



# PDS4 Change Control Board

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*JPL/Caltech*



Management Council Face-to-Face

18-19 November 2013 Pasadena, CA



# CCB Participants



- Lynn Neakrase (ATM/CCB Chair)
- Emily Law (CCB Coordinator)
- Trent Hare (Imaging)
- Steve Joy (PPI)
- Carol Neese (SBN)
- Mark Showalter (Rings)
- Tom Stein (GEO)
- Dave Heather (IPDA/ESA)



# SCR Submission



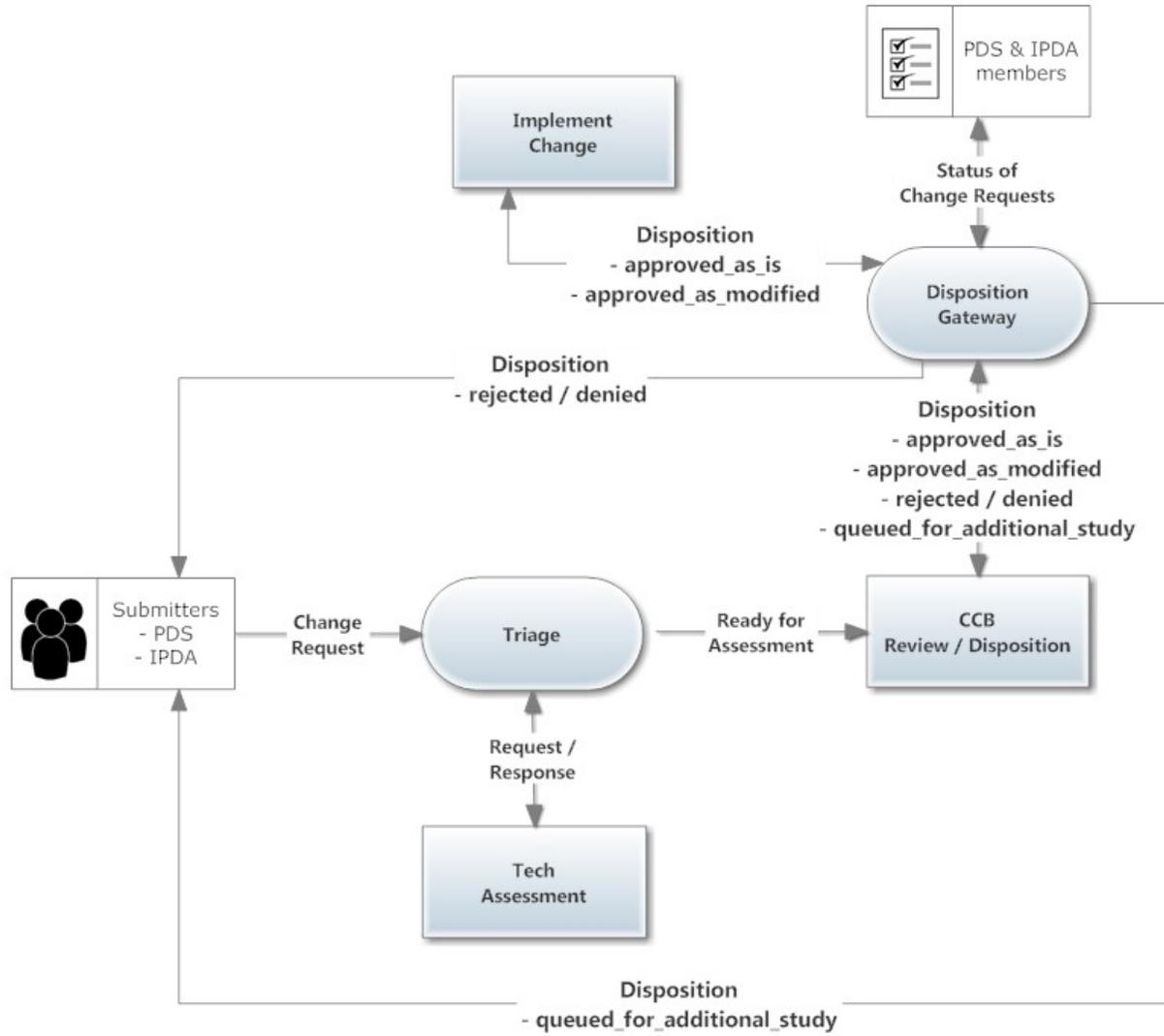
- JIRA is fairly stable now.
- SCRs should be submitted through JIRA
- If you would like to submit an SCR, and don't have access to JIRA, please contact Emily to create an account for you.



# JIRA and the CCB

- JIRA is the engineering tool used to track and implement changes within the PDS4 system
- JIRA can be (and is) used to track all manner of changes, bug fixes, and all discussion regarding potential solutions
- Triage edits SCRs within JIRA and flags them when they are 'ready' for CCB vote – Emily and I then add them to the next CCB telecon/e-vote opportunity
- IF the CCB deems it necessary, SCRs can be sent back to Triage for minor edits or additional technical assessment

# CCB Notional Process



# Metrics (1/2)

- CCB has reviewed ~27 SCRs
  - 20 SCRs approved
  - 1 SCRs is open (CCB-33, awaiting spectral dictionary)
  - 5 are no-vote-necessary (schematron, bug-fixes)
  - 1 closed (duplicate issue)

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- Approved SCRs consist of:
  - Enumerated value add/subtract (e.g., removal of 'Magnetometry' from a list)
  - Value definitions (e.g., addition of non-circular definitions of 'lander' etc.)
  - Versioning formats (allowing 4 digit versioning over 2 digit)
  - Added classes & values (MAVEN – Array\_1D; CDF 3.4 ISTP/IACG – parsing standard)
  - Primary\_Results\_Summary Redesign
  - Units format standardization
  - Clean-up of unused classes or modification of classes to make more useable



# Metrics (2/2)



- Rejected/Denied SCRs consist of:
  - Schematron rules governing PDS regulations - *no vote necessary if regulation doesn't change*
  - Bug fixes within the system – *no vote necessary*
  - Insufficient info for CCB decisions (e.g., CCB-9)
  - Pulled by Triage for DDWG discussion (e.g., CCB-10,11) - *not voted*
  - Conversion from RFA to SCR was handled in the Version 1.0.0.0 release and removed - *not voted*

# Other Issues

- Communication between CCB, Triage, and DDWG
  - Continuing to work this out – Clarification continues to be the focus for most SCRs
  - DDWG has a CCB report from Triage each meeting
- Backward compatibility and deprecation
  - Dan presented slides to CCB on ISO/ISC 11179 deprecation procedures
  - Deprecated items within the system will set off warnings to users trying to use something flagged for deprecation
  - Future major releases have the option to remove deprecated items depending on usage and/or continue to warn against usage
  - Optional vs. Required – backward vs. non-backwards compatible changes



# Upcoming Schedule



- Upcoming meeting/e-vote schedule:
  - 11/26 – Possible e-vote opportunity
  - 12/10 – Meeting or e-vote depending on SCRs in-hand
  - 12/17 – (possibility for e-vote in the off-week)
  - 1/7 – Post-holiday opportunity
- Specific weekly schedules are adjusted according to SCR availability from Triage
- Schedules are sent out on the Thursday prior to the scheduled meeting



# CCB Useful Information



- CCB Website (CCB Agendas, Notes, Minutes, SCR Schedule)
  - <http://pds-engineering.jpl.nasa.gov/index.cfm?pid=145&cid=190>
- If you are interested in commenting/defending SCRs and would like to be designated an 'Interested Party', contact Lynn to be added to the weekly update email