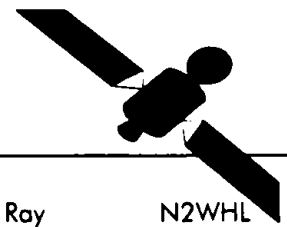




# W2MMD



## 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)

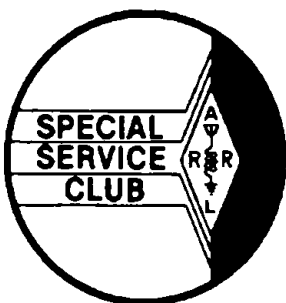
## 1995 Committee Chairpersons

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)



## PRESIDENT'S MESSAGE

Hopefully everyone had an enjoyable Halloween. Just think, Thanksgiving, Christmas and Hanukkah are just around the corner !!! My family wishes your family a happy and healthy holiday season.....

I'd like to remind everyone that this month is the last month that we are taking nominations from the floor for the elections of next year's officers. Come on out and nominate your candidate !!!

Please take this seriously and nominate someone that you was unavoidable. Hopefully soon everything will be straightened out. Thanks to Bob (WA2UDO) for jumping in and taking over! Come on out and join us at the November meeting. I'll be looking for you!!! 73, Marla

A little humor to make your day

Hopefully this kinda thing won't happen in any units we know of.

A COLONEL ISSUED THE FOLLOWING DIRECTIVE TO HIS EXECUTIVE OFFICERS:  
"Tomorrow evening at approximately 2000 hours Halley's Comet will be visible in this area, an event which oc-

curs only every 75 years. Have the men fall out in the battalion area in fatigues, and I will explain this rare phenomenon to them. In case of rain, we will not be able to see anything, so assemble the men in the theater and I will show them films of it."

EXECUTIVE OFFICER TO COMPANY COMMANDER:

"By order of the Colonel, tomorrow at 2000 hours, Halley's Comet will appear above the battalion area. If it rains, fall the men out in fatigues, then march to the theater where this rare phenomenon will take place, something which occurs only once every 75 years."

LIEUTENANT:

COMPANY COMMANDER TO

"By order of the Colonel be in fatigues at 2000 hours tomorrow evening. The phenomenal Halley's Comet will appear in the theater. In case of

rain in the battalion area, the Colonel will give another order, something which occurs once

every 75 years."

LIEUTENANT TO SERGEANT:

"Tomorrow at 2000 hours, the Colonel will appear in the theater with Halley's comet, something which happens every 75 years. If it rains, the Colonel will order the comet into the

battalion area."

SERGEANT TO SQUAD:

"When it rains tomorrow at 2000 hours, the phenomenal 75-year-old General Halley, accompanied by the Colonel, will drive his comet through the battalion area theater in fatigues."

Tnx John, N2WSI

I wish to thank the following for doing



an excellent job on Sunday Oct. 17 for the CROP walk: KB2EAU, KD2CR, KN2U, K2ZA, N2DWR, N2TXW, N2WFA, N2WIA, N2YIO and WA2UDO. I can assure you the effort of the club members was greatly appreciated by the CROP committee and a service to the community by GCARC. That is what Ham radio is all about! Tks, K2JF

### HUBBLE SEES MATERIAL EJECTED FROM COMET HALE-BOPP

New pictures from NASA's Hubble Space Telescope of the recently discovered comet Hale-Bopp show a remarkable spiral "pinwheel" pattern and a "blob" of free-flying debris near the comet's nucleus. Although this comet is still well outside the orbit of Jupiter (almost 600 million miles from Earth) it looks surprisingly bright, fueling predictions that it could become the brightest



comet of the century in early 1997. The Hubble observations will help scientists determine if Hale-Bopp is really a giant comet or rather a more moderate-sized object whose current activity is driven by outgassing from very volatile ice which will "burn out" over the next year.

The bright clump of light along the spiral may be a piece of the comet's icy crust that was ejected into space by a combination of ice evaporation and the comet's rotation, which then disintegrated into a visible cloud of particles. Although the ejected "blob" is about 3.5 times fainter than the brightest portion of the nucleus, the clump appears brighter because it covers a larger area. The debris follows a spiral pattern because the solid nucleus is rotating like a lawn sprinkler, completing a single rotation about once per week.

Ground-based observations conducted over the past two months have documented at least two separate episodes of jet and pinwheel formation and fading. By coincidence, the first Hubble images of Hale-Bopp, taken Sept. 26, immediately followed one of these outbursts and allow researchers to examine it at unprecedented detail. For the first time, they saw a clear separation between the nucleus and some of the debris being shed.

By putting together information from the Hubble images and those taken during the recent outburst using a telescope at the

Teide Observatory (Tenerife, Canary Islands, Spain), astronomers found that the debris is moving away from the nucleus at a speed of about 68 miles per hour. Even more detailed Hubble images will be taken with the Planetary Camera in late October to follow the further evolution of the spiral, look for more outbursts, place limits on the size of the nucleus, and use spectroscopy to study the enigmatic comet's chemical composition.

Comet Hale-Bopp was discovered on July 23, 1995, by amateur astronomers Alan Hale and Thomas Bopp. The Space Telescope Science Institute is operated by the Association of Universities for Research in Astronomy, Inc. (AURA) for NASA, under contract with the Goddard Space Flight Center, Greenbelt, MD. The Hubble Space Telescope is a project of international cooperation between NASA and the European Space Agency (ESA).

Tks, K2JF

**Ideas or a Story for Crosstalk?**

Send to WN2T, KB2RVY directly or to WN2T on Packet via KF2AW (145.07) by Nov. 26, 1995



**G'DAY ALL**

This is a little gem picked up off a recent VK1 WIA Broadcast and highlights some of the problems with disposal of old emergency radio beacons. Read on as I feel people around the world will identify with this one

**NEWS THAT GETS AROUND - VK1WI, CANBERRA**

The inappropriate disposal of emergency radio beacons can prove a real headache for emergency authorities and the SA Peter Bailed, from the SA's Newcastle Office, tells how he tracked down an EPIRB in the latest SA newsletter. On arrival at work, Peter was told that an emergency beacon had been heard in the Port Macquarie area, about 250 km north of Newcastle. After a vehicle was packed with radio direction equipment, he and an assistant headed north. At the same time, the CAA arranged a helicopter to narrow the search area.

Because of poor weather conditions the helicopter was unable to land, but did identify the general locality from which the beacon was transmitting. Eventually the signal was traced to a local rubbish tip. After searching through piles of rubbish in driving rain, a long, thin, and wet EPIRB beacon, half-squashed by a bulldozer was found. The batteries were removed and the unit stopped transmitting.

After a damp and smelly three hour drive home, Peter made the following observations about emergency beacons:-

- \* EPIRBs, especially those used in aircraft, are very durable
- \* The batteries used are top quality, and can run the beacon for days

## DX Report...

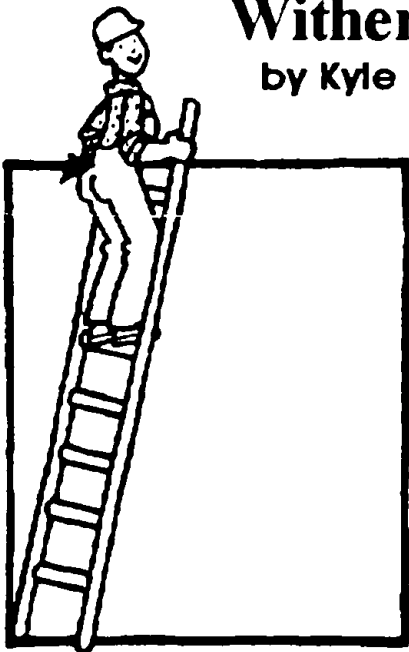
GUYANA...8R1ZG, Eric, will be on the air starting mid Nov. BAHRAIN...A92GD Bob N3NGC is on the air from Manama. All bands all modes-prefers RTTY. U.A.E....A61AF will be active on 30/40 meter CW after the SSB contest. GHANA/BENIN...Look for TY/Call and 9G5RF & 9G5MF. When you work them QSL their home call. About 7 operators will be all over the place. Ghana around Nov 18-20. BARBADOS...8P9HR AND 8P9HU will be on before the CQ WW CW contest. During the contest they will use the call 8P9Z. MELLISH REEF...VK4ALF/9 will be on Frederick Nov 5 for two days.

DON'T FORGET THE THE CQ WW CW CONTEST, NOV 25-26. STARTS 0000 GMT SATURNDAY, ENDS 2400 GMT SUNDAY

Tks K2JF

## Wither Ham Radio?

by Kyle Cassidy, KB2RV



I was first introduced to ham radio in the summer of 1986. Halley's Comet was in the air and I was working nights at the Franklin Institute as an astronomer. My boss, Derrick Pitts, was a ham, as was one of the other astronomers (N2FDV). I didn't think terribly much of it until one night when Derrick was giving directions to a friend, another ham whom he'd never met over his HT. He guided the person through the streets of Philadelphia to the Franklin Institute, to the back

door, into the elevator and right to the observatory. This practical taste of reality cowed me. What could possibly be more useful, fun, and exciting? To be able to say, "Look left. See the guy in the red T-shirt waving? That's me."

I flirted with radio at the time but it was the code which dissuaded me. I was young and easily enthusiastic but it was still relatively difficult to get any dedication out of me. Several years later and another job I again found myself surrounded by hams. N2WUP suggested that I get my ticket and I told him of my earlier interest and how I flopped when it came to code. Stuart explained the rule change to me, sold me a ticket to the hamfest, and six weeks later I was

licensed. Very soon afterwards I passed my general, upstairs in the Franklin Institute where I used to work.

I still get that original excitement when I turn on the radio at 3 a.m. and hear voices or at a hamfest by hundreds of basements full of junk or guiding another ham to my house on the HT, or finding my wife in a crowded shopping mall. I still get that sense of absolute joy when I suddenly notice a 20 meter beam on the top of my next door neighbor's house. Hams are like Masons -

- I'm always discovering that people I've known for years and never suspected are members of our secret society.

I saw Derrick a few months ago. He told me that he's not into radio as much as he used to be -- he doesn't carry his HT around much anymore, but still I can't thank him enough for that spark he set off back in the summer of 1986.



\* Many older (and obsolete) EPIRBs are now reaching the date when battery replacement is required. Retailers are telling people to replace their old beacons with more advanced models. This will result in older units being disposed of. This problem will not go away, and must be managed.

Peter Bailed said that he learnt the following about the tip he visited -

\* Dumps can be bountiful places for the less fastidious. He found 53 percent of an excellent umbrella that kept him 53 percent dry for at least five minutes.

\* Flies can still fly in driving rain.  
\* Most people carefully place their most malodorous donations in garbage bags and seal them up. The contents of the said bags do not improve with age and the application of weeks of sunshine. Many were opened in search of the EPIRB, and the SA officers felt a sense of camaraderie with multitudes of wriggly things whose lives were suddenly disrupted.

\* If the smell is bad enough, you can breathe through your ears.

\* Peter also has a gnawing suspicion that the chopper pilot who was 'unable to land' may have known all these things.

Having spent many afternoons fossicking through the contents of rubbish tips, I can only conclude that many people must have had sheltered childhoods, bereft of the joys of rummaging through other people's garbage and stepping over dead sheep, to extricate that interesting looking bit of metal or electronic gadget from the bottom of the pit.

I guess garbage tips the world over have held the same fascination for fossickers since near the beginning of time. Let's take care with our disposal of these beacons.

Cheers de Phil VK2BPC.....

MSG#TR SIZE TO FROM @BBS  
DATE TITLE  
7559 B# 4046 HUMOR VK2BPC  
USBBS 951011 BEACON PROBLEMS IN VK'LAND  
Forwarding path: WM2F K2ADJ  
WA3NWL WB3CEZ KA3FMO  
N4HHP N4GAA WB0TAX  
KA6EYH W6VIO

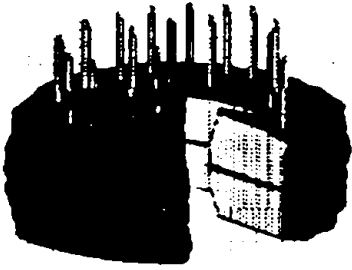
*Would you like a  
Monogrammed  
Club Jacket?  
Call New Jersey  
Monogramming In  
Eric, N.J. at 784-2827*

## DX REPORT



A big one is coming up November: HEARD ISLAND. You want to get this one! Nov 12-Dec 1- VK0- HEARD ISLAND. The call will be given later. Real big operation. All bands, including WARC. Just about all modes. Like the XR0Y operation, E-mail information will be available. When more information becomes available I will give it over the 147.78/18 repeater. IOTA NET.. meets on 14260 kHz at 1300 UTC on Saturdays and on 21260 at 1300 UTC on Sundays. The following frequencies are considered as the meeting place for Island chasers: CW-28040, 24920, 21040, 18098, 10040, 10114, 7030, 3530 kHz. SSB- 28560, 28460, 249550, 21260, 18128, 14260, 7055 and 3765 kHz. Principe Isl.. S92P from Nov 21 to Dec 6. Active all bands + WARC, CW/SSB,RTTY. FAROE IS...OY/OZ5IPA- Nov 1-6, usual DX frequencies. NORFOLK IS.. VK9NFN. DK9FN will be QRV from Nov 4-11 on 160-10, CW ONLY. SAUDI ARABIA..Mike, K3UOC, is again operating 7Z500. Usual DX frequencies. KAMPUCHEA...XU1FL reportedly has a daily sked on 14319, at 1430-1500Z. TUNISIA...3V5A by YT1AD. Nov 22-30 Look for them on 20--

They give other frequency information. Usual DX freq. MYANMAR...XY1HT- A group of fellows will be there thru the CW WW SSB contest and about one week longer. They are around 14180 at 1115 UTC. Expect more from this area. JA1BK, OH2BH,N7NG are training local operators the next couple of weeks. PRINCIPE ISL...S92P will be active Nov 21-Dec all bands + WARC on CW/SSB/RTTY. QSL F6KEQ KERGUELEN...FB1LYF will be on Kerguelen for one year starting in Nov. ANTIGUA...JH1NBN will be QRV Nov. 23-27- QSL home call. EGYPT...SU2MT will be operating for two more months. They will make significant effort on 160 this year. Friday night is preferred. No permission in SU for 10 MHz and 50 Mhz. MALDIVES...Look for 8Q7WD Nov 21-Dec 3. Operation will be CW only on 1827, 3503, 7003, 10107, 14027, 18077, 21027, 24897, 28027 +/- QRM, QSX up. N. MARIANA ISL...KH0AM from Saipan Nov 3-6. Usual DX freq.



## Happy Birthday!

CALL	FIRST	LAST	DAY
K2JF	JOHN M	FISHER	1
K3JGJ	JOE	MC CONAGHY	5
WA2IBZ	HOWARD	MARDER	9
N2JXS	ELEANOR I	MATTISON	10
WA3UVV	CORY G	SICKLES	10
WB2LNR	RAYMOND R	MARTIN	14
N2SIK	CHARLES S	CARRACINO JR	15
N2CFW	GEORGE W	HANKINS	17
N2ASV	RUSSEL	GLANS	24
KB2RCY	STEVEN R	SCHWEGEL	24
KA2DZF	PETER N	BUTLER	29
N2DJN	HANK	BASCH	30

Tks CHARLIE, K2PQD, Database

\* Freudian Virus - your computer becomes obsessed with marrying its own motherboard.

\* PBS Virus - your PC stops what it is doing every few minutes and asks for money.

\* Ted Turner Virus - colorizes your monochrome monitor.

Tnx to the NARC Newsletter and to the Shore Points Amateur Radio Club (SPARC) Newsletter.



TRISTAO 40 FOOT heavy duty tubular tower. Rotating, crank-up, 12 sq. ft. ant. in 60 mph wind. Price \$325 ...Bill N2FZ,

### VIRUS ALERT (RELAX, IT'S A GAG!!)

We have just uncovered an entire new strain of viruses and we want to get this information out as soon as possible.

\* Federal Bureaucrat Virus - divides your hard drive into little units, each of which do practically nothing but all of which claim to be the most important part of your computer.

\* Paul Revere Virus - this revolutionary virus doesn't horse around and warns you of an impending disk attack - one if by "LAN" and two if by "C."

\* AT&T Virus - every three minutes it reminds you what great service you are getting.

\* MCI Virus - every three minutes it reminds you that are paying too much for the AT&T virus.

\* Government Economist Virus - nothing works but all your diagnostic software says everything is fine.

\* Congressional Virus - computer locks up, screen splits vertically with a message appearing on each side blaming the other side for the problem.

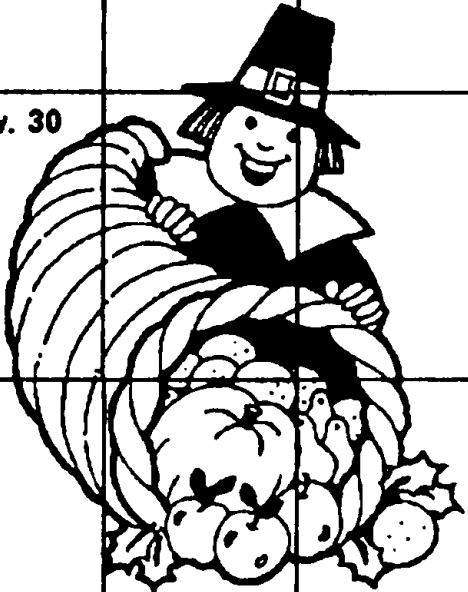
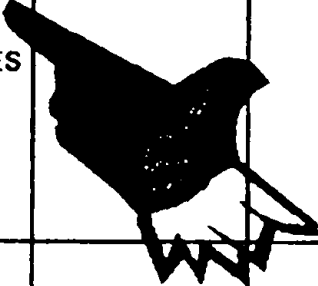
\* Airline Virus - you're in Chicago but your data is in Singapore.

### PUBLIC SERVICE HELP NEEDED 12/3/95

HELP IS NEEDED FOR BRIAN'S RUN -- YES, THE FOOTBALL PLAYER THEY MADE THE MOVIE ABOUT!! THE EVENT, TO BE HELD ON DEC. 3, 1995, WILL REQUIRE ABOUT 20 HAMS AND A NET CONTROL. HAMS ARE ONLY NEEDED FOR THE 10K RUN.. SO IF YOU CAN HELP FOR ABOUT 3 HOURS OR LESS PLEASE PACKET BACK THE CLUB STATION, KB3BJS @AA3CH #EPA.PA.U.S.A.NOAM FOR MORE INFO...73, METRO-COMM, INC. CLUB STATION

Sorry we're late with Xtalk! Virus in computer! Had to reinstall all programs - Ed.

NOVEMBER 1 - 30, 1995

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			<b>Nov. 1</b> GCARC General Membership Meeting 20.00 HA-QRP Test (1-7)	<b>Nov. 2</b>	<b>Nov. 3</b>	<b>Nov. 4</b> ARRL Sweepstakes CW (4-5) ARRL EME Test Int. Police Assoc Radio Club
<b>Nov. 5</b> 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz	<b>Nov. 6</b>	<b>Nov. 7</b>	<b>Nov. 8</b>	<b>Nov. 9</b>	<b>Nov. 10</b>	<b>Nov. 11</b> OK/OM DX Test Worked-All-Europe RTTY Test Fest-Hershey, PA
<b>Nov. 12</b> 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz	<b>Nov. 13</b>	<b>Nov. 14</b>	<b>Nov. 15</b> 20:00 GCARC Board of Directors Mtg	<b>Nov. 16</b>	<b>Nov. 17</b>	<b>Nov. 18</b> ARRL Sweepstakes, Phone (18-20)
<b>Nov. 19</b> 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz FEST-Houston, PA	<b>Nov. 20</b>	<b>Nov. 21</b>	<b>Nov. 22</b>	<b>Nov. 23</b>	<b>Nov. 24</b>	<b>Nov. 25</b> CQ WW DX TEST, CW
<b>Nov. 26</b> 20:00 ARES/RACES 20:30 10 mtr Net - 28.350 Mhz	<b>Nov. 27</b>	<b>Nov. 28</b>	<b>Nov. 29</b>	<b>Nov. 30</b>		
						
	Deadline Crosstalk					