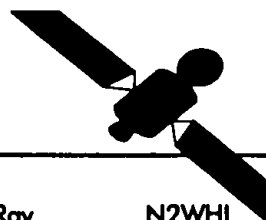




W2MIMD



Gloucester County Amateur Radio Club

1994 Officers

President	Charlie Olinda	N2SRQ
Vice President	//OPEN//	
Treasurer	John Zaruba, Jr	AA2BN
Recording Sec.	Chris Chamberlin	N2IVN
Corres. Sec.	Cory Sickles	WA3UVV

Directors

3 Yr (94-96)	Bob Krukowski	WA2UDO
	Steve Fidler	N2GVR
2 Yr (93-95)	Leroy Brady, Jr.	KB2ODL
	//OPEN//	
1 Yr (92-94)	Jim Mollica Sr.	K2OWE
	Beth Barnish	KB2EAL

Trustees

4 Yr (94-97)	Thomas Mawson II	KE2SC
3 Yr (93-96)	Marla Bozarth	N2DWR
2 Yr (92-95)	Joel Supkow	KB2AYW
1 Yr (91-94)	Milt Marder	WA2FGA

GCARC Meetings

General Membership:

8 p.m., 1st Wednesday every month,
Deptford Elks Lodge, Highland Ave., one
block from Egg Harbor Road.

Board of Directors:

8:15 p.m., 3rd Wednesday every month,
GCARC site, Harrison Twp. 4-H Grounds
(approximately one mile south of Mullica Hill
on Rt. 77).

Club Repeaters

147.780/180 Mhz 223.06/224.66 Mhz
447.100/442.100 Mhz (CTCSS 131.8)

1994 Committee Chairpersons

Advertising	Ray	N2WHL
ARES/RACES	Chick	WA2USI
Awards	Jack	K2ZA
Banquet	Marla	N2DWR
Budget *	Charlie	N2SRQ
Callbook Info.	John	K2JF
Chaplain	Tom	N7GBH
Clubhouse Site *	//OPEN//	
Constitution *	//OPEN//	
Crosstalk	Greg	WN2T
	Don	N2WFM
Data Processing	Skip	KE2SC
DX	John	K2JF
Field Day *	Steve	N2GVR
Hamfest *	John	KA2EZN
	Bill	N2QEB
Heath & Welfare *	//OPEN//	
Help	Ken	KN2U
Historian/Archivist	//OPEN//	
Hospitality *	Andrew	N2PKV
Legislation	//OPEN//	
Membership*	Drew	N2UNG
Nets	Steve	N2GVR
Nominations	Charlie	N2SRQ
Publicity *	Ray	N2WHL
Repeaters *	Chuck	WA2TML
Scholarships	Greg	WN2T
Special Services	Al	N2FJQ
Sunshine	Marla	N2DWR
Technical	Ken	KN2U
Training & Testing	Bill	WA2VQG
TVI	John	K2JF

(* Standing Committee)

NETS

ARES/RACES - Sundays, 2200 Hrs
(147.780/180 & 223.06/224.66 Repeaters)
10 Meter - Sundays following the
ARES/RACES net (28.350 Mhz)



PIANO TUNING AND REPAIR
A poorly kept piano - one that is suffering
from broken parts, ill adjusted pedals or
sticking keys - will discourage any piano
student and impede progress in becoming
a better player. Call...
T.D. Church - Piano Service
(a.k.a. N7GBH)
Assoc. Member Piano Technicians Guild



CROSSTALK

July, 1994

Presidents Message

Some years past a fellow ham was having a problem that is not really out of the ordinary. He was forced to move to another community, where he found a nice home in a beautiful neighborhood. That is where the problem began... that "nice" neighborhood!

This fellow Ham, Rob, had been a Ham for 16 years to this date and really enjoyed rag-chewing on 40 meters and participated on almost every VHF/UHF contest that took place. He also enjoyed helping other people enjoy their hobby... He was a very active ARES member! Rob was an all round "Mr. Good Guy" of Amateur radio.

Upon moving into the new location Rob found the neighbor to be very friendly, they even offered to help him carry some of his boxes into his new house... truly this had been a wise choice (or so he thought). The weeks went by as Rob was unpacking his boxes and "setting up house"... when he came to his boxes of Amateur radio gear. Boy! Did that bring back fond memories... especially when he got to one of his many boxes of QSL cards... the memories began streaming back!

This little trip down memory lane gave Rob the strength to begin tackling this set of boxes... It's time to set up my shack!

When the decision was made as to where this "perfect" station should be located, Rob began his work. Since the rooms were empty he wouldn't have to worry about where to put this piece or that piece, he was free to create a masterpiece.

Next came the decision of where to put the antennas... now would be a good time to install his 60' tower, that he had been storing at his brothers house...

Where should he put it? Where will I run the coax, or maybe I should run hard line?... All of these questions ran through his mind as he was standing amongst the fallen leaves in his back yard.

While pondering these important questions, he heard a voice say "howdy neighbor". His next door neighbor had just come outside to begin raking up his leaves when he decided to seize the opportunity to socialize with his new neighbor. "Hi, my name is Jim, welcome to the neighborhood!" Rob was delighted to see that he had as nice a neighbor living on the other side of him as well... this move was definitely the right one.

They got to talking about this and that then the subject of his tower came up... when Jim heard that Rob wanted to put up a tower you would have thought that something bad was said about his sister!!! Jim replied in a challenging way "the township will not allow you to install a tower and I don't want to see one here either!"

Somehow Rob finished his conversation with his new neighbor then went inside to lick his wounds over a cup of coffee and a copy of PRB-1 that he had gotten from his Amateur radio President. After finishing his coffee and reading PRB-1 he decided to go ahead with his tower.

Monday morning came and Rob called into work, stating that he would be a little late. He used this time to go down to the Municipal building armed with his PRB-1 document and a checkbook to "pay" his way through the mess... an hour and a half later he walked out of the municipal building with a copy of a permit to install his tower.

During his lunch break he called a local contractor to install the tower base... in two weeks he would be able to complete it... but he couldn't install his tower for 3 weeks until the base set up... this would be no problemo... that would give him enough time to set up his hardline and antennas... everything was coming up roses... or so he thought!

The day had come for the contractor to dig the hole and place the ready made base assembly into the hole and fill it with structural grade concrete... the contrac-

tor did his job in a very professional manner indeed. This was evident when Rob got home from work... "what a beautiful job", he thought. At that moment his neighbor came near to the drying cement... "what-sha-building Rob?" well the truth had to come out sooner or later so he told him. Needless to say Jim was not a happy camper, and he couldn't get over the fact that the township allowed him to put up the antenna. Jim was so upset that he began calling many people in town to try to get this tower from being put up.

About three weeks later at a very well publicized Township meeting concerning this issue, Rob, the new guy on the block thought "Was it such a good idea moving into this neighborhood after all?"

One person after another got up and said that they really didn't want to have a tower in their neighborhood... Cable TV was doing such a good job!... What if our kids try to climb the tower?... If a storm comes and it falls over someone may get killed!...

It really looked like the new guy in town was not going to get his tower up after all... until... Father Thomas, local preacher stood and began to talk, "Good evening friends and neighbors, I have listened to your concerns in regards to Rob installing a tower in our neighborhood... I think that I should let you know some things about Rob!", Rob thought "be sure your sins will find you out!!!"... Father Thomas continued, "How many in this room remember the horrible rains and subsequent floods that we had ten years ago?"

About half of the hands went up in the already packed meeting hall at the Municipal building, Father Thomas continued "that flooding affected us pretty severely but I remember that it was life threatening to the folks four counties North of us, their dam strained over the excessive pressure, Army engineers were not notified right away because all of the communications in the town were down... this man, Rob, is the reason that thousands of lives were saved... he stayed and maintained communications about the condition of the dam with the officials up stream so that the pressure could be taken off of the dam as much as possible... he also went without sleep helping to coordinate relief efforts after the danger of the dam failure was over", Father Thomas then paused, looked directly at Rob and said "You-all decide what you want to do about this tower... I would recommend that we take Rob in as our neighbor and friend... Thank you.

The quiet in the meeting room was uncanny, you could see that many of the people had tears in their eyes. All of a sudden Jim, the man that was so intensely against having the tower installed, stood up and walked towards Rob, shook his hand and apologized... suddenly there was a thunder of applause from the crowd in agreement. Rob had went from public enemy #1 to the Greatest American Hero!

May I ask you a question? As an Amateur radio operator will others be able to speak of you as they were able to speak of Rob? Our reputation as Amateur radio operators is very important... how do you stack up? Don't forget that a reputation is dynamic.

If you have any questions about an amateurs responsibilities please read about them in last months Crosstalk.

73 de Charlie Olinda N2SRQ
President, GCARC



Happy Birthday!

Best wishes to those who celebrate their special day in July:

WA2BMQ.....	NORMAN T CONNELLY.....	02
N2KLE.....	JOSEPH T WELLS.....	03
KB2ODJ....	EDWARD HANKIN.....	03
N2FJQ.....	ALAN R TRUEBLOOD.....	04
N2NMY.....	JOHN KURKIS.....	05
N2DUZ.....	HARRY M JESSEN.....	06
N2SRQ.....	CHARLES T OLINDA.....	12
N2SS.....	ANTHONY R GARGANO.....	14
KC2PC.....	CHRISTOPHER KELLY.....	16
NC.....	JENNIFER WELLS.....	17
KF2AW.....	BOB OUDYK.....	17
KB2BLO....	CAROL HUTKIN.....	17
N2WHL.....	RAY FLANIGAN.....	21
KB2IRK....	WESLEY GOSBIN.....	22
WB2THM....	LOUIS MICELI.....	22
N2MWX.....	DENNIS S BALLANCE.....	25
N2HTS.....	CONRAD M SALATI.....	27
N2BDC.....	TADEUSZ NIZIOL.....	29

Go Team!

We had a very successful workday on Saturday June 11, 1994 at 0900 hrs. We had a large amount of work to accomplish and were able to finish our "to-do" list and then some. We can be very grateful to the following people who worked steadfastly to get the job completed... (and I might add that we had a good time!)

KA2KMW	Ed	WA2TOP	Mike
KB2EAB	Bob	N2TXG	Dan
N2YIO	Glenn	N2WSI	John
K2ZA	Jack	AA2BN	John
N2SRQ	Charlie	N2GVR	Steve

Many thanks to these fine folks for a great job. Also I would like to thank their families who may have made it possible for them to volunteer their time!

The Board of Directors has planned another workday on July 23, 1994 at 0900 hrs. Our mission for this day is to clean up the inside of the Clubhouse and to make some minor repairs on the outside of the trailer... and if time permits, install a shelter over our air conditioner so that the sun does not damage the insulated pipes again. If you missed the last one maybe you would like to make this one!

Thanks again to one and all who were involved in the workday! It was greatly appreciated.

73 de N2SRQ... Charlie.

Interesting Interests

One of the great strengths of our Club is the diversity of interests within our membership. Many members enjoy other hobbies and activities in addition to amateur radio. One such interest is private aviation, as evidenced by occasional plane tech-talk on the Club repeater that sounds like the control tower at Philly Airport! We understand that Charlie, K2PQD, had a great bird's eye view of the South Jersey real estate with pilot Milt Marder, WA2FGA.

One of the editors of Crosstalk heard some repeater chatter about the new Global Positioning Satellite technology that is used in aviation as well as for back-packing, boating, and any other time an accurate geo-

graphical pinpoint is needed. Might be interesting to have a Club program on this technology.

Anyway, the same editor who heard this chatter is also a shortwave listener. Anyone else in the Club share this interest? Maybe we could get together and develop a little group.

Scholarship Award

The Scholarship Committee is pleased to announce that this year's recipient of the \$500.00 scholarship award is Ms. Stacy Kay, a graduate of Washington Township High School. Stacy will major in communications at the University of Tennessee this fall. Stacy was selected from among a pool of three well-qualified applicants.

This is the fifth year of our GCARC scholarship program. In the course of that program, we have been fortunate to be able to award two scholarships to children of GCARC club members.

What Goes Here? 

One of the Crosstalk editors saw a YL in an ACME supermarket the other day wearing a tee-shirt emblazoned with the word, "ANTENNA." Gee, he thought, this must be some new ham radio group or promotion. Not quite! "Antenna" is a rock music group!

One for QST maybe!

Fill That Grassy Knoll!

4-H Parking volunteers are needed for three-hour blocks of time on July 28, 29, and 30, 1994 See Charlie N2SRQ, for details. We also need someone to be in charge on Thursday 10-6 p.m., as I will probably be taking my final exams at that time!

A Nice Accounting!

Many GCARC Club members remember Milt Goldman, K3WIL (son of Arthur Goldman, K3WIN), who retired to Florida a few years ago. We were pleased to hear the great news that his grandson, Jay

A. Goldman, graduated first in a class of 1,200 students at Towson State University on May 22, 1994. Jay, an accounting major, is now employed full-time with Walpert, Smullian, and Blumenthal, a professional accounting firm. Congrats to Jay and our best wishes to Milt! Keep in touch.

A Towering Accomplishment

Despite the high heat and humidity, the Technical Committee rallied at the Club Site on Sunday, June 19, to begin installing the rack panels in the main and secondary operating rooms. These will house the various pieces of Club equipment in a secure manner and provide comfortable operating positions for -- who knows down the logbook -- maybe some big-time HF and VHF/UHF contesting!

Although this may be a little bit out of reach right now, the Tech Committee discussed this and other short and long-range possibilities for future operating from the Site -- including present and future antenna needs, effective utilization of the present tower, and immediate repair needs to bring the Site up-to-speed as soon as possible.

Go Forth to Serve!

A two and one-half year term is open on the Board of Directors. At the June meeting, two nominations were proposed: John, KA2EZN, and Greg, WN2T. Additional nominations are welcome and a vote will be taken at the August 1994 meeting.

Rather Sociable of Ya'

Want to learn something about Packet, satellites, DXing, or maybe just enjoy the company of other Club members? Then join the Friday evening get-together at the Clubhouse, which begins at 1900 hrs. This is a great opportunity both for fellowship and also learning about the many interests shared by our diverse Club membership.

Notice!

June 30, 1994 is the deadline for receipt of Club

dues for this year. If a member in arrears has not paid up by this time, membership will be terminated July 1. If a member in default needs to discuss this matter, he or she may contact a Board of Trustees member or Club President Charlie Olinda, N2SRQ.

A "Finding" From the Past

Given the Club's interest in 2-meter transmitter ("fox") hunting, perhaps some members might be interested to learn that transmitter hunting has been a popular amateur radio sport for a long time. In fact, a June 1960 QST article describes a construction project for a 4 Mhz (they called it "Megacycles" in those days!) direction-finding loop.

This project involved a wooden frame, 16" X 12," wrapped with several turns of wire and covered with aluminum foil to shield from capacitive pickup. The loop was hooked into a suitable "boat anchor" receiver, which some members may recall with a fondness enough to bring a little tear to the eye (who could have afforded a Collins 75A4 or an HRO-60 anyway?).

Get Well Soon

Our best wishes to Bill King, N2STQ, who is recuperating at Elmer Hospital (Room 256A). Glad to hear the good progress, via John Fisher, K2JF.

Did you know?

According to scientists at the University of California at Irvine, **OUR BRAINS BECOME MORE EFFICIENT AS A TASK IS LEARNED.** The brain may use less energy as it learns because as one researcher said, "... it learns over time what circuits not to use to perform a task."

Source: Chronicle of Higher Education / Tnx K2JF

**CROSS TALK DEADLINE
FOR AUGUST ISSUE:
JULY 30th!!!**

Scouting Jamboree

Perhaps one of the greatest ways to introduce young people into amateur radio is through scouting. Apart from the obvious benefits of learning to be of service to others and developing interpersonal skills, scouting can -- and has -- launched whole careers.

This October, the Club will be participating in the Scouting Jamboree at the 4-H Field Grounds. This is a great opportunity for us to demonstrate what we're all about -- a community service, a vital communications link, a breeding ground for new technology, and a big part of scouting.

If you would like to become involved in this important event (exact dates later), please contact Steve, N2GVR, or Walt, WB2OYQ.

DX REPORT

V3 BELIZE... Rick AI5P and George WB5JHK will be active from Ambergris Cay as V31PH and V31WE from July 7-14. V31WE will concentrate on SSB and V31PH on CW. QSL via their home call. Usual DX frequencies. Thanks AI5P.

A35 TONGA... A35RK is often on 20 meter CW around 0400 Z. Paul is also active on 20 meter RTTY near 14087 kHz, 01-0300Z.

YW0 AVES IS... YW0RCV will be active from Aves Is. July 21- 25. Activity will be on CW, SSB and digital modes on all bands except the WARC bands.

D2/3 ANGOLA... D3X the operator D2EGH expects to use the special call sign for another month (July). Also, look for D2TT, Peter ON6TT for 6 weeks. He will concentrate on the WARC bands. Sunrise 0525Z; sunset 1655Z

DU PHILLIPPINES... DU7/SM0CNS JULY 1-31. QSL home call.

EP IRAN... EP2DL ON 14151 kHz, 0045Z, EP2ASZ ON 20 CW 2200Z

OM SLOVAK REP. OM9SMP is a special event station. Will be there for a couple of months. QSL via OM3LA.

ZONE 2 VE8/VE2BQB is currently active from Frobisher Bay, until November.

4U1ITU ITU HQ... Len Kay KB2R will operate from July 9-10. The two days he will operate 80-10 meters SSB and CW. He will try and spend some time on the

WARC bands if antennas are available.

YJ VANUATU... YJOAVH is often found on 14196 kHz at 0230-0600

R1MV1 M-V Island will be active July 30-31.

9J ZAMBIA... 9J2CW The operator, JF2XTZ has received his license. Look for him usual DX frequencies.

FR5ZQ/G GLORIOSO IS... Will be active during July and August from Glorioso Is. Usual DX frequencies and Nets.

VR6TC PITCAIRN IS... Has been ill. He is in New Zealand Hospital. Get well cards may be sent to Tom Christian, 105 Valley Road, Henderson, Auckland, New Zealand. For you who do not recall the history; Tom is the Grandson of the famous Thomas Christian of the "Mutiny on the Bounty."

ZA ALBANIA... ZA1E likes 21295 kHz around 1500Z QSL I2MQP.

ZS SOUTH AFRICA... ZS6IR will be active July 1-21. SSB concentrating on the low bands. Try 70-42-55 Khz listening near 7225 kHz. and 3780-3890 kHz, 2000-0600 Z. QSL to DJ4HZ

ARRL Outgoing QSL Service fees. The ARRL Outgoing QSL Service reminds us that the fee for users is two dollars (\$2) per pound or portion of a pound. The fee is 1 dollar (\$1) for ten or fewer cards. This must be paid in currency or check (no stamps, no IRCs). Tnx THE ARRL LETTER.




Remember if you need some good DX, the nets are a good place for the "Low Power" boys. Two of the best nets for DX are: 14226.5 (11.18Z) and 14246 (21Z). For DX information try the the INDXA net on 14325 at 2000Z.

Tnx QRZ DX, DX BULLETIN, and others.

C U in the Pile Ups K2JF

Solar activity is expected to be very low. The geomagnetic field will begin a period of minor storm conditions due to the coronal mass ejection inferred from the hydrogen swirl. Recurrent coronal holes are expected to cause minor storm levels from June 24 through 01 July. From the track and the way the corona has been acting and from previous observations of other cycles it now appears that Cycle 22 will bottom out around Feb. of 96. The Solar activity will be VERY LOW from starting June of 95 and linger through 01 July. How about trying the Oscar 13, RS 12/13 ? (Tnx to K2JF)

July 1 - 31, 1994

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					July 1 RAC Canada Day Contest, 160-6 mtr phone/cw	July 2 Venezuelan Independence Day Contest - 80-10 mtr phone today (July 2) (CW tomorrow - July 3)
July 3 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest - Wilkes- Barre, Pa.	July 4  Hamfest- Bressler, Pa.	July 5 West Coast Qualifying Run 10-40 wpm	July 6  20:00 GCARC General Membership Meeting	July 7	July 8	July 9 IARU HF World Championship ARCI QRP Summer Homebrew Sprint CQ Worldwide VHF WPX
July 10 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfests- Alexander, N.Y. Pittsburgh, Pa. Timonium, Md.	July 11	July 12	July 13	July 14	July 15 W1AW Qualifying Run 10-35 wpm	July 16 AGCW-DL QRP Summer Columbian Independence (pnone/cw) <hr/> Hamfests- Lancaster, Pa. Skanateles, N.Y.
July 17 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Central Atlantic ATV Network, Northeast, Md.	July 18	July 19	July 20 20:15 GCARC Board of Directors Mtg	July 21	July 22	July 23 SEANET CW Contest <hr/> Hamfests- Huntingdon Mills, Pa. Utica, N.Y.
July 24 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest- Indiana, Pa.	July 25	July 26	July 27	July 28 4-H Parking 	July 29	July 30 W1AW Qualifying Run, 10-35 wpm <hr/> Connecticut QSO Party <hr/> RSGB-IOTA Test 80-10 mtrs
July 31 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz						