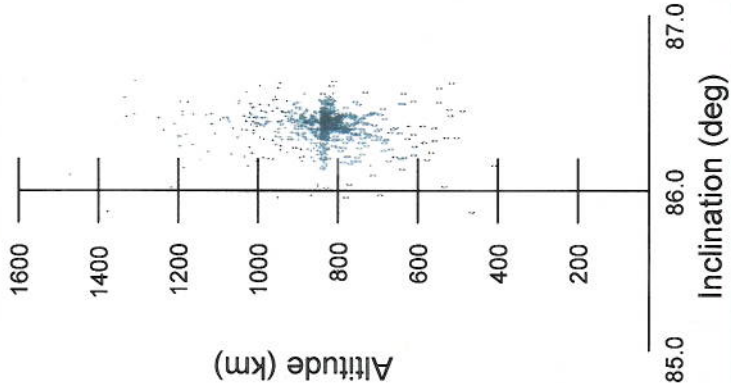


Preliminary ELSET
Debris Distribution

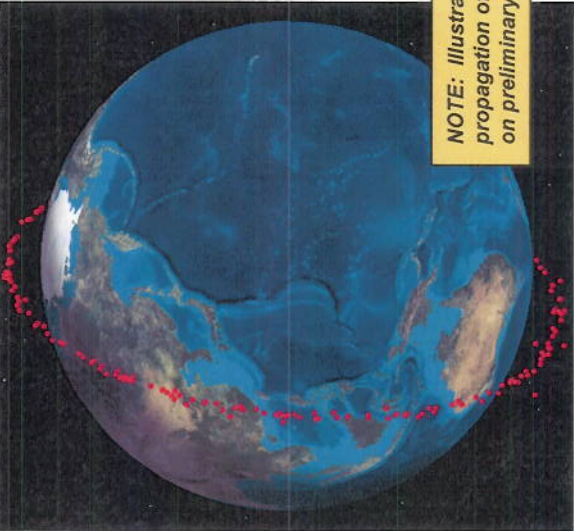


Debris Summary

| | |
|-------------------|---------------|
| RCS Range | N/A |
| Max Apogee | 1501 km |
| Min Perigee | 399 km |
| Inclination Range | 85.5° - 86.6° |
| Period (Range) | 95 - 108 min |



IRIDIUM 33 DEBRIS PROPAGATION



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

CATALOG
UPDATE

Preliminary ELSETs

116 as of 19/0315z Jun 09

Cataloged Objects

336 as of 19/01315z Jun 09

Notes

PREDICTION
ASSESSMENTS

Predicted Reentries within 24 hrs
0

Iridium Constellation Conjunctions
6

Planned maneuvers
None

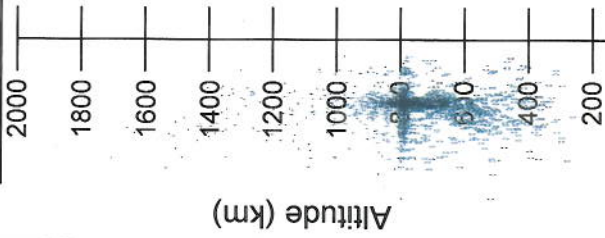
ADDITIONAL
INFORMATION

None at this time

CAO: 19/0315z Jun 09

UNCLASSIFIED

Preliminary ELSET Debris Distribution



73.0 75.0 77.0
Inclination (deg)

Debris Summary

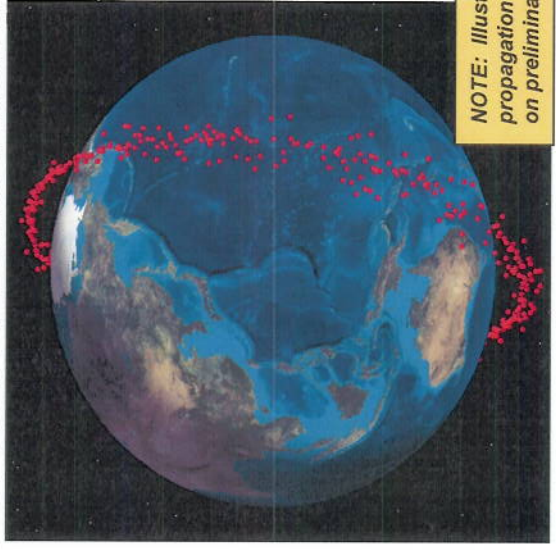
| | |
|-------------|---------------|
| RCS Range | N/A |
| Max Apogee | 1707 km |
| Min Perigee | 246 km |
| Inclination | 73.6° - 74.3° |
| Period | 91 - 110 min |

UNCLASSIFIED



Legend
+ = Apogee
o = Perigee

COSMOS 2251 DEBRIS PROPAGATION



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

CAO: 19/0315z Jun 09

UNCLASSIFIED

CATALOG UPDATE

Preliminary ELSETs

224 as of 19/0315z Jun 09

Cataloged Objects

786 as of 19/0315z Jun 09

Notes

PREDICTION ASSESSMENTS

Predicted Reentries within 24 hrs
0

Conjunctions
1

Planned Maneuvers
N/A

ADDITIONAL INFORMATION

None at this time