



# Amateur *R*adio on the *I*nternational *S*pace *S*tation

## ARISS-US Region Report

*June 2009*

ARISS-US Delegates:

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*The primary goal of the ARISS program:*

*Effective educational outreach--engaging students in science, technology, engineering and math (STEM) learning activities that inspire their interest.*

*Part of that goal--to expose students to the capabilities and learning opportunities offered by Amateur Radio.*



With that goal foremost, we are pleased that more local US ham clubs are supporting ARISS QSOs and teaching a few ham radio lessons in the classroom.

In some instances students built equipment used to make the ISS contact. In other cases, Boy Scout troops turned ARISS QSOs into Radio Merit Badge seminars.

An outstanding example: Norm Schrader, WB2GGM, engaged students in Field Day activities, encouraged 2 teachers at area schools to get licensed, and helped them enroll in ARRL's Teachers Institute.



# *International Education Week 2008*

ARISS team members planned education activities -- US Department of Education staff, NASA

Three schools participated: North Carolina, Maryland, and Ecuador.

QSO, Videoconference interview with panel of science experts, mostly ARISS volunteers from several ARISS Regions.

Department of Education staff asked ARISS to repeat the activity next year.



# Frank Bauer steps down

- This Spring the US team was set back for a time -- stepping down of Frank Bauer from the ARISS Chairman position and as US ARISS Delegate
- Much planning and coordinating, but the transition is easing



## *Richard Garriott's 11 days in space*

- Did 2 QSOs for 6 different Challenger Learning Centers
- Did 7 additional school QSOs - Pinehurst School students in Oregon learned about the ISS, history of space travel, engaged in Amateur Radio learning projects-- building a turnstile antenna they used, and downloaded Garriott's SSTV images
- Over 500 voice QSOs including many with Scouts during JOTA, Jamboree on the Air
- Special Web site for SSTV images. ARISS volunteers monitored 2,200 images prior to them "going live."



*Mike Fincke,  
Sandy Magnus*

**Last part of 2008 to Spring 2009, ARISS in capable,  
experienced hands of Astronaut Mike Fincke,  
KE5AIT**

**Requested a minimum of 2 weekly school QSOs**

**With Astronaut Sandy Magnus, KE5FYE, completed  
4 QSOs the week prior to Christmas**



## *25<sup>th</sup> Anniversary of Ham Radio in Space*

Numerous activities and modes,  
supported by Mike Fincke

Certificates are being finalized June 2009



# JSC Meetings

Johnson Space Center Education Office invited ARISS education volunteers to meeting May 1-2

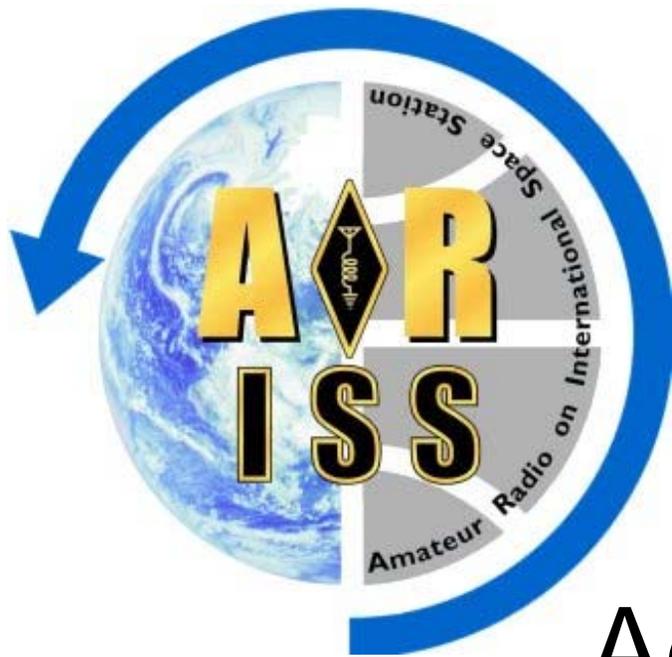
Covered many topics and how to move forward with guidance from JSC on each topic



Debbie Biggs

ARISS US Team welcomes back Debbie Biggs now assisting in the JSC Education Office

Had been part of ARISS during SAREX days and very beginning of ARISS days



# Space Adventures



- Space Adventures has signed Guy Laliberte for September flight
- Wants to do ham activities
- Canadian licensing effort?



ARISS Ops Team Meeting October  
In conjunction with AMSAT-NA  
Symposium