Committee on the Peaceful Uses of Outer Space
Fifty-fourth session
Vienna, 1-10 June 2011
Item 7 of the draft provisional agenda*
Report of the Scientific and Technical Subcommittee on its forty-eighth session

Long-term Sustainability of Outer Space Activities

Nominations of members of expert groups and list of points of contact communicated to the Secretariat as of 9 June 2011

A. Expert group on sustainable space utilization supporting sustainable development on Earth

Chair: Filipe Duarte Santos (Portugal)

Australia:
Space Policy Unit, Department of Innovation, Industry, Science and Research (expert to be determined)

Brazil:
Rozane Da Fonseca E. Silva, National Institute of Space Research (INPE)

Canada:
Shane Roberts, Public Safety Canada

China:
Ren Xiaoxia, Ministry of Foreign Affairs

Egypt:
Ayman M. Mahrous, Helwan University

* A/AC.105/L.280.
France:
Mario Hucteau, CNES

India:
V. S. Hedge, Indian Space Research Organization (ISRO)

Italy:
Simonetta Di Ciaccio, ASI

Japan:
Ryota Yoshida, Ministry of Foreign Affairs (MOFA)
Osamu Sugimoto, The Society of Japanese Aerospace Companies (SJAC)

Russian Federation:
Philip I. Saprikin, Ministry of Foreign Affairs
Georgiy Yu. Barsegov, Ministry of Foreign Affairs
Boris A. Vasiliev, Ministry of Foreign Affairs
Yury N. Makarov, Roscosmos
Dmitriy V. Gorobets, Roscosmos

Saudi Arabia:
Mohamed A. Tarabzouni, KACST

Switzerland:
Dirk-Olivier von der Emden, Federal Office of Communications

United Kingdom:
Alice Bunn, UK Space Agency

United States:
Jim Head
Agnieszka Lukaszcyk
Steven Neeck

APSCO:
Maqbool Ahmad Chaudhry

ESA:
(expert to be determined)

EUTELSAT IGO and ITSO:
Christian Roisse

IMSO:
Andy Fuller
B. Expert group on space debris, space operations and tools to support collaborative space situational awareness

Co-chairs: Claudio Portelli (Italy) and Dick Buenneke (USA)

Australia:
Space Policy Unit, Department of Innovation, Industry, Science and Research

Brazil:
(expert to be determined)

Canada:
Michel Doyon, Canadian Space Agency

China:
Liu Jing, Chinese Academy of Sciences

Czech Republic:
Michal Vaclavik, Czech Space Office

Egypt:
Ayman M. Mahrous, Helwan University

France:
Fernand Alby, CNES
Mario Hucteau, CNES

India:
V. Adimurthy

Japan:
Ryota Yoshida, Ministry of Foreign Affairs (MOFA)
Kaneaki Narita, Japan Aerospace Exploration Agency (JAXA)
Akira Kato, Japan Aerospace Exploration Agency (JAXA)
Osamu Sugimoto, The Society of Japanese Aerospace Companies (SJAC)

Russian Federation:
Philip I. Saprikin, Ministry of Foreign Affairs
Georgiy Yu. Barsegov, Ministry of Foreign Affairs
Boris A. Vasiliev, Ministry of Foreign Affairs
Yury N. Makarov, Roscosmos
Dmitriy V. Gorobets, Roscosmos

Saudi Arabia:
Mohamed A. Tarabzouni, KACST
Switzerland:
Thomas Schildknecht, University of Bern
Jesus Martin, Federal Office of Communications

United Kingdom:
Hugh G. Lewis, University of Southampton

United States:
Sarah Factor
Myland Pride
Jim Head
Brian Weeden
Nicholas Johnson
Sheila Michelli
Lauri Newman
Mark Mulholland

APSCO:
Maqbool Ahmad Chaudhry

ESA:
Heiner Klinkrad

EUTELSAT IGO and ITSO:
Christian Roisse

C. Expert group on space weather

Chair: Takahiro Obara, Japan Aerospace Exploration Agency (JAXA)

Australia:
Space Policy Unit, Department of Innovation, Industry, Science and Research
(expert to be determined)

Belgium:
Ronald Vanderlinden, Royal Observatory of Belgium

Brazil:
(expert to be determined)

Canada:
David Boteler, Natural Resources Canada
China:
Wang Chi, Chinese Academy of Sciences

Czech Republic:
Michal Vaclavik, Czech Space Office

France:
Jean-Yves Prado, CNES

Egypt:
Ayman M. Mahrous, Helwan University

India:
K. Krishnamurthy, Space Physics Laboratory

Indonesia:
Thomas Djamaluddin, Indonesian National Institute of Aeronautics and Space (LAPAN)

Japan:
Takahiro Obara, Japan Aerospace Exploration Agency (JAXA)
Ryota Yashida, Ministry of Foreign Affairs (MOFA)

Russian Federation:
Philip I. Saprikin, Ministry of Foreign Affairs
Georgiy Yu. Barsegov, Ministry of Foreign Affairs
Boris A. Vasiliev, Ministry of Foreign Affairs
Yury N. Makarov, Roscosmos
Dmitriy V. Gorobets, Roscosmos

Saudi Arabia:
Mohamed A. Tarabzouni, KACST

Switzerland:
Werner Schmutz, Physical-meteorological Observatory in Davos
Damien Scherrer, Federal Office of Communications

United Kingdom:
Mike Hapgood, STFC Rutherford Appleton Laboratory

United States:
Jim Head
Ray Williamson
Madhulika Guhathakurta
Terry Onsager
APSCO:
Maqbool Ahmad Chaudhry

ESA:
Juha-Pekka Luntama
Eamonn Daly

EUTELSAT IGO and ITSO:
Christian Roisse

D. Expert group on regulatory regimes and guidance for actors in the space arena

Chair: Sergio Marchisio (Italy)

Australia:
Space Policy Unit, Department of Innovation, Industry, Science and Research (expert to be determined)

Belgium:
Jean-Francois Mayense, Belgian Federal Office for Science Policy

Brazil:
José Monserrat Filho, Brazilian Space Agency

Canada:
Curtis Schmeichel, Foreign Affairs and International Trade Canada

China:
Zhang Zhenjun, Chinese Society of Space Law

Egypt:
Ayman M. Mahrous, Helwan University

France:
(expert to be determined)

India:
V. Gopalakrishnan, Indian Space Research Organization (ISRO)

Italy:
Nicoletta Bini, ASI

Japan:
Secretariat of Strategic Headquarters for Space Policy, Cabinet Secretariat (expert to be determined)
Ryota Yoshida, Ministry of Foreign Affairs (MOFA)
Russian Federation:
Philip I. Saprikin, Ministry of Foreign Affairs
Georgiy Yu. Barsegov, Ministry of Foreign Affairs
Boris A. Vasiliev, Ministry of Foreign Affairs
Yury N. Makarov, Roscosmos
Dmitriy V. Gorobets, Roscosmos

Saudi Arabia:
Mohamed A. Tarabzouni, KACST

United Kingdom:
Richard Blayber, UK Space Agency

United States:
Sarah Factor
Myland Pride
Scott Pace
Dick Buenneke
Chuck Wooldridge

APSCO:
Maqbool Ahmad Chaudhry

ESA:
Pascal-Hervé Bogdanski
Ulrike Bohlmann

EUTELSAT IGO and ITSO:
Christian Roisse

IMSO:
Andy Fuller
LIST OF POINTS OF CONTACT COMMUNICATED TO THE SECRETARIAT

(Update to CRP 10 and Addenda 1 and 2 submitted to the forty-eighth session of the Scientific and Technical Subcommittee)

Algeria: Mr. Aboubekr Kedjar, Director for Planning and International Cooperation, Algerian Space Agency ASAL
akedjar@asal.dz

Australia: Ms. Michele Clement, Manager, Space Policy Unit, Department of Innovation, Industry, Science and Research
michele.clement@innovation.gov.au

Austria: Mr. Johannes Aigner, 2nd Secretary, Permanent Mission of Austria to the United Nations (Vienna)
ovwien@bmeia.gv.at

Belgium: Mr. Jean-Francois Mayense, Legal Unit “International Relations”, Belgian Federal Office for Science Policy
maye@belspo.be

Brazil: José Monserrat Filho, Brazilian Space Agency
Jose.monserrat@aeb.gov.br

Canada: Mr. Hugues Gilbert, Director, Policy and External Relations, Canadian Space Agency
hugues.gilbert@asc-csa.gc.ca

France: Mr. Mario Hucteau, Centre National des Etudes Spatiales
mario.hucteau@cnes.fr

Germany: Ms. Annette Froehlich, German Aerospace Center DLR
anette.froehlich@dlr.de

India: S. K. Shivakumar, Associate Director, ISRO Satellite Centre, Bangalore
sks@isac.gov.in

Italy: Ms. Gabriella Arrigo, Italian Space Agency
Gabriella.arrigo@asi.it
<table>
<thead>
<tr>
<th>Country</th>
<th>Contact Person</th>
</tr>
</thead>
</table>
| **Japan**                    | Ms. Eiko Yamamoto, Special Adviser, Permanent Mission of Japan to the International Organizations in Vienna  
eiko.yamamoto@mofa.go.jp |
| **Malaysia**                 | Mr. Noordin Ahmad, Deputy Director-General, National Space Agency (ANGKASA)  
ooordin@angkasa.gov.my |
| **Saudi Arabia**             | Mohamed A. Tarabzouni, Director, Coordinating Office of Peaceful Uses of Outer Space, Space Research Institute, KACST  
mtarabzon@kacst.edu.sa |
| **South Africa**             | Mr. Boiki Motloung, Deputy Director Subdirector: Science and Technology Cooperation, Department of International Relations and Cooperation  
TeffoL@dirco.gov.za |
| **Spain**                    | Mr. Santiago Antón Zunzunegui, Counsellor Permanent Mission of Spain to the United Nations (Vienna)  
santiago.anton@maec.es |
| **Switzerland**              | Natália Archinard, Deputy Head of Education, Science and Space Section, Political Affairs Division, Directorate of Political Affairs, Federal Department of Foreign Affairs  
natalia.archinard@eda.admin.ch |
| **Turkey**                   | Mr. Yusuf Suat Hascicek, TURKSAT Satellite and Cable TV Operator  
yhascicek@turksat.com.tr |
| **United Kingdom of Great Britain and Northern Ireland** | Mr. Richard Crowther, Industrial Policy and Regulations, UK Space Agency  
richard.crowther@stfc.ac.uk |
| **United States of America** | Mr. Ken Hodgkins, Director, Office of Space and Advanced Technology, Department of State  
HodgkinsKD@state.gov |
| **Asia-Pacific Space Cooperation Organization (APSCO)** | Mr. Maqbool Ahmad Chaudhry, Director General, Department of Strategic Planning and Program Management, APSCO  
maqbool@apsco.int |
EUTELSAT IGO:

Mr. Christian Roisse, Executive Secretary, EUTELSAT IGO
igo.croisse@eutelsat.fr