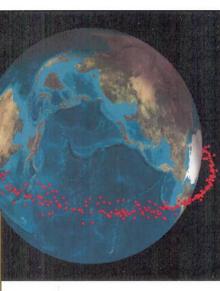




COSMOS 2251 DEBRIS PROPAGATION



NOTE: Illustration depicts propagation of debris field based on preliminary ELSET information.

UPDATE

Preliminary ELSETs

135 as of 03/0600z Aug 09

Cataloged Objects

896 as of 03/0600z Aug 09

Notes

PREDICTION ASSESSMENTS

Predicted Reentries within 24 hrs

Conjunctions

Planned Maneuvers
N/A

ADDITIONAL INFORMATION

None at this time

UNCLASSIFIED

Period

91 - 110 min

Min Perigee

246 km

Max Apogee

1707 km

Inclination

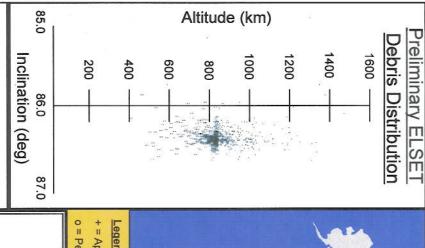
73.6° - 74.3°

RCS Range

NA

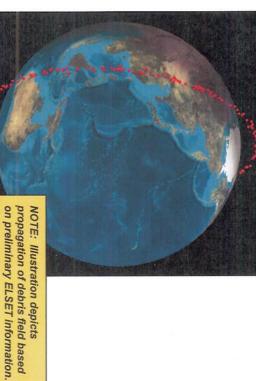
Debris Summary

CAO: 03/0600z Aug 09



o = Perigee + = Apogee Legend 788.6km Longitude, Altitude: 72.5 N Latitude, 97.9E ocation: UNCLASSIFIED

IRIDIUM 33 DEBRIS PROPAGATION



CATALOG <u>UPDATE</u>

Preliminary ELSETs

100 mm

164 as of 03/0600z Aug 09

Cataloged Objects
369 as of 03/0600z Aug 09

Notes

PREDICTION ASSESSMENTS

Predicted Reentries within 24 hrs

Iridium Constellation Conjunctions

Planned maneuvers
None

ADDITIONAL INFORMATION

None at this time

Range

Inclination

85.6° - 86.6°

Min Perigee

418 km

Max Apogee

1483 km

RCS Range

NA

Debris Summary

(Range)

Period

95 - 108 min

UNCLASSIFIED

CAO: 03/0600z Aug 09