

# The NewsFuse

The NY Hall of Science Amateur Radio Club Newsletter

## March 2004

Next meeting Tuesday March 9<sup>th</sup> 8pm

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### Club News

2004 dues should be sent in as soon as possible. Membership applications are available at our monthly meetings or you can download one from the HOSARC web-site <http://www.qsl.net/hosarc/application.pdf>

Please fill out the application and mail it along with your \$20 annual dues to:

HOSARC  
PO BOX 150131  
Kew Gardens, NY 11415-0131

The HOSARC repeater is back on-the-air! The repeater has been cleaned, repaired, restored, reshuffled, refanned, retuned, and put back on-the-air. A lot of club member effort went into this project. We have one of the best amateur radio repeaters available, so make good use of it! If you need help setting up an HT, mobile, or base rig to "get into" the repeater contact a member of the repeater committee and they will be glad to help you out.

The cable for the new runs from the shack to the roof is starting to arrive. See the President's Corner section of the NewsFuse for more...

Don't forget that the April HOSARC meeting will be kit-building-night. See last months NewsFuse for a list of Ten-Tec kits that you can order through the club for a 10% discount. Please send Allan Koenigsberg [ae2j@earthlink.net](mailto:ae2j@earthlink.net) an e-mail with the name of the kit that you will be building at the April meeting.

The HOSARC June hamfest will be held on Sunday, June 6, 2004. Keep your calendar open! We will need your help to make it the great event that it always is!

The HOSARC theme for our participation in Field Day this year is "Just Operate". The field day committee will be holding several meetings over the next few months to get ready for Field Day 2004. Field Day 2004 will be held June 26-27, 2004. To learn more about Field Day visit <http://www.arrl.org/contests/rules/2004/rules-fd-2004.html> If you plan on operating (all members are welcome) then please download and get familiar with

the logger program from N1MM. You can download the program from <http://pages.ctime.net/n1mm>

The Virginia RACES web-site has an excellent section on batteries. As amateur radio operators we are often dependant on batteries for our HT's and portable operation. To learn more about the batteries we depend on visit [http://www.va-ares.org/library/battery\\_care.html](http://www.va-ares.org/library/battery_care.html)

### Chairman's Corner

Lenny Menna  
e-mail: [LMenna6568@aol.com](mailto:LMenna6568@aol.com)

I would like to thank, on behalf of myself, officers, and members, Dave Ellenberg WA2KWP for the fine presentation he gave on antennas. I'm sure that it answered many questions on concept and performance you may have had. It also represents the knowledge and talent that is present within our membership. Thank you again Dave.

I would also like to encourage all members to join the different committees that have been formed. You will find the participation is both informative and enjoyable. You can also join more than one committee if you wish. Your input will make a difference.

Thanks to Tom Golero, for installing the new conduit runs. I'm sure he will need lots of help pulling the new cables. See him and participate. You'll feel great and he will be thankful.

If you have ideas on the appearance of the club station, please see Ken Newman K2JLK or Bernie Stein K2ZIR. They will be presenting your ideas to the HOSARC board. Changes are needed, so that the new station will conform to the new-and-improved theme at the NY Hall of Science.

Don't forget about ordering your project kits for the April kit building meeting! If you have not picked your yet, see Al Koenigsberg with your kit choice and money at the March meeting. Time is short and the order needs to be placed soon.

Thanks again to Marc Eidelberg WR2I for his repair and work on the club repeater. His help and knowledge is greatly appreciated.

Finally I would like to thank all the members that have given their time to club affairs. Without their help the club would fail to function.

Hope to see you all at the March meeting....

73'S Lenny W2LJM

### President's Corner

Tom Golero KC2CBA  
e-mail: [tomflushing3@aol.com](mailto:tomflushing3@aol.com)  
phone: 718.886.3175 (Evenings Please)

On behalf of the club I want to welcome our newest member Wally Wentworth and I hope that all you have sent in your dues for 2004. Last year we had a membership roster of over 90 members, lets see if we can top that figure this year.

I want to thank Allan AE2J for representing the club at the ARRL Hudson Division Club Presidents Meeting. Allan reported back to the club the developments that are occurring with the proposed incentive licensing restructuring and the mentor program that will accompany it. For more information on these programs visit <http://www.arrl.org>

At our February meeting Dave Ellenberg WA2KWP gave an informative talk on stealth antennas. Dave lives on the 10<sup>th</sup> floor of an apartment building in midtown Manhattan and has been very successful using a variety of stealth antennas and indoor antennas to work hundreds of DXCC entities. Dave prepared a great handout with lots of information and he brought in some of the antennas he uses at home. With the limited time we have at our meeting we just scratched the surface of the many aspects of antenna design and construction. Dave would like us to remember the big four in antenna selection: Height, Resonance, Capture Area and Earth/Ground. What I got out of talk was that experimenting and figuring out what you need to operate is at the heart of this hobby and no matter what your situation may be you can operate if you want to!

The day after the meeting, I received the March issue of QST and one of the articles was on indoor antennas. The author gave some brief descriptions of the antennas he uses but what was the most interest to me was that he has worked 257 countries and now has 250 confirmed using indoor antennas and 100 watts. This is a feat that many operators don't achieve even with outdoor antennas and more power.

At the February meeting the repeater committee announced that they had cleaned, fixed and reassembled the repeater and it was back in operation A

big thanks goes out to Marc WR2I, Ted KC2HEV and Sidney KC2GEC for their time and effort in getting the repeater on line. The repeater still needs some fine tuning and I have been told a new duplexer. I am confident that the repeater committee will address these issues shortly and have a report ready for the club on improvements that have to be undertaken to our machine.

The club's conduit and cable replacement project is progressing nicely. At the time of this writing all aspects of the conduit run have been completed and the donated cable is at the hall. We are awaiting a shipment of coax from Nebraska and hopefully we will be pulling cable by mid March. After the cable is pulled and connected, the club will enter into phase II of our project which is the clean up, rearranging and installation of more counter space in the shack.

Phase III will involve reworking all the antennas on the roof in the summer months. I want to thank all those individuals who have worked on the conduit project to date: Bernie K2ZIR, Steve WB2KGD, Ted KC2HEV, Terry KC2JOJ and Art WA2YQV. After this project is over this list will grow substantially. I will be calling a work party shortly if the cable arrives before our next meeting, so don't have anyone at home answer the phone for you and say your not home when in reality your watching TV on the couch, I'll find out anyway.

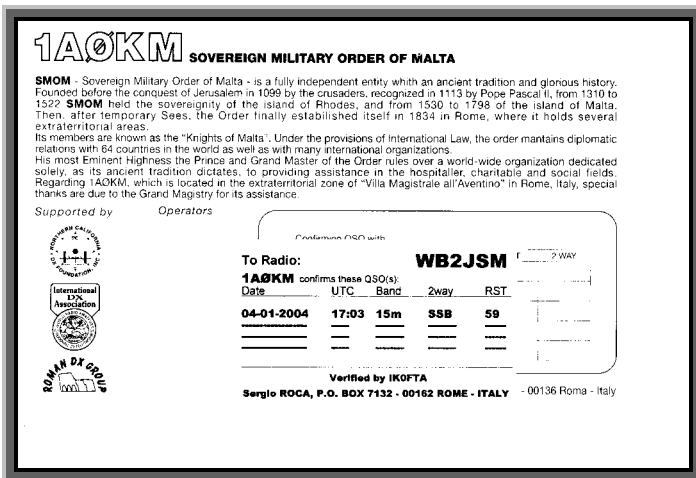
Activities for March include our Road Trip to the Timonium, Maryland Hamfest on Saturday the 27th. I need a list of drivers and the capacities of their vehicles as well as a list of those who need a ride so I can coordinate the driving roster by the next meeting. Additionally there has been talk of setting up a club table at the Hamfest with all interested parties manning the table for an hour at a time. If you have equipment you want sell please let me know and we can work out an arrangement for a tailgate space. I am sure you all have heard by now the good time we had last year on this trip and I'm hoping this will make more of you want to join us this year.

We will be meeting in front of the museum on 111st at 5:00 A.M. and returning around 10 P.M. If you plan to attend, it is advisable to bring food and drink with you. It's about a four hour drive to Maryland and the food at the event is typical Hamfest food. If you have any questions please contact me ASAP or visit <http://www.gbhc.org> for more information.

I hope to see all of you at our next meeting.

73's Tom Golero KC2CBA

## DX at the shack



Once again the intrepid DX hunter we know as Peter W2IRT has snagged another rare DX entity for WB2JSM. This month's selection is a 15meter contact with 1A0KM, The Sovereign Military Order of Malta which took place on 4/1/04. 1A0KM is only active one weekend or so every few years and Pete spent a lot of time in the shack the weekend they were on the air to work them. According to DX Magazine, 1A0 ranks 23 in the 100 most wanted list. The SMOM has a very interesting and unique history. The back of their QSL card gives a very brief outline of the order. However if you want to learn more on this fascinating independent entity please visit <http://www.sixitalia.org/1a0km/1a0km.htm>

By Tom Golero KC2CBA

## HOSARC 2004 Committee List

Note: It is not too late to be on one of the HOSARC committees. If you are interested in helping out or learning more about a committee, see Len Menna K2LJM or Tom Golero KC2CBA at the next general meeting.

Activities: Tom Golero KC2CBA (Director), Art Breen WA2YQV, Jim Schneider WA2UTR

Constitution & By-Laws: Dave Ellenberg WA2KWP (Director), Al Levine KB2SDX

Education & VE Exams: Ernie Paul KC2WD (Co-Director), Len Menna WA2LJM (Co-Director), Sal Lombardo WB2HQO, Harvey Fermaglich N2EOI, Dave Ellenberg WA2KWP, Al Koenigsberg AE2J

Finance: Steve Greenbaum WB2KDG (Director)

Interference: Sal Lombardo WB2HQO (Director), Jim Schneider WA2UTR

Membership: Al Koenigsberg AE2J (Director)

Publications: Ted Bicking KC2HEV (Director)

Public Relations: Howie Weissman WB2HLW (Director)

Grievances: Dave Ellenberg WA2KWP (Director), Al Levine KB2SDX

Technical: Elmar Vaher K2EL (Director), Sal Lombardo WB2HQO, Tom Golero KC2CBA, Ernie Paul KC2WD

Station: Ken Newman K2JLK (Co-Director), Bernie Stein K2ZIR (Co-Director)

Hamfest: Steve Greenbaum (Director)

Field Day: Tom Golero KC2CBA (Director), Len Menna W2LJM

Good & Welfare: Alice Newman KC2JIR (Co-Director), Ilda Schneider KC2JOM (Co-Director)

Meeting Refreshments: Ernie Paul KC2WD (Director)

Repeater: Sal Lombardo WB2HQO (Director), Ted Bicking KC2HEV, Marc Eidelberg WR2I, Bernie Bretton AB2GG, Sidney Ko KC2GEC, Steve Greenbaum WB2KDG, Jim Schneider WA2UTR