

From: jspocCloseApproach@space-track.org [<mailto:jspocCloseApproach@space-track.org>]
Sent: Friday, October 28, 2016 11:00 AM
To: satelliteeng@orbcomm.com space_ops_alerts@orbcomm.com
Cc: JSpOC/Space Correspondence <JSpOCSpaceCorrespondence@us.af.mil>
Subject: ORBCOMM FM 21 Close Approach Notification

The United States Joint Space Operations Center (JSpOC) has identified a close approach between ORBCOMM FM 21 (SCC# 25475) and SCC #34953

Time of Closest Approach: 2016/10/31 16:07:22.000(UTC)
Probability of Collision (Pc): 0.000581889
Overall miss distance: 630.0m
Radial miss distance (RELATIVE_POSITION_R): 26.1m
In-Track miss distance (RELATIVE_POSITION_T): -332.1m
Cross-track miss distance (RELATIVE_POSITION_N): 534.8m.

Please reply to us to acknowledge that you received this close approach notification. (Replying to this email will send your message to JSpOCSpaceCorrespondence@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/25475_conj_34953_2016305160722_302164814400/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 jspoc.sssharing@us.af.mil for access to Conjunction Data Messages.

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

For information on how the JSpOC calculates Pc, please see https://www.space-track.org/documents/How_the_JSpOC_Calculates_Probability_of_Collision.pdf

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

Very Respectfully,

JSpOC Spaceflight Safety Team
Vandenberg Air Force Base, California USA
Commercial:1-805-605-3533
JSpOCSpaceCorrespondence@us.af.mil

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