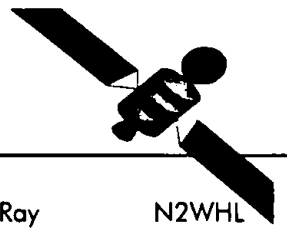




W2MMD



Gloucester County Amateur Radio Club

1995 Officers

President	Marla Bozarth	N2DWR
Vice President	Bob Krukowski	WA2UDO
Treasurer	Al Arrison	KB2AYU
Recording Sec.	Jack Pasternack	KB2RJN
Corres. Sec.	John Fisher	K2JF

Directors

Three-Year	Chuck Colabrese	WA2TML
	Goldie Rosenberg	N2YNB
Two-Year	Joe Wells	N2KLE
	Bill Burbage	N2QEB
One-Year	Walt Seitz, Jr.	KB2JCG
	John Lloyd	KA2EZN

Trustees

Four-Year	Barbara Bielecki	N2SBP
Three-Year	Chris Chamberlin	N2IVN
Two-Year	Charlie Olinda	N2SRQ
One-Year	Stuart Cleveland	N2WUP

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 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)

1995 Committee Chairpersons

Advertising	Ray	N2WHL
ARES/RACES	Chick	WA2USI
Awards	Jack	K2ZA
Banquet	Bob	WA2UDO
Budget *	Marla	N2DWR
Callbook Info.	John	K2JF
Clubhouse Site *	Rich	WA2SIT
Constitution *	Ken	KN2U
Crosstalk	Greg	WN2T
	Don	N2WFM
	Kyle	KB2RVY
Data Processing	Charlie	K2PQD
DX	John	K2JF
Field Day *	Art	KA2DOT
Hamfest *	John	KA2EZN
	Bill	N2QEB
Help	Ken	KN2U
Hospitality *	Glenn	N2YIO
Legislation	John	K2JF
Membership *	Sonny	WB2DXB
Nets	Dave	N2TVR
Nominations	Marla	N2DWR
Publicity *	Ray	N2WHL
Repeaters *	Chuck	WA2TML
Scholarships	Greg	WN2T
Special Services	Al	N2FJQ
Special Events	Walt	WB2OYQ
Sunshine	Miriam	KB2EUA
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)



CROSSTALK

VOLUME 1, NUMBER 1, AUGUST 1995

President's Message

THE HAMFEST is OVER !!!!!
I'd like to thank the three fellows who put alot of hard work and lots of sweat into making the G.C.A.R.C. Hamfest # 1 !!! Our committee heads .. KA2EZN , N2QEB, and KD2JCG put alot of hours getting the committees together to pull the hamfest together to be the BEST HAMFEST on the East Coast !!! Thank you to everyone who came out and gave a few hours of their time.

Nominations for next year's officers begin next month. If you are interested in taking on an official position, please contact "Charlie O" (N2SRQ) or myself. I can't believe that the year is almost over..... I set out to accomplish a few goals, but I am coming up alittle short..... these next few months are going to be hectic... I have to reach my goals by the end of November !!!!!

We have a few programs set up for our General Membership meetings. This month there will be a presentation on packet radio. At the October meeting there will be a presentation on the beginning or the start of nominations for next year's slate. November will feature a presentation on SkyWarn, and the final nominations for 1996. The December meeting will have a short technical discussion. So there you have it hope to see you there !!!

I'd like to thank everyone who came out and supported the club this year. It takes a lot of time and hard work to keep the club running. We need everyone to give at least an hour of his or her time to make the work flow smoothly. If you're one of those who sit back and do nothing but complain, why not come out and take an office and try to make the changes that you would like to see implemented ? Come on out and make your club # 1 !!!!!

We had VERY hot weather during the 4-H Parking, and we

needed the help from the Gloucester County Explorers Club. Without their help, we would have been up a creek !!! It's a shame that we have just about 200 club members, but all that I see are the same 30 people come out and help..... at the club meetings there are about 65 people who come out. I understand that there are some members who are not able to come out for health reasons, but what about the others? Even worse then those who don't volunteer and complain are those who tell the committee heads who are coming out and never show up or call to tell someone that they aren't going to make it !!!!! That puts a strain on the people who are giving their time. Yes, we have had several people do that..... I know that this is a volunteer organization, but if you say that you're going to be somewhere at a specific time, PLEASE call if you can't make it !!!!! If you have a comment (or complaint) you'd better have come out and participated in that event to see how it was run!! Nobody minds constructive criti-

cism..... but YOU better have been out there trying to help out !!!! I guess what I am trying to say is that if you are unhappy about the way things are being done, this is your chance to try and make those changes by coming out and running for an office. If you don't get elected, then approach the President to become a committee head. Support the club by becoming active. If the committee head position has been filled, then go to that person and offer your services !!!! Tell him or her that you are willing to HELP. Don't sit back in your easy chair moaning and groaning because you didn't get elected.... and don't try to make the committee head or the other officers job harder then it is by trying to cause more friction... go with the flow !!!! Help out where ever you can !!!!

As I have said in the past... and as Charlie O has said...."many hands make light work." Don't come in like a bulldozer trying to get your point across..... but try making it in a way that comes across as if you are not putting the other person down, but in a mature manner -- as if you are trying to help better the club, not for your personal satisfaction -- but for the good of the organization.

Oh well... enough preaching! Hope to see you at the September 6 meeting !!!!! (Just think.... the kids are going to be back at school then !!!!!) It IS the happiest

time of the yearas the commercial on TVsays, " See ya'll later" and remember..... GET INVOLVED !!!! 73

—Marla

GCARC AWARDS

GENERAL AWARD

Work 15+ GCARC members on any band, any mode. Endorsement stickers are available for higher increments. Log or tally sheet required.

NOVICE/TECH/TECH+ AWARD:

Work 25+ GCARC members on 10 meters. QSL cards required.

CW AWARD:

Work 25+ GCARC members on CW, any band below 54 Mhz. QSL verification required.

RTTY AWARD:

Work 15+ GCARC members on RTTY, on any band below 54 Mhz. QSL verification required.

UHF/VHF AWARDS

SSB AWARD:

Work 25+ GCARC members on SSB, on any band above 50 Mhz. QSL verification required.

PACKET AWARD:

Work 15+ GCARC members on any band above 50 Mhz QSL ver-

ification required.

RTTY AWARD:

Work 15+ GCARC members on any band above 50 Mhz.

UHF AWARD:

Work 10+ GCARC members, point-to-point simplex on any frequency above 430 Mhz. QSL verification required.

YL AWARD:

Work 10+ GCARC YLs on any band any mode. QSL verification required.

YL TO YL AWARD:

Work 5+ GCARC YL's on any band simplex, except 2Mtr FM. QSL verification required.

Who will be the first one to get all the above awards their qualifications ?

GCARC BIRTHDAYS

HAPPY BIRTHDAY TO THE FOLLOWING FOR THE MONTH OF SEPTEMBER FROM ALL THE MEMBERS OF G.C.A.R.C.

CALL	FIRST	DAY
LAST		
KA2KMW	EDWARD WARGO	4
KB2FR	JOSEPH MITCHELL	5
WB2DXB	SONNY GUTIN	7
KB2PAU	JAMES LANGWORTHY	9
KE2WC	MARK MASTROGIACOMO	12
KB2RGZ	STEPHEN JORDAN	14
N2YIR	JOSEPH GLESSNER	16
N2WHM	JOHN FRITZ	16
N2YIM	WILLIAM HANSCH	17

WB2OZE	JOSE LOPEZ	18
N2DWK	SAMUEL ROSENBERG	19
K2UUY	FRANK RITTER	20
KN2U	KENNETH BOZARTH	22
N2QEB	WILLIAM BURBAGE	23
N2WRJ	JEAN SHISLER	24
W2DWE	DOM FARINELLA	25
NJ2B	HARRYSPIECE	26
WB2NHP	JAMES FREEMAN	26
KB2SVG	EDMUND HOLOHAN	27
WA2QOY	HAROLD BERRY	29

(Average age 54.43 years)
 —Database C. Sketchley,
 K2PQD

Study Fails to Find EMF-Cancer Link

The Council of the American Physical Society (APS) has issued the results of a study entitled "Power Line Fields and Public Health," concerning the potential dangers of cancer from electromagnetic fields that emanate from common power lines and electrical appliances.

The APS concluded that "the scientific literature and the reports of reviews by other panels show no consistent, significant link between cancer and power line fields" and "the preponderance of ... research findings have failed to substantiate those studies which have reported specific adverse health effects from exposure to such fields.

"While it is impossible to prove that no deleterious health effects occur from exposure to any environmental factor," it is necessary to demonstrate a consistent, significant, and causal relationship before once can conclude that

such effects do occur. From this standpoint, the conjectures relating cancer to power line fields have not been scientifically substantiated."

The APS said that billions of dollars are being spent by states and municipalities to mitigate and litigate this perceived problem and "the burden of cost placed on the American public is incommensurate with the risk, if any."

A background report on this issue by David Hafemeister is available on the Internet through APS World Wide Web Home Page at: <http://aps.org>.

From the ARRL Newsletter,
 June 7, 1995.

CROP WALK

—K2JF

Again this year the CROP WALK group is asking for our help. They appreciated us very much last year. This year's walk will be on Sunday, October 15 at 2 pm. It will be a five-mile walk through Pitman. It will also have a one-mile loop. The walk will begin and end at the Sunset Auditorium. A sign-up sheet will be at the Sept. meeting. Thanks for your help.

INFORMATION OR A STORY FOR CROSSTALK?

Please send to WN2T or N2WFM or on Packet to K2JF via KF2AW (145.070). Please mark "Attn: Crosstalk." Deadline for October issue is Sept. 22. Thanks,
 —the Editors.

DX

V2-ANTIGUA-- Bill, KQ4GC, will be signing V2A on 15, 20 and 80 meters emphasizing SSB, maybe some CW. Operation will start Sept. 9. Bill will be using a TS-950 into dipole antennas.
 V7-MARSHALL IS. Art, V73CE, operates on 40 meters from 0930-1100Z and 20 meters at 2100-0100Z several times a week, he prefers CW pileups. V73C is active on all bands CW and SSB and has a very good signal on the low bands and works WARC bands. Ken is found somewhere almost daily.
 YV9-VENEZUELA-- A group of YV will be there calls/YV9 from the jungles of southern Venezuela on Sept 8-10 on 75-10 meters.
 OD5-LEBANON-- Dick, N4ISV, will be QRV from OD5 land. He is awaiting his OD5 call but in the meantime he is using OD/N4ISV. Look for him around 140027 CW after 1900Z.
 HL-KOREA-- HL1CG has been

on or/near 14028 at 1140Z. Del, HL9DC, has been keeping CW boys happy on 14026 at 1145Z. HL9JF has been showing on the 14227 DX net around 1215Z. WJ2O-- Dave, will visit and operate from the following spots: Aug 31-Sept 3, ZP5, Asuncion.. Sept 3-11, XR0Y, Easter Is.-- Sept 11-14, CE, Santiago.. Sept 14-17, LU, Buenos Aires. He will be getting his call signs when he arrives. Easter Is. already is assigned to him.

TT8-CHAD--TT8NU is active daily on 17-30 meters on CW. Watch 10103 at 2010Z and 18085 at 1620Z. QSL via F6FNU. ZF-CAYMANS-- Buzz, N5FTR, will be active from here on Sept. 3-9 on 40-10 SSB (watch 14195). QSL home call. Tnx INSIDE DX, QRZ DX, and other DXers. Well the R7 is up and I must admit it is doing very fine on 40, 30, 17 meters. Not much activity on 12 meters for me to check it out, but I will. C U in the Pile-Ups
—John K2JF

PROPAGATION FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY

Sept. 3-8... Sept. Solar activity is expected to be very low. The geomagnetic field is expected to be mostly quiet

through Sept. 3. An increasing trend is expected to begin on Sept. 4 with active to minor storm levels possible during 5-6 and 9-11 Sept., due to recurrent coronal hole effects. The first sunspot was spotted about a week ago. This could mean that Cycle 22 may be ending sooner than expected and Cycle 23 will start up in 1996. Tnx SESC/
—K2JF.

New Licensing Group Proposed

The following is from **The W5YI REPORT**, Volume 17, Issue # 15 August 1, 1995:

* Jim Wills, N5HCT, Tyler, TX, the amateur who got "Vanity" call signs enacted, has sent a very controversial letter to Newt Gingrich, Speaker of the House of Representatives. He suggests "A quasi-governmental, self-governing and self-funding tax-free organization could be created to handle all the duties of the FCC pertaining to amateur and commercial radio licensing with each VEC holding one seat and having one vote on the board. One member from the amateur radio community at large and one member from the commercial licensed operators at large could be appointed by the Telecommunications Sub-Committee for a

specified term, say six years, to sit on the board with full and equal voting authority as other board members. The Sub-committee would maintain oversight jurisdiction."

Wills recommends that the Amateur Service and commercial radio licensing be removed from the FCC and placed under the auspices of the National Volunteer Examination Coordinators along with all power of enforcement and responsibility to govern and control amateur radio activities and commercial radio licensing.

The new emerging organization would be called the National Radio Licensing Authority (NRLA) and would be supported by fee collection for services rendered. Wills asks that "...all pertinent assets including hardware and software, rules and historical files be transferred to the NRLA. ...All NRLA rulings would carry the full authority of the U.S. Government. All enforcement problems that NRLA could not handle would be turned over to the Justice Department for implementation. ...By taking this action, the FCC could devote its full time efforts and resources to whatever it does."

73, Chris, KD3OA @
KD3OA.PA

ARRL EPA Bulletin Manager>

I Want One!

Would you like a monogrammed Club jacket? Call New Jersey Monogramming in Erial, N.J., at 784-2827. Ask about pricing and custom specifications.

IT'S TIME FOR HIRAM'S BIRTHDAY AGAIN!

0000Z Sept. 2 - 2400Z Sept. 10... s right, the Hiram Percy Maxim Birthday Celebration was such a big hit last year that the ARRL is sponsoring it as an annual event!

This year you will be listening for ARRL officials signing /126 and their League position. What is even better this year is that anyone holding an ARRL Volunteer position also may participate as a special station. This will include VEs, AECs, QSL Bureau workers and awards managers who are League members. Also, if you are a life member of the ARRL, you may sign the special designator.

W1AW will be running a special operation for the September 2-3

weekend with a special QSL card being offered. All you need to do to receive a card is to work 25 League officials during the birthday period. A special certificate will be available with endorsements of up to 125 League official contacts. All stations signing /126 will give RST) and their name.

For more information on the rules and how to get your certificate, see page 58 in the August QST. —(Tnx Old Barney and the Sparc Gap.)

4-H Parking

Id like to thank everyone who came out and participated with the parking for the 4-H. It was disgustingly HOT !!!!! If it weren't for those dedicated people, we wouldn't have had the great return from the 4-H..... We had a record-breaking year !!!! Thank you again..... take a bow !!!!!!! If I somehow omit your name, PLEASE let me know !!! It is an oversight.... I didn't mean to do it !!!! Thanks again !!!!! Out of 190-plus club members, only 32 CAME OUT AND HELPED!!!! Nine family and friends pitched in and gave their time !!!!! We had help from the Gloucester County Explorers.... a portion of the donation that we received from the 4-H will be going to them to show our appreciation for the help that they

gave, since we didn't have enough club members come out and help.

Many thanks to: KN2U, KA2KMW, N2KLE, WA2NPD, KA2EZN, KA2DZF, N2WHL, N2WIA, KA2DOT, KB2ETT, WB2OZE, WA2SIT, K2ZA, N2SRO, N2YIO, WA2UDO, N2QEB, WB2DXB, K2JF, N2RTX, N2YNB, N2DWK, N2IVN, WA2TML, N2SRQ, KB2ODL, N2SBP, N2TXW, N2YIR, N2WIA, N2XHM, N2DWR, DAVID & WILLIAM (DWR & KN2U'S SONS), A.J. BRUCE, LAURA (QEB'S DAUGHTER), KEN (EZN'S SON), BRIAN & KEVIN (WHL'S SONS), DONNA (DOT'S YL), BRENDA (IVN'S XYL) AND J.T (RTX'S SON).

73

—Marla N2DWR.

Power and Range - Did You Know?

At VHF, a one-watt radio talks approximately one mile on flat terrain. Doubling the power increases your range by only 33 percent, but doubling your antenna height increases your range by 50 percent!

The 1-10-100 Rule: One watt will talk ten miles to a hundred foot antenna. Hills, buildings or any other obstructions can reduce

range by 20 percent to 66 percent.

—*ExpressRadio via WorldRadio via AA2KI via AA2PO and The Sparc Gap.*

GCARC FOR SALE

Kenwood TS930S/AT. Good operating condition. Owned by non-smoker. Standard filters with AM standard 6 Mhz. Hand mike. Manuals: Instruction; Technical Information; Service — complete with all pages. Serial # 2100128 — completed updated with new finals by Kenwood NA. Price: \$850.00. Reason I want to sell is that I want to buy a new IC-735. Give me a call if you are interested. or leave a message on KF2AW (145.070).
—*John, K2JF.*

WHO WROTE THE PLEDGE OF ALLEGIANCE?

Ask most people who wrote the Star Spangled Banner, and they'll tell you Francis Scott Key. Ask them who wrote the Declaration of Independence, and many will say Thomas Jefferson. But ask them who wrote the Pledge of Allegiance and most won't know. It's not surprising. Until 1939, not even historians were sure of the

real author. The Pledge first appeared in the September 8, 1892, edition of *The Youth's Companion* as part of the official program for school children throughout the nation to commemorate the 400th anniversary of the discovery of America. The Pledge was first recited at the dedication of the World's Columbian Exposition Grounds at Chicago in October 1892. Two members of the staff of *The Youth's Companion* were Mr. Francis Bellamy and Mr. James Upham. For 47 years the family of each man claimed authorship for him and held evidence to substantiate their claims. Finally on 1939, a committee was appointed to weigh carefully the conflicting evidence. Unanimously, they decided in favor of Francis Bellamy. Unfortunately, Francis Bellamy, an ordained Baptist minister, had died eight years previously. Congress officially designated his work as the Pledge of Allegiance to the Flag on December 28, 1945.

The Pledge of Allegiance, as originally written differs slightly from its present form. In 1923, the phrase, "of the United States of America" was added following "the flag." On Flag Day, 1954, President Dwight D. Eisenhower signed into Law, House Resolution 243 which inserted the meaningful words, "under God," after "one nation."

.... California Freemason

—*From the Collection of Sonny Gutin, wb2dxb*

ARRL TIPS

As announced in March QST, a free year's ARRL membership can be yours by signing up four new members. Details on this membership drive are on page 176 of April QST.

Electronic filing works! Thanks to this new FCC program begun late last year, a prospective ham can learn his or her new call sign and be on the air in as little as two weeks after passing the examination. Call the FCC's Gettysburg, Pennsylvania office (800-322-1117) to determine your new call sign.

—*From the ARRL Newsletter, March 1995.*

Mid-Atlantic Amateur Radio Club Sponsors ILL Ukrainian Ham

It was May of 1992 when Mike Pilotti and Nick Bortnik first met on the amateur radio bands. "CQ North America, CQ North America." This is UX0OZZ in Nikolaev, Ukraine calling and listening."

"UX0OZZ, this is N3IRZ in Phoenixville, PA. How do you copy?" replied Mike Pilotti, a member of the Mid-Atlantic ARC. With that exchange, a unique friendship was born, 5000 miles from each other. During the next several months, Mike and Nick repeatedly and unexpectedly ran into each other while conversing with other ham radio operators.

"It was uncanny, even though there is an eight hour time difference between us, we kept bumping into each other," says Pilotti. "Short-wave radio contacts to far away countries are often professional and businesslike. You exchange information about your radio equipment, the weather, and a signal report and move on to the next contact. Something clicked between Nick and me," continued Pilotti. "We found we have a lot in common. When short-wave conditions permit, we talk for hours." Nick can be heard on 20 meters working the world. Pilotti is now Nick's QSL manager.

Nick, who is 31 years old, is married and the father of a one-year old baby boy, stricken in late 1994 with a strange illness. "You have to remember, the Ukraine lacks medical technology; their hospitals are equivalent to what we had in the U.S. in the 1930s and CAT SCANS and MRIs are non-existent," said Pilotti.

Nick's health continued to decline rapidly. He spoke with Mike weekly and explained that he feared for his life. "It began to gnaw at me: I wanted to help him, but I didn't know what I could do," Pilotti said. He explained to Nick that although he could raise funds for his airfare to and from the U.S., it would be difficult to find a U.S. hospital willing to donate testing and treatment services. However, within a few days, medical and hospitalization assistance were obtained.

Nick is currently obtaining his VISA from the U.S. Embassy in Kiev and Congressman Jon Fox's office is helping to expedite it quickly. Pilotti is trying to raise funds for Nick's airfare. The Mid-Atlantic ARC has agreed to sponsor the trip and has raised and donated half the money required.

Pilotti hopes to raise enough money to bring Nick to the area. While Nick's health is the primary concern, he also would like to bring his wife and child over to keep him company during his hospital stay. If you would like to make a donation to assist with Nick's expenses, donations can be sent to: the Mid-Atlantic ARC, P.O. Box 352, Villanova, PA 19085. Make checks payable to MARC, Attn: Nick.

(The preceding from a news release from Mid-Atlantic ARC, August 7, 1995.)

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September 1 - 30, 1995

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					Sept. 1	Sept. 2 Hiram P. Maxam BD Celebration (2-10) International Straight Key Test Asian DX Test (Fone) Labor Day Sprint LZ DX Test
Sept. 3 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz	Sept. 4	Sept. 5	Sept. 6 <div style="background-color: black; color: white; padding: 5px; text-align: center;">GCARC General Membership Meeting 20:00</div>	Sept. 7	Sept. 8	Sept. 9 ARRL VHF QSO Party European DX Test (Fone) North Amer. Sprint (CW)
Sept. 10 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz Fest-Gaithersburg, MD	Sept. 11	Sept. 12	Sept. 13 YLRL Howdy Days (13-15)	Sept. 14	Sept. 15	Sept. 16 ARRL 10-Ghz Test No. Amer. Sprint (Fone) Scandinavian Act. Day (CW)
Sept. 17 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz Fest-Pennsauken, NJ	Sept. 18	Sept. 19	Sept. 20 <div style="border: 1px solid black; padding: 5px; text-align: center;">20:00 GCARC Board of Directors Mtg</div>	Sept. 21	Sept. 22 <div style="border: 1px solid black; padding: 5px; text-align: center;">Deadline Oct. Crosstalk</div>	Sept. 23 Fest-York, PA (23&24) CQ WW RTTY Test Fall Classic Radio Exchange Scandinavian Act. Day (Fone)
Sept. 24 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz	Sept. 25	Sept. 26	Sept. 27	Sept. 28	Sept. 29	Sept. 30
				