Pushing The RockSat Concept To New EXtremes

Overview

RockSat-X Deck and Standard Interface

Each RockSat-X Deck Gets

- Flight On A Terrier-Improved Orion
- 30 lbs Payload + Deck and PT Interface
- 28 V with 1 Ah Provided by Wallops
  - 3 Non-Redundant Events
  - 1 Redundant Event
- Access to Space Environment
- Real Time Telemetry
  - Ten 16 bit 0-5V A/D Lines
  - One Parallel Line
  - One Asynchronous Line
- GPS Data of Flight
- Standard Mounting Plate
- Environmental Testing Prior to Flight
- ~ 100 Mile Apogee

Mission Management and Support

- Integration The Week of Launch
- Environmental Testing Prior To Launch
- Payload Manager/Liaison
- Guidance In Design Process

Competitive Selection Process

- Notice Of Intent
- CoDR/MIC
- PDR/RDM
- CDR/DR
- Final Down Select
- Interim Reviews

Cost

RockSat-X 2011 Costs

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<thead>
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<tr>
<td>Full-X</td>
<td>$ 24,000</td>
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<tr>
<td>Half-X</td>
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RockSat-X Deck

RockSat-X 2011:
- Notice of Intent Due September 10th

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RockSat-X 2011 Costs

Full-X $ 24,000
Half-X $ 14,000

Colorado Space Grant Consortium