

**Traffic Coordination System for Space (TraCSS)
Data Policy, User Agreement, and User Information Collection Plan**

The attached data policy, user agreement, and user information collection plan are now complete and ready for implementation.

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August 13, 2025

TraCSS Data and Information Policy

Updated March 6, 2025

1. Introduction

The Traffic Coordination System for Space (TraCSS) is being developed by the Office of Space Commerce to provide space situational awareness (SSA) data, information, and services that support global spaceflight safety, space sustainability, and international coordination. This data and information policy was developed to support these objectives and to align with national and agency guidance, including Space Policy Directive 3 direction to enable greater SSA data sharing, consistent with national security constraints. This updated policy also incorporates feedback provided by the space safety community on the earlier drafts of the TraCSS Data Policy.

This policy describes the conditions under which TraCSS data will be made available, either openly to the general public, or on a more restricted basis to registered TraCSS users (i.e. spacecraft owner/ operators and national governments). The document also addresses the types of information that TraCSS will request from users registered in TraCSS.

This policy emphasizes the importance of transparency and open data sharing to best promote spaceflight safety. In addition to furthering Space Policy Directive 3, this aligns with the:

- Foundations for Evidence-Based Policymaking Act (Evidence Act), Public Law 115-435, which describes responsibility of U.S. government agencies to make data “open by default,”
- NOAA Data Strategic Action Plan, which states: “Sharing NOAA data as openly and widely as possible, maximizing its utilization by NOAA partners, stakeholders, and the public, is foundational to NOAA’s mission,”¹
- American Institute for Aeronautics and Astronautics (AIAA) Satellite Orbital Safety Best Practices, which state, “predicted ephemerides with covariance should be generated and shared without restriction.” They also note, “if a feature or approach is discoverable after launch, then it should be shared explicitly before launch.”
- Space Safety Coalition Best Practices for the Sustainability of Space Operations, which encourage “spacecraft owners, operators and stakeholders to exchange information relevant to safety-of-flight and collision avoidance, including, at a minimum operator points-of-contact, ephemerides, ability to maneuver, and maneuver plans”
- World Economic Forum Space Situational Awareness Data and Information Sharing Principles, which state, “SSA data and information should be made open by default while remaining consistent with national laws and regulations.”

Sharing TraCSS data openly to the maximum extent possible consistent with national security and applicable law ensures that data is available for all spacecraft owner/ operators, government and commercial space situational awareness (SSA) service providers, researchers, and members of the general public. Open sharing of this data:

- Promotes spaceflight safety and international cooperation by enabling straightforward and efficient coordination among spacecraft operators and global SSA providers,

¹ NOAA Data Strategic Action Plan 2022

- Enables research and innovation that can lead to improved SSA techniques and improve spaceflight safety and sustainability in the future,
- Promotes the growth of the commercial SSA sector, which can build on these basic data and information to develop and provide innovative new products and services,
- Supports public awareness of key issues of space safety and sustainability.

2. TraCSS Open Data

The majority of data, information, and products generated and used by the TraCSS system will be made openly available. Open data will be made publicly available with no restrictions on use under the Creative Commons 0 Public Domain Dedication (CC0 1.0), eliminating the need for a separate user agreement. This data and information will be made available on the TraCSS website and will not require users to sign in or register for a TraCSS account. TraCSS intends to leverage the NOAA Open Data Dissemination (NODD) Program, so this data will reside in, and be available in, the cloud.

The following data, information, and products will be made openly available by the TraCSS Program:

- DoD public element sets catalog (aka two-line elements (TLE) catalog)
- TraCSS-generated special perturbation (SP) ephemerides catalog without covariance
- DoD public satellite catalog (SATCAT), *including satellite name and NORAD ID, launch date, launch location, international designator, apogee, perigee, period, inclination, and size (binned RCS) provided by the DOD*
- NASA mass and size catalog, *developed by NASA based on U.S. sensor data and additional sources*
- Satellite attributes provided to TraCSS by satellite owner/ operators
- Satellite ephemerides with covariance and maneuver plans provided to TraCSS by satellite owner/ operators
- TraCSS conjunction notifications (TCNs) *for all events that meet “alertable criteria” defined by TraCSS, including events involving operational objects and/or debris.*
- Other publicly-available information, as relevant

Some of this data may be incorporated into a publicly-available database that includes information on spacecraft that can be queried to generate a wide range of derived products.

3. TraCSS Restricted Data: Owner/ Operator Operational Contact Directory

Operational contact information provided by spacecraft owner/ operators registered in TraCSS will be included in a directory made available to all TraCSS-registered satellite owner/ operators and national governments to support spaceflight safety. This information will also be shared with other national and regional SSA systems to simplify and facilitate more efficient coordination among the global spacecraft operator community. It may also be shared with the United Nations Office of Outer Space Affairs, consistent with the Guideline B1 of the UN Guidelines for Long-Term Sustainability of Outer Space. These entities may redistribute data to additional spacecraft owner/ operators not registered in TraCSS to facilitate coordination in the event of a predicted conjunction.

4. TraCSS Restricted Data: Conjunction Data Messages (CDMs)

CDMs are standard messages including spacecraft conjunction information. Access, use, and redistribution of CDMs will be subject to the following restrictions:

- Spacecraft owner/ operators registered in TraCSS receive CDMs for conjunctions in which their spacecraft are involved.
- National governments registered in TraCSS can access CDMs for all spacecraft affiliated with their nation. (Note that a single satellite may be affiliated with more than one nation.)
- CDMs are to be used to support spaceflight safety and can only be redistributed to entities with whom the TraCSS registered user has a contractual relationship.
- Derived products developed based on CDMs may be redistributed. (Note: Derived products are defined as those that involve sufficient processing and/or modification to ensure that extraction of the principal features and characteristics of the original information is not possible.)

5. Data Provided by TraCSS Registered Users

To become TraCSS registered users, spacecraft owner/ operators and national governments will need to provide selected information as part of the registration process. They will also be encouraged to provide additional information on an ongoing basis.

Spacecraft Owner/ Operators: Upon registration in TraCSS, spacecraft owner/ operators will be asked to provide basic organizational information (organization name, location, and account contact information), operational contact information, and spacecraft information and attributes. Spacecraft owner/ operators are encouraged to provide predicted ephemerides with covariance and maneuver plans on an ongoing basis. Candidate maneuvers and anomaly reports may also be submitted to TraCSS, as relevant.

Operational contact information, including individual names, phone numbers, or email addresses will be available to a restricted set of entities, as described above. Account contact information, candidate maneuvers, and anomaly reports will only be used internally U.S. government entities. All other information provided to TraCSS, including spacecraft information and attributes and predicted ephemerides with covariance and maneuver plans, must be provided to TraCSS under the Creative Commons 0 Public Domain Dedication (CC0 1.0). TraCSS will facilitate broad public sharing of this information by making it openly available on the TraCSS website without restrictions. Access and use of this information will not require users to sign-in or register for a TraCSS account.

National Governments: Upon registration in TraCSS, national governments will be asked to provide basic organizational information (organization name, location, contact information) as well as a list of spacecraft (with NORAD ID) affiliated with their country, based on criteria defined by TraCSS. (Note that each country will have only one national government account in TraCSS, although each national government account may accommodate users from multiple government agencies. Countries may make their own determination about which government entity creates and manages its TraCSS national government account.)

Information about spacecraft country affiliation will be made openly available under the Creative Commons 0 Public Domain Dedication (CC0 1.0). Data and information with this designation will be made available on the TraCSS website and access and use will not require users to register for a TraCSS account. (Note that government entities that own/ operate spacecraft will need to create a spacecraft owner/ operator account to provide information relevant to their spacecraft.)

6. Commercial SSA Data and Information

TraCSS is planning to make use of SSA data and information purchased from commercial SSA providers. The policy governing access to and use of this data will be defined in the applicable purchase agreement.

TraCSS User Agreement and Data License Terms

The Department of Commerce, Office of Space Commerce (OSC) operates the Traffic Coordination System for Space (TraCSS). TraCSS Users are required to agree to the TraCSS User Agreement and data license terms governing the data and information they submit to and receive from OSC.

The majority of TraCSS data will be made publicly available under the terms of the Creative Commons 0 Public Domain Dedication (CC0 1.0). Registered TraCSS Users may receive additional Restricted Data from TraCSS, including Operational Contact Information from other TraCSS Users and Conjunction Data Messages for spacecraft associated with their account, as described below.

TraCSS User Account Types

1. Spacecraft Owner/ Operator:

Nongovernmental (commercial or non-commercial), governmental, or intergovernmental entities with legal decision-making authority over the operation of a spacecraft. Typically this will be the spacecraft owner, but it may be an operator with a contract with the owner that provides decision-making authority. Does not include entities that own a payload hosted on a spacecraft owned by another entity, or launch vehicles only temporarily in orbit.

These accounts will receive TraCSS Restricted Data, including Conjunction Data Messages for their spacecraft and Operational Contact Information of other TraCSS Users.

These accounts will provide TraCSS with contact information, spacecraft attributes, and data about spacecraft operations.

If a third-party contractor or affiliate operates the spacecraft or provides space situational awareness services and requires access to TraCSS Restricted Data to provide those services, Spacecraft Owner/ Operators may add representatives of those entities as users to their account.

2. National Government:

Governmental entity (or entities) from a single country affiliated with some number of spacecraft.

These accounts will receive TraCSS Restricted Data, including CDMs for spacecraft affiliated with their country and Operational Contact Information of other TraCSS Users.

These accounts will provide TraCSS with contact information and a list of spacecraft affiliated with their country.

TraCSS User Agreement

You agree to use the Office of Space Commerce (OSC) Traffic Coordination System for Space (TraCSS) consistent with the terms of this User Agreement.

Specifically, you agree to:

- Use data and information obtained from TraCSS consistent with the associated data license terms.
- Submit data and information in response to requests from OSC in a timely manner.
- Submit updates to data and information previously submitted to OSC in a timely manner.
- Take reasonable efforts to ensure data and information submitted to OSC or other TraCSS users is accurate.
- Not transmit any false, malicious, defamatory, or offensive data or information to OSC or other TraCSS users, or use TraCSS for unlawful purposes.
- Ensure any entities or individuals providing or using data or information from TraCSS or otherwise working with TraCSS on your behalf (including contractors and affiliates, such as third party spacecraft operators or SSA service providers) understands, accepts, and complies with the terms of this User Agreement and data license terms.

Furthermore, you agree that:

- Access to TraCSS and the provision of data and information from TraCSS is provided as-is and on an as-available basis, subject to the availability of appropriated funds.
- OSC disclaims any warranty that data and information from TraCSS will be error free or that access will be continuous or uninterrupted.
- OSC may terminate your account for violations of this User Agreement, data license terms, or for any other reason, with no notice.

This User Agreement and the associated data license terms constitute the entire agreement between you and OSC regarding OSC's provision of space situational awareness data and information through TraCSS. This User Agreement may only be modified by OSC publishing a new version, which you will need to accept to continue using TraCSS.

By indicating your acceptance of this User Agreement, you warrant that you have sufficient authority to agree to its terms on behalf of the Spacecraft Owner/ Operator or National Government.

Data License for Restricted Data Received by User from TraCSS

Operational Contact Information, Conjunction Data Messages, and any other data or information identified as Restricted Data received from TraCSS are subject to the following license terms:

User and their contractors and other affiliates (including third party spacecraft operators or SSA service providers) are granted a perpetual, non-exclusive, worldwide license to use, reproduce internally, and modify Operational Contact Information, Conjunction Data Messages, and any other TraCSS Restricted Data to support spaceflight safety, but not for further dissemination.

Additionally, User and their contractors and other affiliates are granted a perpetual, non-exclusive, worldwide license to create derived products from Conjunction Data Messages and any other TraCSS Restricted Data other than Operational Contact Information for any purpose, with no restriction on dissemination. A derived product is a work that is created when data are manipulated to such a degree that they cannot be reverse engineered or otherwise reveal the original data.

Data License for Contact Information Submitted by User to TraCSS

TraCSS Users must submit two types of contact information for each account:

- Account Contact Information, consisting of a name, email address, and phone number of the individual responsible for submitting and updating data and information to OSC for the User; and
- Operational Contact Information, consisting of a name, email address, and phone number of an individual that can be reached at any time to address operational, spaceflight safety concerns.

If you provide names, email, phone numbers, or other Contact Information for other individuals, you warrant that you have obtained permission from those individuals to submit their contact information to OSC for the purposes specified in this User Agreement.

Account and Operational Contact Information are submitted for the purposes and uses described below and subject to the following license terms. Failing to provide accurate information may delay, result in denial of registration, or lead to a termination of the TraCSS User's account. Submitted Account and Operational Contact Information is also subject to all of the published

routine uses as identified in the Privacy Act System of Records Notice Commerce/NOAA-11 (<https://www.commerce.gov/opog/privacy-privacy-act/system-records-notices/system-records-notices-commerce-noaa-11>), Contact Information for Members of the Public Requesting or Providing Information Related to NOAA's Mission.

Account Contact Information submitted to TraCSS is subject to the following license terms:

User is, voluntary and without financial compensation, providing Account Contact Information to OSC and grants the United States Government and its contractors and other affiliates a perpetual, non-exclusive, worldwide license to use, reproduce internally, modify, and create derived products from Account Contact Information to support spaceflight safety and other government purposes.

OSC intends to use Account Contact Information to correspond with the User and address administrative matters.

Operational Contact Information submitted to TraCSS is subject to the following license terms:

User is, voluntarily and without financial compensation, providing Operational Contact Information to OSC and grants the United States Government and its contractors and other affiliates a perpetual, non-exclusive, worldwide license to use, reproduce internally, modify, and create derived products from Operational Contact Information to support spaceflight safety and other government purposes, including further dissemination to TraCSS Users, other governmental and intergovernmental space situational awareness providers, and the United Nations Office of Outer Space Affairs.

Furthermore, User grants TraCSS Users, other governmental and intergovernmental space situational awareness providers and their registered users, the United Nations Office of Outer Space Affairs, and contractors and other affiliates of the preceding list (including third party spacecraft operators or SSA service providers) a perpetual, non-exclusive, worldwide license to use, reproduce internally, and modify Operational Contact Information to support spaceflight safety, but not for any other use or further dissemination.

OSC intends to use Operational Contact Information to provide spaceflight safety notifications and to disseminate Operational Contact Information to other TraCSS Users and other national or international space situational awareness providers and the United Nations Office of Outer Space Affairs, to facilitate coordination.

In no event is OSC liable to the User for third party use of Operational Contact Information or derived products created from Operational Contact Information.

Data License for Candidate Maneuvers and Anomaly Reports Submitted by User to TraCSS

Candidate Maneuvers and Anomaly Reports submitted to TraCSS by Spacecraft Owner/ Operator Users are subject to the following license terms:

User is, voluntarily and without financial compensation, providing Candidate Maneuvers and Anomaly Reports to OSC and grants the United States Government and its contractors and other affiliates a perpetual, non-exclusive, worldwide license to use, reproduce internally, modify, and create derived products from Candidate Maneuvers and Anomaly Reports to support spaceflight safety and other government purposes, but not for further dissemination.

OSC intends to use Candidate Maneuvers and Anomaly Reports to support TraCSS, including research, development, and operational use. Any derived product created by OSC with Candidate Ephemerides and Anomaly Reports may be publicly released with no restrictions on use.

Data License for Spacecraft Information and Attributes Submitted by User to TraCSS

Spacecraft Information and Attributes submitted to TraCSS by Spacecraft Owner/ Operator Users are subject to the following license terms:

User is, voluntarily and without financial compensation, providing spacecraft information, attributes, ephemerides data of the User's spacecraft, and any other data or information other than Candidate Maneuvers, Anomaly Reports, or Contact Information to OSC with no restrictions on use or dissemination, under the Creative Commons Universal Public Domain Dedication ([CC0-1.0](#)).

OSC intends to use Spacecraft Information and Attributes to support TraCSS, including research, development, and operational use. Any derived product created by OSC with Spacecraft Information and Attributes may be publicly released with no restrictions on use.

OSC intends to publicly release Spacecraft Information and Attributes in their original form under the CC0-1.0 terms. However, in no event is OSC liable to the User for third party use of Spacecraft Information and Attributes or derived products created from Spacecraft Data.

Data License for List of Affiliated Spacecraft Submitted by User to TraCSS

Lists of Affiliated Spacecraft submitted to TraCSS by National Government Users are subject to the following license terms:

User is, voluntarily and without financial compensation, providing names of affiliated spacecraft to OSC with no restrictions on use or dissemination, under the Creative Commons Universal Public Domain Dedication ([CC0-1.0](#)).

OSC intends to use Spacecraft Lists and relevant supporting information to identify spacecraft appropriately associated with the National Government Accounts, and may contact Spacecraft Owner/ Operators of those listed spacecraft as part of that review process.

OSC intends to publicly release the affiliated country within the associated spacecraft attributes under the CC0-1.0 terms. However, in no event is OSC liable to the User for third party use of such data.

Data and Information Provided by Registered TraCSS Users

Updated August 13, 2025

This document provides an overview of information that will be provided by Registered TraCSS users, including Spacecraft Owner/ Operators and National Governments. Some of this information will be provided at registration, while other information is provided on a regular basis. Registered TraCSS users are requested to keep information up to date.

Spacecraft Owner Registration/ Data Provision

Organizational Information	This is information collected about the organization when the admin registered in TraCSS. Entities should keep this information up to date.	Open Data?	Reason for collection
<i>Organizational contact information:</i>	This information focuses on the owner/ operator of the spacecraft.		
Organization name	Legal name of the registering organization or national government entity responsible for the account	OPEN	Necessary for identification/ registration
Organization type	Indicates whether the account is a spacecraft owner/ operator or national government	OPEN	Used to classify account privileges
Organizational Headquarters Country	Organization headquarters location (country only). Multiple headquarters locations can be listed, if relevant. Spacecraft will be affiliated with the country in which the organization is headquartered.	OPEN	Necessary for determining country affiliation
Admin account contact information – name, position title, email, phone number	The primary representative for the organization's admin account has the ability to edit account information and to add/ remove other organizational users. This is the individual that would be contacted with any general inquiries for the organization (not emergency issues).	Not Open	Necessary for identification

Additional account users (names, email addresses, phone numbers)	These are additional users that the admin adds to the account. These users may include additional organizational admins, sub-group admins, operators, and third party contractors (including SSA providers) (under contract).	Not Open	Necessary for identification
Spacecraft Information and Attributes	Information collected about the spacecraft that are operational (or soon to be operational) when registering in TraCSS. If additional spacecraft are launched by the organization after registration, they can be added later.		
Satellite name	Common name of the satellite, often used in public and operational contexts. [To avoid confusion, it is best to choose a unique satellite name. Existing satellite names can be found in the satellite catalog.]	OPEN	Necessary for identification/ UN Registration
Alternate name(s)	Any alternate names used to refer to the satellite, for example the foreign name of a satellite.	OPEN	Necessary for identification
NORAD ID	NORAD (North American Aerospace Defense Command) identifier for tracking space objects. If a NORAD ID has not yet been assigned, TraCSS will assign a temporary ID.	OPEN	Necessary for identification
International designator	The International Designator for the object in a YYYY-NNNP{PP} format, where: YYYY = year of launch NNN. Three-digit serial number of launch in year YYYY (with leading zeros) P{PP} = At least one capital letter for the identification of the part brought into space by the launch.	OPEN	Necessary for identification
Owner/ operator organization	Automatically populated when satellite is added by an organizational user.	OPEN	Necessary for identification/ verification

Country of launch license	Country that licensed the satellite launch.	OPEN	Necessary for determining country affiliation
Country providing communications license	Country that licensed the satellite to operate (communications).	OPEN	Necessary for determining country affiliation
Country providing remote sensing/ novel activities license	Country that licensed the satellite for remote sensing or novel activities [If applicable]	OPEN	Necessary for determining country affiliation
Country of UN Registry	Country that registered the spacecraft with the United Nations [If known, available]	OPEN	Necessary for determining country affiliation
Constellation (if applicable)	Name of the constellation of which the satellite is a part [if applicable]	OPEN	Helpful for coordination
Operational Status	Status indicating the object's current operational status. Available options defined by SANA registry: https://sanaregistry.org/r/operational_status/ This information will be automatically updated by OCM.	OPEN	Helpful for coordination
Orbit category	Region in which the spacecraft operates. Available options defined by SANA registry: https://sanaregistry.org/r/orbit_categories/ This information will be automatically updated by OCM.	OPEN	Helpful for coordination
Wet mass (optionally binned value)	Wet mass of the spacecraft. This value is used for fragmentation model input. Operators may provide mass as a binned value.	OPEN	Necessary for fragmentation calculation

Hard body radius	The hard body radius should be calculated using a standard method. If the Hard Body Radius changes over the lifespan of the spacecraft (due to a deployment, for example), this value should be updated.	OPEN	Necessary for calculation of Pc
Hard body radius calculation method	The method used to calculate hard body radius.		
Conjunction mitigation capabilities	Which types of conjunction mitigation capabilities does the organization have the ability to implement for this spacecraft? Check all that apply: chemical propulsion, electric propulsion, differential drag, object re-orientation, none	OPEN	Helpful for coordination
Expected operational mission lifetime (at launch)?	What is the expected operational lifespan of the spacecraft? This can be the value estimated at launch.	OPEN	Helpful for coordination
Estimated total time on orbit	What is the total expected time in orbit (including time in orbit after operations have ceased)? i.e. The period of time from launch until the object expected to deorbit?	OPEN	Helpful for coordination
Launch Provider	Name of the organization providing the launch (e.g. SpaceX, Arianespace, etc.)	OPEN	Necessary for identification/catalog maintenance
Launch Vehicle	Name of the vehicle providing the launch (e.g. Falcon 9, Ariane 6, etc.)	OPEN	Necessary for identification/catalog maintenance

Launch Location	The launch site from where the satellite was deployed. Spaceport used for launch, including spaceport name and country [Drop-down menu]	OPEN	Needed for UN Registration [This should be a dropdown menu with an "other" option - match UN registry values]
Launch Date	The launch date of the satellite or object. If not yet launched, provide the current schedule or best estimate. After launch, the date should be updated to reflect the actual launch date.	OPEN	Necessary for identification/ UN Registration
Deployment date (if different than launch date)	Date at which the satellite was deployed. If the deployment date is different than the launch date, the deployment date should be given. If not yet deployed, provide the current schedule or best estimate. After deployment, the date should be updated to reflect the actual deployment date.	OPEN	Necessary for identification/ catalog maintenance
Additional deployments	Whether there will be additional deployments from the satellite. If yes, additional explanation can be provided.	OPEN	Necessary for identification/ catalog maintenance
Launch Name	If part of a rideshare, use the rideshare name. For all others, use the primary payload name and/or name of the launch, if any.	OPEN	Necessary for identification/ catalog maintenance
Planned Orbit	Provide the nodal period, apogee (km), perigee (km), and inclination (deg). If there will be a secondary orbit change, such as with a space tug, give the method of the change and both initial and final orbits.	OPEN	Needed for UN Registration

General Function	The general function of the spacecraft. Choose from: -spacecraft engaged in investigation of spaceflight techniques and technology -spacecraft engaged in research and exploration of the upper atmosphere or outer space -spacecraft engaged in practical applications and uses of space technology such as weather or communications -spent boosters, spent maneuvering stage, shrouds and other non-functional objects -reusable space transportation systems	OPEN	Needed for UN Registration
Object Type [Automatically filled to Payload]	Automatically set to "Payload" (Following https://sanaregistry.org/r/object_types/)	OPEN	Necessary for safety calculation
Operational notification contact (name and phone number(s))	This is the contact that should be used for routine and/or time-sensitive operational issues (e.g. coordinating on mitigation of a high risk conjunction)	Not Open	Necessary for safety
OPERATIONAL Spacecraft Information and Attributes			
O/o ephemerides with covariance and maneuver plans	OCM File	OPEN	
Maneuver Plans	OCM File	OPEN	
Candidate maneuvers	OCM File	Not OPEN	
Operational Status	Field within the OCM (According to: https://sanaregistry.org/r/operational_status/ + in-transit, etc.)	OPEN	Helpful for coordination

National Government Registration/ Data Provision

Organizational Information	This is information collected about the organization when registering in TraCSS. Entities should keep this information up to date.	Open Data?	Reason for collection
<i>Organizational contact information:</i>			
Country name	Name of the country registering [Drop-down menu]	OPEN	Necessary for identification
Organization name	Name of the government organization registering on TraCSS (Group admin organizational)	OPEN	Necessary for identification
Primary Contact information – email, phone number	The primary representative for the organization's admin account has the ability to edit account information and to add/ remove other organizational users. This is the individual that would be contacted with any general inquiries for the organization (not emergency issues).	Not Open	Necessary for identification
Additional organizational users (names, email addresses, phone numbers)	These are additional users that the admin adds to the account, including additional admins or other users. They could include individuals from other government offices and/or government contractors. The admin has responsibility for validating and maintaining user access and ensuring users abide by the user agreement.	Not Open	Necessary for identification

List of relevant spacecraft	Countries can provide a list of spacecraft affiliated with their nation under the following categories.		
Spacecraft owned/ operated by organizations headquartered in your country	Spacecraft operated by organizations headquartered in the country. (Provide spacecraft name, NORAD ID/ International Designator, and spacecraft organization name)	OPEN	Necessary for determining country affiliation
Country of launch license	List of satellites for which your country provided a launch license. (Include spacecraft name and NORAD ID/ International Designator.)	OPEN	Necessary for determining country affiliation

Country providing communications license	List of satellites for which your country provided a license to operate (communications license). (Include spacecraft name and NORAD ID/ International Designator.)	OPEN	Necessary for determining country affiliation
Country providing remote sensing/ novel activities license	List of satellites for which your country provided a remote sensing (or novel activities)? [If applicable] (Include spacecraft name and NORAD ID/ International Designator.)	OPEN	Necessary for determining country affiliation
Spacecraft registered by your nation with the UN Registry	Spacecraft registered by your nation in the UN Registry. (Include spacecraft name and NORAD ID/ International Designator.)	OPEN	Necessary for determining country affiliation