL	COUNTY	#QSO's	QSO PTS.	MULT's	SCORE
NC2V	Salem	618	1290	198	249,480
W2EZ/M	Various	138	413	41	16,933
K2HPV	Gloucester	102	216	58	12,528
N2CQ	Gloucester	63	189	49	9,261
AB2W	Gloucester	51	102	32	?

OUTSIDE TWO-LAND

CALL	STATE	#QSO's	QSO PTS.	MULT's	SCORE
KAlCLV	Mass.	27	81	21	1,701
W5WG	LA	29	60	19	1,140
W8RYP	Ohio	21	63	18	1,134
NØCLV	Kansas	29	75	17	1,275
K1VUT	Mass.	18	47	15	705

Barry Ford's score (NC2V) is an all-time Two-Land record. The previous top 5 scores are noted below:

KB2LQ	162,702
AJ2D	88,344
WA2STM	84,864
KA2AEV	81,328
AF2L	75,620

Barry beat the previous high score by an astounding 86,778 points and KB2LQ was a multi-operator station! Please join me again in congratulating Barry on a job well done, he has set a standard that will be hard to beat!

JUNE CONTEST EVENTS

Although Field Day is the highlight of this month (and perhaps the year) There are other interesting events:

For the County Hunter:

June 2 - 3	New York State QSO Party
6 - 17	Nine Land CW Contest

VHF:

June 9 - 10	ARRL VHF QSO Party
16 - 17	Six Meter QSO Party

DX's:

June 2 - 3	RSGB VHF Field Day
9 - 10	South American CW Contest
16 - 17	All-Asian SSB

And, last; but, certainly NOT least:

June 23 - 24 FIELD DAY !!!

Field Day what does it mean? Probably different things to each of us First, and foremost, it is a test of our ability to set up and operate under "field" conditions. Second, it's a great opportunity to enjoy some great hamming and comradeship. LAST, it is a contest, which is only incidental to one and two above.

Field Day is made by people. With your help the operation can be successful from start to finish. Help is needed setting up and breaking down. Most importantly, come out and operate. No station is overloaded with operators. You don't have to be a contestor to participate, just jump in, do your best, and enjoy a cold 807 while your at it! Stop by the 40 meter CW station, N2CQ, WA2NPD, K2HPV and myself will be there!

73

Dennis WB2GES

SOMETHING TO REMEMBER

Both President Lincoln and Kennedy were concerned with the issue of Civil Rights.

Lincoln was elected in 1860 - Kennedy in 1960.

Both were slain on Friday and in the presence of their wives.

Both were shot from behind and in the head.

Their successors, both named Johnson, were Southern Democrats and both were in the Senate.

Andrew Johnson was born in 1808 and Lyndon Johnson was born in 1908,

John Wilkes Booth was born in 1839, Lee Harvey Oswald was born in 1939.

Booth and Oswald were both assassinated before going to trial.

Booth and Oswald were Southerners favoring unpopular ideas.

Both Presidents' wives lost children through death while in the White House.

Kennedy's secretary, whose name was Lincoln, advised him not to go to Dallas.

Lincoln's secretary, whose name was Kennedy, advised him not to go to the theatre.

John Wilkes Booth shot Lincoln in a theatre and ran to a warehouse.

Oswald shot Kennedy from a warehouse and ran to a theatre.

The names, Lincoln and Kennedy, each contain 7 letters.

The names, Andrew Johnson and Lyndon Johnson, each contain 13 letters.

The names, John Wilkes Booth and Lee Harvey Oswald, each has 15 letters.

HAM LOSES LICENSE FOR CHEATING ON TEST

FCC Acting Chief Administrative Law Judge Thomas B. Fitzpatrick has ordered the Technician class license of Vicent J. Beard suspended for term, his N2EDW station license revoked and his application for a General class operator license denied after FCC determined that Beard had cheated on a General class code test. On March 23, 1983, Beard appeared at the New York City office to take the Extra and General class code tests. Testimony indicated that after failing the Extra class code test, Beard was called back into the examination room by FCC Examiner Debra Thomas for the General class level exam. After playing the 13 wpm tape, Thomas handed all applicants the questions and answer sheets. She then observed Beard "looking into his left hand which was cupped and down on the writing surface." She confronted him and found that he had a small card in his hand which contained the answers for all 11 versions of the 13 wpm tape "was covered with writing but does not show any coherent message on either side."

Beard acknowledged that he had the card in his hand during the exam, but indicated that he had not intended to cheat. He said that while waiting to take the 13 wpm test he had made the acquaintance of another ham named "Bruce" in the waiting room. Beard said that as he got up to enter the examination room, Bruce handed him the card. He only looked at the card after the 13 wpm tape had been completed and then realized what it was. At this point, according to Beard's own testimony, Thomas asked to see what he had in his hand. Thomas terminated the exam and informed Beard that he had failed. He waited 30 days and retested in late April. This time he passed the 13 wpm code test.

Beard was not able to recall a call sign or last name for "Bruce." No one with the first or last name of "Bruce" or with a middle initial "B" took any amateur or other operator exam in the office on March 23, 1983.

Judge Fitzpatrick concluded that "Beard not only acknowledged that he had the card in his hand but that his actions were of a 'suspicious nature' in that he was looking into his hand at the card when Application Examiner Thomas terminated his examination. Beard's explanation that he was given the card by a stranger called 'Bruce' as he entered the examination room and that he was merely looking at the card to determine what it was after he realized that he couldn't pass the examination is rejected as inherently improbable." Beard has until June 6 to appeal this decision.

(TNX to ARRL Letter)

IGNITION NOISE PROBLEMS?

Champion Spark Plug Company has a publication "Giving Two-Way Radio Its Voice." It covers all aspects of ignition noise and its remedies. It costs \$1.00 and is available from: Champion Spark Plug Co., Automotive Technical Service Department, PO Box 918, Toledo, OH 43661.

(Thanks Sterling-Rock Falls ARS Electron)

(Ed note: I think I'll write for this. I'm tired of everyone knowing that I am on the air before I even give my call! N2ADD)

The difference between intelligence and education is this, intelligence will make you a good living.

Charles F. Kettering
(TNX to SPARC - GAP)

A NEW YORK HAM HAS PAID A \$600 FINE and has agreed to turn in his license for a 4 month period. Edward L. Johnson, WA2JHU, of Syracuse, New York, was caught violating 97.84 (failure to identify) and 97.113 (broadcasting). But there is an interesting angle to this story. Captain David A. Stevenson, of the Onondaga County Sheriff's Department, received complaints from hams supplying communications at the 1983 Empire State Games in Syracuse that they were being severely interfered with. Stevenson tracked down the culprit electronically, and turned the information over to Federal officials. Jammers beware! (FCC release #3776, 4/23/84)

PHELPS DODGE CORPORATION, a manufacturer of high quality communications antennas very popular with repeater owners, has changed its name to Celwave Communications. The company's address is Route 79, Marlboro, NJ 07746.

(TNX to Westlink es K3WIL for above two (2) items)

NEW AMATEUR RADIO TESTS ISSUED

(TNX to W5YI Report es K2JF)

The FCC has re-issued the Novice Amateur Radio Operator License (Element 2) examination to coincide with recent changes in Part 97 Rules. The new Novice Test question edition is dated February 1984 and replaces the July 1983 version.

In addition, the Commission has released the Advanced (Element 4A) and Amateur Extra Class (Element 4B) test questions. These were supposed to have been ready in time for the Dayton HamVention, but were still at the printers when Johnny Johnston (W3BE), FCC Personal Radio Branch Chief came to Dayton. He mailed them to me as soon as he returned to Washington.

Since all question lists have now been developed, the new volunteer examination program can now proceed in its entirety. Up until now, only Technician and General Class examinations could be given under the new (Tec and up) VE program. The Technician Class through Amateur Extra volunteer ham exam program is completely different from that of the Novice.

The Element 4A (Advanced Class) questions consist of:

Sub.	Total		
<u>Sec.</u>	<u>Questions:</u>	<u>Subject:</u>	<u>To be selected:</u>
4A-A	60	Rules and Regulations	6
4A-B	10	Amateur Radio Practice I	1
4A-C	20	Radio Wave Propagation	2
4A-D	40	Amateur Radio Practice II	4
4A-E	100	Electrical Principles	10
4A-F	60	Circuit Components	6
4A-G	100	Practical Circuits	10

4A-H	60	Signals & Emissions	6
4A-I	<u>50</u>	Antennas & Feedlines	<u>5</u>
<u>Total:</u> 500 Questions of which 50 are selected			
(Passing score is 37 correct out of 50)			

The Element 4B (Amateur Extra Class) questions consists of:

4B-A	80	Rules and Regulations	8
4B-B	20	Operating Procedures	2
4B-C	10	Radio Wave Propagation	1
4B-D	30	Amateur Radio Practice	3
4B-E	70	Electrical Principles	7
4B-F	50	Circuit Components	5
4B-G	60	Practical Circuits	6
4B-H	30	Signals & Emissions	3
4B-I	<u>50</u>	Antennas & Feedlines	<u>5</u>
<u>Total:</u> 400 Questions of which 40 are selected			
(Passing score is 30 correct out of 40.)			

HAM OPERATOR EXAM QUESTIONS

A booklet containing the FCC Amateur Radio Operator Study Guide and all 1600 actual test questions for all ham classes (Novice through Extra) now available from: THE W5YI REPORT, PO Box #10101, Dallas, TX 75207 for \$2.00 plus 50 cents postage.

FCC SOLICITS NEW HAM EXAM QUESTIONS

The Commission also said they invited amateur radio operators to submit questions for future Amateur Radio license examination revisions. Such questions must be suitable for various types of answer formats: single answer, multiple choice or essay type. All proposed questions must be directed to the Personal Radio Branch, FCC, Washington, DC 20554.

Each proposed question must be submitted on a single 8-½" x 11" sheet of paper showing the following:

- (1) The test element (2,3,4A or 4B) for which the question is proposed.
- (2) The study guide topic upon which the question is based (Example: Element 3B(2) Radio Teleprinting Operating Procedures.)
- (3) The question and the answer.
- (4) One or more reference sources which confirm the correct answer. (Examples: FCC Rule number; textbook name and page number.)
- (5) Submitter's name, address, operator class and amateur radio station call sign.