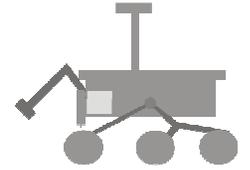




Charter: The Joint Science Working Group (JSWG), 2018 Joint Rover Mission



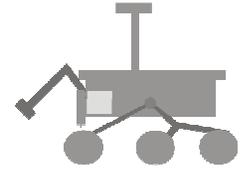
The next step in the joint MSR campaign would be the launch of a single joint rover to Mars in 2018

Assumptions:

1. The joint rover is tightly cost-constrained
2. The joint rover science objectives would be derived from:
 - a) Existing planning related to the ESA ExoMars rover
 - b) MEPAG E2E-iSAG & ND-SAG, NRC (2011) reports
 - c) Preliminary work by interim JSWG (formed ~5/2011)
3. The Pasteur payload would be incorporated in approx. the form it presently exists in the ExoMars rover



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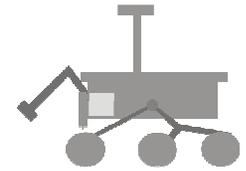
To support the definition of the 2018 rover mission concept, the JSWG is hereby formed. The JSWG will serve the role of a traditional Science Definition Team.

Deliverables:

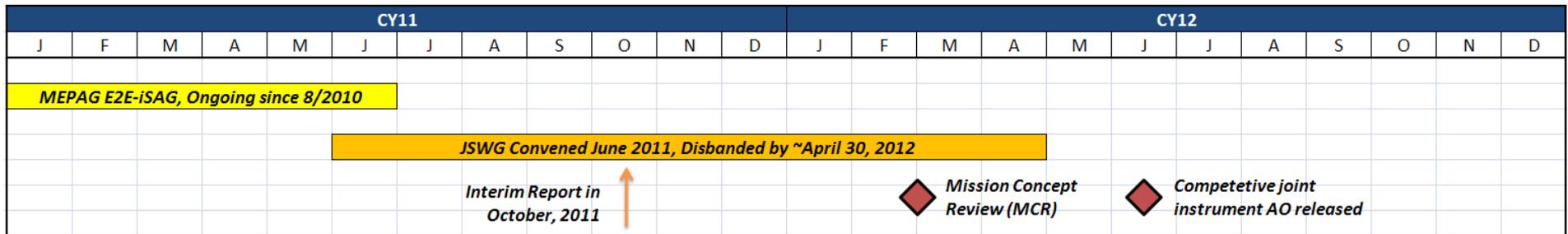
1. A statement of objectives for the joint rover mission
2. A listing of proposed engineering requirements to define the mission concept so that major science objectives are enabled
3. A Reference Surface Mission operations scenario
4. A report that can serve as input to a competitive joint instrument Announcement of Opportunity and associated Payload Information Package



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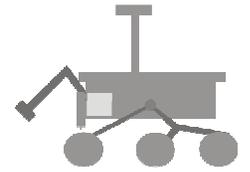
Simplified high-level schedule:



Notes:

1. The JSWG will primarily conduct its business by telecon, e-mail and web-based conferencing
2. The JSWG will disband at least 30 days before release of the competitive joint instrument AO (~June 2012)
3. Payload instrument selection occurs ~February 2013

The Team



Co-Leads:

- Gerhard Kminek
- David Beaty

Team members

- TBD
- TBD