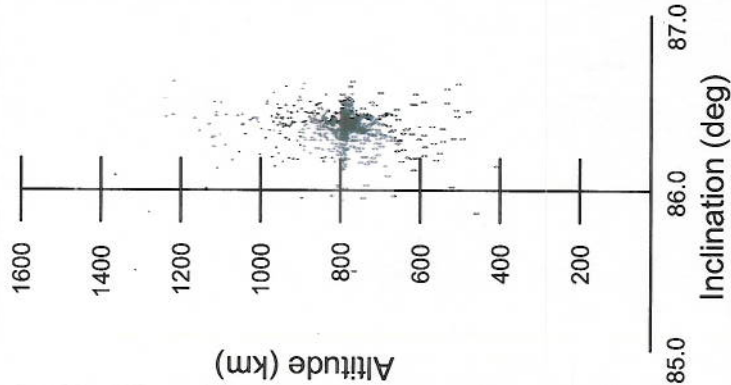


Preliminary ELSET
Debris Distribution

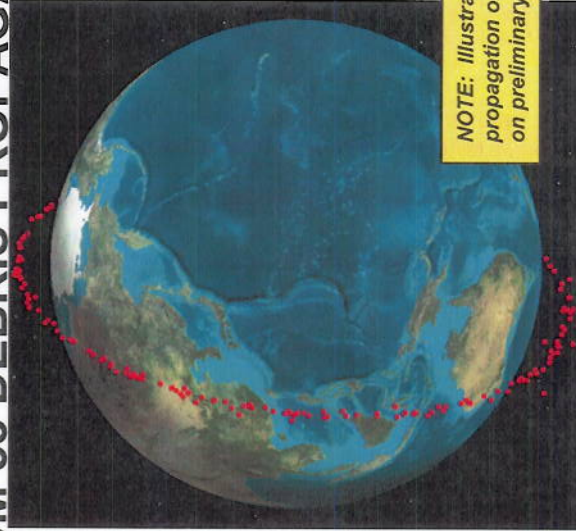


Debris Summary

RCS Range	N/A
Max Apogee	1369 km
Min Perigee	402 km
Inclination Range	85.5° - 86.6°
Period (Range)	96 - 105 min



IRIDIUM 33 DEBRIS PROPAGATION



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CAO: 01/1130z Jun 09

CATALOG
UPDATE

Preliminary ELSETS

114 as of 01/1130z Jun 09

Cataloged Objects

318 as of 01/1130z Jun 09

Notes

PREDICTION
ASSESSMENTS

Predicted Reentries within 24 hrs
0

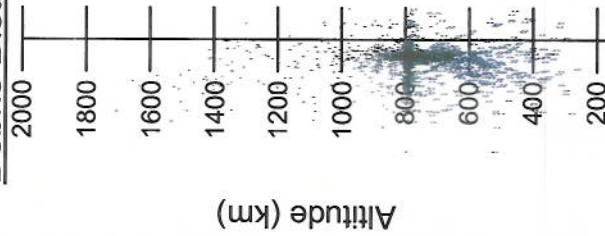
Iridium Constellation Conjunctions
14

Planned maneuvers
None

ADDITIONAL
INFORMATION

None at this time

Preliminary ELSET Debris Distribution



73.0 75.0 77.0
Inclination (deg)

Debris Summary

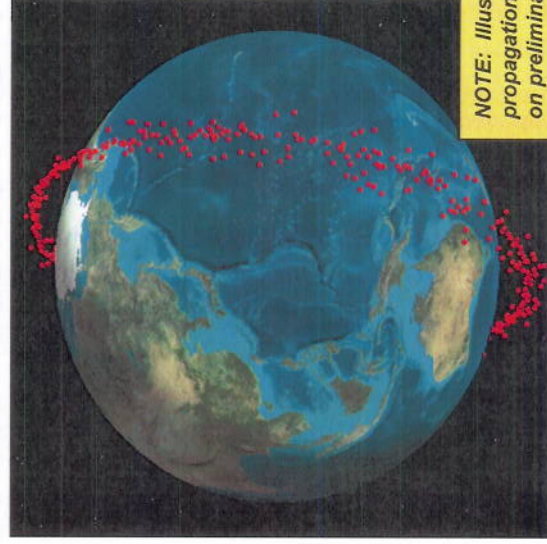
RCS Range	N/A
Max Apogee	1708 km
Min Perigee	251 km
Inclination	73.6° - 75.3°
Period	92 - 110 min

UNCLASSIFIED



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: 01/1130z Jun 09

CATALOG UPDATE

Preliminary ELSETS

251 as of 01/1130z Jun 09

Cataloged Objects

754 as of 01/1130z Jun 09

Notes

PREDICTION ASSESSMENTS

Predicted Reentries within 24 hrs

0

Conjunctions

0

Planned Maneuvers

N/A

ADDITIONAL INFORMATION

None at this time