

ARISS Europe presentation

AMSAT Symposium
Arlington 2004

ARISS Europe Terms of Reference

The **ARISS-Europe** working group is a subgroup of the **Amateur Radio International Space Station (ARISS)** working group.

12 European Societies have agreed to cooperate according to Terms of Reference available on the website

www.ariss-eu.org

ARISS Europe has 4 votes in ARISS decision making

ARISS Europe officers

- Chairman Gaston Bertels, ON4WF
- Technical Director Dany Orban, ON4AOD
- Technical Counsellor Jörg Hahn, DL3LUM
- Technical Counsellor Christophe Mercier

- QSL Manager Christophe Candebat, F1MOJ
- School Contacts Manager Jörg Hahn, DL3LUM
- School Contacts Mentors Gaston Bertels, ON4WF
Peter Kofler, IN3JHZ
Christophe Candebat, F1MOJ

ARISS Europe activities

- ARISS Europe has organised three ARISS International meetings:
 - ESTEC, March 2000
 - ESTEC, May 2001
 - ESTEC, March 2004
- ARISS Europe has prepared and performed 36 ARISS School Contacts in the 2002-2004 period
- ARISS Europe has developed close cooperation with ESA, the European Space Agency

ESA Memorandum of Understanding

- ESA's ISS Utilisation Strategy and Education Office has submitted a Memorandum of Understanding to ARISS, intended to set up every semester an educational event in one of the European ESA countries.
- All the primary schools of the country are invited to participate to a Space and Science oriented competition, especially dedicated to an ESA astronaut performing a Soyuz Mission.
- Winning classes participate, courtesy of ESA, to an overnight educational encounter, the ARISS School Contact with the ESA astronaut being the climax of the event:
 - Frank De Winne, ON1DWN – November 2002
 - Pedro Duque, ED4ISS – October 2003
 - Andre Kuipers, PI9ISS – April 2004

Columbus

- ESA's Directorate of Human Spaceflight has accepted the principle of an ARISS station on board Columbus, the future European Space Laboratory ISS module.
- Patch antennas would be fixed on Meteorite Debris Panels on the nadir of the module.
- The stumbling-block is the +100.000 Euro price ticket of the engineering work to be done by the Columbus contractors for fixing coaxial feedthroughs, coax cables and the antennas.
- ESA's ISS Utilisation Strategy and Education Office offers 50.000 Euro for the project. No other funding has yet been found, despite our intensive efforts.
- We appreciate AMSAT NA's offer to help solving the funding issue.