

ARISS meeting ESTEC 2009

ARISS-Europe Report



Presented by Gaston Bertels, ON4WF

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ARISS-Europe Report

1. ARISS Europe Board

Chairman:	Gaston Bertels, ON4WF
Technical Director:	Florio dalle Vedova, IW2NMB/ LX2DV
Technical Counsellor:	Jörg Hahn, DL3LUM
Technical Counsellor:	Christophe Mercier

2. School mentors

Peter Kofler, IN3JHZ
Howard Long, G6LVB
Carlos Eavis, GOAKI
Francesco de Paolis, IKOWGF
Christophe Candébat, F1MOJ
Marco Pernic, 9A8MM

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School contacts:	2002:	11	
	2003:	15	
	2004:	14	
	2005:	6	
	2006:	11	
	2007:	16	
	2008:	7	(end June)
	2009:	14	(mid June)

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NAISS operators performing ARISS School Contacts have no right to talk to non-licensed students in countries other than USA and very few foreign countries (third party traffic is prohibited without a special bilateral agreement)

Belgian authorities have delivered two special licences granting astronauts of any country the privilege to talk to non-licensed students in any country when the ground station has permission to let the students participate (unilateral agreement)

OR4ISS : onboard licence

ON4ISS : telebridge licence

These licences are unlimited in time.

Annual surveillance fees are supported by AMSAT Belgium

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OR4ISS : Belgian onboard licence privileges

- "Astronauts owners of an amateur radio licence of any class or category, delivered by the licensing administration of an ITU member country, have permission to operate amateur radio station OR4ISS
- "A CEPT 61/02-HAREC licensee can use the station under Belgian HAREC A-section licence conditions, all other licensees can use the station under Belgian Base C-section licence conditions *
- "They have permission to perform educative school contacts with ground stations and to answer questions of non-licensed students duly authorized by their national regulatory authority to participate to the contact under the responsibility and the supervision of the station licensee"

* These licences cover VHF/UHF 50 watts

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ON4ISS : Belgian telebridge licence privileges

- "Students are granted temporary operating authority for using the amateur radio station ON4ISS to participate in educational exchanges with astronauts using the amateur radio station on board the International Space Station
- "The exchanges shall occur in the presence and under the responsibility of the operator who is in charge of ON4ISS
- "This is valid also when the students operate at distance over a phone line *

* ON4ISS has been granted international phone patch privileges

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Two candidate telebridge ground stations are presently being considered for acceptance by the Operations Committee :

- Italy : ARISS Telebridge Station IQ2GM
- Portugal : ARISS Telebridge Station CS5CEP

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'Framework programmes' (FPs)

- 'Framework programmes' (FPs) are the main financial tools through which the European Union supports research and development activities
- ESA's Manned Spaceflight Educational Service has submitted an educational project : Radiocommunication with astronauts on the International Space Station
- The ESA project was not selected.
- Funding L/S-band ARISS equipment on Columbus remains an issue to be solved

