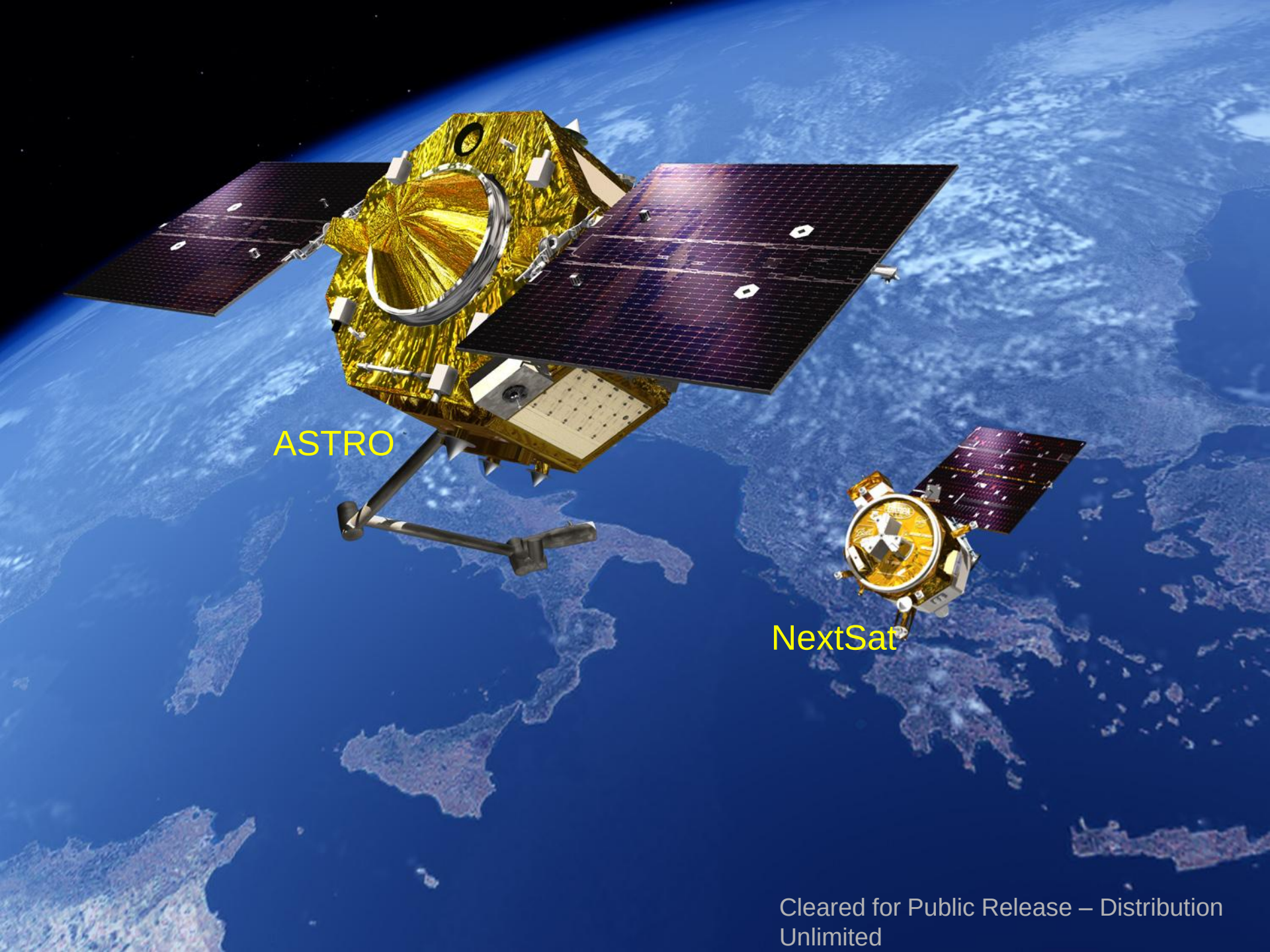

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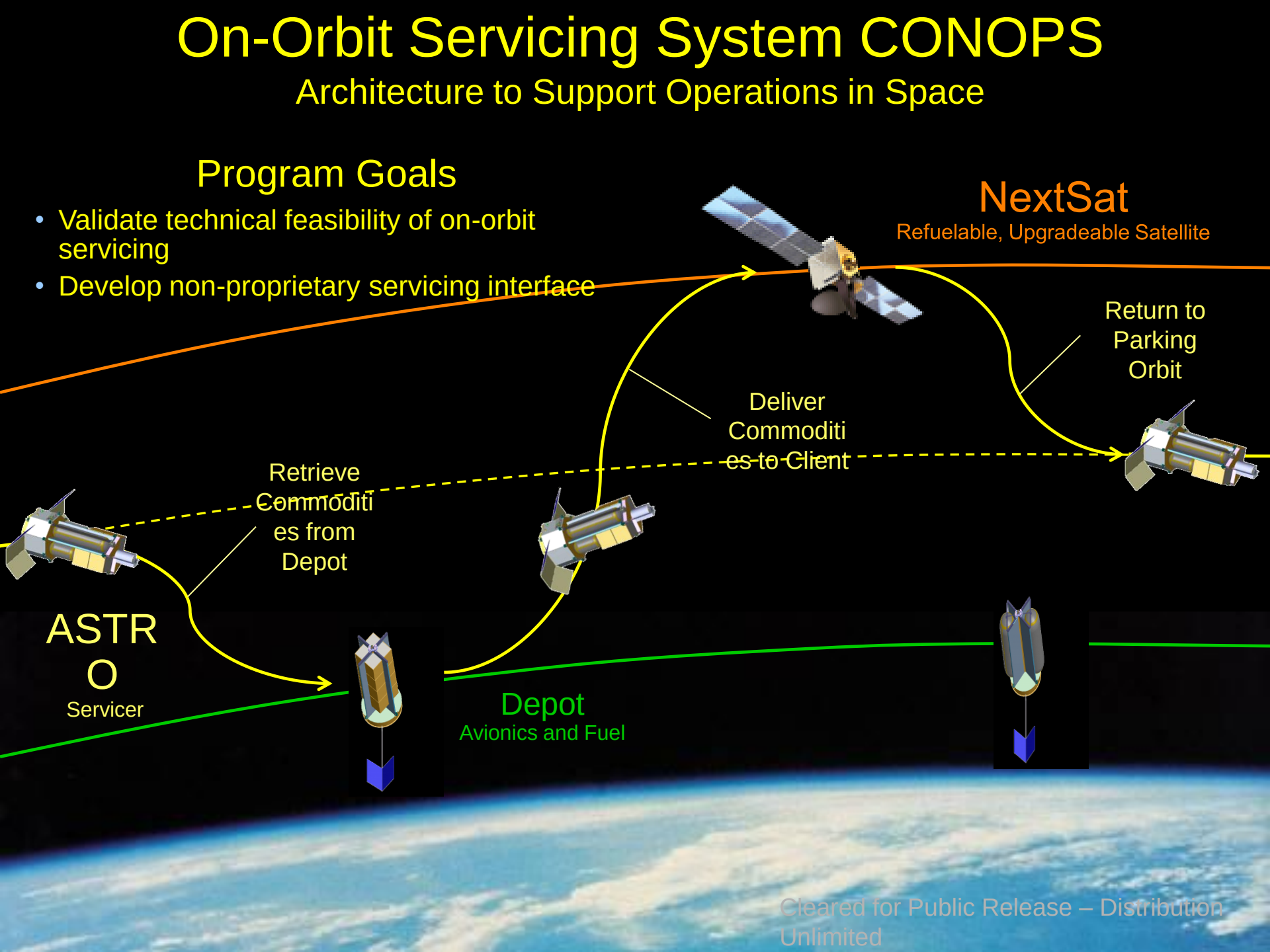
On-Orbit Servicing System CONOPS

Architecture to Support Operations in Space

Program Goals

- Validate technical feasibility of on-orbit servicing
- Develop non-proprietary servicing interface



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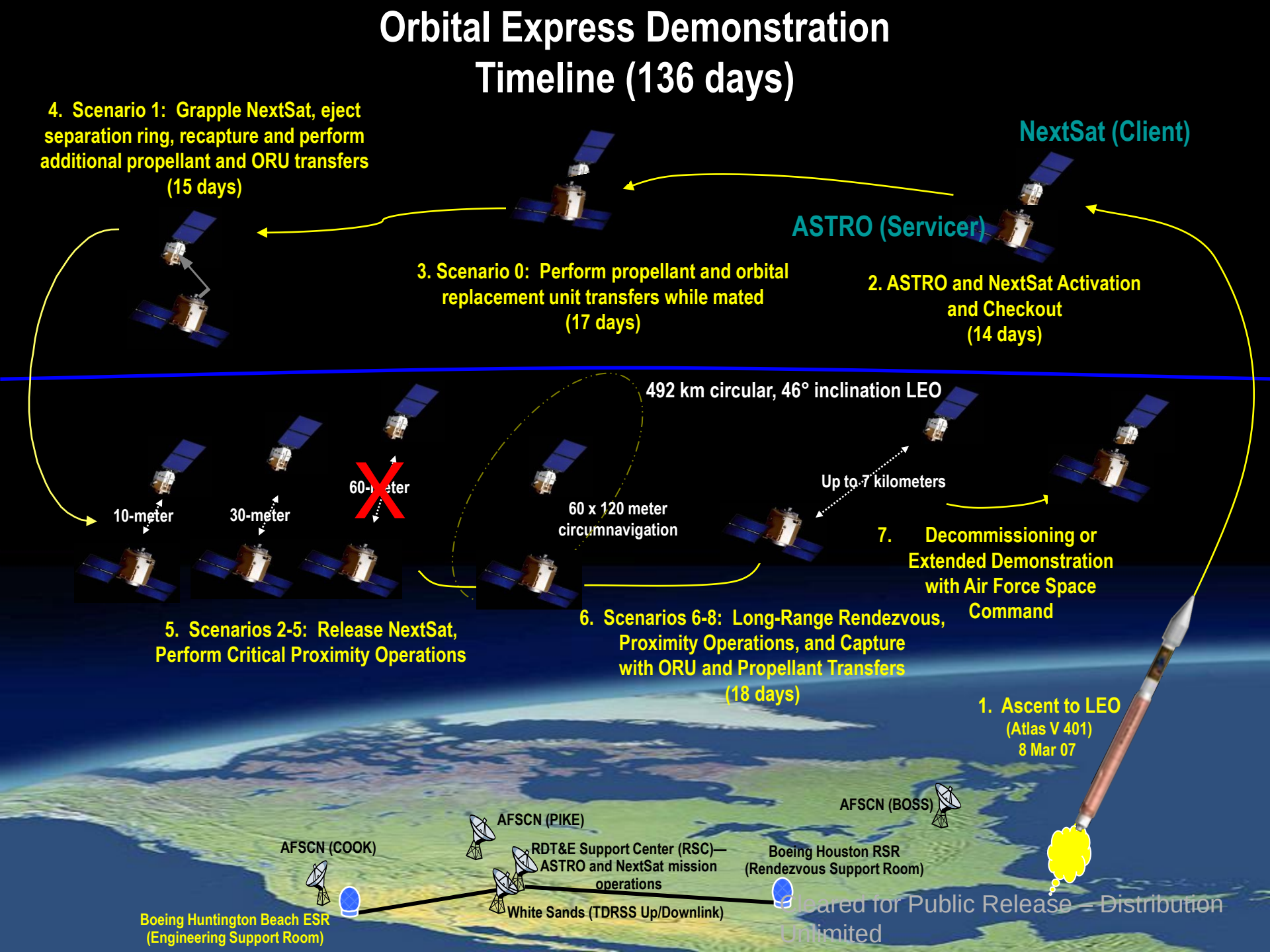
Orbital Express Demonstration Timeline (136 days)



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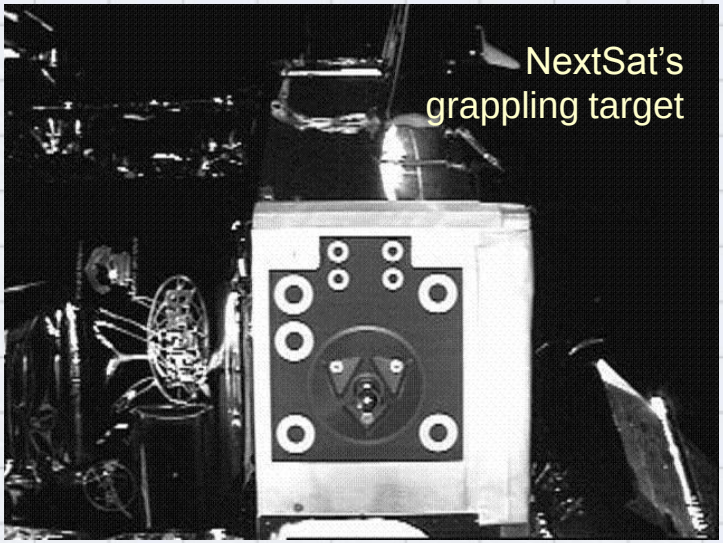
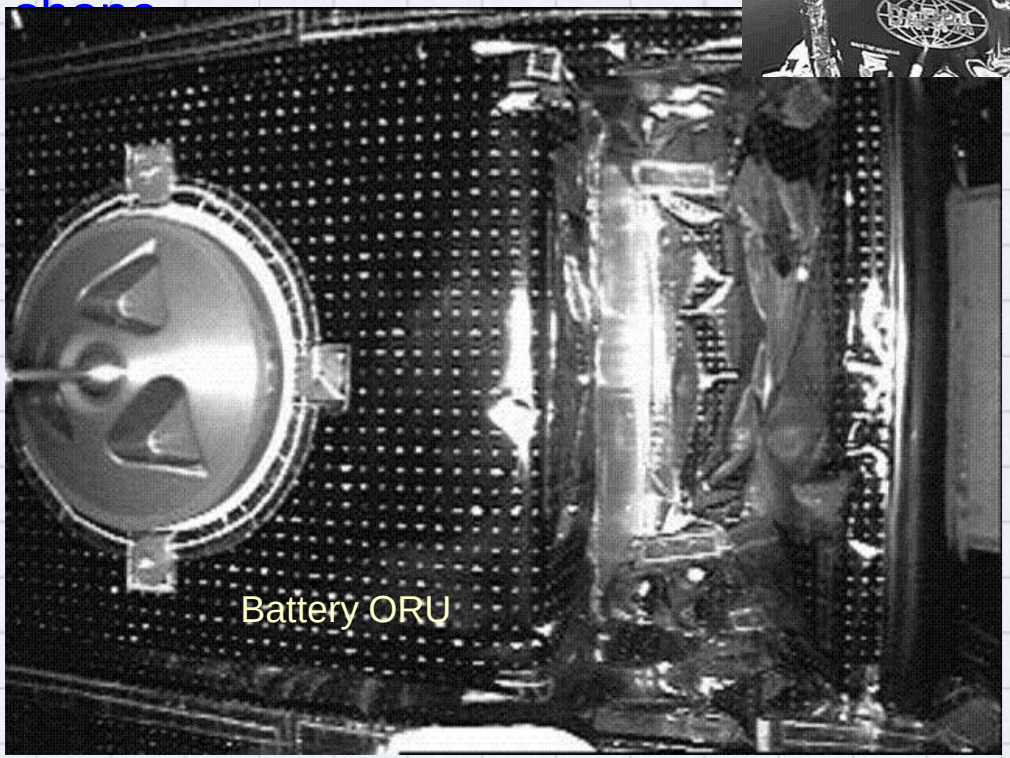
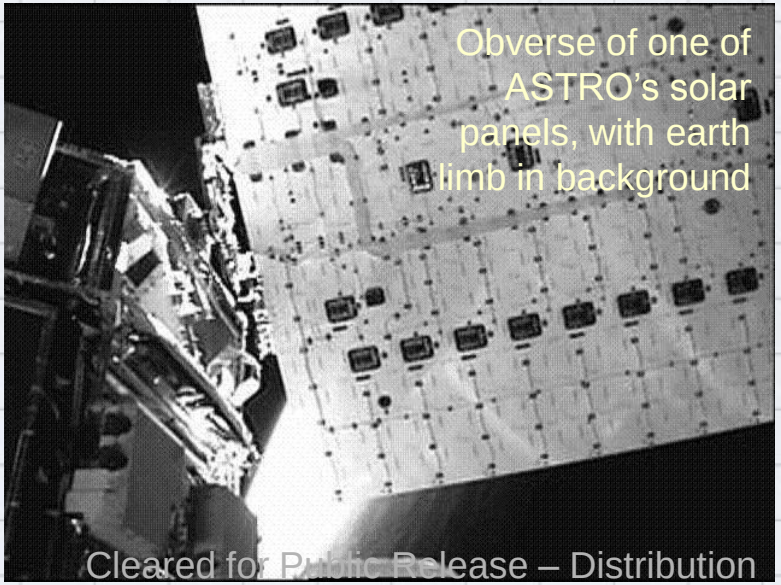
Results of Global Survey

- Arm camera shot 1,660 photos over 54-minute period
- Single command executed arm global survey script
- Assembled video indicated both vehicles were in good







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Separation Ring Eject

Separation Ring Eject

Berthing NextSat

Battery ORU transferred to NextSat on 6 Apr 07

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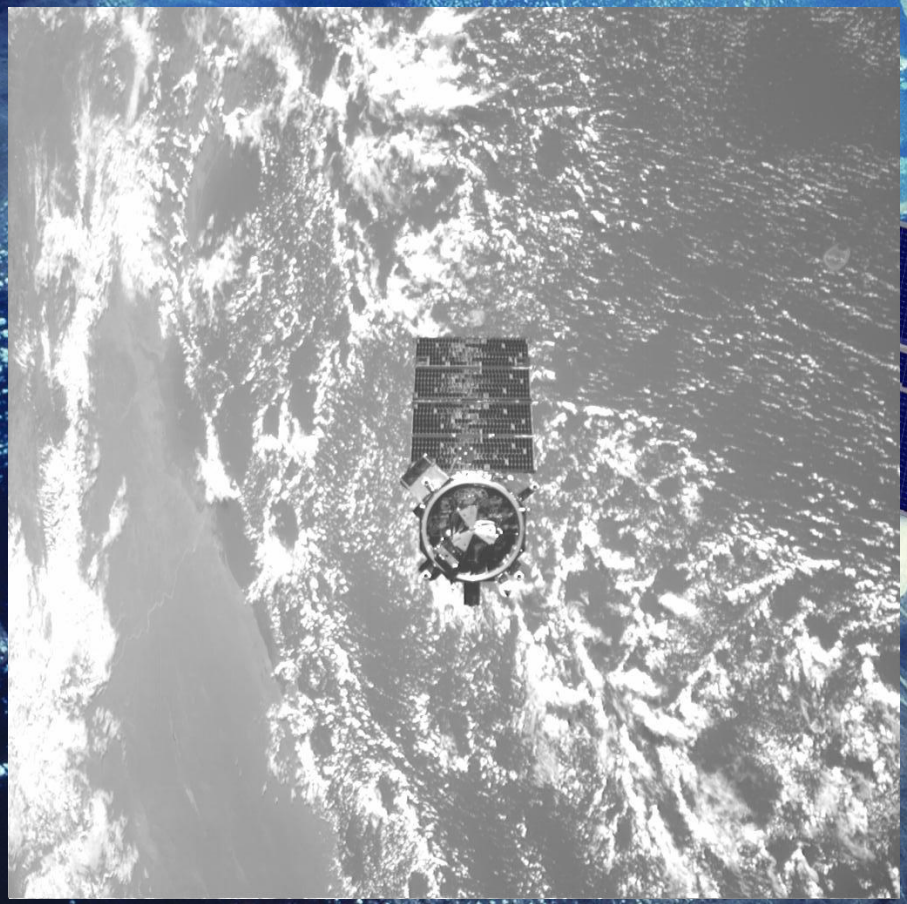

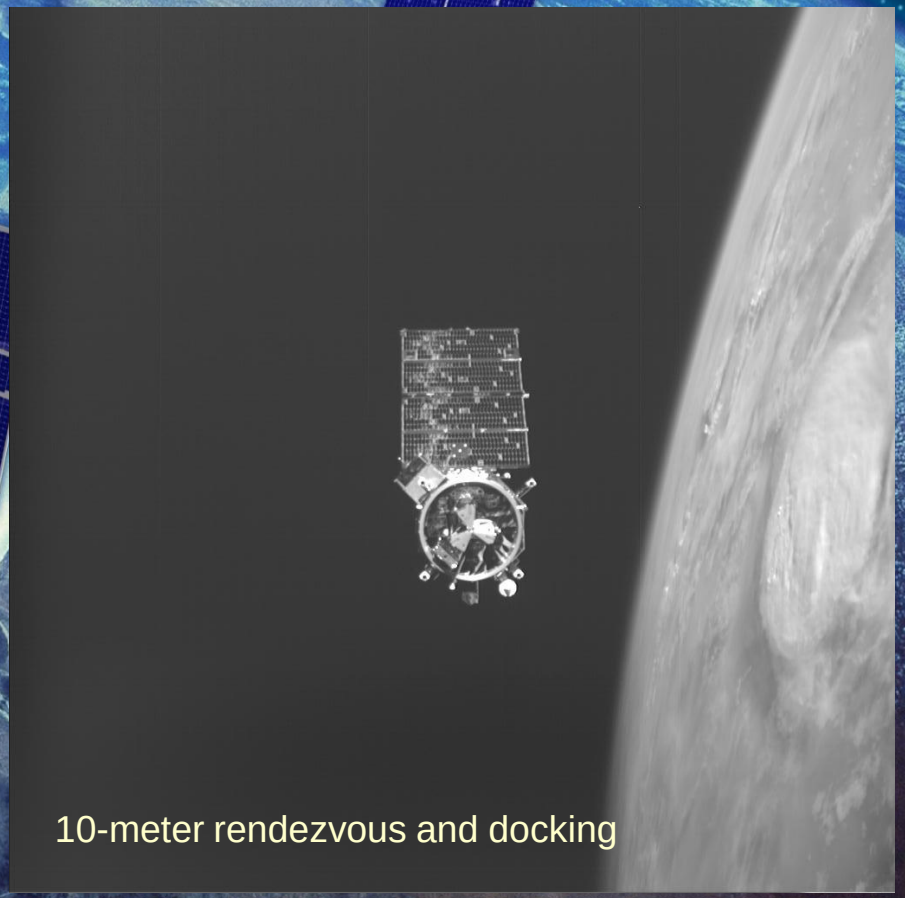

10-meter rendezvous and docking

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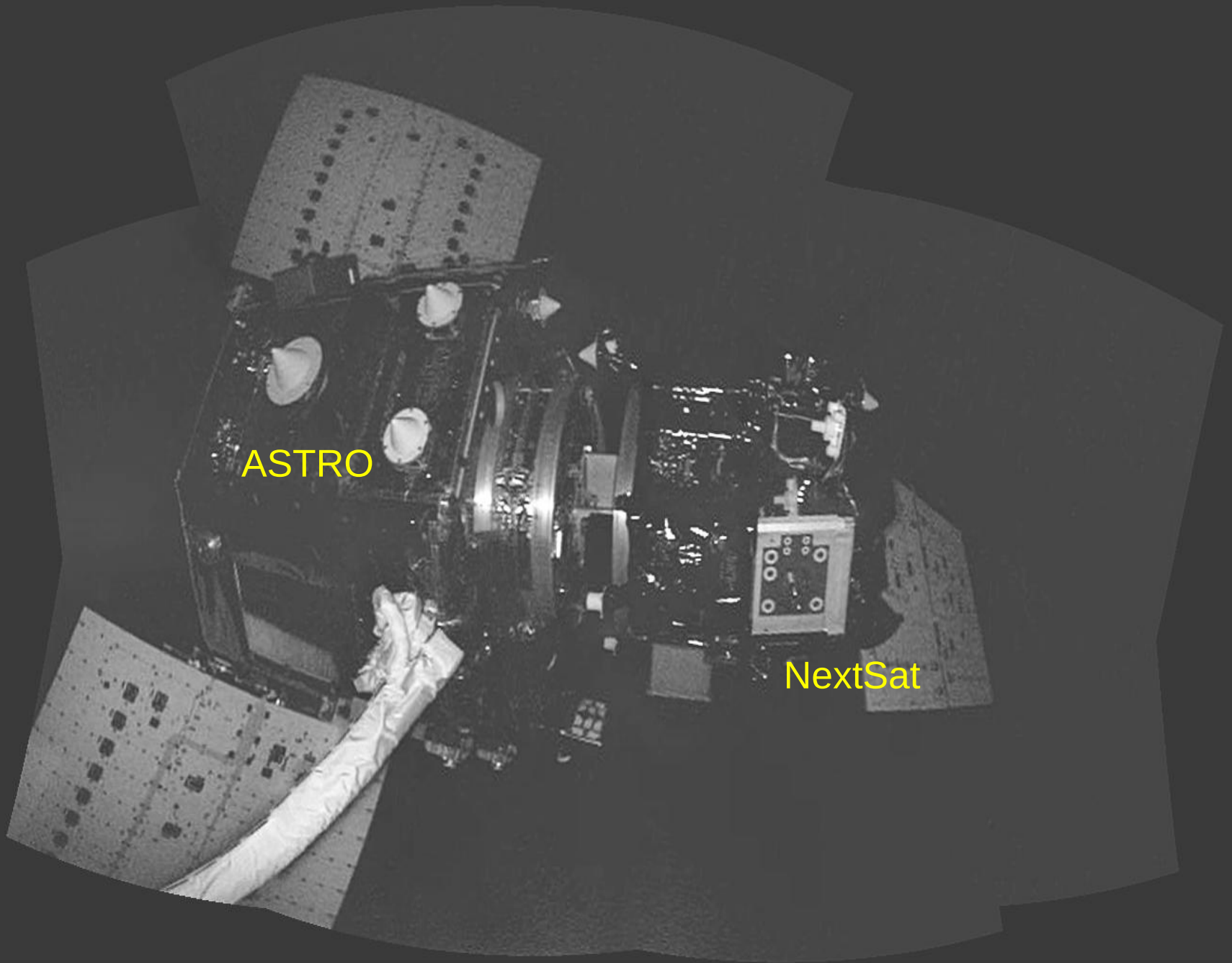

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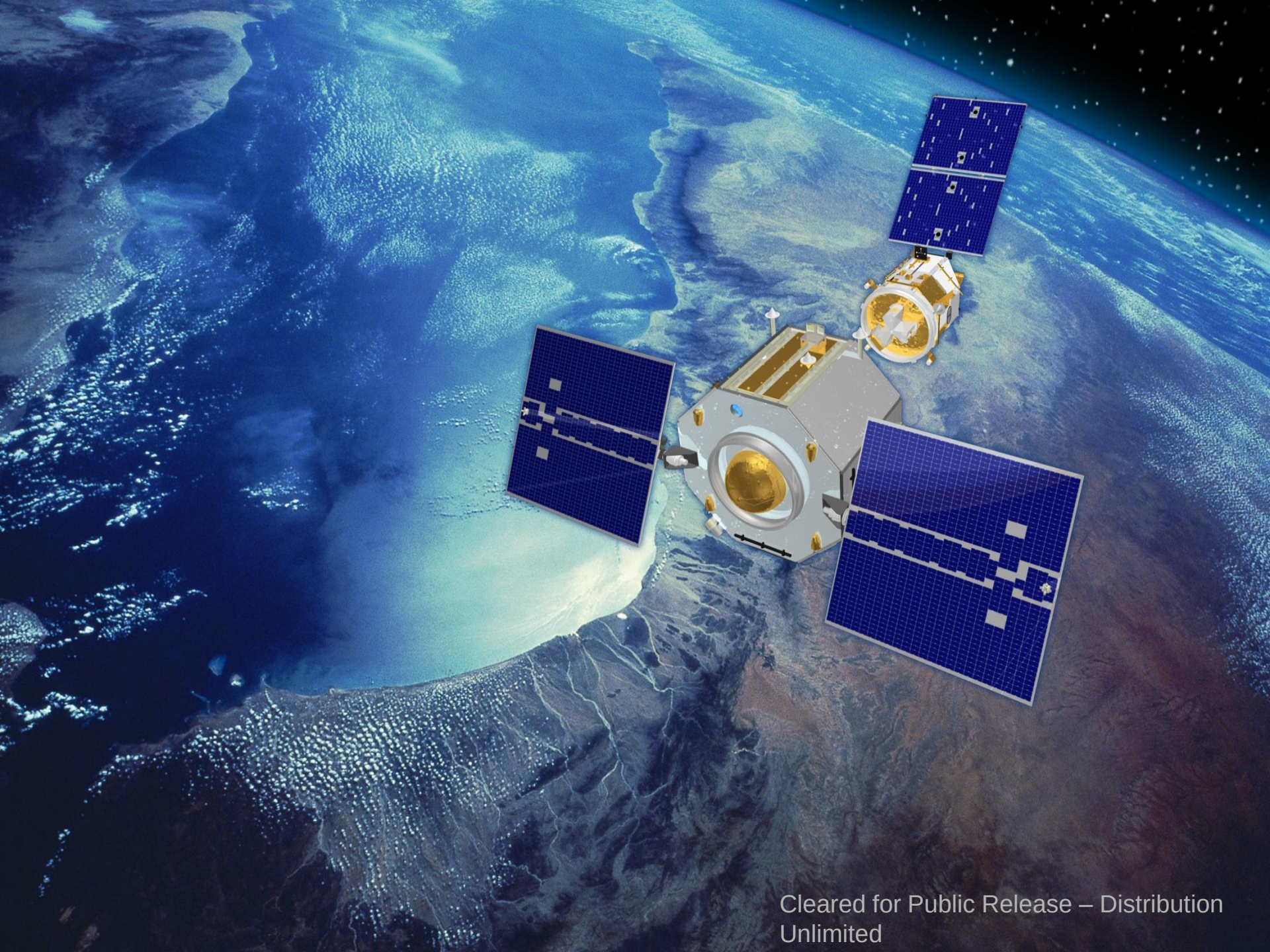

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