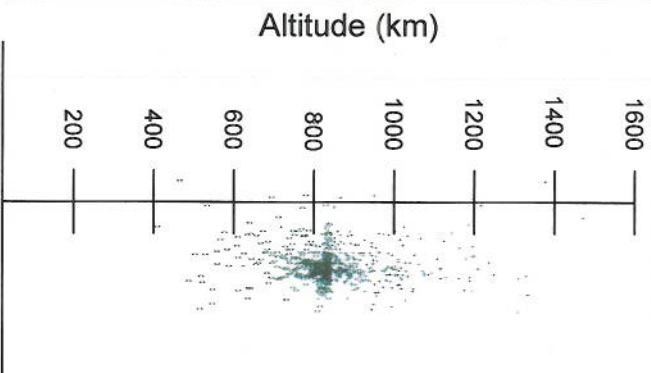
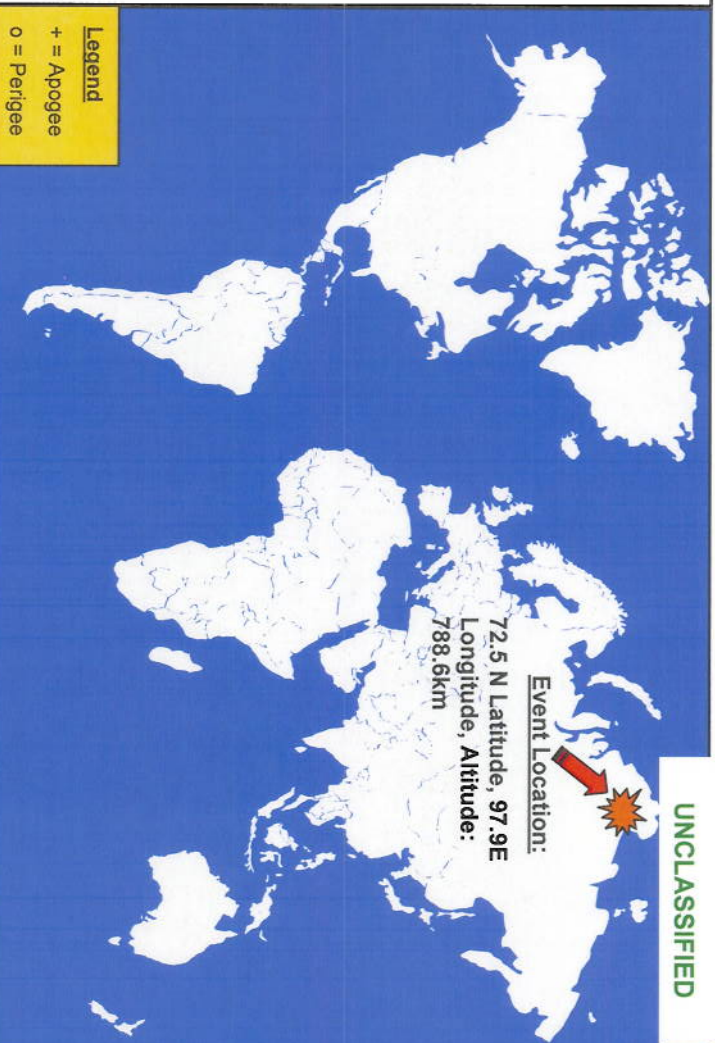


Preliminary ELSET
Debris Distribution



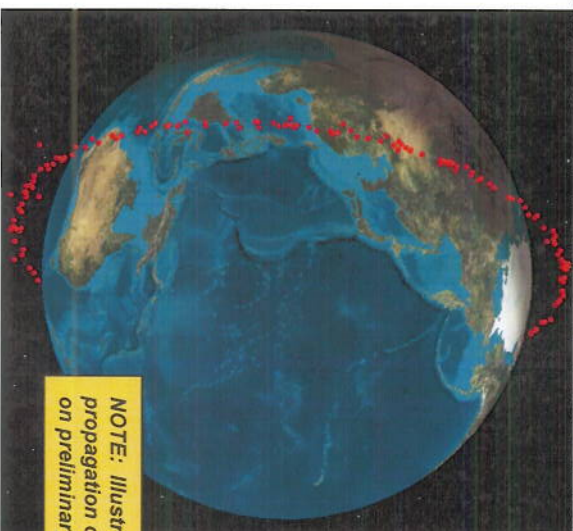
Debris Summary

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



Legend
+ = Apogee
o = Perigee

IRIDIUM 33 DEBRIS PROPAGATION



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

CATALOG
UPDATE

Preliminary ELSETs

116 as of 15/1230z Jun 09

Cataloged Objects

336 as of 15/1230z Jun 09

Notes

PREDICTION
ASSESSMENTS

Predicted Reentries within 24 hrs

0

Iridium Constellation Conjunctions

9

Planned maneuvers

None

ADDITIONAL
INFORMATION

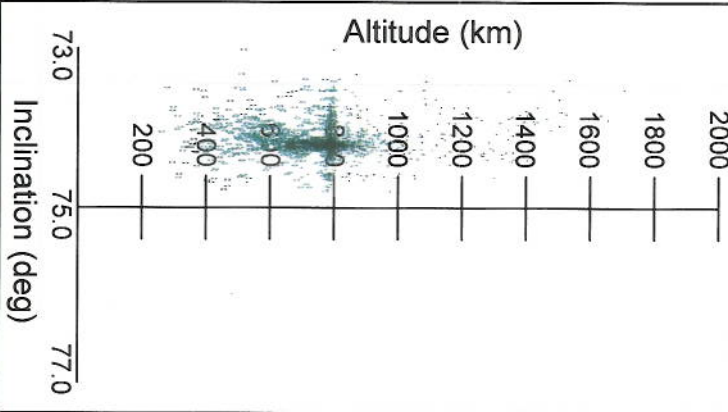
None at this time

UNCLASSIFIED

CAO: 15/1230z Jun 09

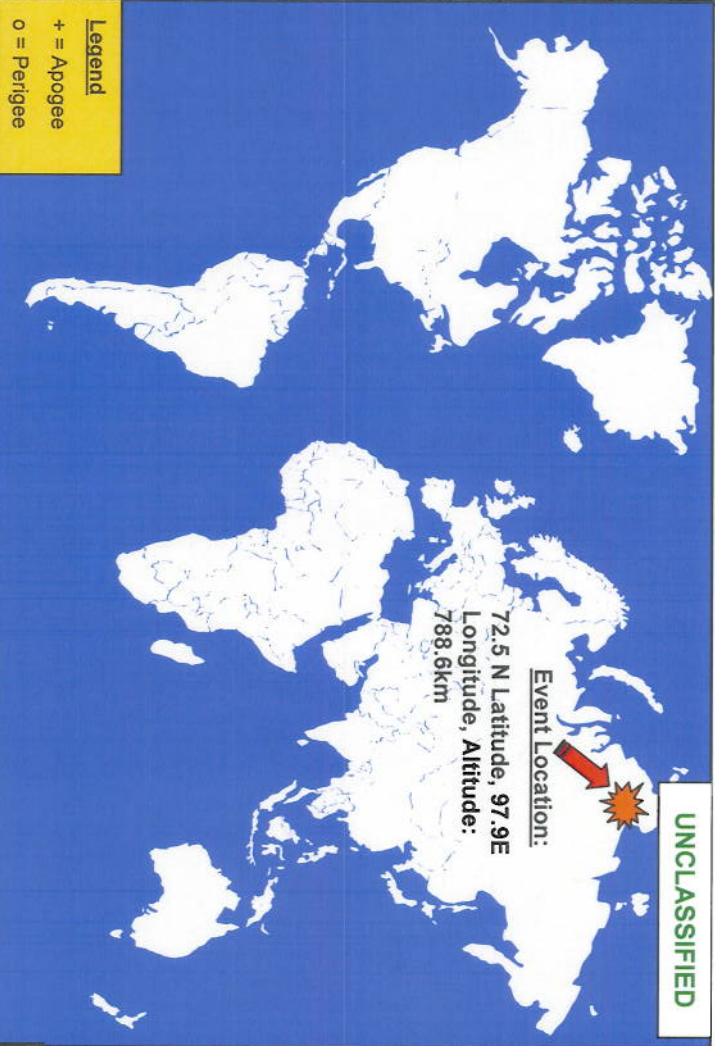
Preliminary ELSET

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



UNCLASSIFIED

CATALOG
UPDATE

Preliminary ELSETS

223 as of 15/1230z Jun 09

Cataloged Objects

787 as of 15/1230z Jun 09

Notes

PREDICTION
ASSESSMENTS

Predicted Reentries within 24 hrs

0

Conjunctions

2

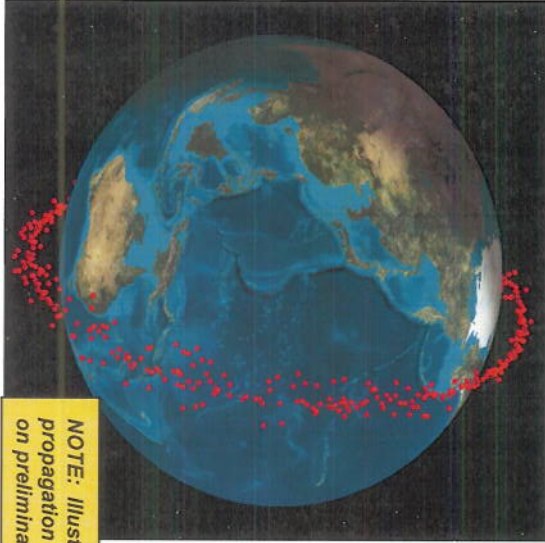
Planned Maneuvers

N/A

ADDITIONAL
INFORMATION

None at this time

COSMOS 2251 DEBRIS PROPAGATION



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

UNCLASSIFIED

CAO: 15/1230z Jun 09