



Galileo institutional and international issues

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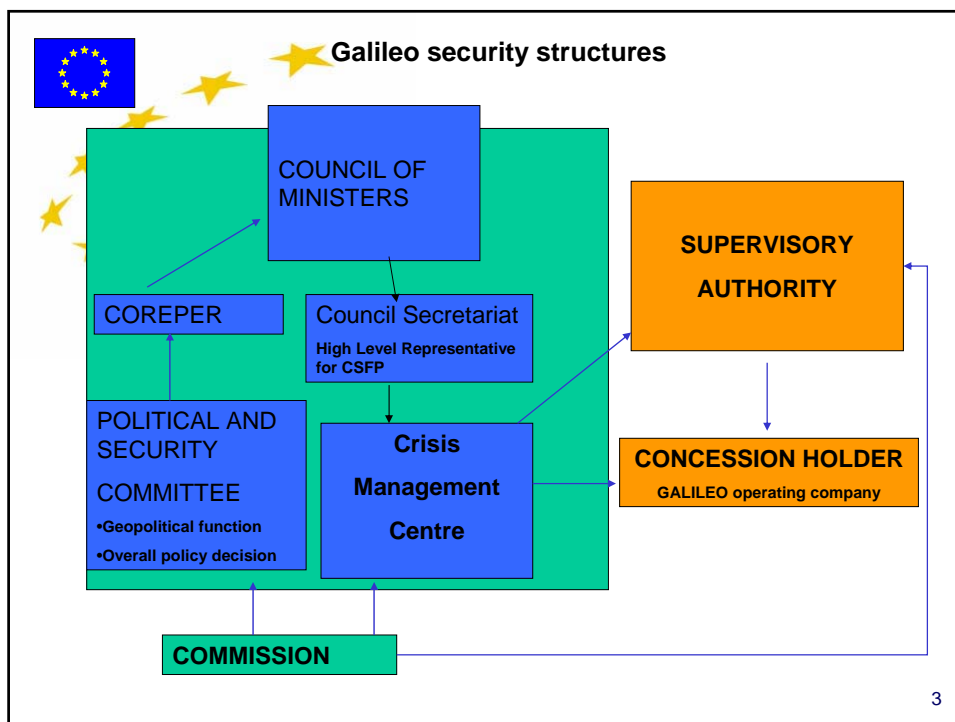
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Galileo:
Future Regulatory Framework

- Supervisory Authority
 - Conceding Authority (Ownership)
 - Control of concession contract
 - Depository of frequencies
 - Certification & standardisation Authority
 - Security expertise
- Centre for Security
 - Crisis management

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Galileo: International 1/7

... Tailor-made relationships:

- Umbrella agreements with GNSS system and technology providers
- Agreements with Galileo Joint Undertaking (industrial activities, financial stake in JU)
- Arrangements focusing on particular sectors (e.g. Canada, Australia, Ukraine)
- Protection of the system and its critical elements
- Compliance with rules on technology transfer and export control

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Galileo international 2/7



- Agreement on all substance questions with United States
- Full interoperability and compatibility Galileo-GPS
- Galileo+GPS = world standard for civil GNSS
- Equivalent treatment of Galileo PRS & GPS Mcode
- Common baseline modulation + optimisation possibilities
- Joint broadcasting of GPS/Galileo time offsets
- Trade non-discrimination

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Galileo international 3/7



- Agreement with United States
- Next steps:
 - Finalise legal details and associated technical documents (national security criteria)
 - Signature of the Agreement in June 2004 (EU/US Summit)
 - Pursue optimisation of Open Service modulation [interoperable and compatible with BOC (1,1), performance of BOC (2,2)]

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Galileo international 4/7



- Agreement with People's Republic of China in October 2003
 - Cooperation *inter alia* on:
 - ◆ technical, industrial matters
 - ◆ Standardisation
 - ◆ Development activities
 - ◆ Galileo applications
 - ◆ Research
 - ◆ Training (EU-China Centre in Beijing)
 - ◆ EGNOS testbed
 - Next steps:
 - ◆ Agreement with Joint Undertaking (incl financing)
 - ◆ Partnerships between Chinese and European industries

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Galileo international 5/7



- Agreement with the State of Israel
 - Initialled on 17 March 04
 - Umbrella agreement covering issues such as:
 - Regional/ local augmentations
 - Market development
 - Scientific activities

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Galileo international 6/7



- Further bilateral talks:
- Negotiations with Russian Federation and India
- **Russia** negotiations to re-start as soon as possible (elections)
- Goal: optimise interoperability of Galileo and GLONASS
- Tradition of technical cooperation in Galileo definition phase
- With **India** talks ongoing

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Galileo international 7/7



- Regional activities with:
 - United Nations Outer Space Office, Euro-Mediterranean partners, South Korea, Japan, Senegal, Gabon, Cameroon, Equatorial Guinea etc
- Focus on Galileo from user perspective
- Awareness raising (information days, user forums)
- Involvement and feedback through training
- Technology demonstrations (EGNOS test bed)
- Advice to user groups (e.g. ICAO African GNSS implementation plan)

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  **Galileo:** **Website**

http://europa.eu.int/comm/dgs/energy_transport/galileo



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