



# HOSARC Newsletter

## Voted Best by ARRL

The HOSARC newsletter, The NewsFuse, was named best ham radio club newsletter of 2006 by the ARRL Hudson Division. The announcement was made at the 2007 Ham Radio University event in Briarcliffe College, Long Island.

Addressing a room full of hams at HRU 2007, keynote speaker Frank Fallon, N2FF, presented the ARRL Hudson Division Award for Best Club Newsletter to Felix Lam, K2KHV. In presenting the award, Frank said that club newsletters play an important role in advancing the

hobby of ham radio. Club



newsletters communicate ideas and activities not only to club members but also to potentially new members of both the club and the hobby. He encouraged more newsletters to be more like HOSARC's which includes color photos of members participating in varied activities as well as articles written by the membership.

HOSARC thanks Frank Fallon and the entire Hudson Division for recognizing its newsletter and the good work done by the club.

## Ham Club Web Pages by Mark Persons, WOMH



While many hams and Amateur Radio clubs have a presence on the Web, there are several facets of Web page building that can make or break a site. The author fine-tunes an earlier article on club Web sites as more and more clubs are making the trek into cyberspace.

As mentioned in my 2003 ARRL *WebExtra* [article](#) on writing ham club Web

sites, I believe that a good Web site for an Amateur Radio club is important for creating interest and enthusiasm in a club and the hobby. The one I write can be found at [brainerd-ham.org](http://brainerd-ham.org). This site has had 9 years of refinement. It is not the best site out there, but it has some key concepts that you are welcome use on your club site. Many ideas were tried and discarded as worthless be-

cause they did not help the Web visitor in his or her quest to learn. My strong feeling is that Web sites should be "information rich," rather than a "show off" for the writer. To that end, I offer these suggestions:

### Keep It Simple

Don't complicate a site with animations. Don't do a flash intro screen. Don't put in a link that winds up with an

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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>

# Ham Club Web Pages Revisited

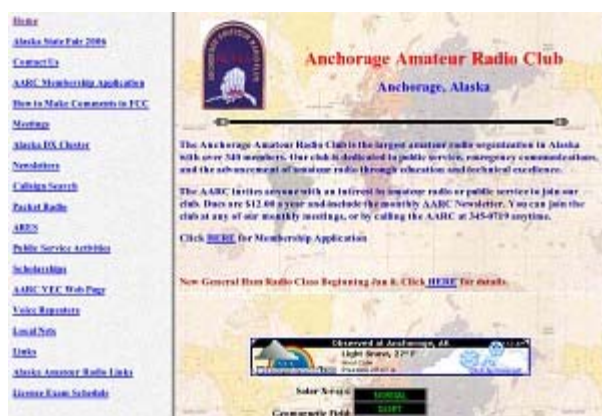
by Mark Persons, continued from page 1



The Plano (Texas) Amateur Radio Klub Website



The Website of the Hall of Science (Queens, New York City) Amateur Radio Club



The Anchorage (Alaska) Amateur Radio Club's Website

"Under Construction" sign. Start small -- add a page at a time to build up a complete picture of what is going on in the organization. I add a page or two a month, and revise outdated pages, keeping up with changes in club leadership and activities.

## Have a Theme

Create a standard page with a masthead that has your club name, logo and the [ARRL logo](http://www.arri.org) if you are an affiliated club. Use that page as a template for all subsequent pages. Post a biography and photo of every club officer so that your Web visitors can gain a better and closer understanding of those running the organization.

You don't want to frustrate or turn away a Web surfer at your site. Give that person information with some graphics and colors that are not gaudy or childish. I find it best to put some text with every picture published; this helps the viewer understand the subject.

Photos and stories of club meetings can be easily published in a timely manner on the site. What? You are too busy? Well, I'm a working guy and still find the time to do Web writing for the local club. In some ways, I do it to show the fun we had to those who ignored a meeting.

## Speaking of Pictures...

Posed photos, as corny as they often seem, are better than most candid photos. Avoid showing the backsides of people, as it is not very complimentary. Try to help tell a story with a facial expression or hand gesture. Yes, I know you are probably not a commercial photographer, but try to compose your photos so that your Web visitors get a good

feeling about your club.

## Events Calendar

Every club should publish a calendar so members and visitors can plan their time wisely. A notice that says the club meets the last Thursday of the month is not adequate. In my case, I publish a calendar that is 11 months long. No, it is not the traditional wall calendar where 80 percent of the space is unused, since no club activities are being conducted on most days.

Instead, it is a table divided by date showing day of the week, time of day and a short description of each event. Often there is a link to find out more about each item. Surprisingly, it is not difficult to keep a site and calendar current. It just takes a few minutes to an hour on a regular basis.

## Screen Resolution

You may have a 1600 x 900 pixel screen on your computer, but that is not reality for most Web surfers. The standard screen size is 600 x 800 pixels, and you need to write to it with no more than 760 pixels of width to avoid horizontal scroll bars on most viewer screens. Yes, 600 x 800 is getting less popular, and we will move away from it one of these days, but we are not there yet. So get used to it for a while. You will do well to write tables that have a width of 100 percent so it will fill the screen of the end-user.

## Key Identifiers

When you do the index page of your club Web site, be sure to list the city, state and country. Amazingly, many sites are for a uniquely named club and there is no way of telling where they are. As for a domain name, a good approach is to use the name of your town followed by ham. In the case at Brainerd, the address is [brainerd-ham.org](http://brainerd-ham.org). It is easy for you to tell people what the Web address is when you have a name like that.

## Fast Loading Pages

Even if you have high-speed Internet connectivity at your house, it does not mean that everyone is just as fortunate. Try to write pages so they do not take longer than 30 seconds to load on a 28.8





## Ham Club Web Pages Revisited by Mark Persons , continued from page 2

modem. If you have a Field Day story with lots of photos, it is best to publish thumbnail pictures that the viewer could click on to see a larger version of the same image.

### Success!

Every club member should be proud of a Web site that is the "window to the world" on their club. It should even look good to non-hams. Don't wait any longer

to make your club Web site the best that it can be.

Mark Persons, WOMH, is a radio broadcast engineer and was first licensed as a Novice in 1963. He served as president of the Brainerd Area ARC from 1997-2000; he is presently the newsletter editor, historian and Webmaster for the club. Mark has written numerous articles for broadcast publications over the years. He lives

in Brainerd, Minnesota.

### Editor's Note:

This article appeared in its entirety on the ARRL website and is reprinted by permission of Mark Persons and the ARRL.



The High Desert Amateur Radio Club is in New Mexico



The Puerto Rico Amateur Radio League's Website is in Spanish

## QSL Card of the Month



1st Submarine Flotilla  
Radio station SL8SUB  
P.O. Box 24  
SE-130 61 HÄRSFJÄRDEN  
SWEDEN  
sl8sub@tubfj.se

Radio SL8SUB  
1st Submarine Flotilla  
C de Comunicaciones, P.O. Box 517  
SE-131 23 Karlskrona  
SWEDEN

QSL direct or via bureau.

Confirm QSO with	Date	Time	Freq	Mode	Report	QSL
SM/ N2YTF/p	2004-08-21	1959	144.300	SSB	5/9	SL8SUB N2YTF
Name of operator	QTH	Laen	Locator	CQ Zon	ITU Zon	QSO NR
Kjell R sm6dar	Skeppsholmen Stockholm	AB	J099 AH	14	18	

Equipment: HB9CVant, IC-706, 30watts  
Remarks: PSE QSL Dr Tom. GMY! {Submarine}  
Signature: Kjell R. (HAMSUB1989@GMAIL.COM) {HMS UPPLAND}

This is a Special Event QSL card for the 100 year celebration of the Swedish Submarine warfare (1904-2004).  
Have You seen HMS GOTLAND in Point Loma? Hired by U.S. for 2 years.

Tom Tumino, N2YTF, received this QSL card from SL8SUB. This was a special event station operated from the Swedish sub HMS Uppland, commemorating the 100th anniversary of the Royal Swedish Navy's submarine service. This was the first time a special event station operated from a sub in active duty. For more info see March 2006 NewsFuse.

## HOSARC at HRU 2007

HOSARC was once again represented at Ham Radio University 2007. Billed as a “day of education to share ideas, experiences, knowledge, and fellowship among amateur radio operators”, the event hosted a number of interesting forums on various aspects of the hobby. Forums focused on issues such as contesting, station grounding, VHF propagation,

magnetic loop antennas, and packet radio. HRU was an opportunity to obtain a license through one of the VE sessions and to get some great give-a-ways just for attending the event.

ARRL Hudson Division Director Frank Fallon gave an interesting and thought provoking speech on his views on the recent licensing changes regarding CW as

well as his predictions for future licensing changes to be made by the FCC.

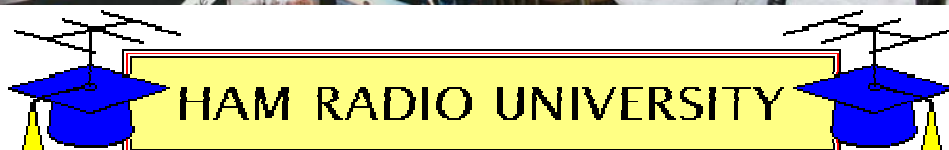
Many thanks to Sidney, K0SID, for putting together a terrific club display board. Many hams who visited our table complimented our professional display and chatted with club members. I have already seen a number of new faces at our club meetings as a result of HRU 2007.



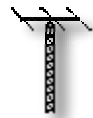
*ARRL Hudson Division Director Frank Fallon, N2FF, delivers the keynote speech.*



*Dave, WA2KWP, checks out the various club tables.*



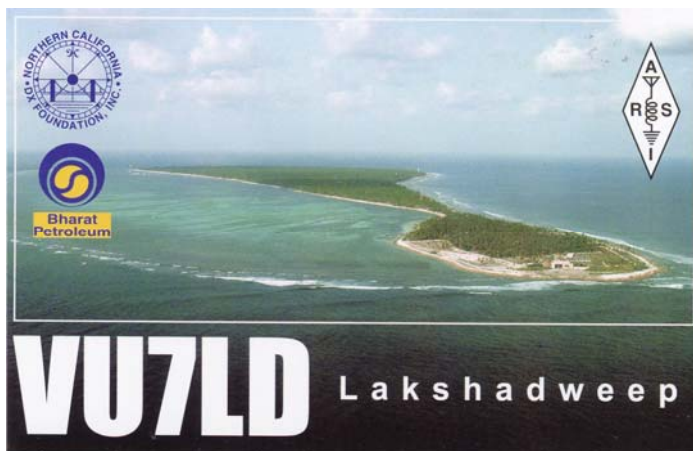




## QRZ DX! By Peter Dougherty, W2IRT

January proved to be a great month for DX, despite abysmally low solar flux numbers and several days of geomagnetic storming. 1A4A (the Sovereign Military Order of the Knights of Malta) was QRV from the 2<sup>nd</sup> to the 8<sup>th</sup>, with a very strong signal to North America. S21EA from Bangladesh was up next for six days. As expected, they were quite weak to the east coast and only workable on decent antennas for the most part. XT2C in Burkina Faso made a very good showing with loud signals and good operators, giving a new one and lots of new bandfills to The Deserving for about 10 days mid-month.

The biggest news, though, was the multi-national activation of the ultra-rare Lakshadweep Islands (aka the Laccadives). VU7RG went QRT on the 24<sup>th</sup>, after 10 days of round-the-clock activity, with 92,134 QSOs logged. Unlike the December VU7LD activation, these very experienced DXpeditioners had a little more power at their disposal and better antennas set up higher, thus they were able to handle the immense pileups with relative ease. Incidentally, the VU7LD cards are now out (see the accompanying photo).



From the NYC area VU7RG was easy to work on 15, 17, 20, 30, 40 and 80; some operators were lucky enough to squeeze out a 160 contact, but alas your humble scribe wasn't among them. They operated from three islands (Agatti, Bangaram and Kadmat), all of which count for IOTA

group AS-011. A fourth operation, with the call sign VU7MY (consisting of Indian nationals only) operated until January 31<sup>st</sup>, from Minicoy Island, on IOTA group AS-106. QSLs for both VU7RG and VU7MY go to N200 (for stateside hams). As always, donations are welcome to help offset unusually high expenses. Incidentally, the last three activations of Lakshadweep were in October of 1992, January 1984 and January 1971! As I mentioned last month, prior to these operations, VU7 was the number two most-wanted DXCC entity in the world.

So, what about Number One? Bernie McClenny, W3UR wrote in his publication, *The Daily DX* "Scarborough Reef (a.k.a. Huang Yan Dao) is located at 15.1 North 117.5 East in the South China Sea and is more than 500 miles from mainland China. There have been three BS7H operations from Huang Yan Dao, which literally means Yellow Rock Islands. The first operation, which made about 2,000 QSOs, was in

late June 1994 and did not count for DXCC. The second operation started on April 12, 1995 and ran for just under 4 days managing some 11,835 QSOs. This operation did count for DXCC. The last operation took place in late April and early May 1997 but came to a halt after just over 70 hours and 13,154

QSOs. This was when the Philippine Navy showed up and the Chinese ops agreed to leave. Scarborough Reef now ranks as the number one most wanted DXCC Entity. In fact it is number one everywhere except in Asia (#7), North America Mountain Time Zone (#3) and North America Pacific Time Zone (#4).

### Current DXCC Statistics for WB2JSM

as of February 12, 2007

Total entities worked: 262/335  
Total entities confirmed: 240  
DXCC Challenge points: 746/1000

Band	Worked	Confirmed
6m	3	3
10m	131	110
12m	39	22
15m	176	150
17m	84	38
20m	199	138
30m	16	10
40m	58	21
80m	40	16
Totals	746	508

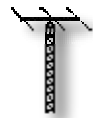
New entities worked: Vatican City (HV)  
Tokelau Island (ZK3)

"After three years of effort to obtain permission to land and operate from the most needed entity in the world, that needed authorization has been received. A multi-national team led by W6RGG will operate from Scarborough Reef for ten days in late April 2007."

Using HamCap propagation prediction software for April, it looks like the best openings will be mid-morning our time on 20m, via the short path, and around 5-7pm long path on 17 and 15m. Needless to say, lots of patience, good antennas and big power will be needed to bust those pileups!

### This Month on the Bands

Even as sunspot cycle 23 continues into its final waning months, activity is heating up from the Pacific in February, as the Spratly Islands came on for the first of two activations this year. DX0JP was on for about a week but was extremely weak to North America and only a handful of locals got through. Slightly easier to work is Tokelau Island, where opera-



## QRZ DX!

By Peter Dougherty, W2IRT

tors Sara/HA9SDA and Eli/HA9RE are QRV as ZK3RE

between Feb. 3–22. This semi-rare island should generate a lot of interest. Listen for them on the upper bands (12, 15 and 17) late-afternoon and low bands overnight. They're about 7000 miles from us and the beam heading is almost due west. A few nights ago they were blasting in on 40m around 2:30am local time, and have been easy to work on 17, 20 and 40 meters.

If you missed last April's Aves Island YX0LIX DXpedition you had a second chance last week. YW0DX was on from Thursday, Feb 8 until Tuesday, February 13. They had a booming signal on all bands they operated, including 160m. If you worked them, QSL via IT9DAA, with a return envelope and \$2.

Other notable DX operations for February include 5T5DY in Mauritania, J20MM/J20RR from a rare IOTA group (AF-053) in Djibouti, Africa; ZD8WX and ZD8QD from Ascension Island and Peter, J5UAP will return to the airwaves from Guinea Bissau in West Africa. Also look for operations from various Caribbean locations including Haiti, Dominica, the British Virgin Islands and St. Maarten.

### The pointy end of the pileup

Finally, Tom N2YTF and I (and our respective XYLs) are heading to Nassau in The Bahamas (NA-001) the last week of February for a week of rum, radio and sunshine. Look for us on 17, 20, 30 and 40 (and maybe 80, too!), using CW, SSB and RTTY. Tom will be doing some QRP operating from the beach and I'll be running mostly from indoors with my IC-7000 and wire antennas. We'd really like to work as many HoSARC members as possible, either from your home QTHs or from the club shack. QSLs for this operation

(either Tom or me) go to me direct with an SASE or in person at a club meeting. We'll also upload to Logbook of the World either while we're down there or

immediately upon our return. Look for us to be QRV between Feb. 24<sup>th</sup> and March 3<sup>rd</sup>.



*Tower and antenna array at the QTH of W2IRT.*

### Coming Soon

March promises to be a fun month for DXers since we're getting close to the vernal equinox and as a result of DXpeditions to some very rare locations. In next month's column look for details on the upcoming operation from Agelega Island (3B6), the first of two from 3B6 this year, and the second Spratly operation by a group of Japanese hams. Also a big multinational operation will finally put Swains Island (KH8S), the world's newest DXCC entity, on the air in a major way. In between those, look for operations from Samoa, Senegal, Svalbard and a group of Irish hams in Swaziland (3DA).

See you in the pileups!





## Club News and Other Ham Radio Happenings

Tom Golero and Keivan Kehani passed the General License Class exam. Charlie, KC2PED, passed the 5 WPM Morse code test. Congratulations!

The club still has one vacancy on its Board of Directors. If you are interested please contact Chairman Tom Golero.

The assigned call sign is KC2PXT. The club is now working full time on putting up a new 2 meter repeater. Stay tuned!

On Friday, February 23, 2007 the current 5 WPM Morse code requirement officially disappears from Amateur Radio Part 97 Rules. Bye, bye code!

Club dues are here again. If you haven't paid your dues please do so at the next meeting. You can pay your dues to our Treasurer Steve, WB2KDG.

Tom Carrubba, KA2D, is the new Section Manager for the New York City—Long Island (NLI) Section of the ARRL.

We regret to announce the passing of Morris Stein, uncle to Bernie Stein, K2ZIR, this past December.



*Pete, W2IRT*

Pete Dougherty, W2IRT, will be the guest speaker at the February 2007 general membership meeting. His topic will be "DXpeditions". He will explain how to find them, work them, and receive your card from them. He will also be

screening two DX videos: 3YOX Peter The First Island, and FT5XO the Micro-Light Penguins Operation on Kerguelen Island.

On February 3rd HOSARC had one of its largest VE sessions to date. 16 test takers appeared at the Hall. All passed but one. We have 10 new Technician Class and 4 new General Class operators. Congratulations to the entire HOSARC VE Team.

The next VE session is scheduled for February 24th. If you are interested please contact Rob Smith, AB2UV.



*Susan, KB2TEP*

HOSARC's web site was recently featured in an article entitled, "Ham Club Web Pages Revisited". The article was published on the ARRL website. Congratulations to our webmaster Susan Bernstein, KB2TEP, on a job well done!

The club still has a 1.2 GHz repeater for sale. If you are interested in purchasing the repeater please contact Tom, KC2CBA, immediately.

After waiting more than 15 years, HOSARC finally received approval from the New York metro area frequency coordinating organization for its new 2 meter pair: 145.27 output, and 144.67 input.



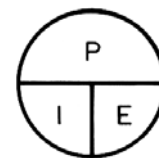
*Club member Anthony Mampilly, KC2OLF, recently visited with Mayor Bloomberg to discuss various issues surrounding public education.*



*Dana Spiegel, President and Executive Director of NYC Wireless*

Dana Spiegel, President of NYC Wireless, was the guest speaker at the January meeting. He spoke on the topic of Wireless Networks. It was an interesting presentation. Mr. Spiegel discussed how to build, use, protect, and access wireless networks. NYC Wireless is a non-profit organization

that advocates and enables the growth of free public wireless Internet access in NYC and its surrounding areas. Founded in 2001 it is an all volunteer organization. Photo by Frank KC2CQR.



# 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.



*Test takers at a NY Hall of Science VE session.*

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](mailto:rob@ab2uv.com)

## HOSARC Ham Radio Training Schedule: Tech and General FCC Licenses

### HOSARC TRAINING SCHEDULE

License Class	Month	Date	Start Time	End Time
VE Session	February	24		
Technician	March	3	9:00 AM	12:00 PM
Technician	March	10	9:00 AM	12:00 PM
Technician	March	17	9:00 AM	12:00 PM
Technician	March	24	9:00 AM	12:00 PM
General	March	3	12:00 PM	3:00 PM
General	March	10	12:00 PM	3:00 PM
General	March	17	12:00 PM	3:00 PM
General	March	24	12:00 PM	3:00 PM
VE Session	March	31		





## 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:*

**Frank Arancio, KC2BAH**

**Charlie Ridgway, KC2PED**

# February 2007

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

## Schedule of Events

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

## Chairman's Report by Tom Golero, KC2CBA



Hello to All!

The club is completing a number of important projects. We are tackling them one by one with the help of some newer members. We still need more members to staff the station on the weekends, especially on Sundays. Please see me for the instructions on how to obtain a door code. The IRLP project is finally wrapping up, and we will post a set of guidelines for its use. I want to thank Steve, Mark, Keivan, Howie, and Rob who spent over 8 hours hard wiring, testing, and tweaking the IRLP connections to the repeater. Thank you for your hard work and dedication to the club.

I am forming a field day committee to plan this year's field day. If you would like to be part of it please see or email me. I expect that this years participation will top last year.

I hope all of you have read the email on the proposed constitutional amendment. The board has hopefully made the elections less cumbersome as well as allow-

ing for growth and increased participation when are our numbers warrant it.

The club is planning a trip to the operate



### *The official HOSARC QSL card*

the radio room aboard the USS NJ berthed in Camden, NJ. As soon as I get a count of how many are interested I'll set a date. We are looking late March or early April.

I would like to welcome Keivan Keihani, W2KTU, as our newest board member. At the clubs last VE session we had 16

people take exams with only one not passing. This was one of our largest turn-outs. Three HOSARC members upgraded to general class: Charlie, KC2PED, Keivan, W2KTU, and myself. Charlie, KC2PED, upgraded to general the old fashion way by passing the code test even though he had a CSE for element three. Lou, Tom Tumino, and Rob did a great job of handling the large number of test takers. The test session on February 24th promises to be just as big. We are always in need of VE's. Please send away for your free VE manual and help with this great program.

If you haven't sent in your dues please do so immediately. I look forward to seeing all of you at our next meeting.

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  
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