



United Nations
Office for Outer Space Affairs

Advancing Space Sustainability through Law and Policy

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UNOOSA

Global Space Connectivity & Sustainability

Events 2026

Space Law Panel



United Nations
Office for Outer Space Affairs

UNOOSA: Secretariat to COPUOS



Overview of UNOOSA



GATEWAY

The sole UN agency dedicated
entirely to Space



CONVENER

Facilitates global cooperation
among UN Member States



CAPACITY BUILDER

Access to space-data
& information & training



- Designed to guide space actors in sustainable use of space
- Four core sections:
 - Policy and regulatory frameworks
 - Safety of space operations
 - International Cooperation, Capacity-Building & Awareness
 - Scientific & Technical Research & Development
- Emphasis on **national implementation, coordination and information-sharing:**



Shifts sustainability from voluntary good practice to structured governance approach.

Space Safety

Guideline B1:
Provide
updated
contact
information
and share
information on
space objects
and orbital
events

Guideline B2:
Improve accuracy
of orbital data on
space objects and
enhance the
practice and utility
of sharing orbital
information on
space objects

Guideline B3:
Promote the
collection,
sharing and
dissemination of
space debris
monitoring
information

Guideline B4: Perform conjunction assessment during all orbital phases of controlled flight

Guideline B5: Develop practical approaches for pre-launch conjunction assessment



UN Satellite Operator Contact Hub

The UN Satellite Operator Contact Hub (UNSOCH) is a restricted coordination directory maintained by the United Nations Office for Outer Space Affairs. It provides a secure environment for verified satellite operators, orbit regimes, as well as authorized stakeholders, with a secure environment for trusted contact sharing and coordination.

The directory supports coordination across all mission lifecycle phases, including pre-deployment planning, in-orbit operations, and 24/7 emergency escalation, enabling timely and reliable communication between operators, Member States, and UN partners.

UNSOCH is not a real-time tracking system. Access is restricted to verified satellite operators, Member States, UN partners, and authorized administrators. All access is subject to verification and applicable governance rules.



Restricted Access

Available exclusively to



Full Lifecycle Support

Pre-deployment, in-orbit,



Trusted Contact Sharing



Sign In

Access UNSOCH

Operator

Admin

Email

operator@company.com

Password

Enter password

Sign In as Operator

DEMO CREDENTIALS



Admin

admin@unoosa.org

Full directory + registration management



Verified operator

elena@starlinksys.com

Complete profile (StarLink Systems)



New operator (incomplete)

lena@novasat.io

Approved, profile not yet filled in

The UN Satellite Operator Contact Hub (UNSOCH)



UN Satellite Operator Contact Hub (UN SOCH)

A UNOOSA-maintained tool with verified contact details for operators worldwide. **Live since 4 September 2026, putting LTS Guideline B.1 into practice.**

What it is

- One trusted place to find who to contact about any satellite
- Operators register and maintain their own contact and fleet data
- UNOOSA vets every operator and satellite (UN, national and basic checks)

What it can do

- Connects operators fast in a conjunction, or before deployment
- Matches a COSPAR ID to a verified contact, in CCSDS format
- Groundwork for a global space traffic coordination mechanism

The screenshot displays the UN SOCH interface. At the top, the United Nations Office for Outer Space Affairs logo is on the left, and a user profile icon labeled 'Operator' is on the right. Below the header, a warning banner states: 'Restricted access. UNSOCH is a United Nations coordination platform for authorised users only. Information displayed here may include restricted operator contact details and must not be shared outside authorised coordination channels. Use of this platform is subject to the Terms and Conditions.' Navigation links include 'Directory', 'My Profile', 'API Access', and 'Help & FAQs'. A welcome message reads: 'Welcome — Your registration has been approved. Please complete your operator profile. Providing complete contact and spacecraft details is essential for ensuring trusted coordination. 1 section still needs to be filled in. Edit Profile to complete missing sections'. The main profile section for 'AXOIM' (Verified) shows the following details:

Profile		Satellite IDs	
Legal Entity AXOIM Space Pvt Ltd.	HQ Country Venezuela (Bolivarian Republic of)	Constellation N/A	Country Pakistan
Pre-deployment Contact John Homelander qhali13908@minitts.net	In-orbit Contact John Homelander qhali13908@minitts.net	Spacecraft Operations Centre The Seven theseven@seven.seven Target response: 4h	

1,500+ satellites · 36 operators · 21 countries



National Implementation of the Guidelines



- The LTS Guidelines reflect an **international consensus on responsible behaviour** in outer space.
- Their implementation at national level signals **responsible space activity** by States;
- translates agreed principles into **binding licensing and regulatory practice**;
- strengthens **international understanding** through the sharing of national experience.

*! National implementation of the LTS Guidelines is no longer exceptional: **space debris mitigation, re-entry planning and other sustainability requirements are now routinely reflected in national laws, regulations and licensing practices.***



UNOOSA's Global Space Law Project

Mandate

Assist States in developing national space law and policy in line with international space law.

Technical Advisory Missions

Tailored legal and policy assistance on drafting, finalising and implementing national space law and policy, national and regional. More than 30 missions since 2019, and more than 60 States have requested support.

SSA and space traffic coordination workshops

Regional workshops for emerging space actors, most recently Manila in March 2026, with further regional editions in preparation for 2027.

Other capacity building tools

The ASTRO database of national space laws and policies, and open access e-learning modules (also on the LTS-Guidelines).





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Thank you!

<https://www.unoosa.org/oosa/en/ourwork/spacelaw/capacitybuilding/advisory-services/index.html>

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