

Summary of the 10th Regular Meeting of the IAA/IISL Scientific-Legal Liaison Committee

1. Date and Place

Toronto, Canada, – Thursday, 02 October 2014, 13:00-13:45

2. Participation

Schrogl (chair), Sandau (co-chair), Rohner-Willsch (acting secretary), Haese (co-secretary), Molette, von der Dunk, Smith

3. Roundtable 2014 Controlling the Eyes in the Sky- Preventing Abuse of Space Data

The IAA/IISL Scientific-Legal Roundtable with 5 invited speakers was held in the frame of the IAC2014, 02 Oct. from 09:45 to 12:45. About 50 participants joined the session (More advertising desirable). Again the liaison committee could win the President of the IISL, Tanya Masson-Zwaan, and the Secretary General of the IAA, Jean-Michel Contant, for a short welcoming speech. The co-chairs Frans von der Dunk and Rainer Sandau introduced the speakers and the topic from the legal and the technical point of view. Thanks to Marc Haese's (rapporteur) signals two minutes before the end of the presentation time the speakers stayed in their timeframe. They were well prepared and gave very informative lectures. There was 1 hour left for the discussion. This time the audience was immediately involved in the discussion. All authors prepared full papers.

A main discussion point was the technical ability and the official permission for private companies to publish data and data products of about 25 cm resolution, which definitely concerns privacy. On governmental level this can be useful, on societal level it can lead to abuse. The number of commercial satellites from now 6% will rise very quickly as well as the demand of information on the private end user side. Therefore it is essential to raise people's awareness of the technical capabilities of satellites and airplane images and of the still easy access to data for (use and) misuse. It could help to involve the public to establish common standards and to define "privacy" for finding a balance between the right to privacy and the right to get information. Governments and society must have the right to know which information products exist about themselves. Up to now there is little regulation on international level. Accepted common standards and the international established legislation can guide new laws. At the end of the roundtable it was discussed how to deal with a black list. Frans von der Dunk made the conclusions. The session closed in time at 12:45.

1. Capabilities of Earth Observation Satellites– Potential for Human Scale Development or Abuse
Sias Mostert, Space Commercial Services Holdings (Pty) Ltd, South Africa, sias@scs-space.com, Sias.mostert@spacecommercialservices.com, Dr Jo-Ansie Van Wyk, University of SA, vwykjak@unisa.ac.za
2. Earth Observation - Between Public Interest and Privacy
Prof. Krištof Oštir, SPACE-SI, Slovenia, kristof.ostir@space.si
3. Privacy, Earth Observations and Legal Ways to Reconcile the Two
Catherine Doldirina, Joint Research Centre (JRC) of the European Commission, Italy, kdoldyrina@yahoo.com
4. Security and Potential (Anti-)Terrorism Aspects of High Resolution Earth Observation Data
Fabio Tronchetti, Harbin Institute of Technology, China, fabio.tronchetti@yahoo.com

4. Preparation for the Roundtables 2015 and 2016

Roundtable 2015: Universities as Actors in Space. Kai-Uwe Schrogl prepared the abstract for the program. 6 papers are foreseen, 1 student is missing. Nicola Rohner-Willsch will contact some (done, Matteo Emanuelli, INSSET, France). The presence of Otto Gudino Ramirez de Ariano is unclear, Jean Francois Mayence (IISL) can be a back-up (did he confirm?). Because of the jubilee of the 30th roundtable the committee will prepare a small brochure (draft by DLR).

Roundtable 2016: The Future of Regional Cooperation. Presentations could contain the interaction between regions, South America satellites on regional level: agriculture, land and resource management, water, deforestation, regional global change, Latin America (maybe speaker from a Mexican ministry), socio economic benefits (OECD), governance/legal aspects; case study from CEAS.

Topics in waiting: Aspects of commercialization.

5. Next Meeting

During IAC 2015 in Jerusalem, Israel, right after the Roundtable.