

*Implementing the Vision*  
**2<sup>nd</sup> Space Exploration Conference**

---



**Exploration Systems  
Mission Directorate**

***Scott "Doc" Horowitz***

***Associate Administrator***

***NASA Exploration Systems Mission Directorate***

**December 5, 2006**

**Implementing the Vision**

# Strategic Goals for ESMD



**Strategic Goal 3:** Develop a balanced overall program of science, exploration, and aeronautics consistent with the redirection of the human spaceflight program to focus on exploration.

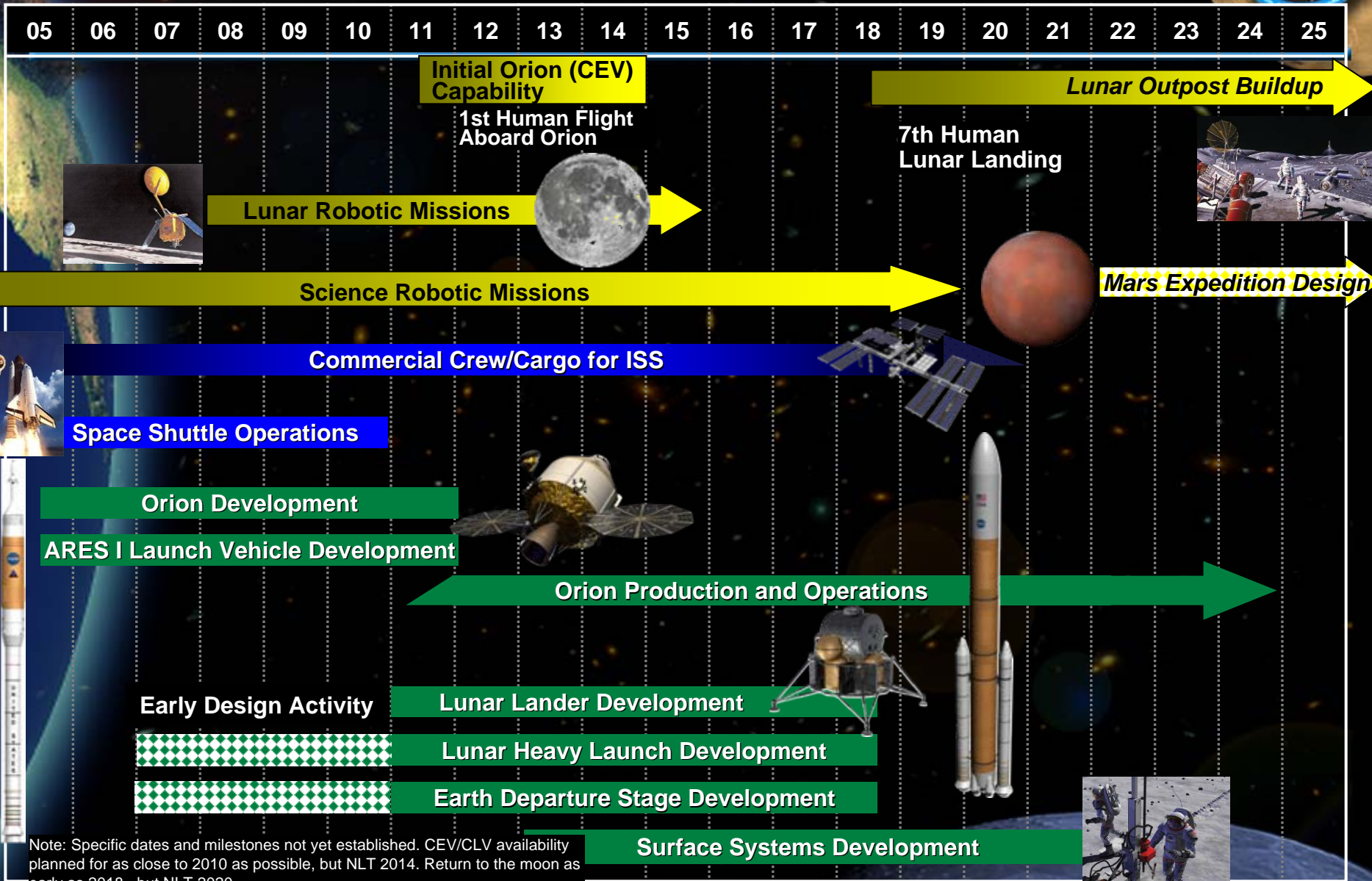
**Sub-Goal 3F:** Understand the effects of the space environment on human performance, and test new technologies and countermeasures for long-duration human space exploration.

**Strategic Goal 4:** Bring a new Crew Exploration Vehicle into service as soon as possible after Shuttle retirement.

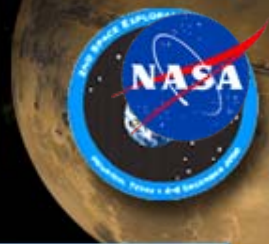
**Strategic Goal 5:** Encourage the pursuit of appropriate partnerships with the emerging commercial space sector.

**Strategic Goal 6:** Establish a lunar return program having the maximum possible utility for later missions to Mars and other destinations.

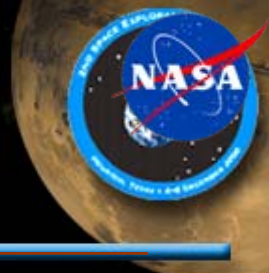
# Exploration Roadmap



Note: Specific dates and milestones not yet established. CEV/CLV availability planned for as close to 2010 as possible, but NLT 2014. Return to the moon as early as 2018, but NLT 2020.



# First Test Flight ... 28 Months And Counting!



**GOAL!**



5 Months

10 Months

15 Months

20 Months

25 Months

30 Months

35 Months

MONTHS

28

MONTHS

29