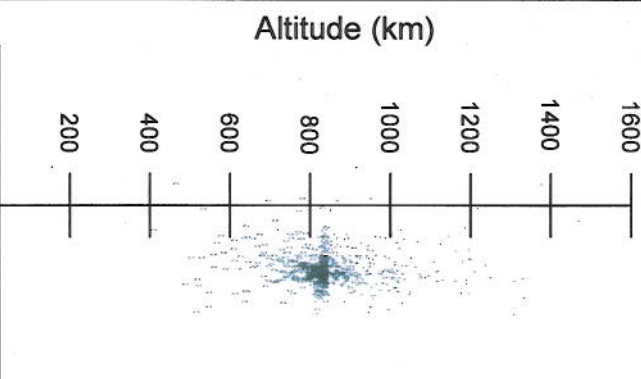


Preliminary ELSET

Debris Distribution



85.0 86.0 87.0
Inclination (deg)

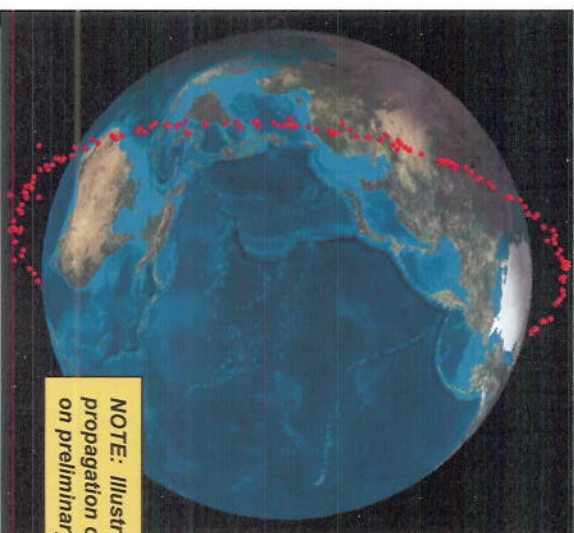
Debris Summary

RCS Range	N/A
Max Apogee	1483 km
Min Perigee	439 km
Inclination Range	85.6° - 86.6°
Period (Range)	96 - 108 min



Legend
+ = Apogee
o = Perigee

IRIDIUM 33 DEBRIS PROPAGATION



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

UNCLASSIFIED

CAO: 16/1230z Aug 09

CATALOG
UPDATE

Preliminary ELSETS

154 as of 16/1230z Aug 09

Cataloged Objects

390 as of 16/1230z Aug 09

Notes

PREDICTION
ASSESSMENTS

Predicted Reentries within 24 hrs

0

Iridium Constellation Conjunctions

2

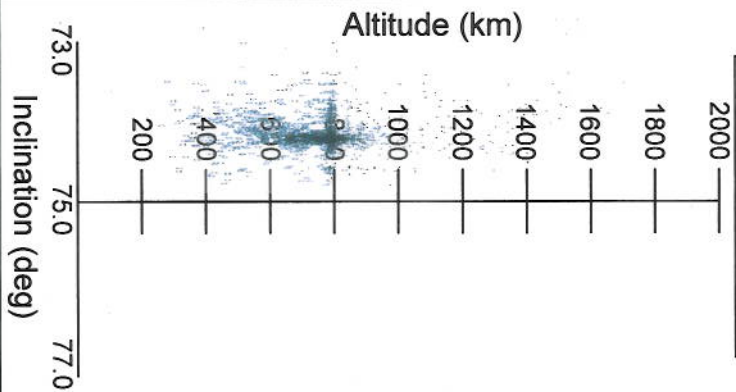
Planned maneuvers

None

ADDITIONAL
INFORMATION

None at this time

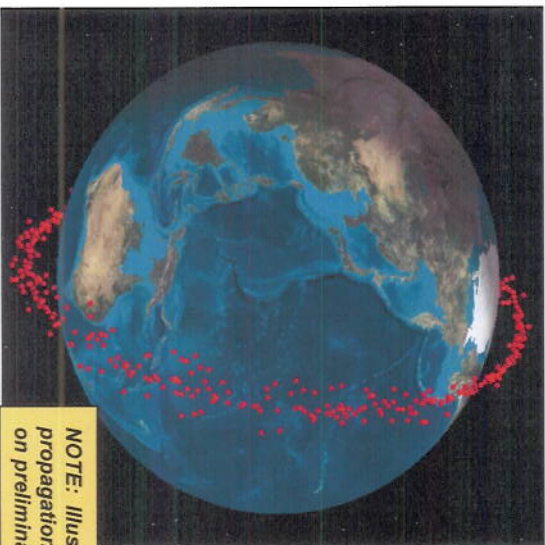
Preliminary ELSET Debris Distribution



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



COSMOS 2251 DEBRIS PROPAGATION



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

UNCLASSIFIED

CAO: 16/1230z Aug 09

CATALOG UPDATE

Preliminary ELSETs

195 as of 16/1230z Aug 09

Cataloged Objects

928 as of 16/1230z Aug 09

Notes

PREDICTION

ASSESSMENTS

Predicted Reentries within 24 hrs

0

Conjunctions

1

Planned Maneuvers

N/A

ADDITIONAL INFORMATION

None at this time