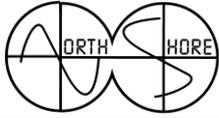


# NORTH SHORE ARC



Box 171, Oshawa, ON, Canada, L1H 7L1  
<http://www.ve3osh.com/>



Volume 8 , Number 1

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## Don't Forget the Wednesday Evening Net.

From Will VA3WEW.

Remember our Club net is on 147.120 + at 7:30PM local time every Wednesday. Plan to be there.

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## ARISS Team Looking for Ground Stations



From Joe VE3VGJ

January 22, 2008

Do you want to be part of the international network of ground stations that help support Amateur Radio on the International Space Station (ARISS) operations? ARISS is looking to add numerous ground stations capable of relaying ISS amateur radio sessions with schools and also serve as back up communications relays should they be needed. Locations worldwide will be considered, but of greatest interest is the need for stations in Central America, South America, Falkland Islands, Western Australia, Canada, and Alaska.

The following are guidelines for stations wanting to be considered:

- Third Party agreement with United States or waiver from their telecom agency
- Ability to speak and understand English
- Minimal horizon obstructions
- 24/7 access and availability of station
- operator(s) willing to support scheduled contacts at various times
- Phone patch
- AZ/EL tracking satellite system, preferably an auto tracking system with the capability for manual override
- Multi-element yagis for 2 meters and 70 cm (Circular polarity preferred)
- Pre-amps
- Transmit output greater than 70 watts

NOTE: If you can specify your station's EIRP and receive sensitivity (thereby taking into account cable losses, pre-amps and antenna gain), it would be greatly appreciated.

Stations that can support the following will be given special consideration, but these items are not required:

- Auto Doppler adjustment of frequencies
- Ability to speak and understand languages other than English
- 1.2 and 2.4 GHz satellite hardware
- Packet
- SSTV
- Digital ATV
- Redundant power system

- High-speed internet

If you or your club would like to be considered for selection as one of the new ARISS telebridge stations then send an email with details about your station and contact information to [ARISS-telebridge@amsat.org](mailto:ARISS-telebridge@amsat.org).

Frank Bauer, KA3HDO  
ARISS International Chairman  
AMSAT V.P. for Human Spaceflight Programs

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## Have you renewed your Club Membership?

If you haven't renewed your Club membership for the coming year please consider doing so soon. When you do renew your membership, please take a moment or two to verify your contact information and your email address. This is very important for the membership secretary and the Club executive.

<http://www.ve3osh.com/08-Membership-Form.pdf>

Our Membership Secretary is looking forward to hearing from you.

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## From the Chair in the Shack

Time sure flies when you are having fun! Here comes another meeting and we still are short of paid up members. Now we understand that some of you have financial woes, in fact that there are more coming over the next while. The fact is that the club depends on both your membership in NSARC but RAC. You see, our insurance rates are based on the percentage of RAC members and our previous percentage saved us about a thousand dollars in insurance premiums. I have to tell you that my money was not on the table until after Christmas because I'm forgetful and lazy. My example is not one to be followed.

You know, most of us have some facet of amateur radio we decided to explore and we have the stuff to pursue it stored somewhere. If dough is short, why not dig through your stuff and find a project to play with. I'm still working on making the Microsoft GPS work with a tracker. More on this at the meeting. If you have a computer with a sound card, you can explore RTTY, PSK31, packet, Slow scan TV and many other modes with any receiver that can get single sideband. You don't have to transmit in order to find out lots. Then as you like it, you can go the rest of the way.

Slow scan TV is just one thing that you can also use on 2m FM, You will need to connect audio from the computer to the mic input of the radio and if you can solder a couple of resistors, it is easy to do. I guess my point is that each of us could try something new or incomplete and share with our fellow members. Each of us is an expert in something (or could be) and every one of the rest of us would like to hear about it.

73 de Pete

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You often hear people asking "why me?". Usually it's related to something that happened that would be considered bad or unpleasant. On the other hand I was thinking "why me?" because of the great benefits I see in my life. Why am I so fortunate? Looking at the freedoms we enjoy, opportunities around us, and what we have, I think 'but for the grace of God' things could be a lot different. Even in tough times, we are far better off here than they are in other places. We have the opportunity to contribute to our society through a hobby that can be fun and rewarding on many levels. We have friendship and camaraderie in a great Club. Now is the time to all pull together, so we're not pulled apart.

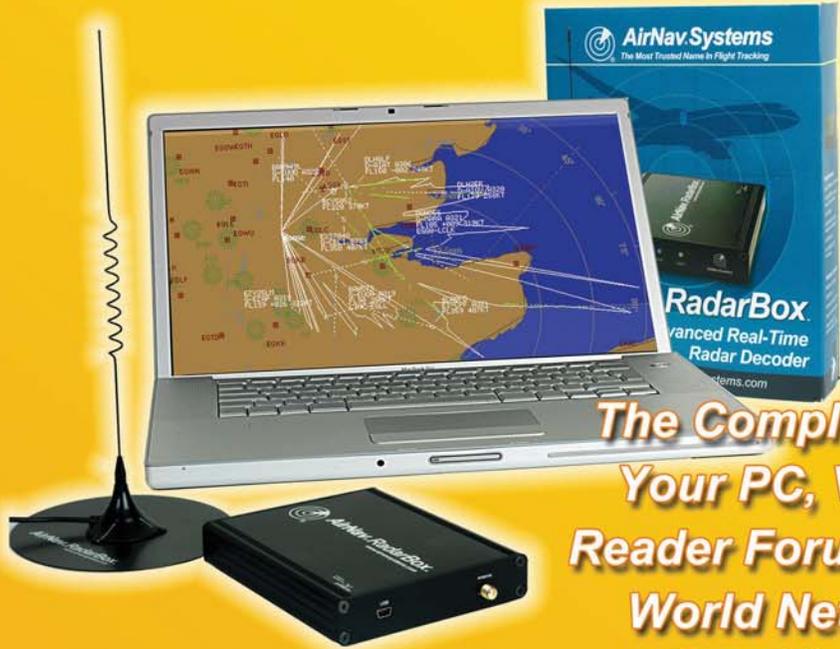
Your humble scribe,

Ken  
VE3RMK

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