



JPL



*Exploration Systems Autonomy Section (367)*  
*- Overview & Context -*

# *Exploration Systems Autonomy Section (367)*

*- Visit to ESRI -*

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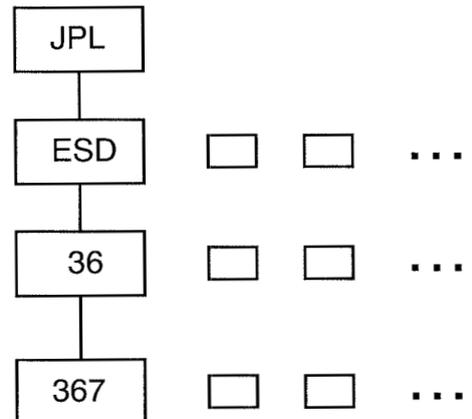
# JPL Context

**JPL**



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- Earth and space science exploration missions and research
  - ~5000 people
- Engineering and Science Directorate (ESD)
  - Home of most of the technical R&D work, matrixed into missions & programs
- Information Technology & Software Systems Division (Div 36)
- Exploration Systems Autonomy Section



## Section 367 - Purpose and Approach

**JPL**



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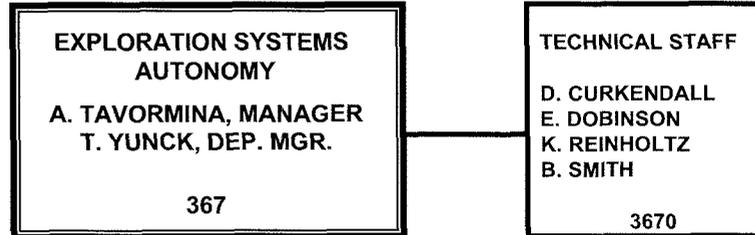
### ● Purpose

- Section 367 is a basic research and advanced technology development organization which provides computing and autonomy technologies for the purpose of enabling the coming generations of highly autonomous and scientifically productive robotic space missions.
  - » The span of our research and development activities enables advances in Earth system science as well as deep space exploration.

### ● Approach

- We provide software tools and systems, new algorithms, advanced computational approaches and research results that create novel capabilities and increase the scientific return of JPL and NASA's robotic missions.
- Our funding is obtained primarily via response to nationally competed research announcements from NASA and other government agencies.
- We collaborate with other internal and external organizations to identify concepts and develop technologies needed to satisfy science community needs for missions and data analysis.

# Section Functional Organization



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