

AEROSP/SPACE 583
Space Systems Management
Homework #1
Due: January 20 at 11:59 pm
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- 1) List of the stakeholders that you need to consider when writing a proposal for a Discovery Class Mars Mission in response to a NASA Announcement of Opportunity (AO). **(30 points)**
- NASA – This includes the NASA Science Mission Directorate, the Mars Exploration Program, the Mars Program Office, and JPL. These groups within NASA are ultimately responsible for choosing the mission, awarding funding, and setting the schedule.
 - The Launch Provider – This is the company or companies that will launch the mission.
 - Suppliers of the Instruments – for InSight, this was the suppliers for the SEIS, RISE, and internal temperature experiments.
 - Testing Facilities – the facilities where the experiment will be tested, such as university research labs, private facilities, and government facilities. For InSight, this would have been IPGP in France, Institute of Planetary Research, German Aerospace Center in Germany, and JPL.
 - Congress – Congress is responsible for passing NASA's annual budget. This budget influences the money awarded to Discovery Missions.
 - The Public – Ultimately, the public has the ability to influence the goals of a Discovery Mission through the taxes they pay to the government, the letters they write to Congress, and interest they show in various NASA missions. Without interest from the public NASA would fail to justify its funding to Congress.

Honor Code: I have neither given nor received unauthorized aid on this homework, nor have I concealed any violations of the Honor Code.