



HOSARC VE Sessions Huge Success

The HOSARC VE program has recently been put into full swing due to the enormous commitment made by club members who comprise the HOSARC VE Team. The HOSARC VE program is more than just administering FCC exams. It also involves the delivery of training courses to get potential amateur radio operators the information and education they need to pass the FCC tests.

Leading the HOSARC VE Team is Rob Smith, AB2UV. He has

been in the shack every weekend delivering either the Technician Class training course or administering an exam.

Since June 2006 HOSARC has delivered 8 training

courses, and the VE Team has administered tests to more than 97 applicants! Since the FCC eliminated the Morse code requirement, the number of hams interested in upgrading their license has grown to historic proportions. The February 24th session, for instance, was a mad house with 38 applicants! Licenses were granted to 11 Technicians, 20 Generals, and 4 Extras.

Please volunteer your time and join the HOSARC VE Team.



Volunteer Examiners Rob, AB2UV, and Tom, N2YTF, are happy to make more hams.

Constitutional Amendment Proposed for Club

HOSARC has a constitution and a set of by-laws. Every legal organization needs a set of laws by which to govern itself and its membership. Publishing the constitution and by-laws also has the effect of making the organization more transparent, allowing for more full participation by all club members. HOSARC has its constitution and by-laws published

for all to read on its web-site.

The Board of Directors now proposes that a section of both the constitution and the by-laws be amended. For the proposed amendment to be adopted the general membership has to vote in its favor. It is anticipated that the vote will take place at the April 2007 meeting.

The following is language that is being proposed for Article II:

“DIRECTORS: The affairs of the Club shall be governed by a Board of Directors consisting of twelve (12) members as provided for in the By-Laws. (4) Four directors shall each be elected each year for a term of (3) three years by a vote of the Gen-



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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>



eral Membership. Election of the Board of Directors shall be by ballot as provided for in the By-Laws. The Board shall meet prior to each meeting of the General Membership to act upon the business at hand. The members of the Board shall elect among themselves at their first meeting of the year, a Chairman of the Board who will then assign the remaining Directors to their duties. The Board shall be organized according to a chart of duties provided for in the By-Laws. The Board shall have the authorization to refuse any application for membership or renewal of membership before such application is presented to the General Membership for approval as provided for in Article I of the Constitution. A vacancy in the Board of Directors shall be deemed to have occurred upon death, resignation or refusal to act of any Director. Upon occurrence of such vacancy, the Board of Directors, by majority vote, shall appoint a replacement for the remainder of the term. The Board shall have the right to remove a Director, if it is felt that the Director is not acting in the best interests of the Board and therefore not in the best interests of the General Membership. A person removed from the Board shall not be eligible to run for or hold any office for a period of three (3) succeeding terms. A board member by their refusal to act or one who has resigned from office has shown by those actions that they are no longer interested in furthering the continued existence of HOSARC. Just as the by-laws state that a director removed from office shall not be eligible for 3 succeeding terms, so should they.

Implementation: Drawn by lot directors shall be elected this year ,next year and the following year .It will be determined by lot which directors terms are to expire this year ,next year and the following year.

In all instances the Board shall have the final decision on all matters requiring interpretation and enforcement of the constitution and by-laws and wherever necessary items that are not covered in any of the established rules.”

The following is being proposed for Article III:

“**OFFICERS:** The officers of the club shall be President, Vice - President, Secretary and Treasurer. The officers shall be elected for a term of (2) two years by ballot by the General Membership eligible to vote as provided for in the By-Laws. In addition the President shall appoint a Sergeant at Arms. Vacancies which occur during a term of office shall be filled by a special vote of the Board of Directors. Officers can be removed from office only when a special vote to do so is recommended by the Board of Directors to the General Membership a two-thirds vote of the General Membership present shall be sufficient to remove an Officer from his post. A person removed from office shall not be eligible to run for or hold any office for a period of three (3) succeeding terms.”

The following change is being proposed to the By-Laws:

“**19. ELECTIONS:** A Nominating Committee consisting of any three (3) Members in good standing will be appointed by a majority vote of the Directors including the Officers, meeting in a properly called Directors meeting in September. At the September meeting all officers and directors shall state their candidacies for the upcoming election. If all directors elect to be reinstated to the board the nominating committee shall draw by lot in accordance with Article II the directors to be elected. If an officer decides not to seek reelection to his or her office but desires to serve as a director he or she must run in the general election. Before the September general meeting the secretary shall publish and distribute an edibility list of all members who meet the requirements to run for office. At the September meeting the nominating committee shall begin to take nominations from the floor. The nomination period shall be

open until the close of the October meeting. In uncontested races no ballots shall be mailed out .The nomination committee shall cast their votes to accept the slate of uncontested positions at the November general meeting. In contested races the nomination committee shall prepare a Slate of Officers and Directors for the coming year and cause the Secretary to publish the Slate as per the sample ballot enclosed in the By-Laws. Candidates for office will be listed in alphabetical order. The Ballot shall be mailed to each Member In good standing for at least twenty (20) days prior to the November Meeting. Ballots shall be mailed for return including the following envelopes for Security of the Ballot.

A plain envelope with no other marking except the word Ballot on the face of the envelope. An envelope with the security number for returning the Ballot envelope. All Ballot envelopes received either by mail or in person shall be deposited unopened in a Ballot box. At the November meeting and at the direction of the President, the Secretary and his assistants shall open the Ballots and tabulate the results. All Ballots not in the Ballot Box prior to the commencement of the counting will be void.”

“**3. The Term of Membership** shall be for **one (1) year** from **January 1, to December 31**. All dues will be payable January 1. The Treasurer will cause notice to be published in the December Club Publication that application for Renewal of Membership and payment of dues are due by the January General Membership meeting. All Members who have not submitted application for renewal of Membership by the January Meeting shall be considered in arrears. They shall be allowed a grace period but no later than the February Membership Meeting to renew which will have no effect upon their Membership standing. If a Member has failed to renew within the grace period their Membership shall be considered terminated. They then will be required to make application as a New Member in order to be reinstated. Such



The President's Pulpit by Allan Koenigsberg, AE2J

One of the real pleasures of Amateur Radio in this era is the amount of information available on the Internet. I have become a real junkie in my ample spare time. Of course being retired is a plus. I do have more time to explore and keep my wits about me. One of the recurring themes that have appeared in the press recently, has been the importance of maintaining mental sharpness as we age. I no longer have the patience, or the eyesight, to pore over textbook type material for hours, but I can do well in short descriptions and explanations. It keeps my mind alert, and refreshes my soul. One of the areas of interest I have been exploring on the Internet is that of Software Designed Radio (SDR). This development has been progressing over the last several years and will become an even more common and important aspect of communications equipment in the future. In many ways it reminds me of the development of SSB in the late 1940's and early 50's when the technology caught up with the theory and practical radios became possible.

In the post WWII period the market place was flooded with military surplus equipment that made it possible to get on the air with rigs that were very well engineered. One of the wonders of the age were the ARC-5 radios, both receivers and transmitters. The ARC-5 was a rectangular radio designed to fit into military aircraft, especially fighter planes. ARC-5's would operate over a limited frequency range but were very well built, reasonably stable and easily interchangeable. Hams would make some modifications to the wiring of the vacuum tube

filaments, build and outboard power supply and get in the air. The two most popular items in this group were the Q-5er which was a receiver that tuned the VLF frequencies, from 50 kHz to 500 kHz. They would tune Q5er to the i.f. frequency (455kHz) of the receiver, connect the gear together and improve the selectivity dramatically. This method was later adopted into some commercial equipment produced by Hammarlund and TMC. The other item of technological merit was the transmitter BC 459, that covered the 5 mHz range. These items were disembowled, and rewired to create a very stable VFO. When combined with a 9 Mhz crystal you could use it on 75 meters (9mHz minus 5 to 5.5) or 20 meters (9 mHz plus 5 to 5.5). This is how most early users of SSB got on the air. It's for that reason that we traditionally operate LSB 75 and USB on 20. At the time there was no phone operation on 40 meters so it wasn't an issue. Again commercial companies like Central Electronics and Lakeshore designed equipment to work with the surplus gear.

It was a wonderful period for the ham who wanted to tinker and create. The same situation seems to be present today in the case of SDR. Instead of hardware the ham can now tinker with the software. The development of superfast computers with multitasking ability as well as the new generation of soundcards (much of the credit can go to the expanding gaming industry) have combined to allow for some really excellent radio equipment. The RF decks have been simplified, while the heavy lifting is done by the programming and the soundcards. As I

understand it, and my knowledge is very limited, the success has been most apparent on the HF bands. The VHF and HF equipment is still limited by the speed of the processors. In my mind, the methodology is still hazy, but I have chatted on the air with early adopters and the enthusiasm is quite contagious. I think we can safely predict that radio equipment in the next decade will shift to this new technology. Just as the latest equipment now features digital processing as opposed to crystal and mechanical filters, the next generation might just be your computer connected to some blackbox which has all the mysterious circuitry built in. Everything will be displayed on your monitor. Anyway, hope this gives you some food for thought.



HOSARC President Allan Koenigsberg, AE2J



Constitution and By-Laws Changes Proposed continued from page 2

action deprives said Member of the standings of consecutive Membership necessary to hold any offices of the Club. "

Please note that the term of membership changes proposed for the By-Laws would

have the effect of making the February General Membership meeting the end of the grace period for non-payment of club dues. This means that if a member does not pay his dues by the end of February,

their name will be removed from the membership roster.

Make your voice heard, and vote on the proposed changes at the April 2007 general membership meeting.

HOSARC Member at Red Cross Front Lines by Sidney Ko.

KOSID

Hello All,

I have been out of action for almost two weeks due to a deployment for the Alabama Tornado. I am currently in Enterprise, Alabama where 9 people had died from this event. As part of the initial team from Response Technology, we were responsible to setup IT and communication infrastructure within the first few days and establish a fully functional Disaster Relief Operation Headquarters (DROHQ). Immediately after that, we identified a service delivery center at a church where the case workers can work with the affected residents directly.

For the past several days, I have been assigned to service center to conduct the Response Computer Ops (RCO) function. I make sure the satellite system is up and running, along with the internal network and IP phones. We work directly with the site manager to meet their needs - whether it be more IP phones, cell

phones, computers, or just help with accessing the client database system.

The people of Enterprise, Alabama have been wonderful. At the church where the service center is located, the members of the parish takes a turn cooking meals for us every day. Volunteers from the surrounding county have come in to help with the clean up. Several distribution sites have been established to hand out tarps, water, and other essentials. The distribution sites are also cooking food on the premises for anyone that needs a meal.

Now the folks in client services have begun calling clients to follow up on their needs. At this point we starting to see some of the cases being closed. Hopefully with this momentum, we should be all heading home soon. I wish all of you could experience the sense of accomplishments we have had. The members

of the Response Technology Team has been awesome.

I am also including a link of the damages from this tornado. This has been the worst natural disaster for this community. In addition, I have included pictures of the setup that Response Technology was responsible for. For the folks in Field Communication - I am trying to get everyone into the week long training offered by the National Red Cross. Right now there is nothing on their calendar. I am hoping with enough people, we can start a class. As soon as I hear more, I will most definitely let you know. I want to get you folks onto this team.

Take care everyone.

Editor's Note: Sidney Ko is a long time HOSARC member and a dedicated member of the Red Cross Rescue Team. We wish Sidney a safe return to NYC.



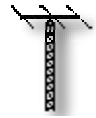
One of many disaster scenes in Enterprise, Alabama. This was a high school.



Makeshift communications center is staffed 24x7



Disaster relief operations headquarters



QRZ DX! By Peter Dougherty, W2IRT

March has been a fairly quiet month on the HF bands. As we approach solar minimum—now expected around August—the sun has been predictably quiet with many zero-sunspot days and Solar Flux values hovering around 70. The A and K indices have also been low, meaning quiet conditions, but with so little energy to charge the ionosphere signals have been weak.

Yet another solar prediction appeared in late March forecasting a huge cycle 24, peaking somewhere around 2010 or 2011. This means starting about a year from now conditions should improve dramatically including regular 10 and 12 meter openings. As we approach solar max, 10 and 12 will be open late into the evening, and 15, 17 and 20 will be wide open around the clock!

Iraq now QRT!

If you haven't already gotten Iraq in your log, it looks like you may be out of luck for some time to come. Amateur Radio in Iraq has been suspended until further notice.

Iraq Amateur Radio Society (IARS) President YI1DZ, Diya Sayah, reported a letter was sent from the Iraq's Minister of Defense to Prime Minister Nouri al-Maliki agreeing to halt issuing Amateur Radio licenses and to cease all current licensed activity from Amateur Radio operators in Iraq. This would include both nationals and any and all visitors (YI9). This is apparently in an effort to increase security. Diya is hoping someone can convince the Ministry of Defense that Amateur Radio will not cause interference with the military communications.

A DXpedition to the rare Indian Ocean island entity of Agalega (3B6) by a group of Polish hams that was mentioned last month has been postponed. The group had planned to be QRV this month, but transportation costs proved too great. They are now hoping to go in early June, but plans are still very tentative. If it happens, this operation will be the first from this remote island in about seven years. Agalega is paired in the DXCC program with St. Brandon Island (3B7), and work-

ing either one counts as the same entity. With that in mind, a major operation from St. Brandon (www.3B7C.com) is being planned for September by the Five Star DXers Association, the same group that put Rodriguez Island on the air as 3B9C in March 2004, and also the February 2001 D68C operation from Comoros.

Speaking of Comoros, world-traveler Vladimir Bykov surprised the DX community last month by coming up from that tiny island for about a week, signing as D60VB. He was QRV on most HF bands, and was easily workable from here with modest stations. If you worked him, however, please hold off on QSLing until he returns to his home in Russia. Vlad's been away since 2005, and has activated at least 10 rare African entities in that time. His address is on QRZ.COM under his home callsign UA4WHX. I suspect that shortly after he gets home his postman will be in need of a good hernia surgeon, and Vlad himself will have enough frequent flier miles to go to Venus. After activating Comoros Vlad went to Reunion Island for a couple of weeks then returned to D6, where he is still QRV as of this column's deadline. Incidentally, various DX bulletins reported that Vlad had an accident which resulted in the loss of a finger, so please wish him well!

Fire Up the Amps and Swing The Beams Northwest!

There are still no firm dates for the world's most anticipated DXpedition to Scarborough Reef (BS7H). At present, it's still being touted as 10 days at the end of April. This will be an extremely expensive trip to put together, and the team is in need of donations. Please visit their Website at www.bs7h.com for details on the operation and for information on donating. Remember, without sponsors, many of these most-needed trips would never come to pass. They will try to focus on the east coast of North America on 20m when propagation permits, but due to the size of the rocks from which they will be operating, they will be antenna-restricted for the most part. Also, if you work them cleanly (i.e. you're 100% of

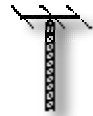
the contact), *please* don't work them again on the same band and mode, even though they won't have an online log during the operation. The window to the US is so small and the demand is so great that insurance QSOs will deprive others of what maybe their only chance to work this one. QSL is via Steve, KU9C.

Nearby to Scarborough Reef are the Spratly Islands, which were activated for a few days this month by a Japanese team, signing 9M4SDX. Propagation was weak and they were only audible in a short early-evening window on 20m CW. Nevertheless, they became #299 in the log on the evening of March 14, just before midnight UTC. If you worked them, QSL is via 9M2TO. They also have an online log up.

At the very instant the seasons were changing from winter to spring on the evening of March 21, some well-known Asian DX stations sprung up on 20. Very strong signals from the Philippines (DU), Taiwan (BX), China (BY) and Hong Kong (VR2)—all of which are neighbors of BS7, incidentally—were heard right around midnight UTC on the short path. Listen for this part of the world to become increasingly active between now and late-May.

Just in time for Easter comes good news out of the Vatican (HV)! Francisco, IK0FVC is reporting that they have rebuilt one station in the Holy See and to expect more activity in the future. He reports that there are now two active stations signing HV0A and they hope to be on 30m soon. They were good to North America on 80 CW on March 22nd and have been loud on Saturday and Sunday mornings (our time) for the past few weeks.

In case you missed last fall's first-activation of the world's newest entity (Swain's Island, KH8S), look for N8S to be QRV from Swains between April 4th and April 15th. They'll be on all bands and all modes, including 6m, satellite and EME. They should be easy to grab on 8 bands, if not 9 or even more! Short-path propagation from NYC to Swains (which is very close to American Samoa) should favor 20m in the mornings, 17m in the late afternoon and 15 (and possibly



QRZ DX! By Peter Dougherty, W2IRT, continued from page 5

above) around 6-7pm. See their Web site for more details (<http://www.yt1ad.info/n8s/index.html>). After Swains, most of the team will operate from Samoa (as 5W5AA) for three days.

Speaking of new entities, there may be yet another new one showing up any day now. St. Barts in the Caribbean was given autonomy by the French government on February 21st, as was St. Martin. As it stands now, St. Martin (FS) and St. Barts (unofficially FJ) are considered part of Guadeloupe (FG). Once this change is official they will have the same status as St. Pierre and Miquelon (FP), Mayotte (FH) and a few others. According to the ARRL's DXCC listing criteria, as soon as the new status is officially listed in the U.S. Department of State's list of Dependencies and Areas of Special Sovereignty it should count as a new DXCC entity as of the *event date*. FG and FS will likely remain unchanged for DXCC purposes. Stay tuned for more on this one.

The tiny African Kingdom of Lesotho will be activated by a group of South African hams between April 5 and April 12. They expect to have three stations

running simultaneously and will be using the call 7P8DX. They'll be operating from the highest point in the country, approximately 10,000' above sea level from the north border escarpment of the Drakensburg Range. Lesotho is one of two countries wholly enclosed by South Africa (the other being Swaziland (3DA)).

Listen for YK1BA from Syria between April 10 and 27. This will be a spare-time operation generally during our evenings and mainly on 30, 40 and 80m, CW, SSB and RTTY. QSL is via Saad's home call-sign of N5FF.

A group of Belgian hams will put the African nation of Mali on the air between April 1 and 8. No word on the call-signs to be used at this time. If you work them please QSL via ON4LN.

Band Limits

Finally, I'd like to congratulate all those club members who have recently upgraded to General Class or Extra Class following the elimination of the Morse testing requirement. Just a reminder, however, that most of the DX windows fall outside of the frequencies allotted to

General Class hams, so beware of operating on frequencies for which you aren't licensed! For example, on 20m, most SSB DX is found in and around 14190-14200, but General privileges don't start until 14225 (well, 14228 in actual practice). On 80m the DX window runs from 3790-3800, but General Class operators can't transmit below 3800 (3803 practically). And of course, 40m is a special case where almost all SSB DX must be "split" since hams in the "lower-48" don't have voice privileges below 7125 (Extra Class).

Of course, new Technician licensees don't have any HF SSB voice privileges at all, except for a small sliver between 28300 and 28500. While getting BS7H and N8S in your log may be your goal for April, don't risk a Nastygram from Riley Hollingsworth by working them outside of your band limits! We'd all love to see your call in the pages of QST, but not *that way!*

That's it for March.

See you in the pileups!

N2YTF Makes QST 10 Best Eyeball QSO List



WELCOME ABOARD!

◆ In 2004, I was with my wife, KC2JOS, touring Stockholm, Sweden with my FT-817 transceiver. All day I daydreamed about making contact with the active duty Swedish submarine HMS *Uppland* (SL8SUB), which was in Stockholm Harbor for a celebration of military submarines. On the way back to the hotel, I tried to contact the *Uppland* on 2 meters or 20 meters SSB, even though activity was not scheduled until the next day.

To my surprise, on my second call on 2 m SSB I contacted SL8SUB from about 100 feet away. I nearly fainted. Likewise, the sub's Amateur Radio operator, Kjell Johansson, SM6DQR, was shocked to hear an American call. QRP 2 m SSB portable, over the pileup. During a fine 30 minute pedestrian portable ragchew, Kjell invited us aboard the sub as soon as we could return there.

I will never forget the hospitality and international goodwill shown to us that night.

Thomas Tumino, N2YTF, Tarrytown, New York



In the November 2006 issue of QST, readers were asked to send in 150 words or less, the true story of their most memorable eyeball QSO. An eyeball QSO is an in-person meeting with another ham. The judges at QST cast their vote and picked the top 10 entries submitted to the magazine and published the results in the March 2007 issue.

Our very own Tom Tumino, N2YTF, was selected by QST as one of the winners of the contest. Tom's submission was selected as one the top 10 best.

Tom's best eyeball QSO occurred with Kjell Johansson, SM6DQR, while in Stockholm, Sweden. Tom had an eyeball with Kjell during a special event opera-

tion that involved the activation of active duty Swedish submarine HMS *Uppland* (SL8SUB). Not only was Tom able to contact the submarine on 2 Meter SSB, he was invited aboard the ship after a 30 minute on-air QSO. The icing on the cake for Tom is the excellent QSL card he received in the mail from this highly unusual and exotic special event station. This is a fine example of the hospitality and international goodwill brought by amateur radio.

Check out page 48 of March 2007 issue of QST. If you want to read the whole story please read the March 2006 issue of the NewsFuse.



Club News and Other Ham Radio Happenings

On Saturday, March 10 K2KHV, KC2CBA, and W2KTU had a qso with the Arizona Science Center over the repeater's IRLP connection. Each HOSARC operator spoke with a young person visiting the Arizona Science Center which operates under the call-sign of W7ASC. If you would like more information on the Arizona Science Center visit www.W7ACS.org as well as IRLP node #5999.

The HOSARC repeater now hosts Amateur Radio Newline. The show is broadcast every Saturday at 4pm. Tune in, and hear all the latest news in amateur radio.

The club is working full time on putting up a new 2 meter repeater. Stay tuned!

The W2 QSL Bureau, run by the North Jersey DX Association, will be increasing its subscriber rates. Effective April 1st the minimum credit purchase will be ten postage credits for \$6.00. More information can be found on the NJDXA webpage: www.njdxa.org.

John Reiser, W2GW is the section DXCC card checker and is available for field checking of QSL cards for your DXCC Award. John is available by appointment at his home in West Hempstead for card checking, and at all LIDXA meetings. If someone lives far from him, John is willing to meet them half way at a diner or someplace. Contact John at w2gw@arrl.net

Are you artistically inclined? If you are, please contact Rob Smith, AB2UV. He is asking club members with graphics ability to come up with some new club images and graphics for the club to use in ads, t-shirts, hats, and other fun stuff. Send your submissions to hosarc@ab2uv.com

The club's membership is comprised of 29 Technicians, 16 Generals, 3 Advanced, and 26 Extras for a total of 75 members. We have some members who don't have a license yet.

Join the Field Day planning committee. They are making preparations for 2007.



Scouts Jeremy and Jacob Jacobowitz were presented with certificates of successful completion at the March General Membership meeting. Both Jeremy and Jacob successfully completed Rob Smith's Technician Training Course and passed the license exam. Since the two scouts participated and in HOSARC's training class and passed a HOSARC VE Session, they were granted a free one-year membership to HOSARC. Jeremy Jacobowitz, Jacob's Dad and scout leader, was assigned call-sign KC2RBC. Jacob was assigned call-sign KC2RBD.



Scouts Jeremy and Jacob Jacobowitz earn their Technician ticket at HOSARC.



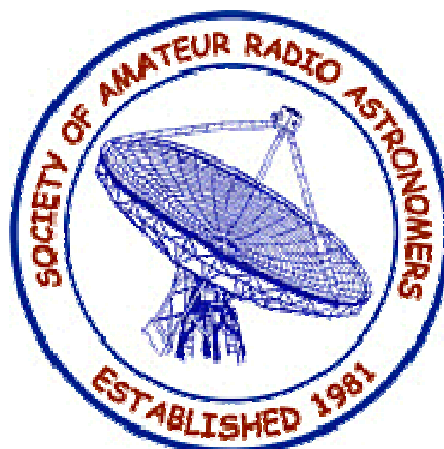
Bob Vanson, K2VUH

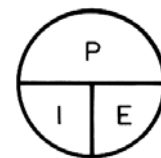
The April 10th General Membership Meeting will feature Bob Vanson, K2VUH, who will speak on the topic of radio astronomy. Bob is the President of the South Shore amateur radio club and a member of The Society of Amateur Radio Astronomers (SARA). The presentation may get technical, so it's suggested that those planning on attending check out the following web-sites as a primer for the meeting:

<http://www.nrao.edu/whatisra/FAQ.shtml#faq1>

http://www.nrao.edu/whatisra/hist_ham.shtml

<http://www.radio-astronomy.org/>





HOSARC Offers Free FCC Technician Class Training

HOSARC has started a free ham radio class at the New York Hall of Science. The goal of the ham radio course is to improve training in communication, science, and ionospheric transmissions.

HOSARC has started a series of training classes preparing anyone interested in taking the FCC technician class amateur radio license. The classes are four weeks in duration and are held on Saturday mornings. They usually begin at 9 am and end at 11 am at the New York Hall of Science.

Students learn about the United States Federal Communications Commission's

(FCC) rules and regulations regarding amateur radio, elementary physics, modes

of radio transmission, and emergency communications. Along with teaching



the science of radio and short and long distance communication, there is ample time allotted in each classroom session for questions and answers with the instructors. Students will have the unique opportunity of hands-on learning by visiting and using a real working amateur radio station.

The 2007 training schedule is still being developed. If anyone is interested in signing up for one of the courses, or wants more information on becoming an amateur radio operator, please contact Rob Smith, AB2UV, at rob@ab2uv.com

Test takers at a NY Hall of Science VE session.

HOSARC Ham Radio Training and Testing Schedule

License Class	Month	Date	Start Time	End Time
Technician	May	5	9:00 AM	12:00 PM
Technician	May	12	9:00 AM	12:00 PM
Technician	May	19	9:00 AM	12:00 PM
Technician	May	26	9:00 AM	12:00 PM
VE Session	June	2	10:00 AM	



Marketplace

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 Motorola 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.

Seller: K0SID

Email: sidney@sidneyko.com

Sidney has Yaesu FT50 dual band handheld radio in excellent condition for sale.

This is a solid radio. It comes with dual battery charger (NC-50), two NiMH batteries, and a built-in digital recorder. Asking price is \$250.

Also for sale is a Yaesu FT-847 HF/VHF/UHF transceiver with cross-



band repeat in excellent condition, very clean. It comes with original power cable, hand microphone, and optional voice synthesizer installed. Asking price is \$1,200.

For sale is a Yaesu VX-150 VHF handheld radio in very good condition. Radio is a solid performer. It comes with original battery and wall charger. Asking price is \$100.

Sidney also has a Radio Shack HTX-10, 10 meter FM and SSB mobile transceiver for sale. It is brand new and still in the box. Asking price is \$75.

Motorola Saber I, UHF handheld radio with 12 channels. Radio does not come with battery or antenna. It is a very clean commercial radio in good condition. Asking price is \$75.

Finally, Sidney is selling his Sony Vaio Notebook VGN-T250. It is in good condition. Laptop is ultra portable with a long lasting battery and was recently upgraded with 1 GB RAM. Deal includes power supply and 5.0 MP Sony W1 digital camera. Asking price is \$1,600.

Seller: HOSARC

Email: tomflushing3@aol.com

The club is selling an Icom 1.2 GHz repeater, including repeater, controller, duplexer, and amplifier. The club is asking \$2,500 for the entire package.

Welcome to the following new members:

Edward Litfin, KC2AN

Michael Benabib, KC2QYR

Jacob Jacobowitz, KC2RBD

Jeremy Jacobowitz, KC2RBC

April 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 Board Meeting	4 Club Net	5	6	7
8	9	10 General Meeting	11 Club Net	12	13	14
15	16	17	18 Club Net	19	20	21
22	23	24	25 Club Net	26	27	28
29	30					

Schedule of Events

- March — Timonium Hamfest; Operate USS New Jersey
- April — Kit Building Night
- May — Dayton Hamfest
- June — Field Day; HOSARC Hamfest; and Fishing Trip
- July — BBQ Party
- August— No Meeting; Fishing Trip
- September— VHF QSO Party
- October— HOSARC Hamfest
- November— ARRL Sweepstakes
- December—Holiday Party
- January— ARRL VHF Sweepstakes
- February— ARRL International DX
- Get Active in the Club today!



Chairman's Report by Tom Golero, KC2CBA

Hello to all.

Sorry I missed you at the last meeting. I'm happy to report that there have been some exciting developments at the club. Starting with our VE team who on February 24th processed over 45 applicants for either upgrade or new licenses at a mammoth session that had Rob, AB2UV, Dave, WA2KWP, and Ernie, KC2WD, on their feet for over 3.5 hours administering the session. Congratulations to Charlie Ridgway, KC2PED, who upgraded to Extra.

Our newest Board Member, Keivan Kehani, W2KTU, has been actively working on a project that will link all science museums with an amateur radio station via IRLP. Last week we successfully linked up with the Arizona Science Center ARC. So if you are listening to the repeater and you hear someone call from a science center other than ours please answer the call.

The Field Day committee has begun preparations for this year's Field Day. We don't yet know if we will operate from the parking lot or the somewhere else on the museum grounds. We plan to enter as a 3A station. We need a firm

commitment from club members so that we can fill the operating schedule. Please contact me at Tomflushing3@aol.com if you plan on attending.

Another project that is underway is getting a reliable vendor for club merchandise. We are considering doing business with www.cafepress.com as our on-demand printer and distributor of club merchandise. Please look for the link on our website in the coming weeks.

I am very pleased with the response to the Battleship New Jersey tour. The club reached its goal, and the trip is now closed. You can still submit your name in the event there are any last minute cancellations. I am still waiting for responses for the Timonium hamfest trip. Don't delay.



The official HOSARC QSL card

73, Tom



**NEW YORK HALL OF SCIENCE
AMATEUR RADIO CLUB**

36 Technicians
13 Generals
3 Advanced
27 Extras

**NewsFuse Editor:
Felix Lam, K2KHV**

***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. The Net control operator is Ken, K2JLK.. 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 Code has appeared in every issue of the Radio Amateur's Handbook since 1927.

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 assis-

tance, 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.



The HOSARC Board of Directors:

Tom Golero, KC2CBA, Chairman
Dave Ellenberg, WA2KWP
Sidney Ko, K0SID

Alvin Levine, KB2SDX
Lenny Menna, W2LJM
Keivan Kehani, W2KTU

Rob Smith, AB2UV
Felix Lam, K2KHV
Howard Weissman, WB2HLW

The HOSARC Officers:

Allan Koenigsberg, AE2J
President
Tom Tumino, N2YTF
Vice President

Mitch Grotch, KC2MBN
Secretary

Steve Greenbaum, WB2KDG
Treasurer