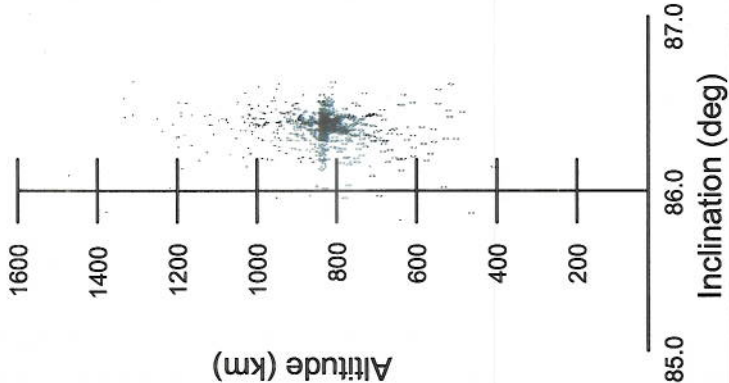


Preliminary ELSET Debris Distribution



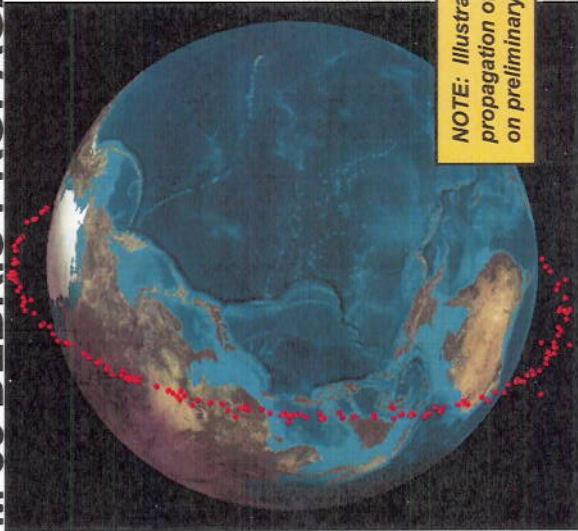
Debris Summary

RCS Range	N/A
Max Apogee	1485 km
Min Perigee	389 km
Inclination Range	85.6° - 86.6°
Period (Range)	95 - 108 min

UNCLASSIFIED



IRIDIUM 33 DEBRIS PROPAGATION



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CAO: 26/1230z Jul 09

CATALOG UPDATE

Preliminary ELSETs

131as of 26/1230z Jul 09

Cataloged Objects

366 as of 26/1230z Jul 09

Notes

PREDICTION ASSESSMENTS

Predicted Reentries within 24 hrs
0

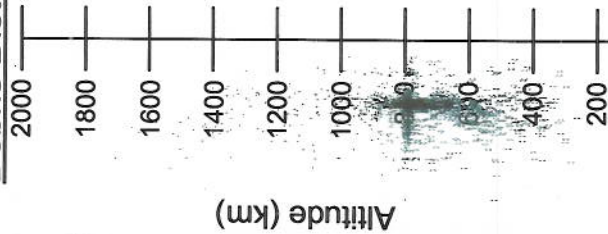
Iridium Constellation Conjunctions
2

Planned maneuvers
None

ADDITIONAL INFORMATION

None at this time

Preliminary ELSET Debris Distribution



73.0 75.0 77.0
Inclination (deg)

Debris Summary

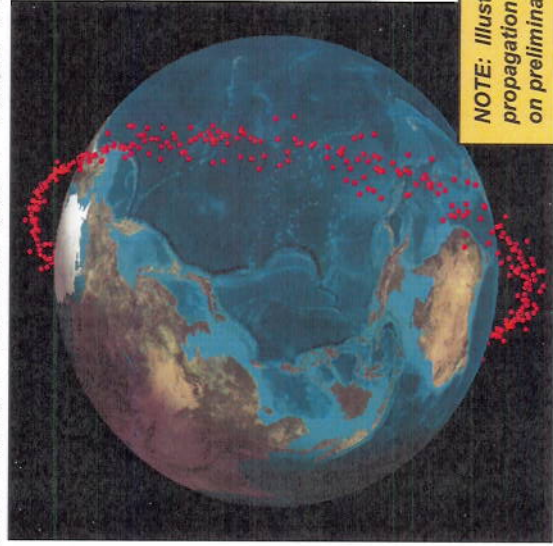
RCS Range	N/A
Max Apogee	1707 km
Min Perigee	246 km
Inclination	73.6° - 74.3°
Period	91 - 110 min



Event Location:
72.5 N Latitude, 97.9 E
Longitude, Altitude:
788.6 km

Legend
+ = Apogee
o = Perigee

COSMOS 2251 DEBRIS PROPAGATION



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

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CAO: 26/1230z Jul 09

CATALOG UPDATE

Preliminary ELSETs

274 as of 26/1230z Jul 09

Cataloged Objects

863 as of 26/1230z Jul 09

Notes

PREDICTION ASSESSMENTS

Predicted Reentries within 24 hrs
0

Conjunctions
0

Planned Maneuvers
N/A

ADDITIONAL INFORMATION

None at this time