

AIAA SOSTC
Improving Space & Launch Operations Workshop
April 2009
Conjunction Assessment Track



Track Presentations

- } Covered spectrum of conjunction assessment
 - Recent Iridium 33-Cosmos 2251 collision and implications
 - Emerging operational collaboration approaches to improved conjunction assessment
 - Significant improvement in CA realized for GEO
 - Methodologies for assessing threats
 - Emphasized need for conjunction risks to become part of future systems design
 - Went into depth on SOSTC CA survey and results to date

Track Summary

- } SOSTC CA subcommittee efforts underway to publish AIAA whitepaper
- } Technology exists to perform proper CA
- } Significant challenges exist:
 - Only one organization has full catalog data
 - Gaps exist in available data
 - Accuracy
 - Uncertainty
 - No organization has the responsibility for orbital traffic coordination