



Amateur Radio on the International Space Station

ARISS Educational Outreach / School Selection Committee

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Educational Outreach / School Selection Committee

- Committee members:
*Valery Agabekov; Jorg Hahn; Keigo Komuro;
Daniel Lamoureux; Rosalie White (Chair)*
- Observers: *Scott Anderson, Frank Bauer*



Educational Outreach / School Selection Committee

- *After the spring 2004 ARISS Meeting, the ARISS Educational Outreach/School Selection Committee teleconference meetings were on May 13, 2004 and July 8, 2004.*
- *Because of conflicts, lack of agenda, and this ARISS Meeting, the September committee teleconference was postponed.*



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Issues:

- Some regions (Canada and the US) have a backlog of old school applications.
- Several things have caused this.



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Causes—

Fewer QSOs were done this Expedition because of EVAs, and because of EVAs that had to be re-scheduled.

More schools have applied in Canada and the US than other regions, resulting in longer waits for the 2 regions.

A Canadian school was scheduled, and then cancelled due to an EVA. The teacher decided to wait 1 year to re-schedule in order to better prepare the students.



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Last spring our committee voted to, at some point in the future, select a higher percentage of US and Canadian schools than other regions' schools. This has not yet been done because of schools not being in session during summer.



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Other committee issues—

The committee had 2 special QSO requests: Neil Armstrong museum (Ohio) and Space Camp Turkey. Due to issues, the Ohio event was not done but the Space Camp was.

Larry, Rosalie, Gaston and Frank are working on getting an interpretation from the Russian telecommunications agency on 3rd party QSOs for cosmonauts and others.



Other Issues (continued)

- The committee discussed possibilities for QSOs other than question-and-answer sessions. Example: students explaining a science experiment and getting astronauts' responses. Such change would have to be reviewed first by NASA Hq; astronauts would need to hear of the change.



Other Issues (continued)

Related School Activities to Share with Teachers--

- the ARISS European national school competition, plus a future ESA Web site that will list resources for teachers
- some of the Japanese mentors do ham satellite QSOs for teachers
- ARRL tells the teachers options for before or after a QSO, ie:
 - ** Radio Jove project at <http://radiojove.gsfc.nasa.gov/>
 - ** ham radio satellite QSOs
 - ** weather satellites
 - ** Project INSPIRE at <http://image.gsfc.nasa.gov/poetry/inspire/>



Other Issues (continued)

If schools get into 2 - 3 related projects, teachers and students might stay interested in ARISS during the 2+ year wait for a QSO. Projects are beneficial to students, a natural expansion to ARISS. Mentors could tell teachers about all space agencies' programs.

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The committee felt it was beneficial to encourage these ideas.

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