



# ***Space Commerce Highlights***

## **News from the Office of Space Commerce**

### **October 2024**

We welcome your feedback at: [space.commerce@noaa.gov](mailto:space.commerce@noaa.gov).

### ***From the Director***

Colleagues & friends,

It was wonderful seeing many of you at this year's International Astronautical Congress, where my team and I met with a number of international partners, participated in workshops and working groups, and gave presentations on OSC's work fostering cross-border commercial space collaboration and implementing our "Global Vision" for international SSA coordination. We will be steadfastly focused on advancing these goals through the remainder of the year.

Closer to home, our Traffic Coordination System for Space team released the results and findings from our "Consolidated Pathfinder" - an effort conducted in partnership with five commercial space companies to inform the development of TraCSS. The pathfinder demonstrated that commercial SSA data can be successfully integrated into conjunction assessment operations and LEO catalog maintenance. We were able to gain some valuable insight and experience with metrics for use in future acquisitions and TraCSS operations.

Finally - I'd like to draw your attention to the recently released Department of Commerce and State space export control rulemakings. My team encourages you to review and submit your feedback to these timely and critical regulatory revisions - inputs are due by November 22nd!



As always, I look forward to hearing from you,



Learn more about the TraCSS program at: [www.space.commerce.gov/tracss](http://www.space.commerce.gov/tracss)  
OSC inbox for industry engagement on TraCSS: [tracss.commerce@noaa.gov](mailto:tracss.commerce@noaa.gov)

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## **NOAA Holds TraCSS System Integrator 2.0 Industry Day**

On October 1, 2024, NOAA hosted a virtual industry day to provide interested partners an update of the Traffic Coordination System for Space (TraCSS) and obtain feedback on a future acquisition that will evolve the next phase of system integration efforts.

The industry day was intended to:

- Provide industry with updates on the TraCSS program;
- Share information with industry of TraCSS System Integration requirement;
- Discuss OSC's different scenarios for the acquisition approach;
- Obtain industry feedback on proposed acquisition approaches (i.e. contract type, contract vehicle); and
- Obtain industry feedback on capabilities and standard processes.

The industry day slides are available [here](#).

Answers to questions submitted may be found on [SAM.Gov](#).

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## **OSC, Australian Space Agency Sign Statement of Intent for SSA Cooperation**

During the 2024 International Astronautical Congress (IAC) in Milan, Italy, the Office of Space Commerce and Australian Space Agency signed a joint statement of intent to cooperate on matters related to space situational awareness (SSA).

The two agencies will collaborate to improve space object re-entry monitoring and prediction.



*OSC Director Richard DalBello and Australian Space Agency Head Enrico Palermo at the 2024 International Astronautical Congress.*

This collaboration aims to enhance spaceflight safety and sustainability by utilizing traditional and non-traditional data sources, such as publicly available weather radar information and infrasound and seismic sensors. The statement of intent does not create legal obligations but signals a commitment to explore opportunities for cooperation in civil space situational awareness.

Visit OSC's [web release](#) to read the full text.

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## **OSC Releases TraCSS Consolidated Pathfinder Results**

Also at IAC, the Office of Space Commerce (OSC) released a paper describing results and findings from OSC's recently concluded Consolidated Pathfinder project, an effort conducted in partnership with five commercial space companies to inform the development of the Traffic Coordination System for Space (TraCSS). The Consolidated Pathfinder aimed to inform OSC on contractual metrics, methods, and structures that will enable use of commercial space situational awareness (SSA) capabilities to support spaceflight safety in low Earth orbit (LEO). A secondary goal was to explore the commercial sector's capabilities to maintain a LEO object catalog.

Learn more and download the paper on OSC's website, [here](#).



# Stakeholder Engagements

## **OSC Supports U.S.-Italy Space Dialogue & “Track 1.5” Engagement**

From October 10-11 in Rome, OSC joined a U.S. Government delegation to participate in the U.S.-Italy Space Dialogue. These whole-of-government talks involved discussion on commercial space cooperation, space situational awareness (including OSC's TraCSS system), security threats to government and commercial space users, space sustainability, and commercial space services as government capabilities.



On October 14 in Milan, OSC co-hosted (along with Italian Government counterparts) a “Track 1.5” dialogue with more than 40 U.S. and Italian companies. Both governments provided readouts to industry about the previous week’s dialogue, while industry identified specific challenges to increased commercial space cooperation.



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## **OSC at the IAC**

From October 13 - 18, NOAA OSC staff attended the International Astronautical Congress in Milan, Italy.

Team members gave presentations at technical committees and poster sessions, engaged in workshops, met with industry stakeholders, and held

bilateral discussions with space agencies from UAE, Japan, Italy, Oman, Egypt, Brazil, Poland, Argentina, and the European Union, among others.

OSC participated in a National Space Council-led "whole of government" meeting with the African Space Council. We spoke about the space economy, training and capacity building, and listened to a briefing on the African Union and upcoming plans for an integrated, sustainable African space economy.

The team released a joint paper with the European Union comparing the spaceflight safety services of OSC's Traffic Coordination System for Space (TraCSS) and the EU Space Surveillance and Tracking (EU SST) capability. OSC also released a technical paper describing results from its TraCSS Consolidated Pathfinder project involving commercial space situational awareness providers.





## UN Space Bridge Meeting on Space Traffic Coordination



*The inaugural UN Space Bridge meeting with the UN Office of Outer Space Affairs at UN Headquarters in New York*

On October 29 at the UN Headquarters in New York, OSC joined the UN Office of Outer Space Affairs and representatives from many civil and commercial SSA providers for the inaugural UN Space Bridge.

The multi-stakeholder event brought together government and industry experts to discuss the urgent need for global coordination on STC. Participants in the event discussed the obstacles to addressing global coordination in this area and the actions that are necessary to advance this effort. There was broad support for concrete action, particularly on issues such as SSA information sharing.

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## **Across Commerce**

### **Commerce & State Publish Space Export Control Rulemakings**

On October 17, the Department of Commerce's Bureau of Industry and Security (BIS) and Department of State's Directorate of Defense Trade Controls (DDTC) released four space-related export control rules and rulemakings.

Their publication is the result of an extensive review, directed by the Vice President, to enable a globally competitive U.S. space industrial base, while strengthening U.S. international space partnerships.

Stakeholders are encouraged to review the rulemakings and submit their feedback via regulations.gov. Inputs are due no later than **November 22, 2024**:

1. **DOC Final Rule:**  
Export Administration: Removal of License Requirements for Certain Spacecraft and Related Items for Australia, Canada, and the United Kingdom  
[View at federalregister.gov](https://www.federalregister.gov)
2. **DOC Interim Final Rule:**  
Export Administration: Space-Related Export Controls  
[View at federalregister.gov](https://www.federalregister.gov) | [Submit comments at regulations.gov](https://www.regulations.gov)
3. **State Department Notice of Proposed Rulemaking:**  
International Traffic in Arms Regulations: U.S. Munitions List Categories IV and XV  
[View at federalregister.gov](https://www.federalregister.gov) | [Submit comments at regulations.gov](https://www.regulations.gov)
4. **DOC Notice of Proposed Rulemaking:**  
Export Administration: Revisions to Space-Related Export Controls, Including Addition of License Exception Commercial Space Activities  
[View at federalregister.gov](https://www.federalregister.gov) | [Submit comments at regulations.gov](https://www.regulations.gov)

Learn more at the OSC website, [here](#)

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## **OSC is Hiring!**

Interested in joining the Office of Space Commerce? Check out the [job announcements page](#) on our website! Current open positions include:

Licensing Officer (Commercial Remote Sensing Regulatory Affairs Division)

- Grade: ZP-3 to ZP-4 (GS-11/12 to GS-13/14 equivalent)
- USAJobs link: [UNSEC-OSC-25-12577795-DHA](#)
- Closing date: November 6, 2024

Physical Science Technicians (Space Operations Division - five positions available)

- Grade: ZT-5 (GS-13 equivalent)
- USAJobs link: [UNSEC OSC-24-12527418-DE](#) (General public)
- USAJobs link: [UNSEC OSC-24-12527417-ST](#) (Status candidates)
- Closing date: September 11, 2025

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## **OSC In the News**

*Ex Terra Podcast:* [TraCSS: Providing Basic Space Situational Awareness](#)

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## **Looking Ahead**

OSC staff will be featured participants in these upcoming events. Interested in meeting with us at one of these events? Submit a meeting request [here](#).

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| <b>Nov 7:</b>  | NSSA Space Domain Awareness Forum - McLean, VA                                    |
| <b>Nov 13:</b> | GNOSIS Conference 2024 - Virtual  |
| <b>Nov 14:</b> | CONFERS Global Satellite Servicing Forum - Arlington, VA                          |
| <b>Nov 19:</b> | National Academies Space Studies Board Public Meeting - Virtual                   |
| <b>Nov 24:</b> | International Forum on Connecting the World from the Skies - Riyadh, Saudi Arabia |

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## **Connect With Us!**

- Website: [space.commerce.gov](https://space.commerce.gov)
- Contact Us: [space.commerce.gov/contact-us](https://space.commerce.gov/contact-us)
- TraCSS: [space.commerce.gov/tracss](https://space.commerce.gov/tracss)
- LinkedIn: [Office of Space Commerce](#)
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- Past Newsletters: [space.commerce.gov/about/osc-newsletters](https://space.commerce.gov/about/osc-newsletters)