



Workshop | 30 August 2017

Workshop on the Efficient Use of the Orbit/Spectrum Resource

09:00 – 09:30	Registration
09:30 – 10:00	<p>Opening and Introduction The Radio Regulations (RR) [Presentation] and the World Radio Conferences –WRC [Presentation] <i>Keynote speech: Joaquin Restrepo, ITU-R</i></p>
10:00 – 12:00	<p>Session 1: Impact of New Technologies and Future Trends Impact of space technologies and trends on the orbit/spectrum resource: High Throughput Satellites, In-flight Connectivity, Electric Propulsion, Non-GSO constellations, nano/pico-satellites, Reusable Launch Vehicles, communications on the move (COTM), satellite communication in Q/V-bands, change of notifying administration. <i>Panellists: Attila Matas, ITU Expert Jacques-Samuel Proton, Chief Commercial Officer, Kacific Broadband Satellites</i></p>
13:30 – 15:30	<p>Session 2: Implementation of WRC-15 Decision GSO satellite filing and coordination, GSO issues, improvements to regulatory framework, lessons learned. <i>Panellists: Timur Kadyrov, ITU-R/SSD/SSC Ethan Lavan, Director, In-Orbit Resource, Eutelsat Attila Matas ITU Expert</i></p>
16:00 – 17:30	<p>Session 3: -Non-GSO satellite issues</p> <ul style="list-style-type: none"> o EPFD validation tool – latest developments, next steps o NGSO constellations – project status one year on o NGSO-NGSO/GSO coordination, bringing into use, “priority” date and changes to constellations parameters o Evolution of small satellites o Best practices of Space Traffic Management for NGSO constellations <p><i>Panellists: Attila Matas, ITU Expert Timur Kadyrov, ITU-R/SSD/SSC Ting Ling Lee, SES World Skies</i></p>

International Satellite Symposium 2017

08:00 – 09:00	Registration
09:00 – 09:30	<p>Opening Session</p> <ul style="list-style-type: none"> • Welcome Remarks by Mr Ioane Koroivuki, ITU Regional Director for Asia and the Pacific • Opening Remarks by Mr Takorn Tantasith, Secretary General of National Broadcasting and Telecommunications Commission of Thailand
09:30 – 10:00	Group photo and coffee break
10:00 – 10:45	<p>Session 1: Satellite International Regulations: Implementing WRC-15 Decisions & Satellite-related WRC-19 Agenda Items</p> <p>The session presents the main space-related Radio Regulations (RR) updates, issued from WRC-15: satellite international regulatory framework; efficient use of OSR; coordination of satellite networks; space stations filing procedures; bilateral agreements on coordination matters; terms of validity of filings and associated agreement.</p> <p><u>Moderator:</u> <i>Timur Kadyrov</i>, ITU-R/SSD/SSC</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>Ethan Lavan</i>, Director, In-Orbit Resource, Eutelsat • <i>Bob Horton</i>, Inmarsat
10:45 – 12:30	<p>Session 2: WRC-19 Agenda: Challenges and Opportunities ahead</p> <p>The session will discuss main space-related agenda items for next WRC-19 (Resolution 809 WRC-15): mobile-satellite service (1.2); maritime mobile-satellite service (1.9.2); meteorological-satellite service (1.2, 1.3); Earth exploration-satellite (1.2, 1.3); Appendix 30 (1.4); FFS – ESM (1.5); Non-GEOs (1.6, 1.7); Global Aeronautical Distress and Safety System (1.10); Resolution 86 (7); Resolution 80 (9.3); generic stations register</p> <p><u>Moderator:</u> <i>Attila Matas</i>, ITU Expert</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>Ting Ling Lee</i>, SES World Skies • <i>Ting Ling Lee</i>, GVF • <i>Timur Kadyrov</i>, ITU-R/SSD/SSC
12:30 – 14:00	Lunch break
14:00 – 15:30	<p>Session 3: Satellite Service Regulatory Framework – Landlocked country experiences</p> <p>This session will focus on satellite communications and broadcasting service regulatory framework from country perspective. Policy makers and regulators will share experience in related policy and regulation such as spectrum management, frequency coordination, licensing framework, satellite filing, and etc.</p> <p><u>Moderator:</u> <i>Wisit Atipayakoon</i>, ITU Regional Office for Asia and the Pacific</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>Mohammed Ashraful Alam</i>, Bangladesh Telecom Regulatory Commission (BTRC), Bangladesh • <i>Jigme Tenzing</i>, Ministry of Information and Communications (MoIC), Bhutan • <i>Sengduangthip Sounakhen</i>, Ministry of Post and Telecommunications (MPT), Lao

	<ul style="list-style-type: none"> • <i>Otgonbayar Bataa</i>, Communications and Information Technology Authority (CITA), Mongolia • <i>Manish Mallick</i>, Ministry of Information and Communiactions (MoIC), Nepal
15:30 – 16:00	Coffee break
16:00 – 17:30	<p>Session 4: Satellite Service in Pacific and other Islands Countries: Country experiences</p> <p><u>Moderator:</u> George Samisoni, Executive Member, Pacific Islands Telecommunications Association (PITA)</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>Joseph Taufikap</i>, National Information and Communications Technology Authority (NICTA), Papua New Guinea • <i>Wilson Leguvaka</i>, Telecommunications Commission Solomon Islands • <i>Keith Moala</i>, MEIDEC, Tonga • <i>Brad Partridge</i>, Telecommunications and Radiocommunications Regulator (TRR), Vanuatu
18:30	Welcome dinner

Day 2 | 1 September 2017

09:00 – 10:30	<p>Session 5a: Satellite Markets and Technology Trends I</p> <p>This session will invite key operators, service providers, and space industry to present and discuss about satellite technologies, innovative services, market mechanism and competition, as well as business models in the satellite industry including satellite communications and broadcasting.</p> <p><u>Moderator:</u> <i>Attila Matas</i>, ITU Expert</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>Jean-François Fenech</i>, CEO, Eutelsat Asia • <i>Ekachai Phakdurong</i>, Vice President, Corporate Affairs, Thaicom • <i>Jacques-Samuel Prolon</i>, Chief Commercial Officer, Kacific Broadband Satellites
10:30 – 11:00	Coffee break
11:00 – 12:30	<p>Session 5b: Satellite Markets and Technology Trends II</p> <p><u>Moderator:</u> <i>Joaquin Restrepo</i>, ITU-R</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>Sara Lim</i>, Senior Regulatory Officer, Inmarsat Global Ltd. • <i>Bob Horton</i>, Global VSAT Forum • <i>Timur Kadyrov</i>, ITU-R/SSD/SSC • <i>Amal Punchihewa</i>, Director Technology and Innovation, Asia-Pacific Broadcasting Union (ABU)
12:30 – 14:00	Lunch break
14:00– 15:30	<p>Session 6: Big Opportunities in the Digital Economies</p> <p>The session will see presentations and discussions about roles of satellites and especially the opportunities in driving digital economies and societies in the converged environment and the future of 5G</p> <p><u>Moderator:</u> <i>Keith Moala</i>, MEIDEC, Tonga</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • <i>John Hawker</i>, ABS Satellite

	<ul style="list-style-type: none">• <i>Ting Ling Lee</i>, SES World Skies• <i>George Samisoni</i>, Executive Member, Pacific Islands Telecommunications Association (PITA)
15:30 – 16:00	Coffee break
16:00– 17:30	Wrap-up and Closing Closing Remarks <ul style="list-style-type: none">• ITU: <i>Closing remarks:</i> Mr Ioane Koroivuki, ITU Regional Director for Asia and the Pacific• NBTC Thailand <i>Closing remarks</i>