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SAFE Orbit Act

Congress: 119 (2025–2027, Current)

Chamber: Senate

Policy Area: Science, Technology, Communications

Introduced: Feb 5, 2025

Current Status: Placed on Senate Legislative Calendar under General Orders. Calendar No. 170.

Latest Action: Placed on Senate Legislative Calendar under General Orders. Calendar No. 170. (Sep 29, 2025)

Official Text: https://www.congress.gov/bill/119th-congress/senate-bill/428

Sponsor

Name: Sen. Cornyn, John [R-TX]

Party: Republican • State: TX • Chamber: Senate

Cosponsors (7 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Blackburn, Marsha [R-TN]	R · TN		Feb 5, 2025
Sen. Hickenlooper, John W. [D-CO]	D · CO		Feb 5, 2025
Sen. Kelly, Mark [D-AZ]	D · AZ		Feb 5, 2025
Sen. Luján, Ben Ray [D-NM]	D · NM		Feb 5, 2025
Sen. Peters, Gary C. [D-MI]	D · MI		Feb 5, 2025
Sen. Schmitt, Eric [R-MO]	R · MO		Feb 5, 2025
Sen. Wicker, Roger F. [R-MS]	R · MS		Feb 5, 2025

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Reported By	Sep 29, 2025

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

No related bills are listed.

Situational Awareness of Flying Elements in Orbit Act or the SAFE Orbit Act

This bill provides statutory authority for the Traffic Coordination System for Space, which is being developed by the Office of Space Commerce to provide space situational awareness data and services to space operators. (*Space situational awareness* means an understanding of the space operational environment and the identification, tracking, and prediction of the behavior of space objects and debris.)

As an initial matter, the bill provides for the elevation of the Office of Space Commerce to a standalone bureau within the Department of Commerce. (The office currently sits within the National Oceanic and Atmospheric Administration.)

The bill authorizes the bureau to acquire location tracking data, positional and orbit determination information, conjunction data messages, and other data, analytics, information, and services deemed necessary to avoid collisions in space. The bureau must disseminate this information at no charge (1) through a public database of space situational awareness information and services, including space traffic coordination; and (2) through the provision of basic situational awareness services to satellite operators. The bill also sets forth certain requirements for the collection and dissemination of such information, including that, to the extent practicable, the provision of service to satellite operators may not compete with private situational awareness products.

Finally, the bill provides immunity for the United States government from any suit for a cause of action arising from the provision or receipt of space situational awareness services or information.

Actions Timeline

- **Sep 29, 2025:** Committee on Commerce, Science, and Transportation. Reported by Senator Cruz with amendments. With written report No. 119-65.
- **Sep 29, 2025:** Placed on Senate Legislative Calendar under General Orders. Calendar No. 170.
- **Mar 12, 2025:** Committee on Commerce, Science, and Transportation. Ordered to be reported with an amendment favorably.
- **Feb 5, 2025:** Introduced in Senate
- **Feb 5, 2025:** Read twice and referred to the Committee on Commerce, Science, and Transportation.

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