PDS B14.0 DDR
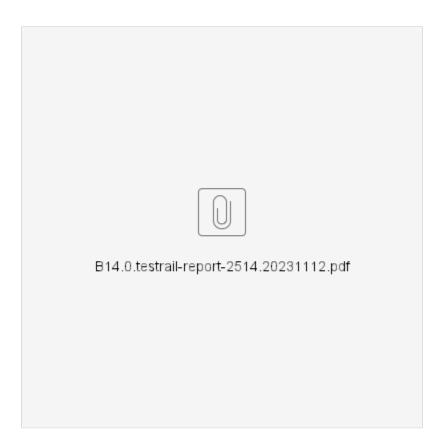
1. Agenda

2. Review Board

Review Board Chair	Scott Markham/Kyran Owen-Mankovich (Delegate)
Chief Engineer	Costin Radulescu/Kyran Owen-Mankovich (Delegate)
Assurance Engineer	Eva Bokor
Security Systems Engineer	Mike Pajevski
Task Manager	Jordan Padams
Test Engineer	Gary Chen/Miguel Pena
Other Stakeholders	Tim Mcclanahan - PDS Project Office Kevin Grimes - Cartography and Imaging Sciences Node Dan Scholes - Geoscience Node at Wash U Mike Drum – SBN at Planetary Science Institute

3. Software Overview

- https://nasa-pds.github.io/releases/14.0/
- https://nasa-pds.github.io/releases/14.0/rdd.html
- Test procedures and results for release 14.0 in test rail:https://cae-testrail.jpl.nasa.gov/testrail/index.php?/runs/view/35011&group_by=cases:section_id&group_order=asc

4. Commitments/Improvements/Defect Corrections

B14.0.testrail-report-2514.20231112.pdf

5. Sustaining Activities

None.

6. Other

None.

7. Documentation

Architecture Description	https://pds-engineering.jpl.nasa.gov/sites/default/files/documents/pds2010/architecture/system_architecture/pds4_system_arch_spec.pdf	Complete
Design Specification	See various design docs in: https://pds-engineering.jpl.nasa.gov/content/key-documents	Complete
Management Plan	https://pds-eng ineering.jpl.nasa.gov/sites/default/files/documents/pds2010/keydocuments/PDS-SMP.pdf	Complete
Operation Concept	https://pds-engineering.jpl.nasa.gov/sites/default/files/documents/pds2010/keydocuments/pds4-ops-concept.pdf	Complete
Release Description	https://nasa-pds.github.io/releases/14.0/rdd.html	Complete

Release Plan	https://nasa-pds.github.io/releases/14.0/plan.html	Complete
Requirements	https://pds-engineering.jpl.nasa.gov/sites/default/files/documents/pds2010/design/system_design/pds4_system_reqs.pdf	Complete
Task Implementation Plan	https://pds-engineering.jpl.nasa.gov/sites/default/files/documents/pds2010/pds4-proj-plan-07172013.pdf	Complete
Test Plan	https://pds-engineering.jpl.nasa.gov/content/build_14.0_it_deliverables	Complete
Test Report	https://pds-engineering.jpl.nasa.gov/content/build_14.0_it_deliverables	Complete
User Guide	See individual tool documentation. Links in RDD	Complete

8. Additional Testing

None.

9. Test Case Explanations

None

10. Software Status

Open action to review this with TBD person from MGSS for specific requirements and tools to do so.

All the PDS Engineering Node software are managed (code, documentations, tickets) under github, in a single organization:

CM Tool	CM Repository
github	https://github.com/nasa-pds

The list of the components/version released for build 14.0 can be found in the software release catalog.

11. Open Defect Summary

Rating	Definition	Previous Release	Current Release
Critical	Defect makes the SW unusable for mission operations. Major functions do not work or fail over the course of normal operations.	0	0
Major	Defect has significant impact on usability of delivered software for mission operations. User experience is difficult and/or cumbersome. Workaround available is arduous.	1	2

| Moderate | Defect has moderate to mild impact on usability of delivered software for mission operations. User experience is degraded but workable. | 4 | 4 |
| Minor | Defect means software does not work as originally intended, but the defect has little impact on the usability of the delivered software. | 2 | 0 |

Major open bugs are:

NASA-PDS/registry-api#351 `like` queries not supported with logical operators
NASA-PDS/registry-api#352 Pagination performance does not meet requirements

12. Action Item Status

1. MGSSAITS-1204 Setup Meeting to determine official PDMS document repository   - Closure pending.
2. MGSSAITS-1205 Meet wi Mike Pajevski to discuss Semmle scans on java script   - Closure pending.
3. MGSSAITS-1206 PDS should follow MGSS standard for reporting defects at a DDR - Closure pending.

13. Deviations

See validated deviation from the plan.