

PDS Engineering Node Master Schedule

| | WBS | Activity Name | Staff | Start Date | Finish Date | % Complete | 2008 | | | | 2009 | | | |
|----|-----------|--|-----------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | 4th Quarter | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | 1st Quarter | 2nd Quarter | 3rd Quarter |
| 1 | 1 | System Engineering | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 2 | 1.1 | Management | SH | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 3 | 1.2 | Standards | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 4 | 1.2.1 | PDS standards development and maintenance | ER/RJ | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 5 | 1.2.1.1 | Manage SCR Queue | ER | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 6 | 1.2.1.2 | PDS4 Data Architecture - Phase 1 | JSH/ER/RJ | 9/29/08 | 11/28/08 | 100.0% | | | | | | | | |
| 7 | 1.2.1.2.1 | Fundamental Issues | MG | 9/29/08 | 11/28/08 | 100.0% | | | | | | | | |
| 8 | 1.2.1.2.2 | Drivers | JSH | 9/29/08 | 11/28/08 | 100.0% | | | | | | | | |
| 9 | 1.2.1.2.3 | Info Model - PDS3 Fixed | JSH | 9/29/08 | 11/28/08 | 100.0% | | | | | | | | |
| 10 | 1.2.1.2.4 | Info Model - From First Principles | AR | 9/29/08 | 11/28/08 | 100.0% | | | | | | | | |
| 11 | 1.2.1.3 | PDS4 Data Design | | 12/1/08 | 9/25/09 | 100.0% | | | | | | | | |
| 12 | 1.2.1.3.1 | Plan | | 12/1/08 | 12/19/08 | 100.0% | | | | | | | | |
| 13 | 1.2.1.3.2 | Design Information Model | | 12/1/08 | 9/25/09 | 100.0% | | | | | | | | |
| 14 | 1.3 | Data Integrity | RJ, JSH | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 15 | 1.4 | System Capabilities | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 16 | 1.4.1 | Support NSSDC/PDS Interface | JSH | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 17 | 1.4.2 | Catalog Ingestion - Dvlp Support | RJ | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 18 | 1.4.3 | Document and Review Data Engineering Process | RJ | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 19 | 1.4.4 | PDS Catalog Text Search - Update | JSH | 9/29/08 | 1/23/09 | 100.0% | | | | | | | | |
| 20 | 1.5 | Interoperability | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 21 | 1.5.1 | IPDA Architecture | DC | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 22 | 1.5.2 | IPDA Archive Data Standards-2 | JSH | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 23 | 1.6 | Technology Investigations | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 24 | 1.6.1 | Physical Media Working Group | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 25 | 1.6.1.1 | SDSC Data Central TestBed | SH/RJ/DC | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 26 | 2 | Development | | 10/1/07 | 2/18/11 | 84.5% | | | | | | | | |
| 27 | 2.1 | Management | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 28 | 2.1.1 | Maintain Schedule/Status Report (On-going Monthly) | SH | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |
| 29 | 2.1.2 | Work Agreement/Budget | SH | 9/29/08 | 10/10/08 | 100.0% | | | | | | | | |
| 30 | 2.2 | Tools | | 8/11/08 | 9/25/09 | 90.0% | | | | | | | | |
| 31 | 2.2.1 | Tools Maintenance | | 9/29/08 | 9/25/09 | 100.0% | | | | | | | | |

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| | | | | | | | 4th Quarter | 1st Quarter | 2nd Quarter | 3rd Quarter |
| 32 | 2.2.1.1 | Ongoing Maintenance (As Needed) | MC | 9/29/08 | 9/25/09 | 100.0% | | | | |
| 33 | 2.2.1.2 | NASAView Release 3.2.0 | MC, SH | 10/1/08 | 10/1/08 | 100.0% | | | | |
| 34 | 2.2.1.3 | NASAView Release 3.3.0 | MC, SH | 3/6/09 | 3/6/09 | 100.0% | | | | |
| 35 | 2.2.1.4 | NASAView Release 3.4.0 | MC, SH | 9/22/09 | 9/22/09 | 100.0% | | | | |
| 36 | 2.2.2 | Validation Tool | | 8/11/08 | 8/28/09 | 79.1% | | | | |
| 37 | 2.2.2.1 | Phase II | | 8/11/08 | 2/6/09 | 100.0% | | | | |
| 38 | 2.2.2.1.1 | Requirements | SH, RJ | 8/11/08 | 9/26/08 | 100.0% | | | | |
| 39 | 2.2.2.1.2 | Design and Implement | PR, MC | 8/25/08 | 12/19/08 | 100.0% | | | | |
| 40 | 2.2.2.1.3 | Beta Test | Nodes | 1/9/09 | 1/23/09 | 100.0% | | | | |
| 41 | 2.2.2.1.4 | Release 2.0 | PR, MC, SH | 2/6/09 | 2/6/09 | 100.0% | | | | |
| 42 | 2.2.2.2 | Phase III | | 2/2/09 | 8/28/09 | 61.0% | | | | |
| 43 | 2.2.2.2.1 | Design and Implement | PR | 2/2/09 | 8/14/09 | 98.0% | | | | |
| 44 | 2.2.2.2.2 | Test | MC | 8/17/09 | 8/28/09 | 0.0% | | | | |
| 45 | 2.2.2.2.3 | Integrate (LTDTTool and CITool) | MC | 8/17/09 | 8/28/09 | 0.0% | | | | |
| 46 | 2.2.2.2.4 | Release 3.0 | PR, MC, SH | 8/7/09 | 8/7/09 | 0.0% | | | | |
| 47 | 2.3 | Infrastructure | | 3/31/08 | 2/18/11 | 65.6% | | | | |
| 48 | 2.3.1 | Catalog Ingestion | | 3/31/08 | 8/28/09 | 99.0% | | | | |
| 49 | 2.3.1.1 | Investigate | SH, JW | 3/31/08 | 6/27/08 | 100.0% | | | | |
| 50 | 2.3.1.2 | Design and Implement | MC, HL | 9/29/08 | 8/28/09 | 98.0% | | | | |
| 51 | 2.3.1.3 | Phase I - Standalone Operation | MC, HL | 4/6/09 | 4/6/09 | 100.0% | | | | |
| 52 | 2.3.1.4 | Phase II - Database Ingestion | MC, HL | 5/29/09 | 5/29/09 | 100.0% | | | | |
| 53 | 2.3.1.5 | Phase III - Referential Integrity | MC, HL | 8/28/09 | 8/28/09 | 100.0% | | | | |
| 54 | 2.3.2 | PDS-D Maintenance (As Needed) | | | | | | | | |
| 55 | 2.3.3 | PDS-2010 Distributed Infrastructure | | 11/21/08 | 2/18/11 | 37.0% | | | | |
| 56 | 2.4 | User/Web Interfaces | | 10/1/07 | 9/25/09 | 100.0% | | | | |
| 57 | 2.4.1 | Home Page Redesign | | 10/1/07 | 9/25/09 | 100.0% | | | | |
| 58 | 2.4.1.1 | Implement | PR | 10/1/07 | 10/31/08 | 100.0% | | | | |
| 59 | 2.4.1.2 | Deploy to Operations | PR, DT | 11/3/08 | 11/3/08 | 100.0% | | | | |
| 60 | 2.4.1.3 | Maintenance | JP | 11/3/08 | 9/25/09 | 100.0% | | | | |
| 61 | 2.4.2 | Web Tool Port (TBD) | | | | | | | | |
| 62 | 2.4.3 | Basic Browser Maintenance (As Needed) | | | | | | | | |
| 63 | 2.5 | PDS-2010 System Architecture | | 8/20/08 | 1/9/09 | 100.0% | | | | |
| 64 | 2.5.1 | Prepare for MC F2F | SH | 8/20/08 | 11/18/08 | 100.0% | | | | |
| | | | | | | | Fourth Quarter | First Quarter | Second Quarter | Third Quarter |

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| 65 | 2.5.2 | Present to MC | SH | 11/20/08 | 11/20/08 | 100.0% | | | | |
| 66 | 2.5.3 | Finalize Architecture | SH | 11/24/08 | 1/9/09 | 100.0% | | | | |
| 67 | 3 | Operations | | 6/4/07 | 9/29/09 | 100.0% | | | | |
| 68 | 3.1 | Managment / OPS SE | | 9/29/08 | 9/29/09 | 100.0% | | | | |
| 69 | 3.1.1 | Anual report | EL | 9/7/09 | 9/29/09 | 100.0% | | | | |
| 70 | 3.1.2 | Maintain Schedule/status report (on-going monthly) | EL | 9/29/08 | 9/25/09 | 100.0% | | | | |
| 71 | 3.1.3 | Telecon / Working Group support | EL | 9/29/08 | 9/25/09 | 100.0% | | | | |
| 72 | 3.2 | Database / Releases | | 9/8/08 | 8/17/09 | 100.0% | | | | |
| 73 | 3.2.1 | Catalog Builds | | 11/24/08 | 8/17/09 | 100.0% | | | | |
| 74 | 3.2.1.1 | 1R72 | JH | 11/24/08 | 12/1/08 | 100.0% | | | | |
| 75 | 3.2.1.2 | 1R73 | JH | 2/10/09 | 2/17/09 | 100.0% | | | | |
| 76 | 3.2.1.3 | 1R74 | JH | 5/11/09 | 5/18/09 | 100.0% | | | | |
| 77 | 3.2.1.4 | 1R75 | JH | 8/10/09 | 8/17/09 | 100.0% | | | | |
| 78 | 3.2.2 | Data Release | | 9/8/08 | 8/10/09 | 100.0% | | | | |
| 79 | 3.2.2.1 | MER1/MER2 | | 11/14/08 | 8/10/09 | 100.0% | | | | |
| 80 | 3.2.2.1.1 | Release 18 | BS,JH | 11/14/08 | 11/21/08 | 100.0% | | | | |
| 81 | 3.2.2.1.2 | Release 19 | BS,JH | 2/9/09 | 2/16/09 | 100.0% | | | | |
| 82 | 3.2.2.1.3 | Release 20 | BS,JH | 5/4/09 | 5/11/09 | 100.0% | | | | |
| 83 | 3.2.2.1.4 | Release 21 | BS,JH | 8/3/09 | 8/10/09 | 100.0% | | | | |
| 84 | 3.2.2.2 | MRO | | 9/8/08 | 6/15/09 | 100.0% | | | | |
| 85 | 3.2.2.2.1 | Release 7 | BS,JH | 12/8/08 | 12/15/08 | 100.0% | | | | |
| 86 | 3.2.2.2.2 | Release 8 | BS,JH | 3/9/09 | 3/16/09 | 100.0% | | | | |
| 87 | 3.2.2.2.3 | Release 9 | BS,JH | 6/8/09 | 6/15/09 | 100.0% | | | | |
| 88 | 3.2.2.2.4 | Release 10 | BS,JH | 9/8/08 | 9/15/08 | 100.0% | | | | |
| 89 | 3.2.2.3 | CAS | | 10/1/08 | 7/8/09 | 100.0% | | | | |
| 90 | 3.2.2.3.1 | Release 14 | RC,JH | 10/1/08 | 10/8/08 | 100.0% | | | | |
| 91 | 3.2.2.3.2 | Release 16 | RC,JH | 1/1/09 | 1/8/09 | 100.0% | | | | |
| 92 | 3.2.2.3.3 | Release 17 | RC,JH | 5/11/09 | 5/18/09 | 100.0% | | | | |
| 93 | 3.2.2.3.4 | Release 18 | RC,JH | 7/1/09 | 7/8/09 | 100.0% | | | | |
| 94 | 3.2.2.4 | MESSENGER | | 4/15/09 | 4/22/09 | 100.0% | | | | |
| 95 | 3.2.2.4.1 | Flyby 2 | RC,JH | 4/15/09 | 4/22/09 | 100.0% | | | | |
| 96 | 3.2.2.5 | PHX | | 1/1/09 | 5/6/09 | 100.0% | | | | |
| 97 | 3.2.2.5.1 | Delivery 1 | BS,JH | 1/1/09 | 1/8/09 | 100.0% | | | | |
| 98 | 3.2.2.5.2 | Delivery 2 | BS,JH | 3/2/09 | 3/9/09 | 100.0% | | | | |
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| 99 | 3.2.2.5.3 | Delivery 3 | BS,JH | 4/29/09 | 5/6/09 | 100.0% | | | | | |
| 100 | 3.2.2.6 | ODY | | 10/1/08 | 7/14/09 | 100.0% | [Red bar spanning from 10/1/08 to 7/14/09] | | | | |
| 101 | 3.2.2.6.1 | Delivery 25 | BS,JH | 10/1/08 | 10/8/08 | 100.0% | [Red bar] | | | | |
| 102 | 3.2.2.6.2 | Delivery 26 | BS,JH | 1/7/09 | 1/14/09 | 100.0% | | [Red bar] | | | |
| 103 | 3.2.2.6.3 | Delivery 27 | BS,JH | 4/1/09 | 4/7/09 | 100.0% | | | [Red bar] | | |
| 104 | 3.2.2.6.4 | Delivery 28 | BS,JH | 7/7/09 | 7/14/09 | 100.0% | | | | | [Red bar] |
| 105 | 3.3 | Data Engineering | | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 106 | 3.3.1 | Data Validation/Ingestion | | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 107 | 3.3.1.1 | On-going keyword ingestion and update for all missions | BS,RC | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 108 | 3.3.1.2 | On-going catalog and data ingest for all missions (PPI is the big driver) | BS,RC,CS,RJ | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 109 | 3.3.1.3 | On-going archive working group support | BS,RC,EL | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 110 | 3.3.2 | Catalog Reconciliation (on-going, quarterly status update) | EL,RC,BS | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 111 | 3.3.3 | Peer Review (on going) | EL,RC,BS | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 112 | 3.4 | Web Support | | 6/4/07 | 9/25/09 | 100.0% | [Red bar spanning from 6/4/07 to 9/25/09] | | | | |
| 113 | 3.4.1 | PDS & EN pages maintenance (on-going as needed) | EN | 1/21/09 9/29/08 | 8/17/09 9/25/09 | 100.0% | [Red bar spanning from 1/21/09 to 8/17/09] | | | | |
| 114 | 3.4.1.1 | Liink Check | | 1/21/09 | 8/17/09 | 100.0% | | [Red bar spanning from 1/21/09 to 8/17/09] | | | |
| 115 | 3.4.1.1.1 | Verification/Fix #1 | EL,JH | 1/21/09 | 2/2/09 | 100.0% | | [Red bar] | | | |
| 116 | 3.4.1.1.2 | Verification/Fix #2 | EL,JH | 8/4/09 | 8/17/09 | 100.0% | | | | | [Red bar] |
| 117 | 3.4.2 | PDS Home Page | | 6/4/07 | 1/30/09 | 100.0% | [Red bar spanning from 6/4/07 to 1/30/09] | | | | |
| 118 | 3.4.2.1 | Phase 1 | OPS,DEV | 6/4/07 | 1/30/09 | 100.0% | [Red bar spanning from 6/4/07 to 1/30/09] | | | | |
| 119 | 3.5 | Infrastructure | | 10/27/08 | 5/29/09 | 100.0% | [Red bar spanning from 10/27/08 to 5/29/09] | | | | |
| 120 | 3.5.1 | Infrastructure Upgrade | DT | 10/27/08 | 5/29/09 | 100.0% | [Red bar spanning from 10/27/08 to 5/29/09] | | | | |
| 121 | 3.6 | Service | | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 122 | 3.6.1 | User Support | | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 123 | 3.6.1.1 | User inquiries handling and Subscription notification list cleanup | CS | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| 124 | 3.6.2 | Monthly Metrics collection and report | CS,DT | 9/29/08 | 9/25/09 | 100.0% | [Red bar spanning from 9/29/08 to 9/25/09] | | | | |
| | | | | | | | Fourth Quarter | First Quarter | Second Quarter | Third Quarter | |