



FOX CITIES AMATEUR RADIO CLUB, INC.

QSO'ER



P.O. Box 2346 Appleton, Wisconsin 54912

www.fcarc.us

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Volume 24, Issue 1  
January 2011 Issue

2009 "Ham of the Year" John Touzinsky K9KI

"I Resolve to be more active in Amateur radio"

If it wasn't, that should have been one of your New Year's resolutions. As one year ends and another begins, we reflect back on what was, what could have been, and set our sights on what we think we can in the new year. There are many club activities and events throughout the year, a lot of new call signs on the air, and chances to mentor new hams and make new acquaintances in the new year.

Speaking of accomplishments, many thanks to Tony AB9IO for our 501(c)3 status. There have been a slew of people working on this in the past for us and it has finally come about. Thank you to everyone.

The 145.330 is still down while we await an opportunity to have the antenna repaired hopefully mid-month or so. We still have two other fine repeaters in the 146.76 and the 443.650. Make use of these fine club assets and if you care to help support them, Tony is still taking donations for the repeater fund drive and proceeds from your membership also go to help support and maintain them.

The next club meeting will be on Tuesday Jan 18th at 7pm in room 1346 of the UW Fox Valley Campus on Midway road in Menasha. This is a change from the normal Monday meetings as the campus is closed in observation of Martin King Luther Jr. We are still accepting nominations for Ham of the Year, the Banquet is coming Feb. 26th, followed by the Wisconsin QSO Party mid March, and club elections in May. A friendly reminder that all memberships now expire in January and the renewal list is located on page 4.

And finally, Thank You! to all of you for everything you do and making this the great club it is. 73, K9KI

**FCARC Officers**

- *President— Tony Mach (AB9IO)*
- *Vice-President— Brian Long (KB9LRD)*
- *Treasurer— Frank Livermore (N9LT)*
- *Secretary— John Touzinsky (K9KI)*
- *Membership Co-ord— Dan Vanevenhoven (N9LVS)*
- *Technical Director— Andy Palm (N1KSN)*

**Members At Large**

- *Rich Kelly (N9AQ)*
- *Mike Smith (N9IAT)*
- *Neil Touzinsky (KC9MLD)*

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**Fox Cities Amateur Radio Club, Inc.**  
**General Membership Meeting**  
**Agenda for December 20<sup>th</sup>, 2010**

**Board of Directors FCARC**

President: Tony AB9IO; Vice-President: Brian KB9LRD; Treasurer: Frank N9LT  
 Secretary: John K9KI; Membership Coordinator: Dan N9LVS; Technical Director: Andy N1KSN  
 Members at Large: Rich N9AQ, Mike N9IAT, Neil KC9MLD

“John Touzinsky K9KI is our 2009 “Ham of the Year””

**Presiding Official:** Anthony Mach, AB9IO

**Call to Order and Opening Remarks:** President, Anthony Mach, AB9IO

**Quorum count:** Vice President, Brian Long, KB9LRD

**Introductions / Roll Call**

**Welcome to Our New and Renewed Members!**

**Old Business:**

**Discussion: Old Business**

**New Business:**

- A.) Awards Banquet Feb. 19<sup>th</sup>, or Feb 26<sup>th</sup> ?
- B.) Ham of the Year Nominations Begin! – AB9IO
- C.) FCARC Corporation status – AB9IO
- D.) Thoughts on the FCARC monthly newsletter – AB9IO
- E.) A holiday surprise – AB9IO
- F.) Any other business which may come before the membership – AB9IO

**Discussion: New Business**

**Committee/Coordinator Reports:**

**Hal Report:**

None

**Show and Tell:**

None

**Announcements: Awards Banquet – TBD**

**Adjourn:** (Accepting a motion to adjourn)                      (2nd)                      (V: M)

## [How Ham Radio Operators Can Contact the ISS \(International Space Station\)](http://www.hamradioresources.com/blog/how-ham-radio-operators-can-contact-the-iss-international-space-station/)

<http://www.hamradioresources.com/blog/how-ham-radio-operators-can-contact-the-iss-international-space-station/>

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Contacting the ham radio operator astronaut(s) on board the International Space Station may be much easier than you think. At least, after you have done it and know what you know, it seems easy. In reality, it's not all that difficult. Here are some resources and procedures that will help you. My first contact with them was on 10/11/2010. Was it worth the effort... well... YEAH!!!

- A 2 meter ham radio. Nothing fancy required. Power is good (I used 50 watts) but you can do the job with a HT (hand held radio) and 5 watts and the right antenna. One thing that IS required is the ability to transmit on one frequency and listen on another. Sound like basic repeater functionality? Yeah – but the distance between the receive and transmit frequencies is much greater than on standard repeaters. Read further for details on frequencies. No tones are needed for the International Space Station (ISS). Tones are required for other amateur radio satellites.
- A 2 meter ham radio antenna. Need a huge array and fancy rotator? No sir! What I used was a magnet mount base, PL-259 to NMO mount converter and an NMO dual band 5/8 wave antenna. Total cost – less than \$100. The mount was as much as the antenna. Why? So that I could mount various antennas on one mount. Selection of a less expensive magnet mount single band 2 meter antenna would be just fine! Figure \$50 brand new with freight – or get one at a hamfest or borrow one.
- An antenna mount. Need a massive tower and ground radial system? No sir! I used a 4 drawer file cabinet in my home office... Total clearance from antenna tip to ceiling? Less than ½ of an inch... The house is also sided with aluminum siding...

**CRITICAL** in my estimation is the ability to track, or predict, when the International Space Station (ISS) will fly over, what direction it will come from and go to, and what height (angle) it will be in the sky. There is no one BEST method. Your choice will depend on your budget, resources, etc.. I had a PC and internet connection and I downloaded the FREE “Ham Radio Deluxe” program that includes a satellite tracking program. Get your [Ham Radio Deluxe software](#) FREE and get to know it. Use the software to alert you, even via digital voice, when to make your attempt. There are web based alternatives – do a Google search for “satellite predictions” and “satellite tracking” for many more alternatives.

Know the correct frequencies. Visit [www.AMSAT.org](http://www.AMSAT.org) to find the information on various satellites and how to work them. For specifics on the International Space Station (ISS) go to their section [HERE](#). Specifically, read everything from this section <http://www.amsat.org/amsat-new/ariss/#freqs> through the bottom of the page.

- Set-up your radio. Remember that for the International Space Station (ISS) use NO TONE. This is probably NOT the default setting on your radio if you work repeaters. Read your radio manual to determine how to do split frequency operations. You may be able to set one frequency in your “A” VFO and one in your “B” VFO and switch between them after transmitting. My radio could do this. It also could set them up as a repeater (remember to adjust the offset...) or it would allow me to set them up as a Split Memory pair of frequencies. Two radios also would work – a HT to listen and another radio to transmit.
- Learn to say your call sign in proper, standard phonetics. Remember that you are talking to trained professionals. They will NOT appreciate and may not even understand any “cutesy” personalized phonetics. Also learn to transmit your CITY quickly after your call sign. The city will help others know that the astronaut wants YOU to tell them the rest of your call sign in case they miss part of it.
- Lastly, do have some patience. They may be busy. You may be busy. Remember that ham radio on the International Space Station is generally done in their spare time. Good luck busting your first space pile-up!

This months feature article comes to us from FCARC member Jon Kreski AB9NN.

Jon is active in the club and on the amateur bands including HF mobile. Jon is also active with ARES as well as a VE for testing. Jon runs his own website at <http://www.hamradioresources.com/> and has given us permission to use his article from his blog site <http://www.hamradioresources.com/blog/>.

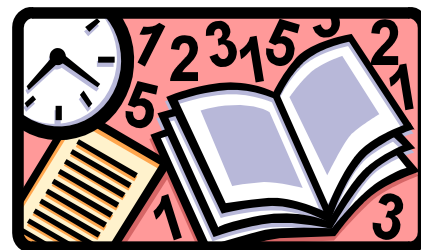
This article may be found as originally posted on his site at <http://www.hamradioresources.com/blog/how-ham-radio-operators-can-contact-the-iss-international-space-station/>.

I would like to thank Jon for sharing this experience with us and his contribution to the newsletter. K9KI

## Elmer's Contact List

This is a listing of HAMS who are willing to help other HAMS out in special areas. Feel free to contact these fellow HAMS with any questions:

Call / Name	Specialty Area	Phone #
N1KSN- Andy	CW	720-0617
N9OEQ- Chuck	HF & VHF Digital Modes	788-5497
N9TNW—Bill	HF & Satellite	739-6827
N9LVS—Dan	FCC Personal Data Changes	205-4899



## Membership Renewal Reminders

As a reminder-- the following is a list of membership renewals expired or expiring this year.

**If you have already renewed—thank you.**

If not, you can renew with Frank(N9LT) at the next club meeting.

All membership renewals now have a January renewal date.

1/1/2011	AB9AH
1/1/2011	AB9IO
1/1/2011	K0TIW
1/1/2011	K9KI
1/1/2011	K9WWW
1/1/2011	KB0DKD
1/1/2011	KB9AIT
1/1/2011	KB9LRD
1/1/2011	KC9BMH
1/1/2011	KC9HIP
1/1/2011	KC9JRH
1/1/2011	KC9KZN
1/1/2011	KC9LWD
1/1/2011	KC9MLD
1/1/2011	KC9NLL
1/1/2011	KC9SCO
1/1/2011	KF9JA

1/1/2011	KG8RF
1/1/2011	N9AOT
1/1/2011	N9AQ
1/1/2011	N9BPO
1/1/2011	N9IAT
1/1/2011	N9OEQ
1/1/2011	N9SGG
1/1/2011	N9UY
1/1/2011	N9VVB
1/1/2011	N9XCQ
1/1/2011	ND0L
1/1/2011	W9GLD
1/1/2011	W9RIC
1/1/2011	WB2LBE
1/1/2011	WB9OJE
1/1/2011	WB9ZNA
1/1/2011	WJ9K

M e m b e r s h i p s  D u e  I n 2 0 1 2	1/1/2012	AB9NN	1/1/2012	KK0I
	1/1/2012	K6JDF	1/1/2012	N9AI
	1/1/2012	K9GAD	1/1/2012	N9LDA
	1/1/2012	K9JEN	1/1/2012	N9LT
	1/1/2012	K9OSH	1/1/2012	N9LVS
	1/1/2012	KB0KFX	1/1/2012	N9PBM
	1/1/2012	KB9BYP	1/1/2012	N9QLP
	1/1/2012	KB9JGW	1/1/2012	N9RQM
	1/1/2012	KB9WAF	1/1/2012	N9SVB
	1/1/2012	KC9DEF	1/1/2012	N9TNW
	1/1/2012	KC9EYA	1/1/2012	N9YMC
	1/1/2012	KC9FSH	1/1/2012	ND9DW
	1/1/2012	KC9GVM	1/1/2012	W9APL
	1/1/2012	KC9HLI	1/1/2012	W9MDP
	1/1/2012	KC9HYC	1/1/2012	W9OD
	1/1/2012	KC9IZF	1/1/2012	W9RCK
	1/1/2012	KC9MDZ	1/1/2012	W9SBY
	1/1/2012	KC9RKT	1/1/2012	W9USX
	1/1/2012	KC9SDK	1/1/2012	WA8HBE
	1/1/2012	KC9TAC	1/1/2012	WB9QFX
	1/1/2012	KC9TAE	1/1/2012	WS0C
	1/1/2012	KC9TFM	1/1/2013	K9OQO
1/1/2012	KD8KRS	1/1/2013	N1KSN	
1/1/2012	KI4MFL	1/1/2013	W9HAN	

Have something Ham related to sell? If so, contact the [Newsletter Team](#) via our website to arrange for it's insertion in the next issue of this newsletter. We will run it in the newsletter and on-line at [www.fcarc.us](http://www.fcarc.us)

## •Club Information

### Meeting information & location

We meet at [UW-Fox Valley](#)  
1478 Midway Road  
Menasha, WI 54952.  
Room 1346  
Meetings start at 7:00 PM every  
third Monday of the month.

## VE Testing Dates

Interested in Amateur (HAM) Radio? Need to upgrade your license? The FCARC can help you with both of these.

With the exception of the November test date, all testing is done at the Red Cross Building at 1302 E. Wisconsin Ave. in Appleton. Test check in is from 8:00 am until 8:30 am. The cost is \$15.00.

Here are the tentative dates (subject to change) for 2011:

February 12th    April 9th  
June 18th        August 13th  
Nov 6th at the Ham Fest

## •Upcoming Events

Tuesday Jan 18th	General Membership Meeting. This is a shifted date as the Campus is closed on Mon the 17 for MLK Jr.
Feb 14th	Board Meeting
Feb 21st	General Membership meeting
Feb 26th	Annual Club Banquet

If you are interested in net control, contact Eric KG8RF for the 2 meter net and Tom N9UY for the 6 meter net to sign up!

### Wednesday 2 Meter Net Net Control Operator schedule

Jan 12	N9UY Tom
Jan 19	N9AQ Rich
Jan 26	KC9MLD Neil
Feb 2	W9HAN Brad
Feb 9	N9UY Tom

### Thursday 6 Meter Net

Day: **Thursday**  
Time: **8:00 pm**  
Frequency: **52.570 FM**

**Join me in welcoming the following new members and thank the renewing members**

AB9NN, KD8KRS, N9RQM, N9SVB, W9RCK, W9HAN, KC9GVM, KC9RKT

# FOX CITIES AMATEUR RADIO CLUB W9ZL, INC

## Membership Application Form

Check one:

**New Membership**                       **Renewal** (for existing members)

DATE \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ CALL SIGN \_\_\_\_\_

LICENSE CLASS \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

ARRL Member     Yes     No

**Membership dues for one year:**

\*Full - \$15.00 \*Associate (non ham) \$15.00 \*Student - \$10.00 \*Retired - \$10.00

\*\*Family – Member dues plus \$5.00 each additional family member residing at the same address

\* A prerequisite to the family membership \*\*see by-law's Article IV section1

Please make checks payable to **FCARC**  
Mail to: **FCARC P.O. Box 2346 Appleton, WI 54912**

**Admissions Use:**

ID# \_\_\_\_\_

Database     List server-newsletter     List server-email     Website renewal corner  
 Website member     Agenda     Newsletter editor