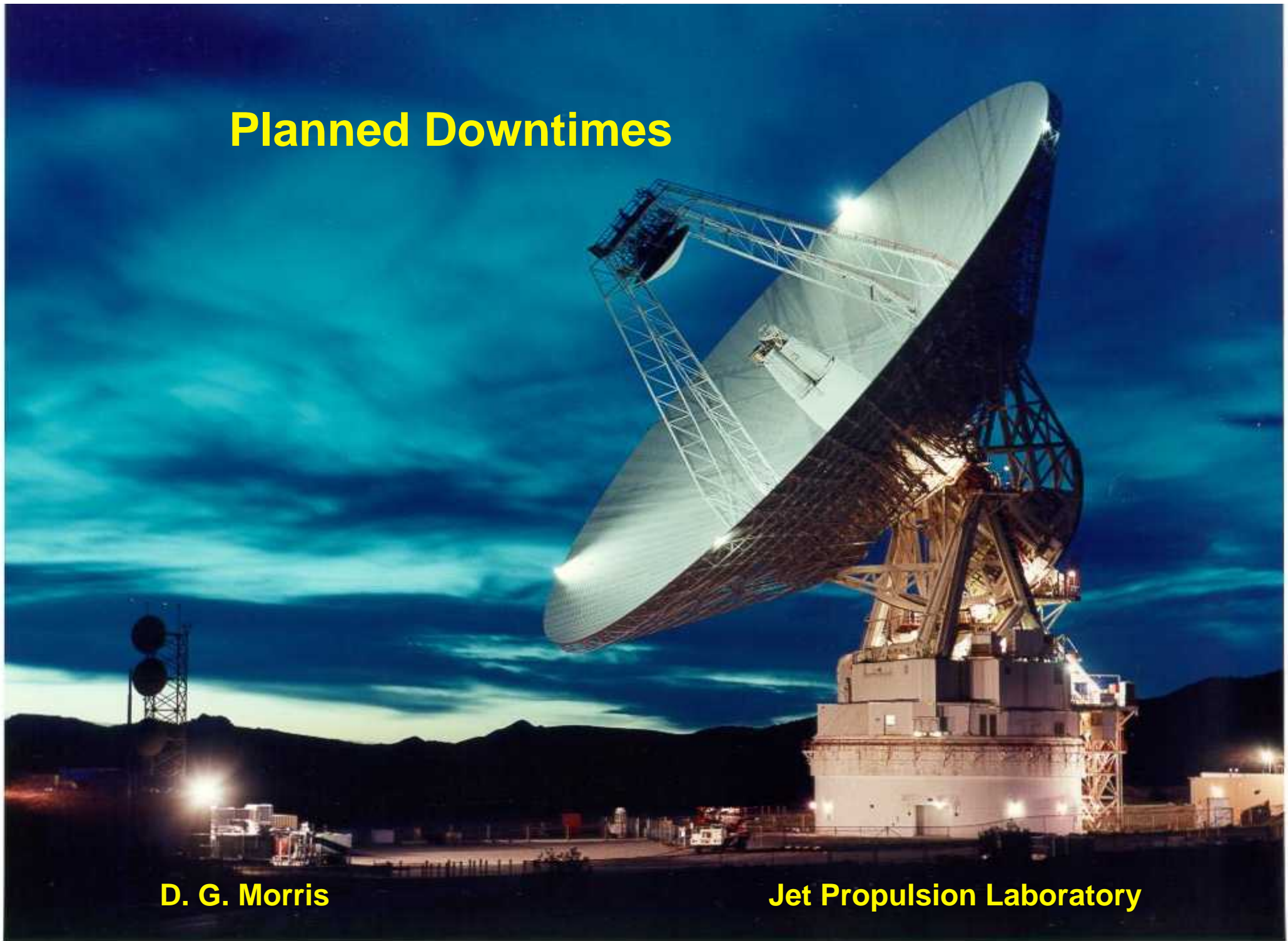


Planned Downtimes

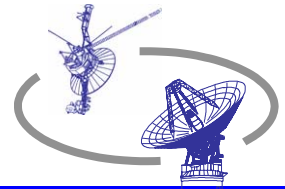


D. G. Morris

Jet Propulsion Laboratory

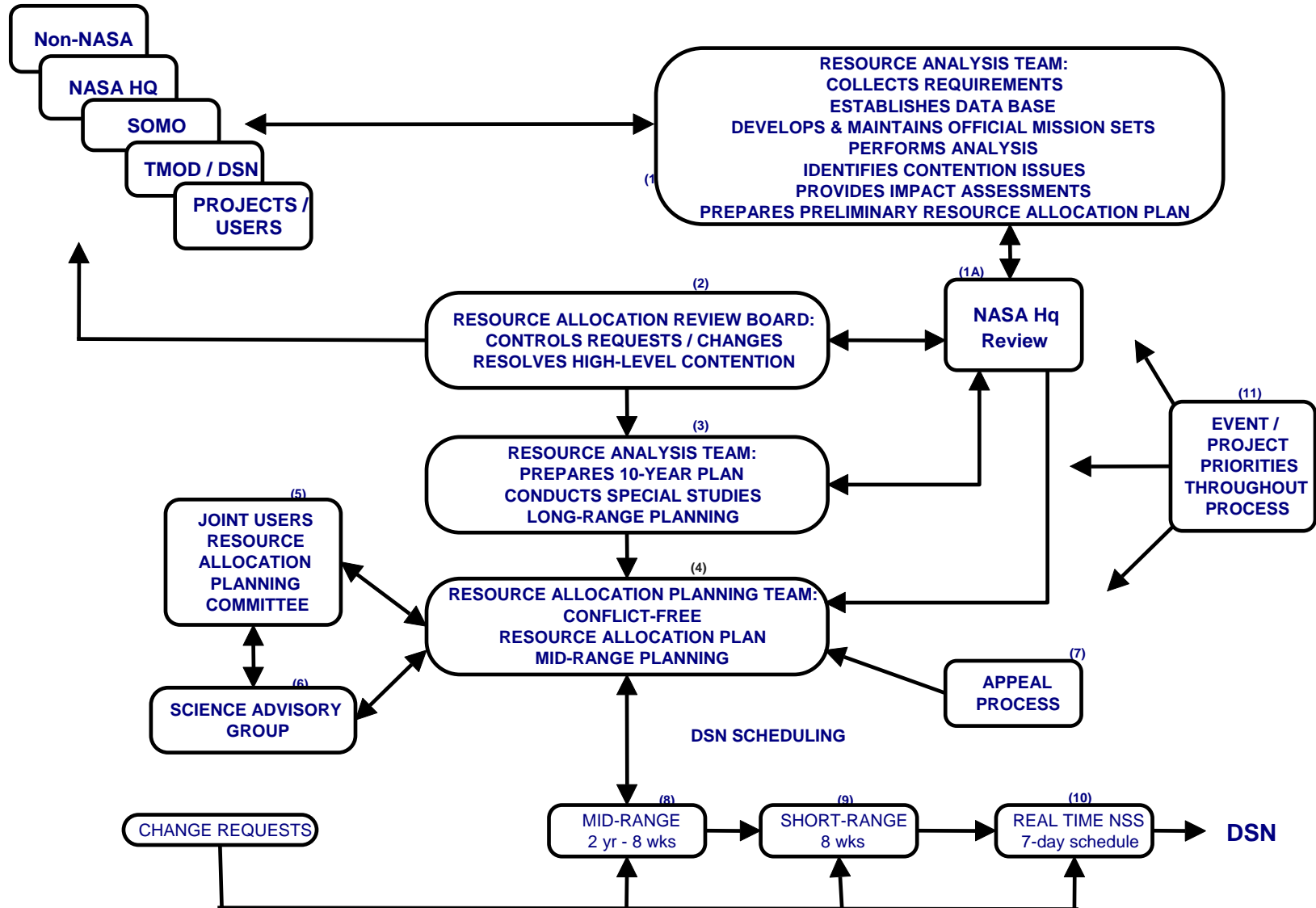


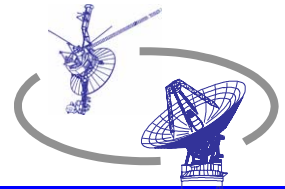
Interplanetary Network Directorate (IND) Deep Space Mission Systems (DSMS)



Resource Allocation Planning & Scheduling Office (RAPSO)

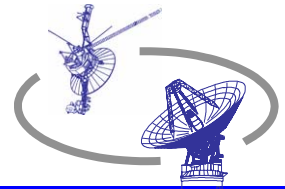
RAPSO PROCESS





DSN DOWNTIME

- Downtime Definition
 - Types:
 - Engineering Implementations and Ensuing Tests
 - NSP, 20 kW X-band Transmitters
 - Repairs
 - Recent Azimuth Axle Repair (34 BWG)
 - Duration:
 - Time Periods of = or > 24 Hours.
 - Shorter Periods (<24 Hours) Are Planned Within the Resource Allocation Planning Team or DSN Scheduling.



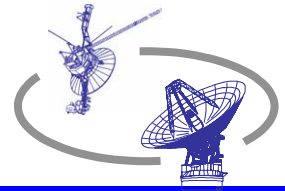
DSN DOWNTIME PROCESS

- Ideal Process: (Non-Emergency Repair)
 - Engineering (SSM) Submit Task, Work Window and Duration to Ken Kimball (Office 940)
 - Coordinate Non-conflicting Tasks into Single Downtime?
 - Resource Analysis Team Suggests Placement
 - Consider Impact on Network Loading and to Projects
 - DSN Operations Concerns
 - Detailed Analysis of Impact and Recommended Changes to Projects' Requirements Provided at RARB or JURAP
 - Resource Allocation Planning Team Coordinates Schedule
 - DSN Scheduling Coordinates Schedule Changes Within Near-term Period (<8 weeks)

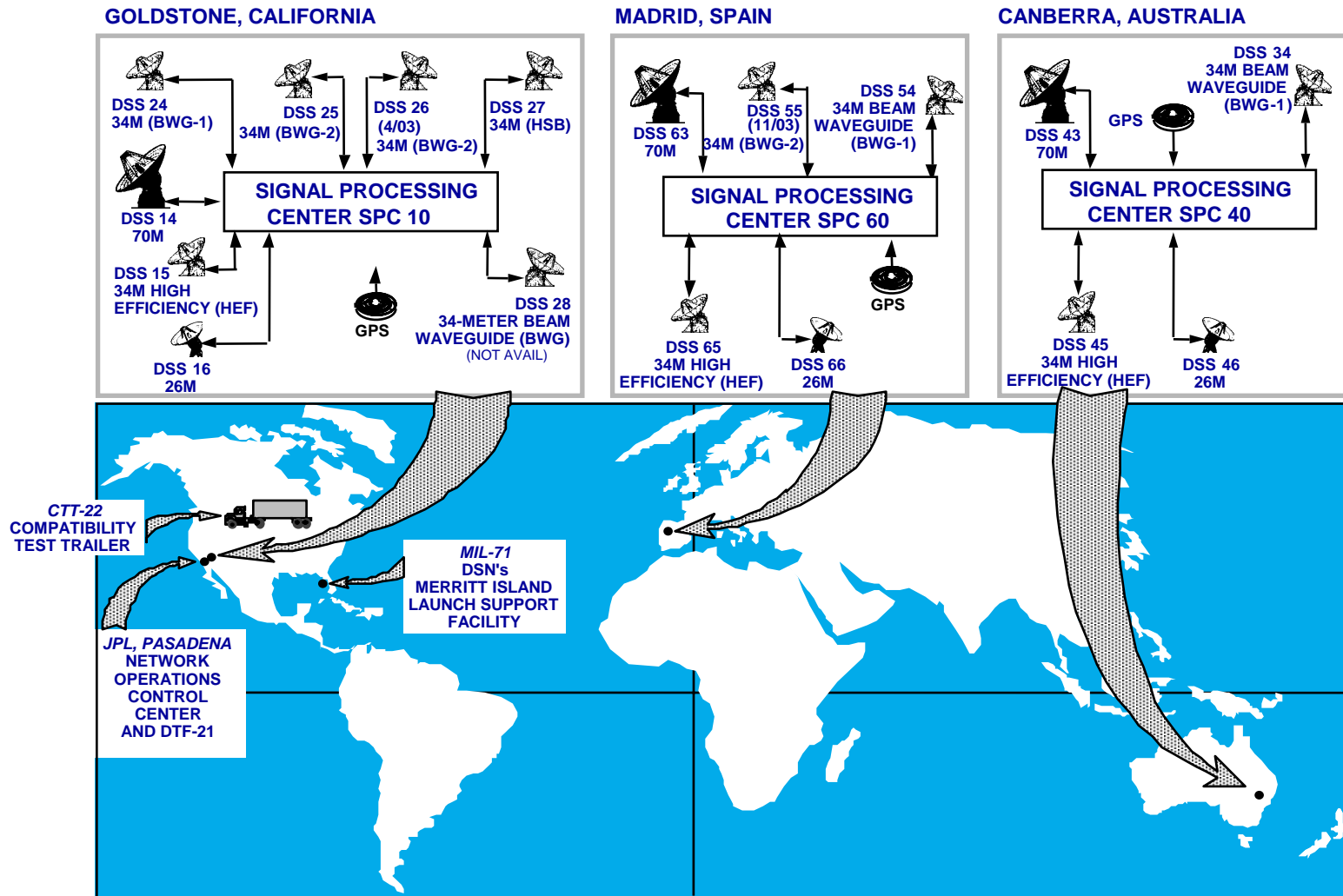


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DSN CONFIGURATION

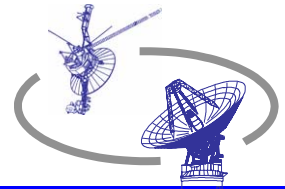




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Major DSN Downtimes by Site

Go to this web page to view the items listed above:

[DowntimeProcess.pdf](#)