

The Hertzian Herald



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SSTV on AO-51 this weekend

This weekend **AO-51** will operate in a special mode in anticipation of the visit of **Richard Garriott W5KWQ** to the ISS.

Richard's launch is currently scheduled for October 12th, with docking at the ISS on the 14th. Richard plans on being very active from the ISS ham station, including extensive operation with Slow Scan Television (SSTV).

In preparation for this event, **AO-51** will be configured with dual repeaters for the weekend of October 11th and 12th.

The primary repeater on **AO-51** will be configured with an uplink on 1268.700 FM and downlink of 435.300 FM, and will be designated for this period as an SSTV repeater.

Users are encouraged to exchange SSTV images in **ROBOT 36** mode, as an opportunity for others to practice receiving SSTV images from space before the ISS activity.

Please keep the images transmitted to space-related themes, and to the **ROBOT 36** mode. Polite and courteous operation among those sharing the uplink is crucial to the success of this mode.

Concurrently, there will be a QRP voice repeater running on 145.880 FM uplink and 435.150 FM downlink. Users are asked to use 10 watts or less, and omnidirectional or handheld antennas only.

Good luck receiving SSTV images this weekend, and from the ISS during Richard Garriott's flight.

73, Drew KO4MA AMSAT-NA VP Operations

AMSAT Online Satellite Predictions (enter **AO-51** or **ISS**):

<http://www.amsat.org/amsat-new/tools/predict/>

Slow Scan TV Software **MMSSTV**:

<http://mmhamsoft.amateur-radio.ca/>

Nova:

<http://www.nlsa.com/>

Google Earth Satellite Tracking:

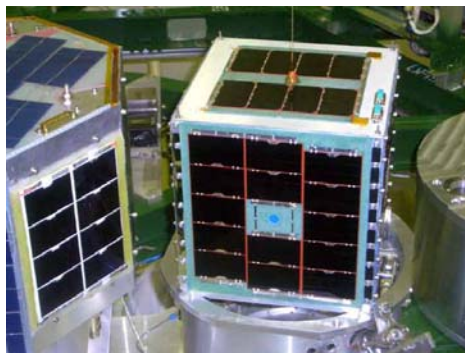
<http://www.n2yo.com/>

Satscape Satellite Tracker:

<http://www.satscape.co.uk/>

ISS Fan Club:

<http://www.issfanclub.com/>



Club Officers

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MCRCA Minutes:

September 18, 2008

1. Call to order by President Rich Kraatz at 7:30 PM
2. Pledge of Allegiance.
3. Introductions by members and guests.
4. Door prizes were won by Keith K8YKD, Nick AF8CS and Neil KA8PQH.
5. 50-50 won by Keith K8YKD and donated to Chuck DeWilde Scholarship Fund, \$10.00
6. Approval of minutes. Moved by Clarence Revels, seconded by Rita Baker to approve Minutes of the August meeting, passed. Moved by Keith Saari, seconded by Rita Baker to approve the September meeting minutes, passed.
7. Treasurer's Report, deferred to future meeting.
8. Reports:
 - a. DX: Olimpio Varsogea reported that there are no sunspots and there is little DX activity.
 - b. Hertzian Herald: Rita Baker offered comment about the great job that Editor Fred VanDaele is doing and the Herald looks very professional with its new colors and is easy to read.
 - c. Training: Rita Baker discussed a recent Tech Class held in Toledo and that we could put one together for this area with a few as 10 interested persons.
 - d. Testing: Rita Baker reported that Paul W8PI will need additional help for the October session as she and Nick will be out of town.
 - e. ARPSC: Pete Hendricks reported there will be some on-air testing this weekend in advance of the upcoming Simulated Emergency Test. Anyone monitoring the 146.72 repeater is asked to respond to any test calls.
 - f. Repeater Assn.: Dale Williams reported that the Ann Arbor 220 system the River Raisin Repeater Assn owns will be moving back to the Monroe site, and the 2-meter repeater antenna at the Stewart Road receiver site has been replaced.
9. Announcements:
 - a. Michigan ARRL Convention will be held at Kalamazoo on October 12. Flyers are available this evening.
 - b. The Ann Arbor Hands on Museum is going to include a ham station in their facility. Keith Saari moved to donate \$50.00 the museum to assist its growth. Second by Nick Peth, motion passed.
10. Program: Dale Williams gave a Power Point talk on the ARRL Michigan Youth Conference that was held in April.
11. Adjournment 8:41 PM, by consensus.

Attendees: WB8FBG, AF8CS, K8YKD, KD8DMJ, WB8SEZ, KA8PQH, KA8OAR, N8YQW, WA8EFK.

Respectfully submitted, **Dale Williams** for Fred VanDaele



Committees

Classes

Rita Baker WB8FBG

Club Station

Rita Baker WB8FBG

DX Net

Olimpio Varsogea WB8SEZ

Field Day

Jeff Breitner KA8NCR

Finance

Paul Trouten W8PI (chair)

Fred VanDaele KA8EBI

Dale Williams WA8EFK

HamFest

Pete Hendrick KD8DMJ

Hertzian Herald

Fred VanDaele KA8EBI

Historian

Nick Peth AF8CS

Public Relations

Jeff Breitner KA8NCR

Scholarship

Fred VanDaele KA8EBI

School Liaison

open

Programs

open

Membership

open

Planning

open

Property Custodian

open

River Raisin Repeater Association

Repeater Updates

— News from the local repeater group.

224.78 Repeater coming home. The RRRR repeater that has been located in Ann Arbor for 10 years will be returning to Monroe County in the immediate future. The Repeater Association moved the system from the LaSalle site to Ann Arbor to assist Monroe, Lenawee and Washtenaw in having better access to the MICON Weather system through a cross-link to the network on 220. This past year, MICON has made some network improvements that extend their RF coverage into the region covered by the 220 system. It is now possible to return the machine to LaSalle. The re-coordination paperwork has been submitted to the Michigan Area Repeater Council. As this repeater includes an existing link transceiver, the RRRR has elected to change the cross link to tie the 224.78 system to the Dundee 442.825 repeater.



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In other improvements, the RRRR will be upgrading the IRLP node in the next few weeks. This upgrade will allow smoother operation and reduce the potential wait time between transmissions. IRLP is the Internet Radio Linking Project, which permits RRRR to link the 442.825 to thousands of repeater sites around the world. IRLP is a refined network using Voice over Internet Protocol (VoIP) to connect "Nodes" (repeaters) around the globe. It also includes "Reflectors" which are groups of inter-tied nodes which serve nets or specialized rag-chew and emergency operations. You can visit www.IRLP.net for complete information.

Users can expect an outage of the Dundee IRLP connection while the upgrade is taking place. RRRR will be providing updates in the Hertzian Herald and on the local ARPSC Net to keep everyone informed of the progress. The ARPSC was very successful in using the IRLP node to connect National Guard teams at the Monroe County Fairgrounds to their headquarters in Lansing during the Operation Safeguard last year. The entire demonstration was done by radio amateurs with handie talkies.

RRRR does encourage everyone to join and support the organization, as this of course helps in offsetting the continued operating costs. Interested individuals can contact Mike N8KUF for membership information n8kuf@arrl.net Founded in 1971, RRRR operates 5 systems to serve Monroe County hams. 146.72, 444.55, 442.825, 224.78 voice repeaters and the RRRR 144.91 J-nos packet radio digipeater.

Candidates for Great Lakes Vice-Director

This year, there will be an election for Vice Director of the Great Lakes Division. (Jim Weaver, K8JE, is running unopposed for Director). Dan Romanchik, KB6NU, Gary Johnson, KI4LA, and John Meyer, NB4K, are the three candidates for Vice-Director. The ballots for the election will be sent to ARRL members in the next week or two. Below are their statements.

Why I'm Running for Great Lakes Division Vice Director

By Dan Romanchik, KB6NU

Amateur radio is a great hobby and a real public service. Amateur radio has given me a lot, and I have tried to give back to this great institution:

- | I have served as the Michigan Section Affiliated Club Coordinator for the past four years.
- | I have served as president, and currently am on the board of directors for ARROW, our amateur radio club in Ann Arbor, MI.
- | I teach both Technician and General Class license courses. In addition to teaching, I've written study guides that have helped many pass the Technician and General Class written exams. These study guides are available for free on my website at www.kb6nu.com/tech-manual.
- | I helped organize and have participated in "Radio Merit Badge Day," an event jointly sponsored by our club and the local Boy Scout council. Over the past two years, nearly 300 Boy Scouts have earned their radio merit badges at these events.
- | I am spearheading a project called Ham Radio at the Hands-On Museum. The goal of this project is to set up a permanent amateur radio station at the Ann Arbor Hands-On Museum (www.aahom.org). This station will be in operation by the end of October 2008.

If you vote for me for Great Lakes Division Vice Director, I'll use the experience that I've gained with these activities to help even more people obtain their licenses, make amateur radio more enjoyable for those of us already licensed, and work to ensure that amateur radio continues to serve the public interest. Here are some of my "hot buttons:"

- | Increase ARRL membership. Currently, less than 25% of all licensed amateurs are ARRL members. If the ARRL wants to truly call itself the "National Association for Amateur Radio," that number must be higher. Let's set a goal of 30% or more and devise plans to get us there.
- | Get hams more involved. We need to find a way to get hams more involved, both with the hobby in general and with the ARRL in particular. Hams who are not active and committed do not write letters to their congressmen, do not participate in emergency communications and public service activities, and do not see any reason to belong to the ARRL. An active, committed membership is key if we are to reach the goals we have set for ourselves.
- | Support clubs and educators. Clubs are often the first point of contact that people have with ham radio, and successful, thriving clubs will encourage more people to become active amateur radio operators. We need to improve the Affiliated Clubs program so that there's more incentive to become an affiliated club and provide more support to those currently teaching ham radio classes or who want to teach ham radio classes.
- | Act in accordance with all five "purposes" of amateur radio. Part 97 spells out five different purposes for the existence of the Amateur Radio Service. These include "advancing the state of the radio art" and "enhancing international goodwill." I would like to see the ARRL devote more time and energy to these endeavors. This is another reason to get more hams involved. These are not small undertakings and we'll need every ham we can get, first to define programs and then to execute them.

Please feel free to contact me about any of these issues or issues that you think need addressing. My e-mail address is kb6nu@arrl.net.

Thanks for your time. I appreciate your vote.

Hello,

I am sending you this e-mail so you will be better informed about me and my abilities to make a good Vice-Director. Please read it, and if you agree with me, then I would appreciate your vote when you receive your ballot within the next two weeks.

My name is John D. Meyers, NB4K. I am 61 years old and a graduate of Princeton High School (1966) in Sharonville, Ohio. I'm married to Shirley A. (Oaks) Meyers with three children, two girls and a boy (who is in the United States Air Force and stationed in Tucson, AZ), four grandsons and one great granddaughter and one great grandson. Shirley and I live in Pendleton County with a Butler, Kentucky address. I am retired and enjoy my hobbies and my church (Grassy Creek Christian). We like to travel in our motor home and over the last 30 years we have been in 40 of the 48 contiguous states.

Here are some of my qualifications for this position. I have been an Amateur since 06-81 as a Novice KA4UZN, Technician in 02-82 N4GNL, General in 04-87 N4GNL, Advance 01-89 N4GNL and Extra 03-2001 NB4K. I have been a league member since 1983. In 1981 I accepted the position of Emergency Coordinator of Kenton County Kentucky, although not a league member I remained in this position for two years then assumed the duties of District Emergency Coordinator (DEC) as a league member and after 27 years I retired from on December 31, 2007.

As a DEC I played a very large part in helping the Northern Kentucky Amateur Radio Club (NKARC) (which I was President three different times) receive over \$125,000 worth of amateur equipment and a heated/air-conditioned hut from AT&T for use in emergency related incidents and regular amateur communications. Before retiring as DEC I managed the Kentucky District 7 Amateur Radio Emergency Team (KD7ARET) amateurs to new levels in the nine counties we served. With the county, hospital or the ham organization support there were 2 meter/440 radios, antennas, power supplies and coax installed in each of the 9 EOCs, District office and 2 hospitals. Three of the EOCs have complete HF stations also. Forty-six members of KD7ARET have been certified in IS-100, IS-200, IS 300, IS-400, IS-700 and IS-800. Over thirty were trained in damage assessment and the same amount in basic first-aid. Many other forms of training and educations were afforded these 88 members. I have never asked any member to do something that I haven't already done or completed. I have completed sixty-one FEMA EMI courses.

I served as Kentucky (KY) Section Manager (SM) for 3 consecutive terms from 2001 thru 2007. Kentucky being the smallest of the three Sections in the Great Lakes Division was a real task at hand. I enjoyed every year I had the position as each and every member of the Kentucky Section made it a delight to have the position. As KY SM I meet or talked to: two different Governors (Patton and Fletcher) Representative Rocky Adkins, Tom McKee, Alecia Webb-Edgington, Arnold Simpson, Thomas Kerr and Senator Katie Stine. I have either talked about amateur radio or the lives of an amateur to each of the individuals. As SM I worked with the Ky League of Cities to secure the fact that PRB-1 is not an issue in Kentucky. Over the years there became a poor turnout for NTS in KY on the phone bands so, I had all NTS traffic moved to the CW nets and any emergency traffic taken to the Kentucky Emergency Net, which worked really well as NTS is alive and well in KY. Now this won't work in every Section but it worked in Kentucky. No way would I advocate this for every Section, just was the cure at the time for Kentucky. When assuming the duties of SM there was 11 clubs and 4 SSC clubs. When I left office there were 33 clubs and 11 SSC clubs. As SM I visited each and every club in KY at least once and some two and three times as requested.

Since the first of this year I have volunteered with the Pendleton County Emergency Management as a Special Projects Officer in cooperating amateur radio. In April I was appointed to Chair the Great Lakes Division Legislative Action. As a team all of us the Legislative Action Coordinators of each section their group of Legislative Action Assistants and the members of the section can and will make a difference in Washington. Now, I want to serve the Great Lakes Division in the same manner as I did as a DEC, SM and DLAC asking that you vote for me this October to make this come true. My door, phone and e-mail will be open to each of you if you have any questions or comments. I look forward to meeting and seeing each and everyone one of you.

73 Sincerely,

John D. Meyers, NB4K

218 Cory Lane

Butler, Kentucky 41006

Home: 859.472.6690

I love amateur radio, and I believe amateur radio deserves quality leadership.

Amateur radio is a true passion for us all. There is no other hobby quite like it, and there are no friendships like ham radio friendships.

I have been licensed since 1973, devoting most of my efforts to public service: providing communications support in several disasters over the years, including tornados, floods, hurricane Marilyn in the Virgin Islands, and with the FBI and NDMS during the 1996 Atlanta Olympic bombing - www.nku.edu/~johnston/atlanta.html. I have worked as an EC, then DEC, then Assistant Director to 5 Directors before being elected Vice Director and serving as Director and then as Vice Director again.

I have chaired three financially solvent Great Lakes Division Conventions (2003, 2005 and 2007), created the Division Awards program, served as Division webmaster, served on the League's national Volunteer Resource Committee and Public Relations Committee, and chaired the ARRL Historical Committee. I have received EC-1 certification. I've traveled from Sault Ste. Marie and Lupton, Michigan to Murray and Louisa, Kentucky, and throughout Ohio promoting amateur radio.

I pledge to work to improve communication between your League and you, improve spectrum protection advocacy, actively promote recruiting future hams, and bring YOUR concerns before the League's leadership.

I enjoy working CW and DX as well as APRS and high speed multimedia. I've traveled the world with my FM rig, receiving reciprocal licenses from Austria to Australia.

In 1997 I was voted NKARC Ham of the Year for my efforts in helping the club to secure a grant and repeater site on an AT&T cellular tower.

Professionally, I'm a university professor and computer consultant. In my community I serve as President of the Behringer-Crawford Museum in Northern Kentucky, and on many committees, including the NKU Dean of Informatics Advisory Council.

I am fully prepared to continue serving as your Vice Director and would be honored to again receive your vote.

73 de Gary L. Johnston, KI4LA

Meet the Candidates for Great Lakes Vice-Director



Dan Romanchik, KB6NU



John D. Meyers, NB4K



Gary L. Johnston, KI4LA

Inventor "Burns" Salt Water with Radio Waves

Summary of the eRumor:

This eRumor is mostly circulated in the form of a video. It is a recording of a report from WKYC-TV 3 in Cleveland, Ohio. It tells of television broadcast engineer John Kanzius' discovery that he could use radio waves to make salt water burn. Is this a new source of energy?

The television report is true. Whether John Kanzius' discovery is revolutionary or not remains to be seen.

Kanzius is a former television station owner and broadcast engineer from Pennsylvania who now lives in Florida.

According to the report, Kanzius came up with an idea for using radio waves to kill cancer cells. It involved injecting tiny bits of certain metals into cancer patients—metals that would be attracted by the cancer cells. Since radio waves can make certain metals hotter, the thought was that the radiated pieces of metal might make the cancer cells die.

Kanzius has a personal interest in the quest. He has been diagnosed with a rare form of leukemia.

Along the way Kanzius made an accidental discovery of a different nature. He found that when salt water was placed into the radio waves, it would burst into flame—an incredibly hot flame. He said it was because the hydrogen and the oxygen were being released from the salt water.

A company in Akron has checked out Kanzius' discovery and says it's quite remarkable. A small steam engine has been constructed to demonstrate the potential.

There is work to be done, though, before the radio wave-salt water device will be powering cars or generating plants. A lot of energy goes into creating the radio waves in the first place so there needs to be some assessment as to whether the energy that comes from it is worth it.

Meanwhile, his original goal of fighting cancer is being looked into. In January, 2007, researchers at the M.D. Anderson Cancer Center in Houston say they reached a milestone by killing pancreatic cancer cells in the laboratory using Kanzius' method. Next will be animal experimentation then human.

To see the TV report on YouTube.

<http://www.youtube.com/watch?v=h6vSxR6UKFM>

QRZ is pleased to make a new presentation available to all those who are planning to take a VE exam to become a ham, or upgrade their current license.

W7RAP has graciously provided the ham community with a presentation that should be of help to all those who are preparing for their VE tests.

We have included this presentation as a permanent link on our home page, right next to the **Practice Tests** link, titled [License Study](#). Be sure and pass this link around to new, prospective hams. The guide is also available as a PDF or PowerPoint download.

You can check out the new page here: <http://www.qrz.com/i/study.html>

Interesting Websites

<http://frrl.net> is a web site of technology, observation, commentary, and opinion related to Amateur Radio.

Check out our site - you might find it interesting...

We are presently hosted at:

<http://frrl.wordpress.com>

Please feel free to redistribute this e-mail to others who might be interested.

Recent Postings:

- Inside the Black Box of Short Wave Radio
- Life on HF - The MFJ-1796 6-Band HF Antenna for Limited Space
- How the RELAY got into the ARRL
- Life on HF - DX Clusters using Spot Collector and DX View
- Commentary: Amateur Radio Beginnings - why kids today are not Hams
- General Electric Research in RF circa. 1934
- Product Review: Yaesu FT-7800R
- The Wave Bubble - Protecting your personal space from RF Intrusion
- Collecting Heathkit Models SB-101,102 & HW-100,101
- Product Review - The Ultra 1000VA/600 Watt Time Machine
- 50 MB of Penguin Power - PC Emulator with Embedded Linux
- What's the (Black) Magic in the Jack. Voice over IP
- Product Review - The MFJ-209 Antenna Analyzer
- History of Receiver Design - 1912 Regeneration and Building the TecTec 1253
- Blast from the past - Our Kenwood Hybrid Collection
- The Age of SuperHeterodyne - Building the Ramsey SR2 Kit
- Living Life on HF - The Age of Power

Web Site with a nice "Ham Radio Toolbar" for Firefox and Internet Explorer, and other free stuff:

http://www.n0hr.com/Ham_Radio_Toolbar.htm

Weather site with astronomical data

<http://www.wunderground.com>

Sunspot Information

<http://www.spaceweather.com/>

Many Ham applications

<http://www.ac6v.com/software.htm>

Amateur Radio newslines

<http://www.arnewslines.org/>

Radio Detroit AM/FM History

<http://www.detroitradioflashbacks.net/>

Information on Government and misc data

<http://www.usa.gov/>

2008 Calendar

October

- 12 Michigan State Convention, Kalamazoo, MI
<http://www.kalamazoohamfest.com>
- 16 **MCRCA Club Meeting, 7:30 PM**
- 18 Testing at Red Cross 9:00 am
- 26 USECA Hamfest, Mt. Clemens, MI
<http://www.usecaarc.com>

November

- 15-26 Fort Wayne Hamfest/Indiana State Convention <http://www.fortwaynehamfest.com>
- 20 **MCRCA Club Meeting, 7:30 PM**

December

- 7 L'Anse Creuse Swap, Mt. Clemens, MI
<http://www.n8lc.org>
- 18 **MCRCA Club Meeting, 7:30 PM**
(Christmas Party)
- 20 Testing at Red Cross 9:00 am

DX Net, Tues. 8:30pm
Olimpio Varsogea
WB8SEZ



The editors of 425 DX News
Mauro and Valeria Pregliasco
(I1JQJ and IK1ADH) are the
first Italian inductees into the
CQ DX Hall of Fame (May 07)

PERIOD	CALL	
till 04/10	4O/DG5NGI, 4O/DG5NGJ, 4O/DG8NGI: Montenegro	till Dec. HF0POL: Henryk Arctowski Station (South Shetlands)
till 04/10	4O/DK9NCX, 4O/DL3NER, 4O/DL9MB: Montenegro	till 28/02/09 FM/F5IRO: Martinique (NA-107)
till 04/10	BA4DW/5: Dongtou Island (AS-141)	till 31/08/09 VR2/F4BKV: Hong Kong Island (AS-006)
till 04/10	J49XB: Crete (EU-015)	04/10-10/10 6V7SPACE: Senegal
till 04/10	PA08DWN: special event station	04/10-06/10 AH2J: Guam (OC-026)
till 04/10	SD7C, SM/DH7NO, SD7V: Sturko Island (EU-138)	04/10-10/10 GB2MDG and MS0MDG/p: Isle of Arran (EU-123)
till 04/10	W4PL: Hatteras Island (NA-067)	04/10-11/10 OZ/DO1BEN: Lolland Island (EU-029)
till 05/10	6M0W/4: Paegya Island (AS-060)	05/10 3A/I1UWF: Monaco
till 05/10	8Q7XR: Maldives (AS-013)	06/10-10/10 OZ1FJB/p and OZ1LXJ/p: Anholt Island (EU-088)
till 05/10	CN2IPA: Morocco	07/10-21/10 KG4WV and KG4KL: Guantanamo Bay (NA-015)
till 05/10	DS2GOO/4: Cheju Island (AS-026)	07/10-27/10 KH8/DL2AH: Manua Islands (OC-077)
till 05/10	DT0HH/2: Yonghung Island (AS-105)	08/10 JX9SN: Jan Mayen (EU-022)
till 06/10	A25/DL7DF: Botswana	09/10-20/10 8Q71U: Maldives (AS-013)
till 06/10	DU6/F4BKV: Boracay Island (OC-129)	09/10-27/10 VK9DWX: Willis Island (OC-007)
till 06/10	JW0EK and JW8DW: Svalbard Island (EU-026)	10/10-13/10 M/J/SQ4MP: Jersey (EU-013)
till 07/10	AT8WFF: Bannerghatta National Park	10/10-18/10 TT8JT: Chad
till 07/10	KG4SS: Guantanamo (NA-015)	10/10-13/10 V73LU and V73WN: Majuro (OC-029)
till 08/10	3V8SS: Tunisia * by RW4WM	11/10-20/10 HF200T: special event station (Poland)
till 08/10	ER600B: special event station	12/10-25/10 8Q7AK: Maldives (AS-013)
till 08/10	JX9JKA: Jan Mayen (EU-022)	13/10-09/11 C56YK: The Gambia
till 10/10	HF200Q: special event station (Poland)	13/10-19/10 GB1CODY: special event station
till 11/10	E51NOU: Rarotonga (OC-013), South Cook Islands	14/10-19/10 HK1AT: San Bernardo Islands (SA-078)
till 12/10	I14DP: special event call	14/10-21/10 T2: Tuvalu * by JA2ZL
till 12/10	TM0CDG: special event station (France)	15/10-29/10 EA6/AA5UK: Balearic Islands (EU-004)
till 13/10	CT3/OK1JR: Madeira (AF-014)	15/10-23/10 C56EA: The Gambia
till 14/10	7W0JAW: Algeria * by DB1JAW	16/10-19/10 K5S and K5Z: East Ship Island (NA-082)
till 14/10	S79TF: Seychelles (AF-024)	17/10-27/10 3DA0DJ and 3DA0SS: Swaziland
till 18/10	ZS08YL: special event station	18/10-27/10 6W/DL4JS and 6V7M: Senegal
till 19/10	FO: Marquesas Islands (OC-027) * by DJ7RJ	8/10-31/10 HB0/HB9AON: Liechtenstein
till 22/10	AT25MY and AT25RG: special callsigns	20/10-26/10 P29VLR: Garove Island (OC-181)
till 29/10	PJ2/PA0VDV: Curacao (SA-006)	21/10-31/10 HF200C: special event station (Poland)
till 31/10	I18MU: special callsign	21/10-30/10 PZ5Z: Suriname
till 31/10	IL3T: Torcello Island (EU-131)	23/10-27/10 C6AXD and C6APR: Crooked Island (NA-113)
till 31/10	N3A: special event station	24/10-31/10 ZK2DF: Alofi, Niue (OC-040)
till 31/10	VE islands (NA-038, NA-068, NA-010 * by VE7IG)	28/10-03/11 P29NI: Hermit Islands (OC-041)
till 03/11	VC2ARAM: special event station	28/10-06/11 P40ZB: Aruba (SA-036)
till 26/11	EY8/F4EGS: Tajikistan	29/10-09/11 A35: Tonga * by DL2AH
till 30/11	CK, CJ, CY, CZ: psecial prefixes (Canada)	31/10-02/11 GU3ZAY and GU7VJR: Guernsey (EU-114)
till 30/11	LY70: special prefix	October 3B7FQ: St. Brandon (AF-015)
till Nov.	YE2IPY: special callsign	October-Febr. OD5/F5TLN: Lebanon
till 31/12	9A08P: special event station	October T30XX: Western Kiribati * by JA8BMK
till 31/12	9A60A: special callsign	October T31XX: Central Kiribati * by JA8BMK
till 31/12	9M1Cxx: special callsigns	October-April VK2LNX and VK2FSNJ: Maatsuyker Island (OC-233)
till 31/12	AY0DX: special callsign (Argentina)	October VP8DIF: South Georgia (AN-007)
till 31/12	C4EURO: special callsign (Cyprus)	01/11-07/11 CQ4IPY: special callsign (Portugal)
till 31/12	DR8M: special event station	07/11-25/11 A5100A: Bhutan
till 31/12	HG1848: special call (Hungary)	17/11-06/09 9M2MRS: Penang Island (AS-015)
till 31/12	HG550REX: special call (Hungary)	26/11-01/12 J49I: Crete (EU-015)
till 31/12	IN3IPY: special callsign	26/11-01/12 V26K: Antigua (NA-100)
till 31/12	ON1000NOTGER: special call (Belgium)	29/11-30/11 3X5A: Guinea
till 31/12	ON1708M: special event station	November YW1TI: Toas Island (SA-066)
till 31/12	ON40BAF: special event call	04/12-07/12 YB3MM/9: Timor Island (OC-148)
till 31/12	ON70REDSTAR: special event station	15/12-31/12 TR50R: Gabon
till 31/12	PY100JA: special call	28/12-02/09 JD1BMH and JD1BLY: Chichijima (AS-031), Ogasawara
till 31/12	SB1658OZ and SC1658OZ: special callsigns (Sweden)	S2: St. Martin's Island (AS-127)
till 31/12	SH1658DK and SH1658OZ: special callsigns (Sweden)	December TR8CR: Gabon
till 31/12	SK1658DK and SK1658OZ: special callsigns (Sweden)	01/01-26/09 VP8YLx: Falkland Islands (SA-002)
till 31/12	VE2XB/VY0: Southampton Island (NA-007)	17/01-31/09 9L1X: Sherbro Island (AF-056)
		25/01-13/09 9M6: Spratty Islands (AS-051)
		01/03-14/09

ARISS update and call for support

ARISS International Chairman **Frank Bauer, KA3HDO** brings the latest news on the upcoming mission to the International Space Station.

The **ARISS** volunteer team is working quite feverishly in preparation for the upcoming Soyuz 17S mission with **Richard Garriott, W5KWQ**, and **Mike Fincke, KE5AIT**, on-board. This e-mail provides an interim update for the mission and some new news regarding on-orbit ARISS hardware. Please refer to the [press release](#) dated Sept 18 for additional information on Richard Garriott's flight operations

Hardware Deliveries

SSTV: Richard plans to take a Kenwood VC-H1 SSTV communicator with him on-board the Soyuz for his flight and leave this on-board the ISS for future ARISS use.

The VC-H1 has completed all hardware certification on the US and Russian sides.

The final test, an EMI radiated emissions test, was performed last week and the test data was delivered to Sergey Samburov, RV3DR in Russia this week.

The VC-H1 provides a very simple interface for ISS crew members and does not require the use of a computer. Computer usage has been a real challenge for ARISS, so the VC-H1 represents a lesson learned to improve ARISS operations.

Backup Hardware: At this week's ARISS-International Meeting we received confirmation from Sergey, RV3DR, that the recent Progress flight delivered the flight backup D-700, a David Clark Headset for the Ericsson system, and an additional VOX box and cables to support the computer-operated SSTV system. The D700 may be installed as early as late this week, depending on crew availability. The flight backup will not provide a significant change in ARISS ops. It will make it easier for the crew to change program modes (PMs).

Richard Garriott Operations - Call for Support

Early during Richard Garriott's flight, he expects to setup the VC-H1 and autonomously transmit a new Earth image every 3 minutes. He hopes to have this system on a great deal of his flight.

We encourage the ham community to bring SSTV equipment into schools and download these images in real-time.

The ARISS team also plans to display images from hams around the world on a special on a web/blog site. A beta site has been developed and will be rolled out to the ham community in the near future.

To successfully implement the on-line SSTV picture site and support it 24/7 during Richard's flight, we will need some savvy individuals that can sort through the many SSTV photos that ARISS will receive and keep the SSTV site up to date in near real time. Some computer skills will be required.

We are looking for global support from a few individuals in each international region to make this happen. That way we will not be asking individuals to volunteer all-night to realize this project. If you are interested in helping on this, please e-mail me directly.

Stay tuned for more information on the upcoming ARISS activities.
And get your stations ready!

73, **Frank Bauer, KA3HDO**

AMSAT V.P. for Human Spaceflight Programs

ARISS International Chairman

E-mail: ka3hdo@comcast.net



Amateur Radio Examinations Monroe, MI

Monroe County Radio Communications Association Amateur Radio examinations are held the 3rd Saturday of every even numbered month at:

American Red Cross Chapter Bldg.
1645 North Dixie Highway
Monroe, MI 48161

Walk-ins are always welcome.

2008 Schedule:
October 18
December 20

TESTING BEGINS PROMPTLY AT 9:00 AM

Applicants are expected to have all forms filled out and be ready to take tests at that time. Coffee and doughnuts are available at 8:30 AM. For more information or to make reservations, call Paul Trouten - W8PI at 734-854-2224

Join us at the next meeting

October 16 at 7:30 pm
American Red Cross Chapter Bldg.
1645 North Dixie Highway
Monroe, MI 48162

Local Nets

ARPSC Net - Every Monday evening on '72-Monroe (146.72 Mhz) starting at 9:00pm.

DX Net - Every Tuesday evening on '72-Monroe starting at 8:30pm.