AFRICAN TELECOMMUNICATIONS UNION
L'UNION AFRICAINE DES TÉLÉCOMMUNICATIONS

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Nairobi, 14 January 2026

- To Member States

Dear Sir/Madam,

INVITATION TO PARTICIPATE IN ATU ONLINE CAPACITY BUILDING ON NGSO SATELLITE NETWORKS

The ATU General Secretariat presents its compliments and best wishes for 2026 to your Administration.

The General Secretariat has the honour to inform that ATU is organizing, in partnership with **AMAZON, ITU and UNOOSA** an online capacity building on licensing, spectrum management, and space sustainability for NGSO satellite networks from **16 to 20 February 2026** as follows:

- **Module 1**: 16 February 2026 **for high-level government policymakers** on information regarding NGSO system and policy requirements;
- **Module 2**: 17 to 20 February 2026 **for executive and operational staff on licensing process**, spectrum management, space sustainability and issues related to upcoming international events.

The indicative program is annexed to this letter.

You are kindly invited to nominate from your country:

- **Two (2) high-level policy makers** for Module 1;
- **Four (4) executive and operational staff** for Module 2;

and send their Names and Email addresses to atu-r@atuuat.africa with copy to sg@atuuat.africa The deadline for nominations is **Friday 06 February 2025**.

I look forward to your participation in this important training Program.

Yours faithfully,

John OMO
Secretary General

P.O. Box 35282, Code 00200, Nairobi, Kenya
1st Floor, Acacia House, Westlands Office Park Waiyaki way, Nairobi
www.atuuat.africa
sg@atuuat.africa
+254 722 203132

Annex: Indicative program

<table>
<tr><th></th><th>Day</th><th>Topics</th><th>Key points</th></tr>
<tr><td>MODULE 1</td><td>Day 1</td><td>High level information regarding NGSO system and policy requirements</td><td>Provide policy makers and executives with a clear and practical understanding of the opportunities offered by NGSO systems (basic technology concepts, landscape, regulatory and spectrum constraints) so they can make informed decisions about policies and regulatory frameworks.</td></tr>
<tr><td rowspan="7">MODULE 2</td><td>Day 2</td><td>General information regarding NGSO systems</td><td>- NGSO system components and spectrum requirements.
- Purpose of NGSO systems communications, evolution of the ecosystem, and key stakeholders.
- Major satellite subsystems and payload options, how they shape coverage and capacity, and tradeoffs.
- Antennas, RF chains, gateways, and user equipment.
- Foundational spectrum allocations and regulations (RR Articles 21 and 22), frequency coordination/notification, and mobility (ESIM).
- GSO/NGSO and NGSO/NGSO coexistence.
- Trends and case studies.</td></tr>
<tr><td rowspan="2">Day 3</td><td>Licensing process: regulatory framework for NGSO systems</td><td>- Legal and regulatory frameworks that govern satellite communications (ITU RR/WRC, etc.), national licensing regulation, spectrum policy instruments, and compliance/enforcement
- License types for NGSO services, technical constraints, equipment type approval, fees, and compliance reporting.
- Emerging topics and WRC strategy.</td></tr>
<tr><td>Licensing process: technical requirements of NGSO systems</td><td>- Application Requirements.
- Technical specifications of the system, including frequency bands of operation (e.g., Ku, Ka, Q/V bands).
- Technical analyses and simulations.
- Technical coexistence.</td></tr>
<tr><td rowspan="2">Day 4</td><td>Spectrum management: regulatory framework regarding spectrum resources and fees for NGSO systems</td><td>- Assigning and managing spectrum for satellite services.
- ITU tools (allocations/assignments, high-level Articles 21/22) and national levers.
- License conditions and compliance.</td></tr>
<tr><td>Spectrum management: technical parameters and requirements of NGSO systems operations</td><td>Frequency ranges, orbital parameters, valuation of interference environments, epfd limits, etc.</td></tr>
<tr><td rowspan="2">Day 5</td><td>Space sustainability</td><td>Space debris mitigation; collision avoidance; information sharing; demisability; atmospheric impact; dark and quiet skies</td></tr>
<tr><td>Issues related to upcoming international events</td><td>Overview of NGSO topics discussed in international events.</td></tr>
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