



Gordon West and Ken Neubeck Visit HOSARC

Two amateur radio superstars, Gordon West, WB6NOA, and Ken Neubeck, WB2AMU, attended the January general membership meeting at the Hall of Science. Gordon and Ken are both accomplished authors and ham radio operators. Ken is the author of, *Six Meters A Guide to the Magic Band*, which is considered the bible for six meter addicts. Gordon has numerous books to his credit; he is probably best known for his amateur radio school, The Gordon West Radio School, and his series of FCC exam preparation

books and instructional audio/video tapes. Both Ken and Gordon are editors of CQ Magazine and co-authored the recently published book, *VHF Propagation A Practical Guide for Radio Amateurs*.



Chairman Tom Golero, KC2CBA, welcomes Gordon, WB6NOA, to HOSARC.

Gordon and Ken presented the topic of VHF propagation. They covered the science behind VHF propaga-

tion; how and why it works.

Satellite communication technology halted many atmospheric studies sponsored by the federal government, but amateur radio operators have

kept this field of science alive and have learned the art of long range communication through an understanding of the interaction between the sun and the sky. Gordon played audio of many unusual band openings and everyone at the meeting marveled at the sound of the aurora and learned how to use the aurora as a mirror to bounce VHF signals to other parts of the globe.



Ken, WB2AMU, discusses propagation and how signals move across the earth.

HOSARC Member Gets Cell-phone Ticket for Using Amateur Radio



You can get a cell-phone ticket while using your mobile or handheld radio while driving your car! The mobile telephone driving restriction is not supposed to apply to amateur radio operators. However, many law enforcement

personnel and judges, as you will read, are still confused about the application of the law. This confusion is exacerbated by their lack of understanding of amateur radio and its important public safety role.

On May 12, 2005 at approximately 7:45am, W2JLH was driving home from work along 23rd Street and the FDR drive in Manhattan while speaking to a number of other hams on the WB2HWW repeater when he was pulled over

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THE AMATEUR'S CODE

The Radio Amateur is:

<i>Considerate</i>	<i>Loyal</i>
<i>Progressive</i>	<i>Friendly</i>
<i>Balanced</i>	<i>Patriotic</i>



Famed Authors West and Neubeck Meet with Club

Those in attendance had an opportunity to have their copy of *VHF Propagation* personally autographed by Gordon and Ken. In addition to the book, a companion audio compact disc was available that contained many live demonstrations of strange and sometimes freakish VHF propagations. The audio disk is proof positive of the potential of this segment of the band and what can be accomplished by any ordinary ham with ordinary equipment and some understanding of atmospheric science.

Gene, K2KJI, owner of KJI Electronics made a cameo appearance and introduced our club members to the new frontier of digital amateur radio, D-Star. This is a new and exciting

digital form of communication developed by the Japanese Amateur Radio League. It employs an open digital protocol which enables any manufacturer to develop products to take advantage of the new digital mode. This new mode enables

both voice and data to be sent between radios either directly (simplex) or through a D-Star repeater. Gene has a D-Star repeater in operation at the top of the Empire State Building. He also has a D-Star radio in his shop for hams to experiment with and have fun. This new mode is expected to liven up the usually quiet 1.2Ghz band and give hams more options to interface their computers with their radios.

Gordon, Ken, and Gene made for a great evening. Everyone in attendance was so excited to listen and interact with these ham radio celebrities there was no time left that night for regular club business. A special thanks to Gordon West for traveling all the way from the west coast to visit HOSARC. We hope he and Ken can visit us again next year!



Gordon West operates the club's HF station, WB2JSM, in the Hall of Science.

W2JLH Gets Cell-Phone Ticket While Using ICOM 208H



by an unmarked police car. The officer explained to W2JLH that he was pulled over for using a cell-phone while driving and proceeded to issue a traffic ticket, despite an explanation by W2JLH that his Icom 208H is not a cell-phone but a two-way amateur radio.

"Familiarize yourself with the law. Read NYS Vehicle and Traffic Law Sec. 1225c"

W2JLH pleaded not guilty before a Traffic Violations Bureau hearing officer. The following was presented as part of his defense: notarized letter from another ham confirming their qso at the time the ticket was issued, the Icom 208H which was the radio in use at the time of the incident, and an FCC issued license authorizing W2JLH to use an amateur radio. Despite the foregoing, the hearing officer was not convinced. Finally, W2JLH turned the hearing officer's at-

tention to Traffic Law Section 1225c which defines a mobile telephone as one connected to a phone company switch. W2JLH explained that amateur radio is not connected to a phone switch and therefore is not a mobile telephone. W2JLH concluded that he can not be guilty of violating the mobile telephone restriction if the device he was using was indeed not a mobile telephone, as defined in the law.

The hearing officer asked W2JLH to demonstrate the use of the radio. When he complied, the hearing officer stated that since the microphone is held close to the mouth and ear, the cell-phone law applies.

W2JLH is now represented by an attorney, K2FIX, and is preparing an appeal.

His attorney has advised that the case will be brought to Civil Court if necessary to reverse the poorly conceived ruling by the Traffic Violations Bureau hearing officer. We wish W2JLH all the best, as he pushes onward to defend against this injustice from ever occurring to other hams.

New York State law prohibits the use of a cell-phone while driving an automobile. If you are caught using a cell-phone while driving, except to call 911 or to contact medical, fire or police personnel about an emergency, you can receive a traffic ticket and pay a maximum fine of \$100 and mandatory surcharges of \$50. Points are not assigned to the driver's license.



Icom 208H. Does this look like a cell-phone to you? It may to a traffic cop.



Swap-n-Shop

A new feature of the HOSARC NewsFuse is the Swap 'n Shop column. In this column the NewsFuse Editor will list any ham related equipment, including computers, that HOSARC members would like to sell, swap, or trade. There are no warranties or guarantees implied by HOSARC with these postings. If there is a piece of equipment that is listed that you are interested in, please contact the seller directly. If you would like to list a piece of equipment please send an email to the Editor. Good luck and happy hunting.

Seller: KC2KXC.

Email: motoshack@optonline.net

Mark has a number of commercial Mo-

torola radios for sale. All of these radios are capable of covering the ham bands and then some. Mark has a Motorola Astro Saber in excellent condition. The Astro Saber covers 403 MHz to 470



MHz. Mark also has a very rare Motorola GP300 radio that covers the 220 MHz band! Send Mark, KC2KXC, an email if you are interested in his radios.

Seller: KC2CBA

Email: Tomflushing3@aol.com

Tom has 50 feet of RG-8 coax, brand new in the box from Radio Shack. He is looking to sell it for \$22. If you are interested please send Tom an email.



2005 Annual Holiday Party; 2006 New Year for HOSARC

HOSARC had its annual holiday party on December 13th, 2005 in the Hall of Science cafeteria. The food was once again plentiful and tasty. A combination of hot and cold plates, the spread included sausage and peppers, eggplant parmesan,

lemon chicken, and pasta. Thanks to Lenny, W2LJM, for ordering the food and making sure it arrived hot and fresh. A special thanks to Ilda, KC2JOM, for knitting little Santa Clause candy trays and handing them out to all who were at

the party.

The party is a time for club members, families and friends, to get together, have a few laughs, and celebrate the holidays. The holiday party is also the last club meeting of the year.



Chairman's Report by Tom Golero

Hello!

It was great to see the large turnout for the December 2005 holiday party and January 2006 club meeting. As I have mentioned on numerous occasions, the club is what you make of it. Attending club meetings and special events is an integral part of making your club membership experience fun! I sincerely hope this recent trend continues in 2006.

I want to thank a few people for their hard work and dedication this past year. First of all, thanks to Ted Bicking, KC2HEV, our past NewsFuse editor for

all the time he put into making the newsletter and for putting up with me showing up at his house at odd hours to dictate my meager contributions to each month's edition. Thank you Pete, W2IRT, and Art, WA2YQV, for their valuable contributions to the Board of Directors. Thanks also to all those who volunteered for the seemingly endless work parties necessary to keep the club station up and running.

I would like to thank the repeater committee for their efforts in getting us back on the air. I know we were off the air for

a long time, but the maintenance associated with keeping a repeater on the air is very time consuming and the technical issues associated with them sometimes quite complicated. A special thanks to Howard Levine, WB2HWW, for allowing HOSARC to run its weekly net on his machine. It was a fantastic opportunity for the club to make some new friends.

At the January 2006 Board meeting, the following slate was approved: Chairman Tom Golero, President Allan Keonigsberg, Vice President Bernie Stein, Secretary Howie Weissman, and Treasurer

February 2006

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 Club Net	2	3	4
5	6	7 Board Meeting	8 Club Net	9	10	11
12	13	14 Membership Meeting	15 Club Net	16	17	18
19	20	21	22 Club Net	23	24	25
26	27	28				

Schedule of Events

- January — Operate super contest station K1TTT in Peru, Massachusetts.
- February — ARRL HQ in Newington, Connecticut.
- March — Timonium ham-fest and HF mobile contest in Maryland.
- April — Special event station operation in NY or NJ.
- May — Fishing trip.
- June — Field Day and HOSARC ham-fest.
- July — IARU HF World Championship.
- August — ARRL UHF Contest.
- September — ARRL VHF QSO Party.
- October — HOSARC ham-fest.
- November — ARRL November Sweepstakes.
- December — Holiday Party.

Chairman's Report - Part 2 by Tom Golero



Steve Greenbaum. The Board Members consist of Dave Ellenberg, Sidney Ko, Allan Levine, Lenny Menna, Tom Tumino, Ilda Schneider, and James Schneider Sr.

We have two vacant positions on the Board of Directors. If you would like to be considered, please contact me via email. You can be appointed to the Board even if you were not originally eligible through the club election process.

This year we have a club activity planned for almost every month of the year. Check out the calendar section of the NewsFuse. If you wish to participate in any of these events please contact me as early as you can. More



The B/W version of the HOSARC QSL card. This photo was taken by our very own Sidney Ko, KOSID. To see more photos by Sid check out www.sidneyko.com.

details on these events will follow in future emails and editions of the newsletter.

If you have any ideas or suggestions for a club event please do not hesitate to con-

tact me.

I look forward to another great year at the club and hopefully meeting each of you at club meetings or at one of our many planned events. Please remember; you can contact me at anytime to discuss club business or anything else that's on your mind!

73s,

Tom Golero, KC2CBA



NEW YORK HALL OF SCIENCE AMATEUR RADIO CLUB

Tom Golero, KC2CBA, Chairman of the Board
Allan Koenigsberg, AE2J, President
Bernard Stein, K2ZIR, Vice President
Howard Weissman, WB2HLW, Secretary
Steve Greenbaum, W2KDG, Treasurer

Felix Lam, K2KHV, NewsFuse Editor

E-mail: K2KHV@hosarc.org

***Do you have a story?
Contact the NewsFuse Editor.***

***Check us out at
WWW.HOSARC.ORG***

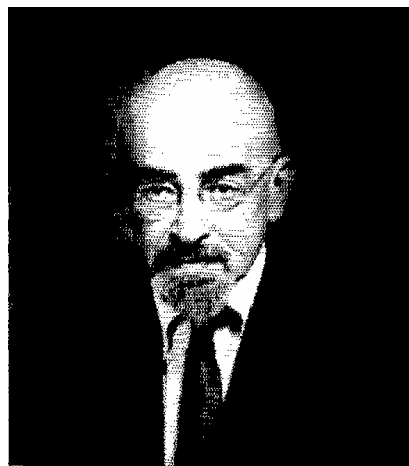
The Hall of Science Amateur Radio Club, HOSARC, was founded in 1972 and is affiliated with the New York Hall of Science, a hands-on science and technology center located in the historic Flushing Meadows, Corona Park in Queens, New York. HOSARC club members maintain and operate the amateur radio exhibit located in the lower level of the center's central pavilion. The exhibit is a fully functional radio shack, equipped with top-of-the-line, modern amateur radio equipment. The shack operates all modes on all HF, VHF, and UHF bands. Visitors to the Hall of Science can operate the kilowatt HF station, WB2JSM. The club also operates the WB2ZZO repeater on 444.200 with a positive shift and a PL tone of 136.5. You do not have to be a club member to use the repeater; all are welcome. Please join our club nets which occur every Wednesday evening at 9pm. Net control operators are Ken, K2JLK and Bernie, K2ZIR. The club meets at 8pm every second Tuesday of each month in the cafeteria of the New York Hall of Science. Come on down, and meet the gang!

Amateur Radio Operator's Code of Conduct



The Amateur's Code was written by Paul M. Segal, W9EEA, in 1928 while serving as the ARRL's General Counsel. The Code represents the deep pride ham radio operators have for their hobby and the role of the ARRL in protecting every ham radio operator's right against infringement. Consider the historic context. In 1901 Guglielmo Marconi sent the first successful transatlantic Morse code message across the Atlantic. In 1912 the Titanic sent a historic distress signal after its fatal collision with an iceberg. In 1928 the ARRL sponsored the first organized contest, the International Relay Party. There were approximately 17,000 licensed ham radio operators, in a time when there was still no television and broadcast radio was in its infancy. Amateur radio operators were the few people literally in tune with the world! Let's hope that this pride, sense of international community, and commitment to the ideals of amateur radio continues in the hobby for generations to come. The

Code has appeared in every issue of the Radio Amateur's Handbook since 1927.



Paul M. Segal devoted more than 37 years of service to the causes of the ARRL.

The radio amateur is:

CONSIDERATE, never knowingly operates in such a way to lessen the pleasure

of others.

LOYAL, offers loyalty, encouragement, and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE, with knowledge abreast of science, a well-built and efficient station, and operates above reproach.

FRIENDLY, slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation, and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED, radio is an avocation, never interfering with duties owed to family, job, school, or community.

PATRIOTIC, station and skill always ready for service to country and community.