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# Launch Operations Support / Space Transportation Operations Working Group

## Spring 2008 Summary Report

Bob Davis, Chair

# Spring 2008 LOSWG Summary Report

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- WG Meeting 15 May, 35 participants
- Discussion Topics Addressed
  - Quantity-Distance Determinations
  - Reusable System Enterprise System Engineering
  - Domestic/Global Airspace-Space Policy, Regulatory and Operational considerations

- Quantity – Distance Determination and Associated Regulations
  - Need identified to review Q-D calculations and regulations in context of Reusable Systems operations.
  - Relates to determination of Operating Area, Buffer Zone and day to day Reusable System passenger/participant operations

*Recommend development of a Problem Statement as candidate for future study, based on identified issues and constraints*

- System Engineering Analysis of Reusable Systems
  - RLVWG / RLV Task Force on Training doing superior work
  - A comprehensive SE analysis of generic Reusable Systems Enterprise is needed to identify and prioritize un-addressed operating and regulatory needs

*Recommend contemporary review and update of earlier high-level SE assessment of emerging reusable flight and spaceport system enterprise needs*

## WG – 15 May 2008

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- Reusable Systems NGATS airspace policy and regulatory Issues and Needs
  - Three operating scenarios
    - Launch/recovery from single site
    - Point To Point – Domestically
    - Point To Point – Internationally
  - Need identified for planning and development of “Space ICAO” – not too early to begin development

*Recommend development of a first order equivalent of the Commercial Space Transportation Forecast – to facilitate routine domestic/international commercial reusable systems space use*

## WG – 15 May 2008

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- Range Interface and Use Issues
  - Potential divergence of DoD and FAA licensing compliance interpretations
    - To be referred to the Common Standards Working Group, taken up as an Issue in the future, if warranted
  - Space-based Range is a continuing unfunded interest