

-----Original Message-----

From: CloseApproach@space-track.org <CloseApproach@space-track.org>
Sent: Friday, September 20, 2024 9:40 AM
To: satelliteowner@opscenter.com
Cc: 18 SPCS/Orbital Safety <18SPCS.doo.orbitalsafety@us.af.mil>
Subject: [Satellite Common Name] Close Approach Notification

The United States 18th Space Control Squadron has identified a close approach between [Satellite Common Name] (SCC # 12345) and SCC # 67890

Time of Closest Approach: 2018/12/29 15:49:56.000(UTC)
Probability of Collision (Pc): 0.003207828
Overall miss distance: 121.0m
Radial miss distance (RELATIVE_POSITION_R): 9.6m
In-Track miss distance (RELATIVE_POSITION_T): -107.0m
Cross-track miss distance (RELATIVE_POSITION_N): 56.6m.

Please reply to us to acknowledge that you received this close approach notification. (Replying to this email will send your message to 18SPCS.doo.orbitalsafety@us.af.mil)

For more information on this close approach, including covariance values, the full Conjunction Data Message (CDM) is available after logging in to the Space-Track website at this link https://www.space-track.org/expandedspacedata/query/class/cdm/CONSTELLATION/ALL/MESSAGE_ID/12345_conj_67890_2018363154956_3621709163429/format/kvn/emptyresult/show

If you do not have a Space-Track account, please apply for one here: <https://www.space-track.org/auth/createAccount> and then contact SPOC.SPACE.CustomerService@spaceforce.mil for access to Conjunction Data Messages.

If you would like another conjunction assessment screening using your ephemeris, please send it to the 18 SPCS Orbital Safety Team in accordance with the format and file naming guidance in the Spaceflight Safety Handbook for Operators: https://www.space-track.org/documents/Spaceflight_Safety_Handbook_for_Operators.pdf

For information on how the 18 SPCS calculates Pc, please see the Spaceflight Safety Handbook for Operators: https://www.space-track.org/documents/Spaceflight_Safety_Handbook_for_Operators.pdf

Thank you for your time and assistance. Please contact us if you have questions.

Very Respectfully,

18 SPCS Orbital Safety Team
18th Space Control Squadron
Combined Space Operations Center (CSpOC)
Vandenberg Air Force Base, California USA
Commercial: 1-805-605-3533
18SPCS.doo.orbitalsafety@us.af.mil

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