

NAVISAT Project

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HIGH LEVEL OBJECTIVES OF NAVISAT

- To allow major improvements in CNS services, and thus to contribute to improvements in the safety and efficiency of air transport
- To be more cost-effective than existing systems from the system operator and the users viewpoints
- To reuse existing infrastructure as much as possible
- To cover a large region (AFI/MID), while being interoperable with systems from other regions as much as possible,

NAVISAT steering committee



NAVISAT Potential Missions

- *GPS-like signals*
- *Integrity data*
- *Correction data*
- *Enhancement of GPS availability*

Ground-ground voice and data links for air traffic services and operational services

Ground-air voice and data communications for air traffic control and operational services

Mobile Communications for civil aviation's and airlines

Fixed Communications for civil aviation's

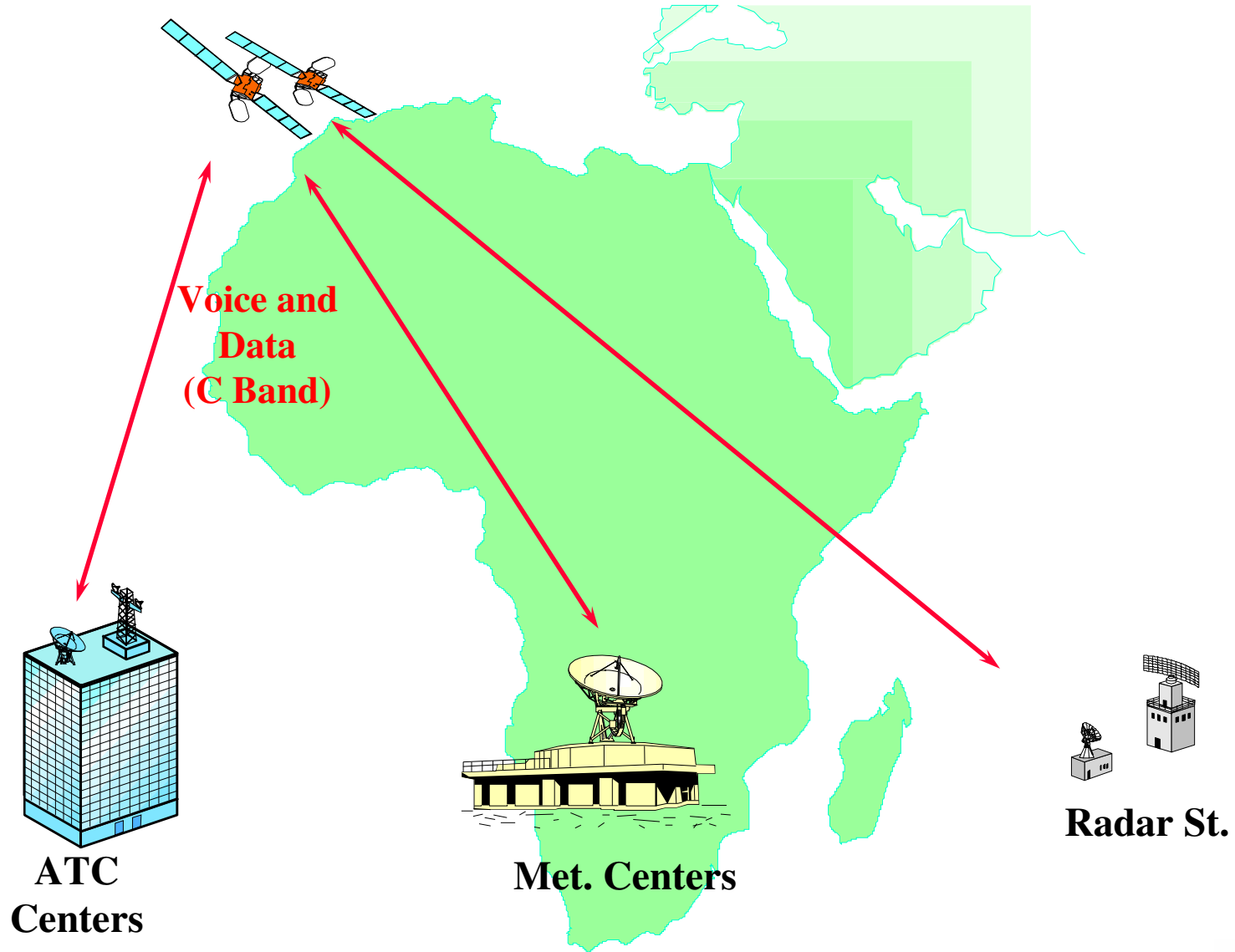
Navigation Payload

NAVISAT

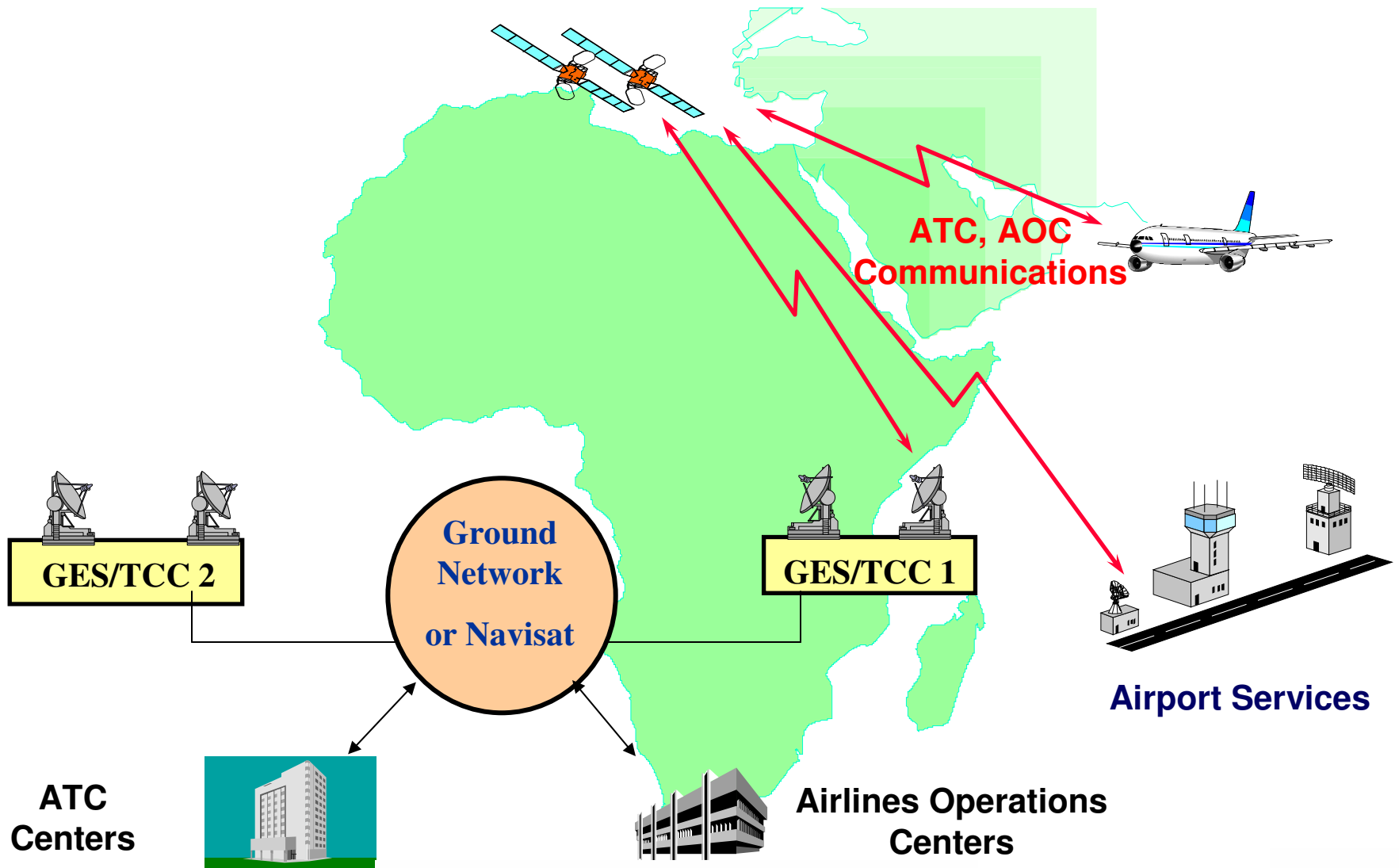
AERONAUTICAL MISSION

COMPLEMENTARY MISSION

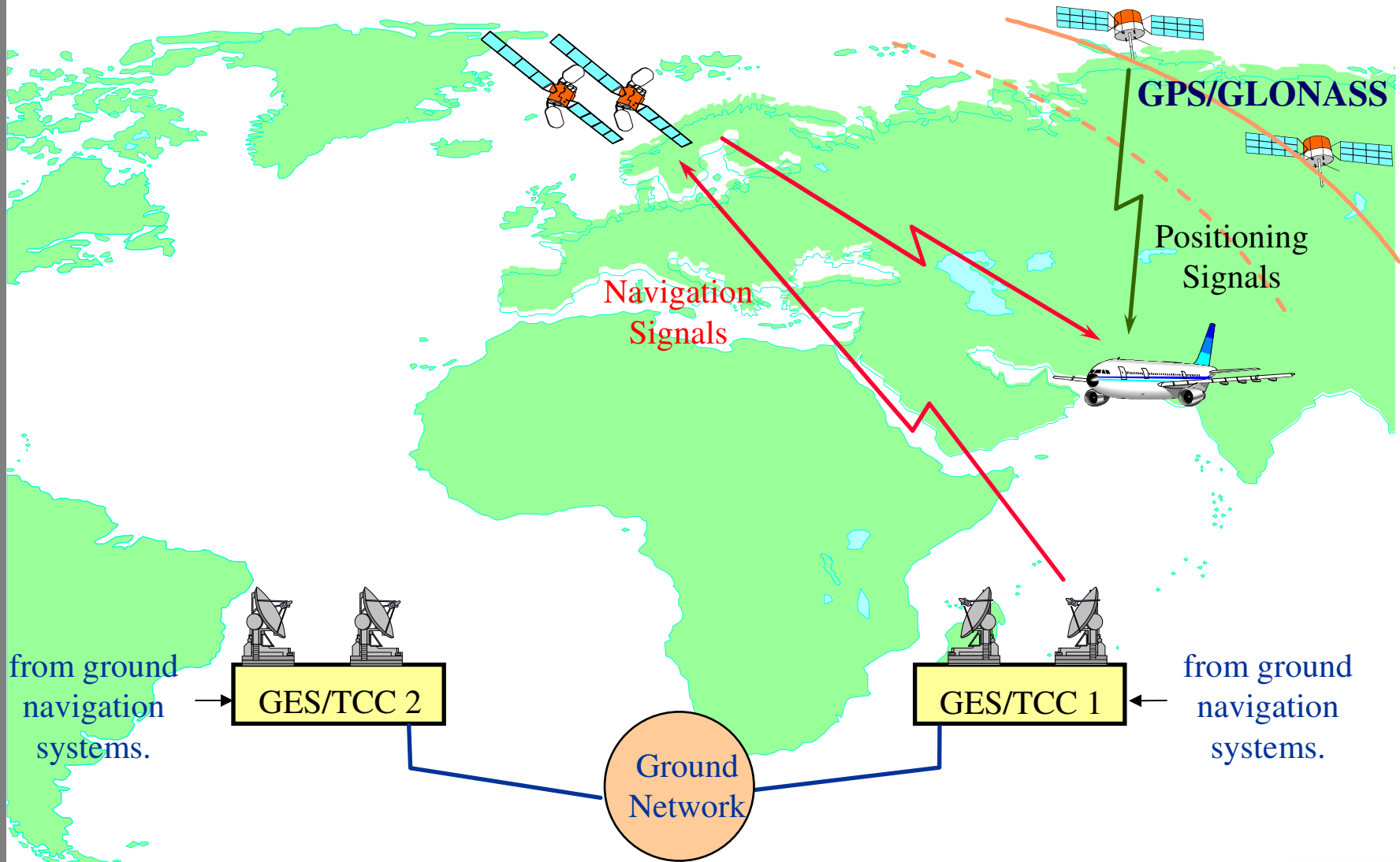
Aeronautical Fixed Communications



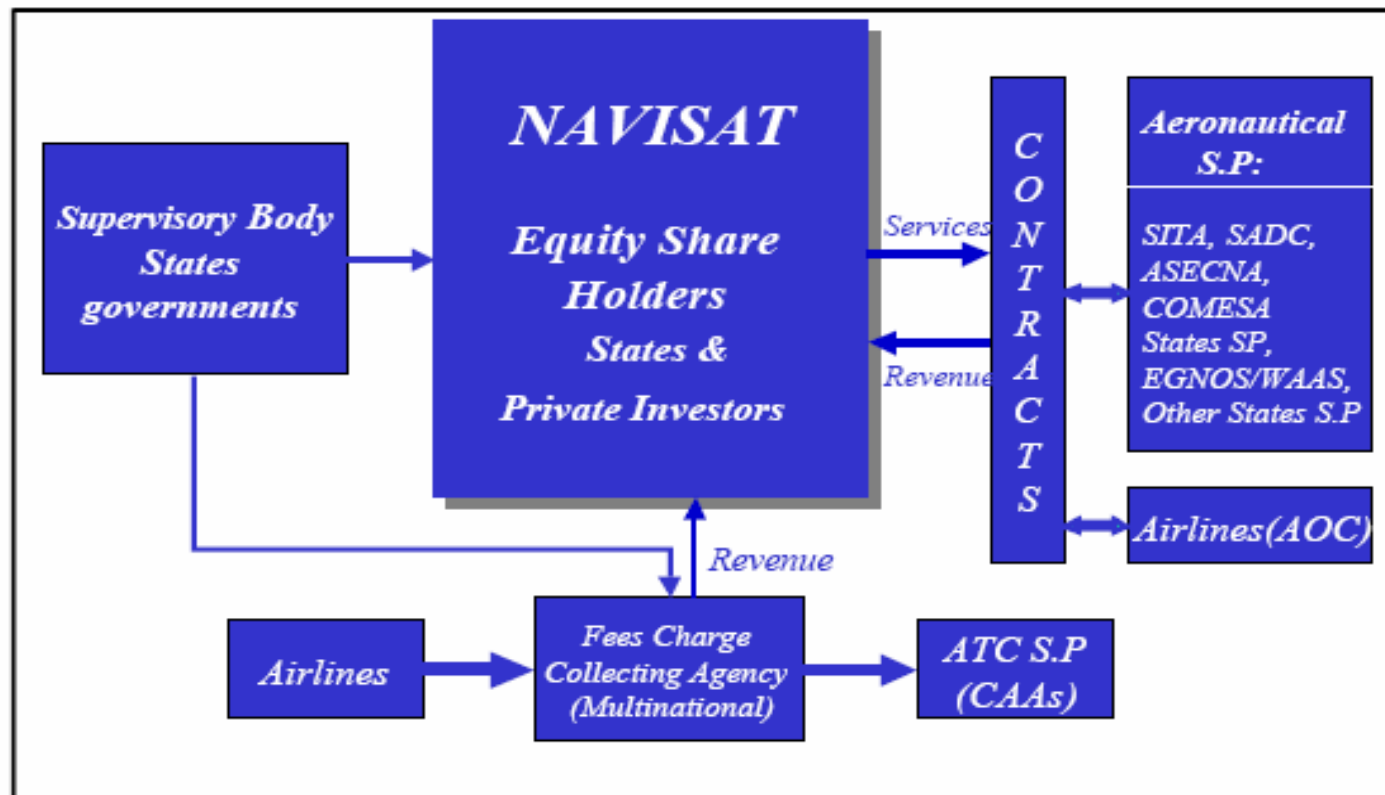
Aeronautical Mobile Communications



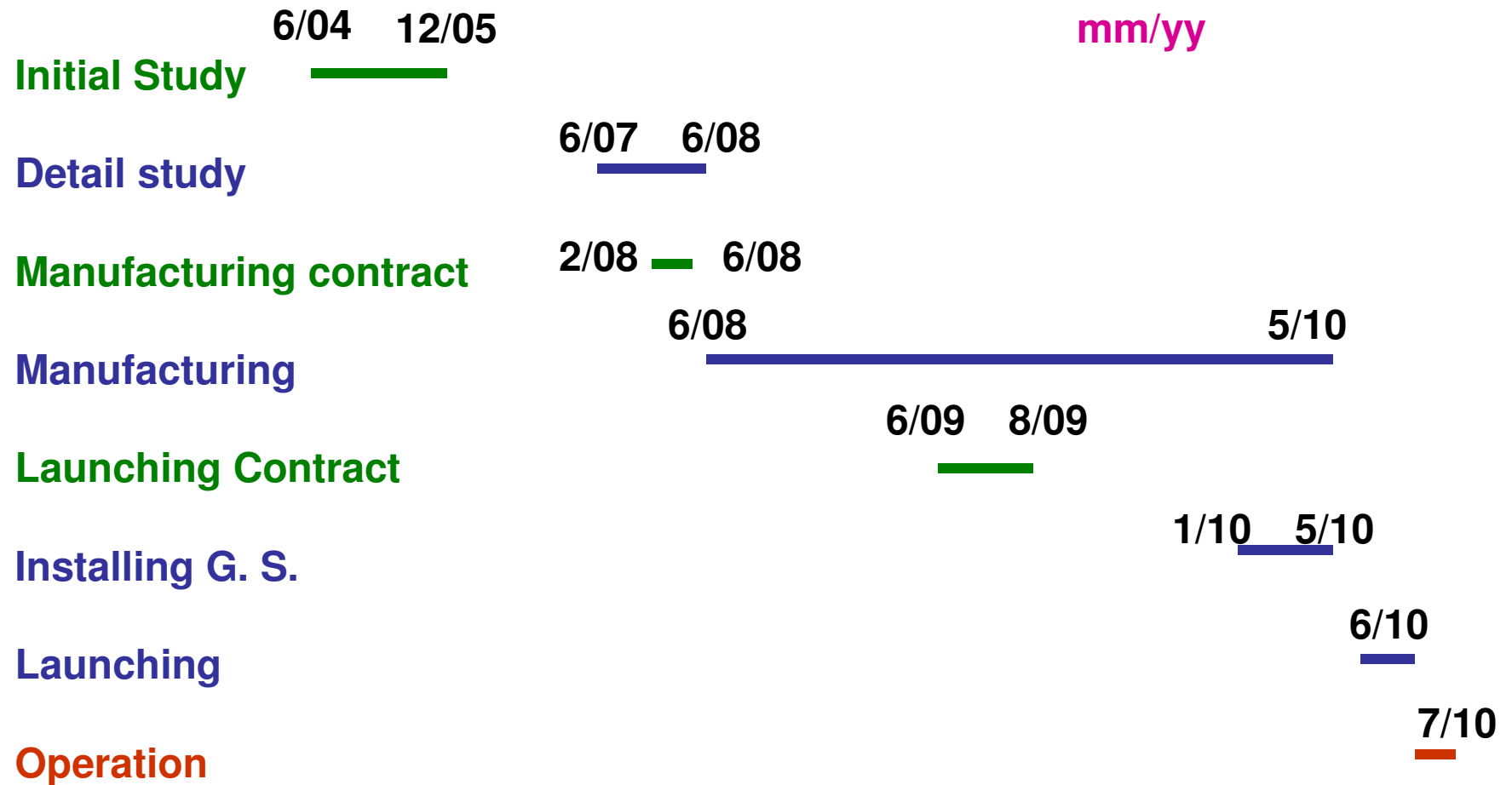
Navigation System



Institutional Concept



NAVISAT implementation plan



Q&A

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