

Wave Front

Official Newsletter of the
**Virginia Beach
Amateur Radio Club**



ISSUE # 284

Amateur Radio Station W4UG

August 2004

Message from the President

Hope everyone is enjoying their summer and taking advantage of the occasional 6 Meter or 10 Meter openings in between mowing the grass and other summer activities. There have been some nice DX stations on the HF bands recently with some nice expeditions set up over the next few months. If you are into local HF communication you can always join us on the 10 Meter net at 0000 GMT (8 PM Local Time) on all Thursday nights with the exception of club meeting nights on 28.400 MHz. This is obviously the time of year to get those antenna projects under control and work out the bugs before the cold weather moves in so if you have anything planned to get up in the air this is the time to do it. If you have a recent project that you are presently working on and want to share your experiences or just want to come see what other members are up to this summer, hopefully you will come join us at the Warrior Grill on August 5th at 7:30 PM. The restaurant is located at 401 North Great Neck Road, VB (498-0323). Just two blocks north of Virginia Beach Blvd in the shopping center. This meeting will be held on the regular meeting night at this location so do not go to Norfolk Academy by mistake, as there will not be a meeting at that location in August. Look forward to seeing everyone at the restaurant.

Mark – KI4VB -
President
ki4vb@arrl.net

**Aug 5 VBARC General
Membership Meeting @
Warrior's Grill**

Aug 14 USS Wisconsin Club
Membership Meeting @
C & M Cafeteria

Aug 17 VA Century Club meeting @
Ryans Steak House

Aug 18 VBARC BOD Meeting @
225 Clearfield Ave, VB

Sep 2 **VBARC General
Membership Meeting -
NEW LOCATION**

Sep 5 ARES Event - Rock and Roll
1/2 marathon on the
Oceanfront.

Sep 18 & 19 VA Beach Hamfest @
Virginian Wesleyan Campus

**REMEMBER THE
VB HAMFEST!
49 DAYS AND
COUNTING.**

**CHANGE OF LOCATION FOR THE
AUGUST 5TH MEETING. WE WILL
HOLD A DINNER MEETING AT THE
WARRIOR'S GRILL, 401 N. GREAT
NECK ROAD. THE RESTURANT
SPECIALIZES IN MONGOLIAN BBQ.
THERE WILL BE A LIGHT
MEMBERSHIP MEETING
FOLLOWING DINNER.**

August Amateur Events Calendar

| | |
|-----------|------------------------------------|
| Aug 7-8 | ARLHS America's Lighthouse Contest |
| Aug 7-8 | NA CW QSO Party |
| Aug 7-8 | 10-10 Summer QSO Party |
| Aug 14-15 | MD & DC QSO Party |
| Aug 20-22 | ILLW Lighthouse/Lightship Weekend |
| Aug 21-22 | NA SSB QSO Party |

Are you a member of the ARRL?

Want to help the club while also supporting an organization that is doing its best to preserve your Amateur Radio privileges? As an ARRL Special Service Club we are required to have 51% of our membership be licensed amateurs and have 51% of our members belong to ARRL. If you have never been a member of ARRL or have let your membership lapse for more than 2 years, VBARC would benefit from you joining ARRL through the club and not sending your membership application directly to ARRL. Although the membership fee will be the same regardless of how you join, VBARC will receive \$15.00 for each new member or for each previous member who signs up who has allowed their membership to lapse for 2 years or greater. Some of the benefits of ARRL membership include – QST Magazine, Technical Information Services, Ham Radio Equipment Insurance, Members –Only ARRL Web Site Features, Outgoing QSL Bureau, Voice in Washington, Operating Awards. Have you been thinking about joining ARRL but just haven't got around to it? See Bob (K4NTO) or myself at the next club meeting for application and details if interested.

Mark – KI4VB
ki4vb@arrrl.net

Field Day 2004 Results

With Field Day 2004 behind us I am happy to report the results that were recently submitted to ARRL. A total of 1685 contacts were made with the breakdown as follows: CW 848, Digital 4, and Phone 833. Our Claimed score was 5,074 with additional 1,750 bonus points claimed. If all goes well and ARRL gives us credit for all the bonus points claimed we should end up with a final 2004 Field Day score of 6,824. In 2003 we had a final combined Score of 4,754 so all that participated should be extremely proud of the improvement made this year. It was truly a club effort and we almost managed a clean sweep on the bonus points. The only bonus points we missed were achieving a Satellite Contact despite great efforts to achieve one from Don (WQ1E). We still claimed the Satellite Station as a non-traditional demo mode so hope all of that effort made and the set up time will still get us 100 points. Unfortunately we did not manage to get an elected official out to the site despite the great efforts by Bill (KI4BBK) who invited all city council members and other elected officials throughout the state and country. I also appreciate the last minute efforts by Bill who provided me with some much needed

bonus point proof required to be submitted as part of our entry despite a recent computer crash he had. I also want to extend a special thanks to Terry (KA8TNF) who also provided me with some pictures used in the bonus point submission. To all those members who participated along with the support of Cox Cable who provided the gas and generators, I want to say thanks on behalf of the club for making Field Day 2004 a big success. I look forward to doing it again in 2005. If you have pictures of the event, please make a copy for me or give them to Bob Zabot. We would like to put them on the VBARC website and eventually Al (WA4TCJ) want to retain them with the other history he has of the club.

Mark – KI4VB - ki4vb@arrrl.net

VBARC Club Store

If you have recently received club equipment that was for sale and have not paid for it, please pay Bob Zabot the amount owed so we can clear your name from our records. Recently we obtained some additional equipment and hope to compile a collective list of available equipment. If you have questions about availability of equipment for sale, see Bob Zabot (K4NTO) or Mark Palsha (KI4VB). We are trying to price the equipment in such a way that you get a good deal and the club benefits from the sale of the equipment. For all of you who have purchased equipment from the club thanks for your continued support of the club.

Mark – KI4VB
ki4vb@arrrl.net

VBARC Store – Equipment for Sale

1. Transceiver, Yaesu FT-102 (includes WARC bands)
\$325.00
2. Drake Station, T4XC transmitter, R4B receiver, MS4 speaker with manuals \$250.00
3. Kenwood Station, Ts-520S transceiver, VFO-520S, MC-50 Mike, DG-5 Digital display all for \$300.00
4. Receiver, Heathkit SB-303 w/manual
5. Transmitter, Johnson Viking I w/Model 122 VFO w/ manual
6. Heathkit VF7401 2 Mtr Digital Scanning Transceiver (1981) w/mike
7. Genave GTX-200 2 Mtr transceiver w/mike & manual
8. Receiver, Realistic DX-150 General Coverage
9. Surplus Radio, CKP-52245A (TCS14)
10. Books
 - a. Surplus Radio Conversion manual
 - b. Radio handbook by Orr, 21st Ed 1978
 - c. ARRL, FM & Repeaters 1974
 - d. ARRL, Hits & Kinks 1968
 - e. ARRL, SSB 1970
 - f. ARRL, Radio Amateur handbook 1973
 - g. ARRL, Radio Amateur Handbook 1979
 - h. Packet handbook 1987

11. Test Equipment

- a. Heathkit Solid state Voltmeter IM-16 w/manual
- b. Heathkit Sine-Square Audio Generator IG-18
- c. Intertech Volt-Ohm meter
- d. Simpson Volt-Ohm meter
- e. Heathkit Autoranging Capacitance Meter w/manual
- f. Heathkit Lab Oscilloscope IO-18 w/manual

12. Miscellaneous

- a. Heathkit Code Practice Oscillator HD-1416A \$10
- b. Homemade Code Practice Oscillator w/key
- c. Micronta 24 Hour Clock \$5
- d. Realistic Nova 67 headset \$5
- e. Pace P5453 SWR meter \$10
- f. Tubes – 15 \$10
- g. Vancove HF1 Stereo Headphones
- h. Turner M+2 microphone
- i. Bencher Key w/Heathkit Umatic Keyer w/manual
- j. Straight key
- k. Cricket 1 Morse Code Key w/manual
- l. Fist Fighter
- m. Tubes – pair of 7034/4X150
- n. Complete Commodore 64 Computer System
- o. Bearcat 210 scanner w/manual
- p. Bearcat BC-140 10 channel scanner w/manual

If you see any equipment that you would like to have please get in touch with Mark KI4VB or Bob K4NTO

VBARC MEETING HIGHLIGHTS JULY 1, 2004

Meeting was called to order at 7:30 p.m. by Mark, KI4VB, followed by self introductions with 26 members and guests attending.

Pictures of Field Day were shown followed by a discussion of the weekend. A video of an explanation of BPL, followed by a video of Walter Cronkite from the ARRL, was also shown. Bill, KI4BBK asked everyone to write letters to the House and Senate about a broadband bill. Call him for more information. Bob, K4NTO read the Secretary's report and Treasury's reports. Both were accepted as read. Lew, W4BLO, reported the Virginia Beach HamFest will need help and if you know of a dealer for the show, please let him know. Al, WA4TCJ reported that ARES needs volunteers for September 5 Rock-N'-Roll Half-Marathon and also on September 19 for the Sandman Triathlon. If you can help, please contact Al. Bob, K4NTO, said that the newsletter has been put on the website.

The August meeting will be held at the WARRIORS GRILL in Virginia Beach. 50/50 for \$17.00 was won by Allen, KG4ZIM and donated back to the club. Thank you to Allen. There were three drawings for donated gift certificates. One was for a \$25 Farm

Fresh gift certificate (won by Terry's Dad), the second was for dinner for 2 at the Warrior's Grill (won by Allen), and the third one was for the London Bridge Td. Co. (won by Linda Crawford). A motion to adjourn was made by Bill, KI4BBK and seconded by Stew, KG4KJW. The meeting was adjourned at 9:00 p.m.

Submitted by,

Melessa, KC4FBR

VBARC BOD MEETING HIGHLIGHTS JULY 21, 2004

President Mark - KI4VB called the meeting to order at 7:35 p.m. Attending were Jim – AG4XT, Ruth – KB4LIF, Bob – K4NTO, Al – WA4TCJ, Bill – WA4EUL, Judy – W4JJY, Ron – W8RJL, and Keith- KG4ZXX. The Secretary's minutes and Treasurer's reports were submitted and approved with modifications.

Committee Reports: Field Day: - Mark is waiting for the final supporting documentation from Bill – KI4BBK before submitting everything to ARRL before the deadline. Field Day T-shirt sales worked out very well as pre-sales only. A report will be written up as to what did and did not work (i.e. generators, gas, picnic) for the future Field Day chair-people. VA Beach HAMFEST - It was noted that if the VBARC members had access to tickets now, the sales could start and could drum up business and interest now. Ron stated that he would contact Wally about the advance tickets. Mark is also going to check into the feasibility of giving exams during the HAMFEST and whether to include walk-ins. Club Roster: Membership information is up to date for the club roster. ARES: Just a reminder that there are two main events in November – Rock & Roll Half Marathon and the Labor Day Triathlon. August Dinner Meeting will be at the Warrior's Grill in Haygood Shopping Center.

Old Business: Equipment: All radio and electronic equipment not currently spoken for will be placed for sale at the VBARC table at the VA Beach HAMFEST. After that it will go on to the bidder's table at the auction in October. Anything left over will go for sale on EBAY. Business Cards: Jim – AG4XT, is going to check with our printer about updating the current VBARC business cards and bringing them up to date. Bob is going to obtain information on the ARRL new membership rebate for the next BOD meeting.

New Business: Programs for the remainder of 2004: August – Social Dinner Meeting at the Warrior's Grill, September- History of Virginia Beach ARES, structure of ARES, and VBEARS; October – Auction and nominations for Ham of the Year, November- Talk by the FCC representatives? Ongoing Activities for the remainder of the year include planning classes in conjunction with CARS and PARC for all three-license levels. Plan to have someone teach hands-on activities (i.e. soldering circuit boards). Include Butch – KE4AZL to give us the latest report on Angel Flight.

No announcements – meeting adjourned at 9:15 p.m.

Ruth Bigio, KB4LIF
Secretary

VBARC 2004 Membership

| <i>Class</i> | <i>Call</i> | <i>Name</i> | <i>Address</i> | <i>Phone</i> |
|--------------|-----------------|-----------------|---|--------------|
| Advertiser | | Hilton Sport & | 10219 Warwick Blve, Newport News, VA 23601 | 757 594-0733 |
| Advertiser | | Mobile | 5033 Virginia Beach Blve, Virginia Beach, VA | 757 490-7166 |
| Associate | | Williams, Janie | 3881 Windsor Gate Road, VA Beach, VA 23452 | 757 486-3597 |
| Associate | Jenning, Robert | | 3717 Gladstone Dr., VA Beach, VA 23452-3101 | 757 498-3842 |
| E | WA8 AHV | Finkle, Steve | 240 Victoria Drive, VA Beach, VA 23452 | 757 486-5360 |
| G | WD4 AHX | West, Don | 1912 Eastborne Dr, VA Beach, VA 23454 | |
| T | KE6 ATS | Marks, Nick | 1438 Back Cove Rd., VA Beach, VA 23454-1710 | 757 412-4540 |
| E | WS9 B | Moore, Tom | 4746 Old Hickory Road, VA Beach, VA 23455 | 757 464-3482 |
| G | KI4 BBK | Huntman, Bill | 2061 Antelope Place, VA Beach, VA 23456 | 757 |
| G | KI4 BBL | Doughty, Greg | 1621 Cottenham Ln, VA Beach, VA 23454 | 757 426-2391 |
| A | N4 BBT | Boyter, Larry | 1605 Notley Dr., VA Beach, VA 23456 | 757 467-7813 |
| E | WA4 BDO | Russell, Clyde | 1805 Sunset Dr, Norfolk, VA 23503 | 757 587-2547 |
| T | KI4 BKG | Huntman, Mary | 2061 Antelope Place, VA Beach, VA 23456 | 757 |
| G | KG4 BKP | Meek, Alan | 3305 Turtle Rock Dr, VA Beach, VA 23452 | 757 368-7783 |
| G | W4 BLO | Steingold, Lew | 1008 Crabbers Cove La., VA Beach, VA 23452 | 757 486-3800 |
| N | KB4 BPC | West, Rebecca | 1912 Eastborne Dr, VA Beach, VA 23454 | 757 426-2004 |
| E | K4 BW | Sprague, W. A. | 24113 Maxwell Street, Parksley, VA 23421-2133 | 757 665-4311 |
| E | W4 CAC | Clements, Carl | 4405 Wake Forest Rd, Portsmouth, VA 23703 | 757 484-0569 |
| T | KI4 CAW | Quave, Matthew | 1745 10TH ST, Norfolk, VA 23521 | 757 537-8085 |
| E | WA8 CFU | Gossett, Roger | 2333 Kingsman Arch, VA Beach, VA 23453 | 757 427-3043 |
| G | WB0 CIH | Buringa, Roger | 4768 Longmont Rd., VA Beach, VA 23456 | 757 474-2616 |
| A | KA4 CRJ | Kolb Jr., Grady | 1757 Templeton Lane, VA Beach, VA 23454 | 757 496-2811 |
| E | KA1 DBE | Hanscom, Jeff | 3528 Chester Street, VA Beach, VA 23462 | |
| A | W9 DJQ | Lilla, Lynn | 848 Stacey Pl., VA Beach, VA 23464 | 757 479-1597 |
| T | K4 DKR | Ramey, Dennis | 4 Timberland CT., Portsmouth, VA 23703 | 757 484-4067 |
| T | KE4 DRA | Roe, Linda | 525 Heather Drive, VA Beach, VA 23462 | 757 499-5426 |
| T | KE4 DRB | Roe, Jack | 525 Heather Drive, VA Beach, VA 23462 | 757 499-5426 |

| <i>Class</i> | <i>Call</i> | <i>Name</i> | <i>Address</i> | <i>Phone</i> |
|--------------|-------------|-------------------|--|--------------|
| A | KN4 DV | Ireland, Cliff | 1601 Stillwood St, Chesapeake, VA 23320-0628 | |
| E | WQ1 E | Stevens, Don | 5116 Hillcrest Lane, VA Beach, VA 23464 | 757 343-1134 |
| A | KS4 EB | Davidson, Bill | 5288 Janet Dr., Norfolk, VA 23513 | 757 857-6519 |
| T | KE4 EBK | Stone III, Meade | 223 63rd Street, VA Beach, VA 23451 | 757 425-3827 |
| E | KU4 EC | Leland, Gordon | 5204 South Lake Road, VA Beach, VA 23455 | 757 |
| E | KA4 EDI | Gwaltney, James | 3419 Virginia Beach BLVD #105, VA Beach, VA | 757 498-4440 |
| E | KQ4 ET | Michello, Joel | 228 Matt Lane, VA Beach, VA 23454 | 757 422-6847 |
| G | K4 EUF | Cromwell, Fremont | 5024 Churchill Ct., VA Beach, VA 23464 | 757 495-0411 |
| T | KG4 EUI | Clark, Howard | 3490 Smokey Chamber Rd, VA Beach, VA 23462 | 757 463-7878 |
| A | WA4 EUL | Holland, Bill | 833 Earl of Chesterfield Ln, VA Beach, VA 23454 | 757 481-5998 |
| P | KC4 FBT | Hughes, Jesse | 3287 Long Hill Road, VA Beach, VA 23452 | 757 486-3535 |
| A | WB4 FOL | Haynes, Jeanie | 1745 Greenhouse Rd, VA Beach, VA 23455 | 757 464-6782 |
| G | K4 FSO | Bell, Clyde | 800 Winston Salem Avenue, VA Beach, VA 23451 | 757 428-6286 |
| T | KF4 FYE | Ireland, Heather | 1601 Stillwood St, Chesapeake, VA 23320-0628 | |
| E | WA4 GDB | Schmidt, | 501 Taldan Court, VA Beach, VA 23462 | 757 499-2403 |
| A | K4 HBE | Wiltshire, Ken | 4553 Good Adams La., VA Beach, VA 23455-4939 | 757 460-0919 |
| A | KV4 HB | French, Justin | 2701 Bach Lane, VA Beach, VA 23456 | 757 689-2755 |
| T | KG4 HGX | Cath, Sim | 1513 Rosewood Ct, VA Beach, VA 23464 | 757 479-9156 |
| | G4 HIY | Burke, Brian | 12 Evesham Grove Hurworth-on-Tees, Darlington Co. Durham, DL2 2YE ,GREAT BRITAIN, 01325-721669 | Not Give |
| E | KF6 ILA | Campbell, Duncan | USS Kearsarge, FPO, AE 09524 | 757 681-8233 |
| T | KD4 ILS | Armstrong, Rose | 428 Spurlane Circle, Chesapeake, VA 23320 | 757 482-7513 |
| G | W4 JJY | Young, Judy | 2301 Kingsman La., VA Beach, VA 23456 | 757 427-5695 |
| E | N4 JSP | Henry, Bill | 2949 Summerhaven Road, VA Beach, VA 23451 | 757 481-3974 |
| T | KF4 JVF | Campbell, Carolyn | USS Kearsarge, FPO, AE 09524 | 757 681-8233 |
| A | KE4 KDY | Howell, Keith | 3749 South Blvd, VA Beach, VA 23452 | 757 631-4713 |
| A | KV4 HD | French, Lynn | 2701 Bach Lane, VA Beach, VA 23456 | 757 689-2755 |
| T | KG4 KJW | Smokler, Stewart | 4605 Cornet Ave, VA Beach, VA 23455 | 757 464-0009 |

| <i>Class</i> | <i>Call</i> | <i>Name</i> | <i>Address</i> | <i>Phone</i> |
|--------------|-------------|---------------------|--|--------------|
| E | KN4 KL | Williams, Edwin | 3881 Windsor Gate Road, VA Beach, VA 23452 | 757 486-3597 |
| G | KA4 KMU | Durant, Michael | 1545 Hummingbird Ln, VA Beach, VA 23454 | |
| | KC4 KNA | Hauger, Rodney | 173 Commodore Dr, Norfolk, VA 23503-4801 | 757 587-7326 |
| A | K4 KU | Belton, Ed | 4625 Thoroughgood Drive, VA Beach, VA | 757 464-0979 |
| E | W4 KWH | Herron, Kevin | RE Division Box 63, FPO, AE 09524-0063 | 757 416-9253 |
| G | WA KXV | Burkett, Wally | 242 Raintree Road, VA Beach, VA 23452 | 757 486-1555 |
| G | KB4 LIF | Bigio, Ruth | 1653 Tallwood Street, Norfolk, VA 23518 | 757 583-1703 |
| A | KI4 LO | Crawford, Linda | 297 Citation Drive, VA Beach, VA 23462 | 757 497-1235 |
| T | KG4 LQB | Speakman, Bob | 5232 Prestwick St, VA Beach, VA 23464 | 757 502-0230 |
| E | AG4 MQ | Lavezza, Bernie | 411 Oaklette Drive, Chesapeake, VA 23325 | 757 |
| A | K4 MRX | Hoover, Merl | 4819 Kempsville Green, VA Beach, VA 23462 | 757 495-4401 |
| T | KD4 NFX | Scott, Michael | 5424 Glams Court, VA Beach, VA 23464 | 757 420-2039 |
| T | KF4 NHJ | Carlton, Anne | 165 Launch Landing Road, Moyock, NC 27958 | 252 232-2655 |
| G | KF4 NMK | Workman, David | 1757 Mill Landing Rd., VA Beach, VA 23457 | 757 721-6291 |
| G | K4 NTO | Zabot, Bob | 4513 Old English Cir, VA Beach, VA 23455 | 757 460-5333 |
| E | KS4 OJ | Carlton, Joseph | 165 Launch Landing Road, Moyock, NC 27958 | 757 471-5968 |
| G | N4 OJI | Henry, Deborah | 2949 Summerhaven Road, VA Beach, VA 23451 | 757 481-3974 |
| E | KD4 OS | Stine, Emmett | 1269 Parkside Place, VA Beach, VA 23454 | 757 481-7277 |
| E | K4 PRB | Buckwalter, | 4 Timberland CT., Portsmouth, VA 23703 | 757 484-6047 |
| G | KG4 PWB | Riddick, Joe | 2701 Dix's Inlet Rd., VA Beach, VA 23452 | 757 463-5960 |
| G | N4 QJK | Herron, Connie | 1936 Big Boulder Drive, VA Beach, VA 23456 | 757 416-9253 |
| G | K3 QQN | Geisnger, Gerald | 252 Rocky Mount Rd, VA Beach, VA 23452 | 757 |
| E | KG4 QWA | Gentry, Gerald | 949 Beryl Ave, VA Beach, VA 23464 | 757 420-7164 |
| E | W8 RJL | Young, Ron | 2301 Kingsman La., VA Beach, VA 23456 | 757 427-5695 |
| A | KC6 RKO | Marks, H. L. | 1438 Back Cove Rd., VA Beach, VA 23454-1710 | 757 412-4420 |
| E | KG4 RMM | Ejma, Andrew | 548 Summit Ridge Dr, Chesapeake, VA 23322 | 757 546-5698 |
| A | KI4 RQ | Maccullagh, Richard | 4640 Hermitage Road, VA Beach, VA 23455-4328 | 757 460-1558 |
| G | W4 RWD | Dezern Jr, Ray | 424 Oak Grove Rd., Norfolk, VA 23505 | 757 489-3754 |

| <i>Class</i> | <i>Call</i> | <i>Name</i> | <i>Address</i> | <i>Phone</i> |
|--------------|-------------|--------------------|---|--------------|
| T | KC6 RWS | Marks, Jane | 1438 Back Cove Rd., VA Beach, VA 23454-1710 | 757 412-4540 |
| A | KA1 RX | Bartlett, Art | 3605 Britt Terrace, VA Beach, VA 23452 | 757 486-5795 |
| E | KO4 SJ | Williams, Jeremy | 3881 Windsor Gate Road, VA Beach, VA 23452 | 757 486-3597 |
| T | KG4 SJB | Palsha, Jackie | 1509 Seaford Cove, VA Beach, VA 23464 | 757 474-4661 |
| | KG4 SNZ | Charles Cox | 1221 Handel Drive, Virginia Beach, VA 23454 | 757 721-0601 |
| T | KF4 SQE | Ward, Kimberly | 4400 Silverleaf Dr., VA Beach, VA 23462 | 757 557-0062 |
| G | WA SQL | Armstrong, Robert | 428 Spurlane Circle, Chesapeake, VA 23320 | 757 482-7513 |
| T | KD4 SVK | Scott, Sharon | 5424 Glams Court, VA Beach, VA 23464 | 757 420-2039 |
| T | KE4 TCH | Sands, Kathryn | 699 Baal Ct., VA Beach, VA 23464 | 757 523-1645 |
| E | WA4 TCJ | Crawford, Al | 297 Citation Drive, VA Beach, VA 23462 | 757 497-1235 |
| A | WA4 TDI | Lenihan, Joseph | 1504 Virgilina Ave, Norfolk, VA 23503 | 757 587-9107 |
| A | W4 THN | Fix, Vernon | 4841 Princess Anne Road, VA Beach, VA | 757 495-1541 |
| T | KA4 TMS | Frydenlund, | 3917 Waterside Ct., VA Beach, VA 23452 | 757 463-8090 |
| G | KA8 TNF | Buzzard, Terry | 716 Fiona Lane, VA Beach, VA 23464 | 757 938-9519 |
| E | K4 TQ | Williams, | 824 Moffat Lane, VA Beach, VA 23464 | 757 495-1627 |
| G | KG4 TZR | Rogers, John | 2696 Cantwell Rd, VA Beach, VA 23456 | 757 427-2611 |
| T | KE4 UDY | Larsen, John | 312 W. Chickasaw Rd., VA Beach, VA 23462 | 757 497-2121 |
| T | KW4 USA | Taylor, Bradley | 712 Kempsville Rd, VA Beach, VA 23462 | |
| E | KI4 VB | Palsha, Mark | 1509 Seaford Cove, VA Beach, VA 23464 | 757 474-4661 |
| A | KQ4 VQ | Boose, Tom | 5749 Cheyenne Circle, VA Beach, VA 23462 | 757 499-2738 |
| | KD4 VRF | Williams, Kevin | 5022 Holly Ridge Drive, Raleigh, NC 27612 | |
| E | N2 WCR | Hockler, John | 1129 Valmire Dr, Chesapeake, VA 23320 | 757 436-1875 |
| E | KG4 WOJ | Rogers, James | 625 Washington Drive, Chesapeake, VA 23322 | 757 549-6460 |
| E | W1 WTG | Chapman, Charlie | 105 Wigton Ct., VA Beach, VA 23452 | 757 340-8812 |
| G | N4 XDR | Williams, Victoria | 5022 Holly Ridge Drive, Raleigh, NC 27612 | 919 786-9835 |
| E | AG4 XI | Casiello, Andrew | 704 Southwood Dr, Chesapeake, VA 23322 | 757 410-3208 |
| E | AG4 XT | Lindsey, James | 1128 Birnam Woods Drive, VA Beach, VA 23464 | 757 523-6304 |
| G | N4 XYZ | Knight, Dave | 920 Old Homestead La., VA Beach, VA 23464 | 757 523-0913 |

| <i>Class</i> | <i>Call</i> | <i>Name</i> | <i>Address</i> | <i>Phone</i> |
|--------------|-------------|--------------------|---|--------------|
| E | KD4 YLX | Stone Jr., Meade | 223 63rd Street, VA Beach, VA 23451 | 757 425-3827 |
| E | KD4 YLX | Stone Jr., Meade | 223 63rd Street, VA Beach, VA 23451 | 757 425-3827 |
| E | W4 YNP | Van Houten, George | 2035 Echo Cove, VA Beach, VA 23454 | 757 481-7454 |
| G | K4 YVX | Brimer, Maurice | 8420 Nathan Av., Norfolk, VA 23518 | 757 588-7906 |
| G | KF4 YZY | Alberson, Neal | 6104 Adelphi Circle, VA Beach, VA 23464 | 757 424-9359 |
| P | KF4 ZAC | Simons, Donald | 3840 Little Neck Pt., VA Beach, VA 23452 | 757 486-6774 |
| A | WB4 ZAI | Hillers, Roger | 3309 Old Kirkwood Dr, VA Beach, VA 23452 | 757 486-7680 |
| T | N0 ZEI | Braham, Don | 3800 Chelwood La., VA Beach, VA 23452 | 757 486-7560 |
| E | KG4 ZIM | Waters, Allen | 665 Harris Point Dr, VA Beach, VA 23455-4775 | 757 456-5627 |
| T | KG4 ZXK | Ainsley, Keith | 3313 Clover Hill Dr, Portsmouth, VA 23703 | 757 966-5011 |
| E | W4 ZYT | Lynch Jr., Don | 1517 West Little Neck Rd., VA Beach, VA 23452 | 757 486-0728 |

VBARC 2004 Membership, July 29, 2004

Page 5 of 5

SUPPORT OUR ADVERTISERS



"join the mobile multimedia evolution"
audio, video, security...and more

Va. Beach Branch
5033 Virginia Beach Blvd.
Va. beach Va. 23462
phone 757-490-7166
fax 757-490-3284

Locations in:
Virginia Beach, Va • Richmond, Va • Raleigh, NC • Triad Area, NC • Charlotte, NC

MOBILE ENVIRONMENTS

FOR ALL OF YOUR MOBILE INSTALLATION NEEDS.
RADIOS & ANTENNAS INSTALLED IN ALL VEHICLES.

HILTON SPORT and HOBBY SHOP

Licensed Federal Firearms Dealer
Rifles • Shotguns • Handguns • Ammunition

Amateur Radio Gear
Sales • Consignment
Estate Purchases

Tue - Sat
11AM - 6PM

Website - www.hiltonsport.us
E-mail - hiltonsport@aol.com
Ph/Fax - 757-594-0733
Ph - 757-719-3172

GARY E. DOHEY-N4ZCC
10219 Warwick Blvd
Newport News, VA 23601

HILTON SPORT & HOBBY SHOP

SELLING A FULL LINE OF ANTENNAS, BOOKS AND
STATION ACCESSORIES FOR THE HAM SHACK

Dead Electrical Dudes No. 5

Philip Neidlinger (KA4KOE)

This Month's Stiff: Georg Simon Ohm

Entered Mortal coil: 16 March 1789

Assumed Room Temperature: 6 July 1854



Georg Simon Ohm

One of the favorite movies of my misspent youth was National Lampoon's Animal House. In this film, we see fraternity boys carousing, drinking, womanizing, gambling, and generally not taking anything seriously. Not surprising is the fact that most of the boys have abysmal grades, and that their fraternity has been placed on "super secret" probation. Georgy would have fit right in. Ohm's father, Johann, was a self-educated working class man, i.e. blue collar, who had apparently busted his chops getting Georgy into Erlangen University. The old man was fed up with rumors of his son's excessive dancing, ice skating, and pool playing. After only three semesters, Georgy was pulled out of school and sent to Switzerland where he more or less had to grow up.

What followed after this enforced leave of absence from Erlangen was a series of unsatisfying teaching posts as young Ohm drifted through life. All he wanted was a full professorship at a prestigious institution. Ohm further educated himself and conducted independent research while holding a teacher's position at the Jesuit Gymnasium of Cologne starting in 1817. Publishing his research, Georgy realized, would get him that coveted post....and research he did! In 1827, after a considerable amount of labor, head scratching, and experimentation, he published his results in the paper Die galvanische Kette, mathematisch bearbeitet. This was quite a mouthful, even in German (read Mark Twain's essay, "The Awful German Language", if you really want to laugh). Anyway, the end result of all that formal written Hun verbosity was

$$E = I \times R$$

Volts = Amperes times Ohms.

This simple little formula defines all things electrical and electronic. If you don't know it, learn it, or at least do a little bit of research on your own. I can't do everything for you kids, okay?

Unfortunately, this electrical thunderbolt out of the blue went largely unnoticed, and Ohm's theory was greeted with less than rampant enthusiasm from his professional peers. In 1841, the Royal Society awarded Georgy the Copley Medal, acknowledging his contributions in electrical research. In 1852, Ohm achieved his lifelong dream and became the Chair of Physics at the University of Munich. The Reaper had the last laugh as poor Ohm only got to enjoy the fruits of his labor for two years before being mowed down by the aforementioned Reaper's scythe in 1854. Poor Georgy!!!!

Ohm's Theory is now Ohm's Law. Learn it. Live it. Don't ever forget it!!!

Philip Neidlinger, PE

KA4KOE

References: Mark Twain, "The Awful German Language", <http://www.bdsnett.no/klaus/twain/>



ARRL
c/o Virginia Beach Amateur Radio Club
P.O. Box 62003
Virginia Beach, Virginia 23466

Non-Profit Org.
U.S. Postage
PAID
Norfolk, Virginia
Permit No. 2283

ISSUE # 284 August 2004

Next Meeting:
August 5th, 7:30PM
Warriors Grill at
405 N. Great Neck Rd,
Va Beach
two blocks north of Va
Beach Blvd on left

Talk-in 146.97



VBARC 10 Meter Net - Thursday @ 8:00PM - 28.400 SSB!
Hampton Roads Public Service Net - Nightly @ 2100 - 146.970
Skywarn Net - Friday @ 1900 - 146.850
CARS 10 Meter Net - Mondays @ 2000 28.400
Portsmouth Ragchew Net - Mon & Wed @ 1930 - 146.85

VBARC INFORMATION

Club Officers:

| | | | |
|------------|-------------|--------|----------|
| President: | Mark Palsha | KI4VB | 474-4661 |
| Vice-Pres: | Jim Lindsey | AG4XT | 679-5355 |
| Treasurer: | Bob Zabol | K4NTO | 460-5333 |
| Secretary: | Ruth Bigio | KB4LIF | 583-1703 |

Board Members:

Past President - vacant

Board Members: Al-WA4TCJ, Lew-W4BLO, Bill-WA4EUL,
Ron-W8RJL, Judy-W4JJY, Stewart-KG4KJW and Keith-KG4ZXK

Club Dues - due annually in January; \$15 Regular, \$18 Family,
\$8 Associate Memberships. Pay at Meeting or mail to the club
mailing address on the right.

Amateur Class - Jim, AG4XT

Club Historian - Linda Crawford, KI4LO 497-1235

Club Custodian - Al Crawford, WA4TCJ, 497-1235

Public Service Coordinator - Al Crawford, WA4TCJ, 497-1235

Editor WAVE FRONT & the Website - Bob Zabol K4NTO

- Snail mail articles to Club Address,

- contact at home 460-5333

- E-Mail to: K4NTO@cox.net.

Virginia Beach Ham Fest Info. - Lew Steingold, W4BLO, 486-3800

W4UG Trustee - Ron Young W8RJL

WEBSITE: <http://www.VBARC.com>

Club Mailing Address:

Virginia Beach Amateur Radio Club, Inc.

P.O. Box 62003

Virginia Beach, VA. 23466

email: VBARC@cox.net

The **WAVEFRONT** is the monthly newsletter of **W4UG**.

publishing complements of:

