

Business Case: Capital Asset Summary

Part I: Summary Information and Justification (All Capital Assets)

Section A: Overview & General Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2021-05-06
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2021-06-30
Date of Last Business Case Update: 2021-06-30
Date of Last Revision: 2021-06-30

Agency: 006 - Department of Commerce **Bureau:** 48 - National Oceanic and Atmospheric Administration

1. Name of this Investment: NOAA/NESDIS/ Comprehensive Large Array-data Stewardship System (CLASS).

2. Unique Investment Identifier (UII): 006-000320500

Section B: Investment Detail

- Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

006SO18034: Provide Accurate Data to Support Economic Activity

Agency Priority Goal(s):

- Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**

As an enterprise solution, CLASS will reduce anticipated cost growth associated with storing environmental datasets by providing common services for acquisition, security, and project management for the IT system supporting NOAA Archives, consolidating stove-pipe, legacy archival storage* systems and, lastly, relieving data owners of archival storage-related system development and operations issues. The ROI over the 16 year life of the investment is \$6,400M.

- If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:**

Table I.B.1 Affected Investment Information

| Investment UII | To Be Status |
|----------------|--------------|
|----------------|--------------|

NONE

4. Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:

NO

5. Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:

NO

6. If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.

7. Provide the name of the Investment-level project manager:

Jay Morris

8. Select the qualification/experience level of the Investment-level project manager (select one):

1 - FAC-P/PM(DAWIA-3)- Senior

Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

| Table I.C.1 Life Cycle Costs | | | | |
|---|--------------------|-------------|-------------|-------------|
| | PY-1 & Prior | PY 2021 | CY 2022 | BY 2023 |
| Planning Costs: | 0 | 0 | 0 | 0 |
| DME (Excluding Planning) Costs: | 0 | 0 | 0 | 0 |
| DME (Including Planning) Govt. FTEs: | 0 | 0 | 0 | 0 |
| Sub-Total DME (including Internal Labor (Govt. FTE)): | 0 | 0 | 0 | 0 |
| O & M Costs: | \$15.645001 | \$15.263970 | \$18.460257 | \$15.366470 |
| O & M Internal Labor (Govt. FTE): | \$0.661001 | \$1.140946 | \$1.133000 | \$1.076890 |
| Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)): | \$16.306002 | \$16.404916 | \$19.593257 | \$16.443360 |
| Total Cost (Including Internal Labor (Govt. FTE)): | \$16.306002 | \$16.404916 | \$19.593257 | \$16.443360 |
| Total Cost Internal Labor (Govt. FTE) costs: | \$0.661001 | \$1.140946 | \$1.133000 | \$1.076890 |
| # of FTE rep by costs: | 4 | 4 | 5 | 6 |
| Total change from prior year final President's Budget (\$) | | \$16.404916 | \$19.593257 | |
| Total change from prior year final President's Budget | | 0.00% | 0.00% | |

Table I.C.1 Life Cycle Costs

| | PY-1 & Prior | PY 2021 | CY 2022 | BY 2023 |
|-----|--------------------|------------|------------|------------|
| (%) | | | | |

2.
 - a. In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)
2005
 - b. In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)
2024
3. Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):
Funding levels for current year assumes a full year Continuing Resolution.

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:** NOAA/NESDIS/ COMPREHENSIVE LARGE ARRAY-DATA STEWARDSHIP SYSTEM (CLASS).
2. **Unique Investment Identifier (UII):** 006-000320500

Section C1: Projects Table

Projects Table C.1

| Unique Project ID | Project Name | Project Goal | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) | Software Project? |
|-------------------|-----------------------------|---|--------------------|-------------------------|------------------------------|-------------------|
| 3205D12011 | CLASS Data Center Migration | | 10/01/2011 | 09/30/2014 | \$11.0 | |
| 3205D12012 | CLASS JPSS | | 10/01/2011 | 09/30/2017 | \$37.0 | |
| 3205D12013 | CLASS GOES-R | | 10/01/2011 | 09/30/2017 | \$57.0 | |
| 3205D12014 | CLASS Sustainment | This project contains activities that support current operations and system sustainment, including quarterly software releases, testing, and, and technology refreshes. | 03/31/2016 | 09/30/2024 | \$60.0 | No |

Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 3205D12012 | NPP StAR Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12012.1.3.4.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2011-11-01 | 2011-11-01 | 2011-11-01 | 0.050000 | 0.050000 | 0.030000 |
| 3205D12013 | HPSS Migration Requirements Development | Requirements Development products - Requirements Document, | 3205D12013.1.3.4.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2011-11-01 | 2011-11-01 | 2011-11-15 | 0.225000 | 0.225000 | 0.225000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | Interface Control Document, Design Documentation | | | | | | | | | | |
| 3205D12013 | Access Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12013.1.5.7.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2011-12-01 | 2011-12-01 | 2011-12-10 | 0.250000 | 0.250000 | 0.200000 |
| 3205D12012 | NPP StAR Baseline Configuration Management | Baseline Configuration Management products-Change Requests, Configuration audit results | 3205D12012.1.3.4.1 | 2011-11-01 | 2011-11-01 | 2011-11-01 | 2012-01-01 | 2012-01-01 | 2012-01-01 | 0.010000 | 0.010000 | 0.010000 |
| 3205D12012 | NPP StAR SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12012.1.3.2 | 2011-11-01 | 2011-11-01 | 2011-11-01 | 2012-01-01 | 2012-01-01 | 2011-12-15 | 0.150000 | 0.150000 | 0.150000 |
| 3205D12013 | HPSS Migration Baseline Configuration Management | Baseline Configuration Management products-Change Requests, Configuration audit results | 3205D12013.1.3.4.1 | 2011-11-01 | 2011-11-01 | 2011-11-01 | 2012-01-01 | 2012-04-01 | 2012-04-01 | 0.050000 | 0.050000 | 0.055000 |
| 3205D12011 | NGDC | Requirements | 3205D12011.1. | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2012-02-01 | 2012-01-24 | 0.050000 | 0.050000 | 0.040000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|----------------------------------|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Requirements Development | Development products - Requirements Document, Interface Control Document, Design Documentation | 2.4.4 | | | | | | | | | |
| 3205D12011 | NODC Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12011.1.3.5.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2011-11-30 | 2011-11-30 | 0.050000 | 0.050000 | 0.062000 |
| 3205D12011 | NCDC Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12011.1.1.2.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2012-02-01 | 2012-01-24 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12012 | NPP NDE Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12012.1.4.4.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2011-11-30 | 2011-11-30 | 0.100000 | 0.100000 | 0.100000 |
| 3205D12012 | NPP StAR Systems Engineering | | 3205D12012.1.3.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2012-01-01 | 2012-01-01 | 0.070000 | 0.070000 | 0.050000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 3205D12012 | NPP StAR Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12012.1.3.4.2 | 2012-01-01 | 2011-12-01 | 2011-12-01 | 2012-02-01 | 2011-12-15 | 2011-12-15 | 0.010000 | 0.010000 | 0.010000 |
| 3205D12012 | NPP StAR Integration and Test | Integration and Test products-test plans, test results, test review, discrepancy reports | 3205D12012.1.3.1 | 2012-01-01 | 2012-01-01 | 2011-12-15 | 2012-02-01 | 2012-02-01 | 2012-01-15 | 0.025000 | 0.025000 | 0.025000 |
| 3205D12013 | RN Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12013.1.1.1.1 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2012-02-01 | 2012-02-01 | 0.425000 | 0.425000 | 0.400000 |
| 3205D12013 | Ingest and Archive Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12013.1.2.1.1 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2011-11-30 | 2011-11-30 | 0.150000 | 0.150000 | 0.150000 |
| 3205D12013 | HPSS Migration Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability | 3205D12013.1.3.4.2 | 2012-01-01 | 2012-01-01 | 2012-01-01 | 2012-02-01 | 2012-02-01 | 2012-01-25 | 0.025000 | 0.025000 | 0.025000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | reports | | | | | | | | | | |
| 3205D12013 | HPSS Migration Systems Engineering | | 3205D12013.1.3.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2012-04-01 | 2012-04-01 | 0.300000 | 0.300000 | 0.305000 |
| 3205D12013 | Trade Studies Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12013.1.4.2.3 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-02-01 | 2012-02-01 | 2012-02-01 | 0.150000 | 0.150000 | 0.125000 |
| 3205D12012 | NPP GCOM Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12012.1.2.4.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-04-01 | 2012-04-01 | 2012-04-01 | 0.300000 | 0.300000 | 0.285000 |
| 3205D12012 | NPP Sat Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12012.1.1.4.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-04-01 | 2012-04-01 | 2012-04-01 | 0.500000 | 0.500000 | 0.450000 |
| 3205D12013 | Access Baseline Baseline Configuration Management | Baseline Configuration Management products- Change Requests, Configuration | 3205D12013.1.5.7.1 | 2011-12-01 | 2011-12-01 | 2011-12-15 | 2012-05-01 | 2012-05-01 | 2012-05-01 | 0.025000 | 0.025000 | 0.025000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|--|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| audit results | | | | | | | | | | | | |
| 3205D12013 | Access HW/SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12013.1.5.1 | 2011-12-01 | 2011-11-01 | 2011-11-01 | 2012-05-01 | 2012-05-01 | 2012-04-15 | 0.300000 | 0.300000 | 0.280000 |
| 3205D12012 | NPP Sat HW/SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12012.1.1.2 | 2012-02-01 | 2011-11-15 | 2011-11-15 | 2012-06-01 | 2012-06-01 | 2012-06-01 | 2.700000 | 2.700000 | 2.500000 |
| 3205D12012 | NPP GCOM SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12012.1.2.1 | 2012-03-01 | 2012-03-01 | 2012-02-02 | 2012-06-01 | 2012-04-26 | 2012-04-26 | 0.300000 | 0.300000 | 0.280000 |
| 3205D12013 | Trade Studies Systems Engineering | | 3205D12013.1.4.2 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-06-01 | 2012-06-01 | 2012-06-01 | 0.200000 | 0.200000 | 0.155000 |
| 3205D12013 | Trade Studies Baseline Configuration Management | Baseline Configuration Management products-Change Requests, Configuration audit results | 3205D12013.1.4.2.1 | 2012-02-01 | 2012-02-01 | 2012-02-01 | 2012-06-01 | 2012-06-01 | 2012-06-01 | 0.050000 | 0.050000 | 0.030000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 3205D12013 | HPSS HW/SW Development | HW/ SW Development products- design presentations, network diagrams, software code, procurement documents | 3205D12013.1.3.1 | 2012-01-01 | 2011-11-01 | 2011-11-01 | 2012-06-01 | 2012-08-01 | 2012-08-01 | 2.200000 | 2.200000 | 2.000000 |
| 3205D12012 | NPP GCOM Integration and Test | Integration and Test products- test plans, test results, test review, discrepancy reports | 3205D12012.1.2.2 | 2012-05-01 | 2012-06-01 | 2012-06-01 | 2012-07-30 | 2012-08-30 | 2012-08-30 | 0.175000 | 0.100000 | 0.100000 |
| 3205D12011 | NGDC Baseline Configuration Management | Baseline Configuration Management products- Change Requests, Configuration audit results | 3205D12011.1.2.4.1 | 2012-02-01 | 2012-02-01 | 2012-01-05 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12011 | NODC Baseline Configuration Management | Baseline Configuration Management products- Change Requests, Configuration audit results | 3205D12011.1.3.5.1 | 2012-02-01 | 2012-02-01 | 2012-01-05 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12011 | NGDC HW/SW Development | HW/ SW Development products- design presentations, network diagrams, software code, procurement | 3205D12011.1.2.2 | 2012-02-01 | 2011-12-15 | 2011-12-15 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.250000 | 0.250000 | 0.250000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|--|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | documents | | | | | | | | | | |
| 3205D12011 | NCDC Baseline Configuration Management | Baseline Configuration Management products-Change Requests, Configuration audit results | 3205D12011.1.1.2.1 | 2012-02-01 | 2012-02-01 | 2012-01-05 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.100000 | 0.100000 | 0.100000 |
| 3205D12011 | NODC HW/SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12011.1.3.2 | 2012-02-01 | 2011-11-15 | 2011-11-15 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.100000 | 0.100000 | 0.100000 |
| 3205D12012 | NPP NDE Baseline Configuration Management | Baseline Configuration Management products-Change Requests, Configuration audit results | 3205D12012.1.4.4.1 | 2012-02-01 | 2011-12-15 | 2011-12-15 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12012 | NPP NDE SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12012.1.4.1 | 2012-02-01 | 2011-12-02 | 2011-12-02 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.150000 | 0.150000 | 0.145000 |
| 3205D12013 | RN Baseline Configuration Management | Baseline Configuration Management products-Change | 3205D12013.1.1.1.2 | 2012-02-01 | 2012-02-01 | 2012-01-10 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.100000 | 0.100000 | 0.085000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|--|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | Requests, Configuration audit results | | | | | | | | | | |
| 3205D12013 | RN HW/SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12013.1.1.2 | 2012-02-01 | 2011-12-01 | 2011-12-01 | 2012-08-01 | 2012-08-01 | 2012-08-15 | 1.500000 | 1.500000 | 1.450000 |
| 3205D12013 | Ingest and Archive Baseline Configuration Management | Baseline Configuration Management products-Change Requests, Configuration audit results | 3205D12013.1.2.1.2 | 2012-02-01 | 2012-02-01 | 2012-02-15 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.025000 | 0.025000 | 0.025000 |
| 3205D12013 | Ingest and Archive HW/SW Development | HW/ SW Development products-design presentations, network diagrams, software code, procurement documents | 3205D12013.1.2.2 | 2012-02-01 | 2012-02-01 | 2012-02-15 | 2012-08-01 | 2012-08-01 | 2012-08-15 | 0.500000 | 0.500000 | 0.475000 |
| 3205D12013 | Access Systems Engineering | | 3205D12013.1.5.7 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.300000 | 0.300000 | 0.250000 |
| 3205D12013 | Access Integration and Test | Integration and Test products-test plans, test results, test review, discrepancy reports | 3205D12013.1.5.2 | 2012-04-01 | 2011-11-15 | 2011-11-15 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.100000 | 0.100000 | 0.085000 |
| | | | | | | | | | | | | |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-------------------------------------|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 3205D12013 | Access Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12013.1.5.7.2 | 2012-05-01 | 2012-05-01 | 2012-04-15 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 0.025000 | 0.025000 | 0.025000 |
| 3205D12013 | HPSS Migration Integration and Test | Integration and Test products- test plans, test results, test review, discrepancy reports | 3205D12013.1.3.2 | 2012-06-01 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.200000 | 0.200000 |
| 3205D12011 | NGDC Systems Engineering | | 3205D12011.1.2.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-01 | 2012-09-01 | 2012-09-01 | 0.150000 | 0.150000 | 0.140000 |
| 3205D12011 | NGDC Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12011.1.2.4.2 | 2012-08-01 | 2011-11-15 | 2011-11-15 | 2012-09-01 | 2012-09-01 | 2012-09-01 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12011 | NODC Systems Engineering | | 3205D12011.1.3.5 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-01 | 2012-09-01 | 2012-09-01 | 0.125000 | 0.125000 | 0.137000 |
| 3205D12011 | NODC Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12011.1.3.5.2 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-01 | 2012-09-01 | 2012-09-01 | 0.025000 | 0.025000 | 0.025000 |
| 3205D12011 | NGDC Integration and Test | Integration and Test products- test plans, test results, test | 3205D12011.1.2.3 | 2012-07-01 | 2012-07-01 | 2012-07-02 | 2012-09-01 | 2012-09-01 | 2012-09-01 | 0.100000 | 0.095000 | 0.095000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|--|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | review, discrepancy reports | | | | | | | | | | |
| 3205D12011 | NCDC Systems Engineering | | 3205D12011.1.1.2 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.225000 | 0.175000 | 0.175000 |
| 3205D12011 | NCDC Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12011.1.1.2.2 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.075000 | 0.025000 | 0.025000 |
| 3205D12011 | NODC Integration and Test | Integration and Test products- test plans, test results, test review, discrepancy reports | 3205D12011.1.3.3 | 2012-07-01 | 2012-07-01 | 2012-07-01 | 2012-09-30 | 2012-10-22 | 2012-10-22 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12012 | NPP- Satellite V and V/ J1 Requirements | Provide support for the planning, estimating, sizing and level 1 requirements development for CLASS support to the J-1 program. Support continuation of load testing activities and pre- and post-launch testing and problem resolution specifically | 3205D12012.1.1 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 5.700000 | 5.500000 | 5.220000 |
| 3205D12012 | NPP NDE Systems | | 3205D12012.1.4.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.200000 | 0.200000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| Engineering | | | | | | | | | | | | |
| 3205D12012 | NPP NDE Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12012.1.4.2 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.050000 | 0.050000 | 0.050000 |
| 3205D12012 | NPP NDE Integration and Test | Integration and Test products- test plans, test results, test review, discrepancy reports | 3205D12012.1.4.2 | 2012-07-01 | 2012-09-01 | 2012-09-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.150000 | 0.150000 |
| 3205D12012 | NPP GCOM Systems Engineering | | 3205D12012.1.2.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.450000 | 0.450000 | 0.435000 |
| 3205D12012 | NPP GCOM Baseline Configuration Management | Baseline Configuration Management products- Change Requests, Configuration audit results | 3205D12012.1.2.4.1 | 2012-04-01 | 2011-12-15 | 2011-12-15 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.075000 | 0.075000 | 0.075000 |
| 3205D12012 | NPP GCOM Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12012.1.2.4.2 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.075000 | 0.075000 | 0.075000 |
| 3205D12012 | NPP Sat Systems Engineering | | 3205D12012.1.1.4 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.900000 | 0.900000 | 0.820000 |
| 3205D12012 | NPP Sat Baseline Configuration | Baseline Configuration Management | 3205D12012.1.1.4.1 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.200000 | 0.180000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|--|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Management | products-Change Requests, Configuration audit results | | | | | | | | | | |
| 3205D12012 | NPP Sat Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12012.1.1.4.2 | 2012-08-01 | 2012-08-01 | 2012-09-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.200000 | 0.190000 |
| 3205D12012 | NPP Sat Integration and Test | Integration and Test products-test plans, test results, test review, discrepancy reports | 3205D12012.1.1 | 2012-05-01 | 2012-05-01 | 2012-04-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 2.100000 | 1.900000 | 1.900000 |
| 3205D12013 | RN Systems Engineering | | 3205D12013.1.1 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.600000 | 0.600000 | 0.560000 |
| 3205D12013 | RN Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12013.1.1.3 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.075000 | 0.075000 | 0.075000 |
| 3205D12013 | RN Integration and Test | Integration and Test products-test plans, test results, test review, discrepancy reports | 3205D12013.1.3 | 2012-07-01 | 2012-08-01 | 2012-08-12 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.200000 | 0.190000 |
| 3205D12013 | Ingest and Archive Systems Engineering | | 3205D12013.1.2.1 | 2011-10-01 | 2011-10-01 | 2011-10-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.200000 | 0.200000 | 0.200000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|---|--------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 3205D12013 | Ingest and Archive Requirements V and V | Requirements V and V products- V and V Matrixes, Requirement traceability reports | 3205D12013.1.2.1.3 | 2012-08-01 | 2012-08-01 | 2012-08-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.025000 | 0.025000 | 0.025000 |
| 3205D12013 | Ingest and Archive Integration and Test | Integration and Test products-test plans, test results, test review, discrepancy reports | 3205D12013.1.2.3 | 2012-07-01 | 2012-07-01 | 2012-07-01 | 2012-09-30 | 2012-09-30 | 2012-09-30 | 0.100000 | 0.100000 | 0.090000 |
| 3205D12013 | Archive CDR | Supports the development of requirements and design documentation to support this system review | 3205D12013.1.2.4 | 2012-10-15 | 2012-10-01 | 2012-10-01 | 2013-03-01 | 2013-08-16 | 2013-09-30 | 3.500000 | 1.500000 | 1.308500 |
| 3205D12012 | NDE Requirements Development | Requirements Development products - Requirements Document, Interface Control Document, Design Documentation | 3205D12012.1.8.8 | 2013-03-11 | 2013-03-11 | 2013-03-11 | 2013-06-21 | 2013-06-21 | 2013-06-21 | 0.021000 | 0.021000 | 0.055740 |
| 3205D12012 | IDPS Integration and Test | Activities associated with the test, integration and deployment of the new capability | 3205D12012.1.5.8 | 2013-03-01 | 2013-03-01 | 2013-03-01 | 2013-09-30 | 2013-09-30 | 2013-09-30 | 0.500000 | 0.500000 | 0.022700 |
| 3205D12013 | Archive Infrastructure Procurement | Supports the buildup, integration of | 3205D12013.1.2.5 | 2013-03-01 | 2013-03-01 | 2013-03-01 | 2014-02-28 | 2014-02-28 | 2013-09-30 | 8.000000 | 0.100000 | 0.052800 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|---|-------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | software and deployment of the receipt nodes | | | | | | | | | | |
| 3205D12013 | Archive Software Build | Provides the resources to develop the first build of the software to support the IDPS | 3205D12013.1.2.6 | 2013-03-01 | 2013-03-01 | 2013-03-01 | 2014-02-28 | 2014-02-28 | 2013-09-30 | 1.000000 | 0.500000 | 0.519800 |
| 3205D12013 | Archive Integrated System Test | Activities associated with the test, integration and deployment of the new capability | 3205D12013.1.2.7 | 2013-03-01 | 2013-03-01 | 2013-03-01 | 2014-02-28 | 2014-02-28 | 2013-09-30 | 0.200000 | 0.120000 | 0.119500 |
| 3205D12013 | Program Interface Requirements Maintenance | Activities associated with maintaining Requirements for GOES-R - Program Interface | 3205D12013.1.2.8 | 2013-03-01 | 2013-03-01 | 2013-03-01 | 2014-02-28 | 2014-02-28 | 2013-09-30 | 0.294000 | 0.180000 | 0.201100 |
| 3205D12012 | CBU POP Requirements | Supports the development of requirements and design documentation | 3205D12012.1.7.1 | 2013-10-01 | 2013-10-01 | 2013-10-01 | 2014-03-31 | 2014-03-31 | 2014-03-31 | 0.117720 | 0.667200 | 0.307400 |
| 3205D12012 | CBU POP Build 1 Implementation | Activities related to implementing CBU POP Build 1 | 3205D12012.1.7.5 | 2013-10-01 | 2013-10-01 | 2013-10-01 | 2014-03-31 | 2014-03-31 | 2014-03-31 | 0.181530 | 0.181530 | 0.126100 |
| 3205D12011 | DMTS Final Test | Activities associated with the final test | 3205D12011.1.9.10 | 2014-04-01 | 2014-04-01 | 2014-04-01 | 2014-09-30 | 2014-09-30 | 2014-09-30 | 0.009610 | 0.009610 | 0.012800 |
| 3205D12012 | CBU POP Test and Acceptance | Activities associated with Test and | 3205D12012.1.7.2 | 2014-04-01 | 2014-04-01 | 2014-04-01 | 2014-09-30 | 2014-09-30 | 2014-09-30 | 0.121250 | 0.671250 | 0.646400 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|---|-------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| Acceptance | | | | | | | | | | | | |
| 3205D12012 | CBU POP Build 1 Integration | Activities related to integrating CBU POP Build 1 | 3205D12012.1.7.6 | 2014-04-01 | 2014-04-01 | 2014-04-01 | 2014-09-30 | 2014-09-30 | 2014-09-30 | 0.186970 | 0.186970 | 0.148600 |
| 3205D12012 | CBU POP SE Implementation | Activities associated with the installation, configuration, and sustainment of receipt nodes | 3205D12012.1.7.3 | 2014-10-01 | 2014-10-01 | 2014-10-01 | 2015-03-31 | 2015-03-31 | 2015-03-31 | 0.414500 | 0.414500 | 0.413800 |
| 3205D12012 | Landing Zone and RN Maintenance FY15 Phase 1 | Activities associated with administration and maintenance of system components dedicated to the ingest of JPSS data and the delivery of data to CLASS data center nodes NCDC and NGDC | 3205D12012.1.9.4 | 2014-10-01 | 2014-10-01 | 2014-10-01 | 2015-03-31 | 2015-03-31 | 2015-03-31 | 0.088500 | 0.088500 | 0.063000 |
| 3205D12012 | FSN Upgrade Procurement, Deployment and Testing | Activities associated with the procurement, deployment and testing of the Full Service Node upgrade | 3205D12012.1.11.4 | 2015-04-01 | 2015-04-01 | 2015-04-01 | 2015-09-30 | 2016-03-31 | 2016-03-31 | 1.890500 | 1.890500 | 1.802700 |
| 3205D12012 | JPSS-1 Operation Readiness Support | Activities related to systems engineering, development, and test | 3205D12012.1.14.1 | 2015-09-01 | 2015-09-01 | 2015-09-01 | 2016-01-29 | 2016-08-31 | 2016-09-30 | 1.348200 | 1.348200 | 0.871700 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|---|-------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | support for transition of the JPSS receipt nodes to the CLASS operational environment | | | | | | | | | | |
| 3205D12013 | Data Producer/ Provider Interface Testing Extension | Activities associated with supporting Data Producer/ Provider Interface testing | 3205D12013.1.12.3 | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-06-30 | 2016-08-31 | 2016-09-30 | 0.564700 | 0.564700 | 0.690000 |
| 3205D12012 | JPSS Block 2.0 Operational Readiness Extension | Activities related to preparing for Block 2.0 transition to ops | 3205D12012.1.5.19 | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-07-01 | 2016-08-31 | 2016-09-30 | 0.729750 | 0.729750 | 0.040400 |
| 3205D12012 | Landing Zone and RN Maintenance FY16 Phase 2 | Activities associated with administration and maintenance of system components dedicated to the ingest of JPSS data and the delivery of data to CLASS data center nodes NCDC and NGDC | 3205D12012.1.9.7 | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-09-30 | 2016-09-30 | 2016-09-30 | 0.038200 | 0.110000 | 0.120600 |
| 3205D12012 | JPSS Block 2.0 transition to ops | Activities related to supporting Block 2.0 transition to ops | 3205D12012.1.5.16 | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-09-30 | 2016-09-30 | 2016-09-30 | 1.806455 | 1.806455 | 1.858700 |
| 3205D12012 | JPSS NPP/J-1 | Continued | 3205D12012.1. | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-09-30 | 2016-09-30 | 2016-09-30 | 0.034750 | 0.015000 | 0.005400 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--|--|-------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | FY16 Engineering Support Phase 2 | activities associated with engineering, development, and test support of operations for S-NPP and J-1 data | 10.7 | | | | | | | | | |
| 3205D12012 | GCOM-W1 FY16 Support Phase 2 | Continued activities related to development and test support to operations for GCOM data. | 3205D12012.1.12.3 | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-09-30 | 2016-09-30 | 2016-09-30 | 0.031000 | 0.005000 | 0.005100 |
| 3205D12013 | Internal Functional, Performance and Load, and Joint Testing | Activities associated with supporting Internal Functional, Performance and Load, and Joint Testing | 3205D12013.1.12.2 | 2016-04-01 | 2016-04-01 | 2016-04-01 | 2016-09-30 | 2016-09-30 | 2016-09-30 | 0.972300 | 0.972300 | 1.385700 |
| 3205D12014 | Core CLASS Release 7.1.2 | Core activities supporting Release 7.1.2 and testing. | 3205D12014.5.1 | 2016-09-01 | 2016-09-01 | 2016-09-01 | 2016-10-12 | 2016-10-12 | 2016-12-31 | 1.264812 | 1.264812 | 1.389600 |
| 3205D12012 | JPSS CLASS Release 7.1.2 | JPSS activities supporting Release 7.1.2 and testing. | 3205D12012.1.15.1 | 2016-09-01 | 2016-09-01 | 2016-09-01 | 2016-10-12 | 2016-10-12 | 2016-10-12 | 0.622239 | 0.622239 | 0.513100 |
| 3205D12013 | GOES CLASS Release 7.1.2 | GOES activities supporting Release 7.1.2 and testing. | 3205D12013.1.13.1 | 2016-09-01 | 2016-09-01 | 2016-09-01 | 2016-10-12 | 2016-10-12 | 2016-10-12 | 0.487358 | 0.487358 | 0.434400 |
| 3205D12014 | Core CLASS Release 7.2 | Core activities supporting Release 7.2 | 3205D12014.5.2 | 2016-10-12 | 2016-10-13 | 2016-10-13 | 2017-03-31 | 2017-05-01 | 2017-05-01 | 2.792852 | 2.792852 | 3.074200 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|--------------------------------|--|-------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | | and testing. | | | | | | | | | | |
| 3205D12012 | JPSS CLASS Release 7.2 | JPSS activities supporting Release 7.2 and testing. | 3205D12012.1.15.2 | 2016-10-13 | 2016-10-13 | 2016-10-13 | 2017-03-31 | 2017-05-01 | 2017-05-01 | 1.766396 | 1.766396 | 1.940700 |
| 3205D12013 | GOES CLASS Release 7.2 | GOES activities supporting Release 7.2 and testing. | 3205D12013.1.13.2 | 2016-10-13 | 2016-10-13 | 2016-10-13 | 2017-03-31 | 2017-05-01 | 2017-05-01 | 1.315592 | 1.315592 | 1.198300 |
| 3205D12014 | Core CLASS Release 8.0 | Core activities supporting Release 8.0 and testing. | 3205D12014.5.3 | 2017-04-01 | 2017-04-01 | 2017-04-01 | 2017-06-30 | 2017-08-31 | 2017-08-31 | 0.865896 | 0.865896 | 0.926900 |
| 3205D12012 | JPSS CLASS Release 8.0 | JPSS activities supporting Release 8.0 and testing. | 3205D12012.1.15.3 | 2017-04-01 | 2017-04-01 | 2017-04-01 | 2017-06-30 | 2017-08-31 | 2017-08-31 | 0.450054 | 0.450054 | 0.495200 |
| 3205D12013 | GOES CLASS Release 8.0 | GOES activities supporting Release 8.0 and testing. | 3205D12013.1.13.3 | 2017-04-01 | 2017-04-01 | 2017-04-01 | 2017-06-30 | 2017-08-31 | 2017-08-31 | 0.265941 | 0.265941 | 0.493700 |
| 3205D12014 | Core CLASS Sustainment Release | Core activities supporting Sustainment Release and testing. | 3205D12014.5.4 | 2017-07-01 | 2017-07-01 | 2017-07-01 | 2017-08-15 | 2017-09-30 | 2017-09-30 | 0.802860 | 0.802860 | 0.792500 |
| 3205D12012 | Testing and Sustainment | Activities that support current JPSS operations and system sustainment, including quarterly software releases, testing, and, and technology refreshes. | 3205D12012.1.15 | 2016-09-01 | 2016-09-01 | 2016-09-01 | 2017-08-15 | 2017-09-30 | 2017-09-30 | 3.266973 | 3.266973 | 3.470300 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------------|--|-------------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 3205D12012 | JPSS CLASS Sustainment Release | JPSS activities supporting Sustainment Release and testing. | 3205D12012.1.15.4 | 2017-07-01 | 2017-07-01 | 2017-07-01 | 2017-08-15 | 2017-09-30 | 2017-09-30 | 0.428284 | 0.428284 | 0.521300 |
| 3205D12013 | GOES-R Testing and Sustainment | Activities that support current GOES operations and system sustainment, including quarterly software releases, testing, and, and technology refreshes. | 3205D12013.1.13 | 2016-09-01 | 2016-09-01 | 2016-09-01 | 2017-08-15 | 2017-09-30 | 2017-09-30 | 2.227959 | 2.227959 | 2.450900 |
| 3205D12013 | GOES CLASS Sustainment Release | GOES activities supporting Sustainment Release and testing. | 3205D12013.1.13.4 | 2017-07-01 | 2017-07-01 | 2017-07-01 | 2017-08-15 | 2017-09-30 | 2017-09-30 | 0.159068 | 0.159068 | 0.324500 |
| 3205D12014 | Core CLASS Release FY18 Q2 | Core activities supporting FY18 Q1 and Q2 Release and testing. | 3205D12014.5.6 | 2017-10-01 | 2017-10-01 | 2017-10-01 | 2018-03-31 | 2018-03-31 | 2018-03-31 | 5.250182 | 5.250182 | 4.959600 |
| 3205D12014 | Core CLASS Release FY18 Q4 | Core activities supporting FY18 Q3 and Q4 Release and testing. | 3205D12014.5.8 | 2018-04-01 | 2018-04-01 | 2018-04-01 | 2018-09-30 | 2018-09-30 | 2018-09-30 | 9.916265 | 9.916265 | 10.348200 |
| 3205D12014 | Core CLASS Release FY19 Q1 and Q2 | Core activities supporting FY19 Q1 and Q2 Release and Testing | 3205D12014.5.9 | 2018-10-01 | 2018-10-01 | 2018-10-01 | 2019-03-31 | 2019-03-31 | 2019-03-31 | 5.829730 | 4.169300 | 4.107100 |
| 3205D12014 | Core CLASS Release FY19 | Core activities supporting | 3205D12014.5.10 | 2019-04-01 | 2019-04-01 | 2019-04-01 | 2019-09-30 | 2019-09-30 | 2019-09-30 | 7.717034 | 6.907234 | 6.968000 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|---|--|-----------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Q3 and Q4 | FY19 Q3 and Q4 Release and testing. | | | | | | | | | | |
| 3205D12014 | Core CLASS Release FY20 Q1 and Q2 | Core activities supporting FY20 Q1 and Q2 Release and Testing | 3205D12014.5.11 | 2019-10-01 | 2019-10-01 | 2019-10-01 | 2020-03-31 | 2020-03-31 | 2020-03-31 | 5.655951 | 3.929164 | 4.263700 |
| 3205D12014 | Core CLASS Release FY20 Q3 and Q4 | Core activities supporting FY20 Q3 and Q4 Release and Testing | 3205D12014.5.12 | 2020-04-01 | 2020-04-01 | 2020-04-01 | 2020-09-30 | 2020-09-30 | 2020-09-30 | 7.311472 | 6.590342 | 6.323600 |
| 3205D12014 | Core Operations Sustainment and Maintenance | Activities that support current Core operations and system sustainment, including quarterly software releases, testing, and, and technology refreshes. | 3205D12014.5 | 2016-09-01 | 2016-09-01 | 2016-09-01 | 2021-03-31 | 2021-03-31 | | 52.226467 | 47.308320 | 48.421500 |
| 3205D12014 | Core CLASS Release FY21 Q1 and Q2 | Core activities supporting FY21 Q1 and Q2 Release and Testing | 3205D12014.5.13 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2021-03-31 | 2021-03-31 | | 4.819413 | 4.819413 | 5.268100 |

Section D: Operational Data

1. Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):

1. Date of Analysis:

2. Analysis Results:

3. Analysis Conclusion: continue as is

2. Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|---|-----------------|---|---|-------------|-------------|-----------------------|---------------------|---|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| 27034 | Operational Cost Reduction per Terabyte of Data Archived | Percent | 3 - Financial Performance | 5.000000 | 5.000000 | 5.000000 | Over target | Annual | 006SO18034 : Provide Accurate Data to Support Economic Activity | No |
| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | | | | | | |
| 27034 | 271324 | 16.000000 | 09/30/2020 | | | | | | | |
| 27034 | 250020 | 35.000000 | 09/30/2019 | | | | | | | |
| 27034 | 232164 | -3.000000 | 09/30/2018 | Cost per terabyte increased by 3% due to a major technology refresh during FY18. The overall cost per terabyte has reduced by 24% since FY14. | | | | | | |
| 27034 | 227197 | 11.000000 | 09/30/2017 | | | | | | | |
| 25441 | How often 95% of all requests for information addressed or routed to subject matter experts within two business days of receiving the request | Percent | 1 - Customer Satisfaction (Process Results) | 97.000000 | 97.000000 | 97.000000 | Over target | Monthly | 006SO18034 : Provide Accurate Data to Support Economic Activity | No |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|------------------|-----------------------|-----------------------|---|--------------------|
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | |
| | | | | | 25441 | 287692 | 100.000000 | 06/30/2021 | | |
| | | | | | 25441 | 287691 | 100.000000 | 05/30/2021 | | |
| | | | | | 25441 | 284675 | 100.000000 | 04/30/2021 | | |
| | | | | | 25441 | 283737 | 100.000000 | 03/31/2021 | | |
| | | | | | 25441 | 281523 | 100.000000 | 02/28/2021 | | |
| | | | | | 25441 | 278659 | 100.000000 | 01/31/2021 | | |
| | | | | | 25441 | 276655 | 100.000000 | 12/31/2020 | | |
| | | | | | 25441 | 275179 | 100.000000 | 11/30/2020 | | |
| | | | | | 25441 | 274221 | 100.000000 | 10/31/2020 | | |
| | | | | | 25441 | 271325 | 100.000000 | 09/30/2020 | | |
| | | | | | 25441 | 270725 | 100.000000 | 08/31/2020 | | |
| | | | | | 25441 | 266008 | 100.000000 | 07/31/2020 | | |
| | | | | | 25441 | 266007 | 100.000000 | 06/30/2020 | | |
| | | | | | 25441 | 266006 | 100.000000 | 05/31/2020 | | |
| | | | | | 25441 | 266005 | 100.000000 | 04/30/2020 | | |
| | | | | | 25441 | 259224 | 100.000000 | 03/31/2020 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| | | | | | 25441 | 258054 | 100.000000 | 02/29/2020 | | |
| | | | | | 25441 | 256317 | 100.000000 | 01/31/2020 | | |
| | | | | | 25441 | 253715 | 100.000000 | 12/31/2019 | | |
| | | | | | 25441 | 253321 | 100.000000 | 11/30/2019 | | |
| | | | | | 25441 | 251618 | 100.000000 | 10/31/2019 | | |
| | | | | | 25441 | 250019 | 100.000000 | 09/30/2019 | | |
| | | | | | 25441 | 246572 | 100.000000 | 07/31/2019 | | |
| | | | | | 25441 | 245225 | 100.000000 | 07/01/2019 | | |
| | | | | | 25441 | 243890 | 100.000000 | 05/31/2019 | | |
| | | | | | 25441 | 242503 | 100.000000 | 04/30/2019 | | |
| | | | | | 25441 | 241244 | 100.000000 | 03/31/2019 | | |
| | | | | | 25441 | 239438 | 100.000000 | 02/28/2019 | | |
| | | | | | 25441 | 237142 | 100.000000 | 11/30/2018 | | |
| | | | | | 25441 | 237141 | 100.000000 | 12/31/2018 | | |
| | | | | | 25441 | 237140 | 100.000000 | 01/31/2019 | | |
| | | | | | 25441 | 234120 | 100.000000 | 10/31/2018 | | |
| | | | | | 25441 | 232163 | 100.000000 | 09/30/2018 | | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| | | | | | 25441 | 227196 | 100.000000 | 07/31/2018 | | |
| | | | | | 25441 | 227195 | 100.000000 | 08/31/2018 | | |
| | | | | | 25441 | 224730 | 100.000000 | 06/30/2018 | | |
| | | | | | 25441 | 223809 | 100.000000 | 05/31/2018 | | |
| | | | | | 25441 | 222296 | 100.000000 | 04/30/2018 | | |
| | | | | | 25441 | 220655 | 100.000000 | 03/31/2018 | | |
| | | | | | 25441 | 219282 | 100.000000 | 02/28/2018 | | |
| | | | | | 25441 | 217474 | 100.000000 | 01/31/2018 | | |
| | | | | | 25441 | 215706 | 100.000000 | 12/31/2017 | | |
| | | | | | 25441 | 214474 | 100.000000 | 11/30/2017 | | |
| | | | | | 25441 | 212826 | 100.000000 | 09/30/2017 | | |
| | | | | | 25441 | 212825 | 100.000000 | 10/31/2017 | | |
| | | | | | 25441 | 193619 | 100.000000 | 05/31/2017 | | |
| | | | | | 25441 | 193618 | 100.000000 | 06/30/2017 | | |
| | | | | | 25441 | 193617 | 100.000000 | 07/31/2017 | | |
| | | | | | 25441 | 193616 | 100.000000 | 08/31/2017 | | |
| | | | | | 25441 | 188899 | 100.000000 | 03/31/2017 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--|-----------------|--|----------------------------|-------------|------------------|-----------------------|-----------------------|---|--------------------|
| 25440 | OMB Business Case Life Cycle Cost O&M Outlays FY \$ / Archive total volume FY TB | Dollars | 3 - Financial Performance | 467.000000 | 25441 | 188898 | 100.000000 | 04/30/2017 | | |
| | | | | | 25441 | 184649 | 100.000000 | 02/28/2017 | | |
| | | | | | 25441 | 183236 | 100.000000 | 12/31/2016 | | |
| | | | | | 25441 | 183235 | 100.000000 | 01/31/2017 | | |
| | | | | | 25441 | 178909 | 100.000000 | 11/30/2016 | | |
| | | | | | 25441 | 176224 | 100.000000 | 10/31/2016 | | |
| | | | | | | | Under target | Annual | | No |
| NONE | | | | | | | | | | |
| 24827 | Volume of environmental data delivered to customers per year | petabytes | 2 - Strategic and Business Results | 4.000000 | 4.000000 | 4.000000 | Over target | Annual | 006SO18034 : Provide Accurate Data to Support Economic Activity | No |
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | |
| | | | | | 24827 | 271326 | 9.040000 | 09/30/2020 | | |
| | | | | | 24827 | 251617 | 7.510000 | 10/31/2019 | | |
| | | | | | 24827 | 250018 | 7.430000 | 09/30/2019 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|--|--------------------|
| | | | | | 24827 | 239437 | 2.770000 | 02/28/2019 | Cumulative for FY19 thus far. On track to achieve this annual target by FY19 year end. | |
| | | | | | 24827 | 237139 | 1.100000 | 11/30/2018 | | |
| | | | | | 24827 | 237138 | 1.750000 | 12/31/2018 | | |
| | | | | | 24827 | 237137 | 2.200000 | 01/31/2019 | | |
| | | | | | 24827 | 234119 | 0.600000 | 10/31/2018 | | |
| | | | | | 24827 | 232162 | 5.800000 | 09/30/2018 | | |
| | | | | | 24827 | 227194 | 4.700000 | 07/31/2018 | | |
| | | | | | 24827 | 227193 | 5.200000 | 08/31/2018 | | |
| | | | | | 24827 | 224729 | 4.200000 | 06/30/2018 | | |
| | | | | | 24827 | 223808 | 3.700000 | 05/31/2018 | | |
| | | | | | 24827 | 222295 | 3.200000 | 04/30/2018 | | |
| | | | | | 24827 | 220654 | 2.460000 | 03/31/2018 | | |
| | | | | | 24827 | 219281 | 2.060000 | 02/28/2018 | | |
| | | | | | 24827 | 217473 | 1.660000 | 01/31/2018 | | |
| | | | | | 24827 | 215705 | 1.160000 | 12/31/2017 | | |
| | | | | | 24827 | 214473 | 0.760000 | 11/30/2017 | | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|---|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| 24827 | | | | | 24827 | 212824 | 5.200000 | 09/30/2017 | | |
| | | | | | 24827 | 212823 | 0.360000 | 10/31/2017 | | |
| | | | | | 24827 | 193615 | 3.600000 | 05/31/2017 | | |
| | | | | | 24827 | 193614 | 4.200000 | 06/30/2017 | | |
| | | | | | 24827 | 193613 | 4.600000 | 07/31/2017 | | |
| | | | | | 24827 | 193612 | 4.900000 | 08/31/2017 | | |
| | | | | | 24827 | 188897 | 2.900000 | 03/31/2017 | | |
| | | | | | 24827 | 188896 | 3.200000 | 04/30/2017 | | |
| | | | | | 24827 | 184648 | 2.300000 | 02/28/2017 | | |
| | | | | | 24827 | 183234 | 1.700000 | 01/31/2017 | | |
| | | | | | 24827 | 180725 | 1.200000 | 12/31/2016 | | |
| | | | | | 24827 | 178908 | 5.360000 | 09/30/2016 | | |
| | | | | | 24827 | 178907 | 0.760000 | 11/30/2016 | | |
| | | | | | 24827 | 176223 | 0.410000 | 10/31/2016 | | |
| 21635 | Operational Cost Reduction per Terrabyte of data archived | Percent | 3 - Financial Performance | | | | Over target | Annual | | No |
| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | | | | | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|

NONE

| | | | | | | | | | | |
|------|--|-------------|------------------------------------|----------|----------|----------|--------------|---------|---|----|
| 7855 | Number of unplanned outage incidents. Excludes outages due to loss of power or because of external or environmental factors. | unit number | 2 - Strategic and Business Results | 6.000000 | 6.000000 | 6.000000 | Under target | Monthly | 006SO18034 : Provide Accurate Data to Support Economic Activity | No |
|------|--|-------------|------------------------------------|----------|----------|----------|--------------|---------|---|----|

| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment |
|-----------|------------------|---------------|-----------------------|---------|
| 7855 | 287694 | 1.000000 | 06/30/2021 | |
| 7855 | 287693 | 0.000000 | 05/30/2021 | |
| 7855 | 284676 | 0.000000 | 04/30/2021 | |
| 7855 | 283738 | 0.000000 | 03/31/2021 | |
| 7855 | 281524 | 0.000000 | 02/28/2021 | |
| 7855 | 278660 | 0.000000 | 01/31/2021 | |
| 7855 | 276656 | 1.000000 | 12/31/2020 | |
| 7855 | 275180 | 0.000000 | 11/30/2020 | |
| 7855 | 274222 | 0.000000 | 10/31/2020 | |
| 7855 | 271327 | 3.000000 | 09/30/2020 | |
| 7855 | 270726 | 6.000000 | 08/31/2020 | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| | | | | | 7855 | 266012 | 1.000000 | 07/31/2020 | | |
| | | | | | 7855 | 266011 | 3.000000 | 06/30/2020 | | |
| | | | | | 7855 | 266010 | 0.000000 | 05/31/2020 | | |
| | | | | | 7855 | 266009 | 3.000000 | 04/30/2020 | | |
| | | | | | 7855 | 259223 | 0.000000 | 03/31/2020 | | |
| | | | | | 7855 | 258053 | 0.000000 | 02/29/2020 | | |
| | | | | | 7855 | 256316 | 2.000000 | 01/31/2020 | | |
| | | | | | 7855 | 253714 | 1.000000 | 12/31/2019 | | |
| | | | | | 7855 | 253320 | 3.000000 | 11/30/2019 | | |
| | | | | | 7855 | 251616 | 3.000000 | 10/31/2019 | | |
| | | | | | 7855 | 250017 | 4.000000 | 09/30/2019 | | |
| | | | | | 7855 | 246571 | 0.000000 | 07/31/2019 | | |
| | | | | | 7855 | 245224 | 1.000000 | 07/01/2019 | | |
| | | | | | 7855 | 243889 | 4.000000 | 05/31/2019 | | |
| | | | | | 7855 | 242502 | 0.000000 | 04/30/2019 | | |
| | | | | | 7855 | 241243 | 2.000000 | 03/31/2019 | | |
| | | | | | 7855 | 239436 | 1.000000 | 02/28/2019 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| | | | | | 7855 | 237136 | 5.000000 | 11/30/2018 | | |
| | | | | | 7855 | 237135 | 1.000000 | 12/31/2018 | | |
| | | | | | 7855 | 237134 | 1.000000 | 01/31/2019 | | |
| | | | | | 7855 | 234118 | 2.000000 | 10/31/2018 | | |
| | | | | | 7855 | 232161 | 3.000000 | 09/30/2018 | | |
| | | | | | 7855 | 227192 | 3.000000 | 07/31/2018 | | |
| | | | | | 7855 | 227191 | 1.000000 | 08/31/2018 | | |
| | | | | | 7855 | 224728 | 4.000000 | 06/30/2018 | | |
| | | | | | 7855 | 223807 | 1.000000 | 05/31/2018 | | |
| | | | | | 7855 | 222294 | 0.000000 | 04/30/2018 | | |
| | | | | | 7855 | 220653 | 2.000000 | 03/31/2018 | | |
| | | | | | 7855 | 219280 | 3.000000 | 02/28/2018 | | |
| | | | | | 7855 | 217472 | 0.000000 | 01/31/2018 | | |
| | | | | | 7855 | 215704 | 0.000000 | 12/31/2017 | | |
| | | | | | 7855 | 214472 | 1.000000 | 11/30/2017 | | |
| | | | | | 7855 | 212822 | 1.000000 | 09/30/2017 | | |
| | | | | | 7855 | 212821 | 0.000000 | 10/31/2017 | | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| | | | | | 7855 | 193611 | 6.000000 | 05/31/2017 | | |
| | | | | | 7855 | 193610 | 0.000000 | 06/30/2017 | | |
| | | | | | 7855 | 193609 | 3.000000 | 07/31/2017 | | |
| | | | | | 7855 | 193608 | 2.000000 | 08/31/2017 | | |
| | | | | | 7855 | 188895 | 3.000000 | 03/31/2017 | | |
| | | | | | 7855 | 188894 | 1.000000 | 04/30/2017 | | |
| | | | | | 7855 | 184647 | 0.000000 | 02/28/2017 | | |
| | | | | | 7855 | 183233 | 2.000000 | 01/31/2017 | | |
| | | | | | 7855 | 180724 | 2.000000 | 12/31/2016 | | |
| | | | | | 7855 | 178906 | 2.000000 | 08/31/2016 | | |
| | | | | | 7855 | 178905 | 0.000000 | 09/30/2016 | | |
| | | | | | 7855 | 178904 | 1.000000 | 11/30/2016 | | |
| | | | | | 7855 | 176222 | 6.000000 | 10/31/2016 | | |
| | | | | | 7855 | 171030 | 0.000000 | 07/31/2016 | | |
| | | | | | 7855 | 170353 | 0.000000 | 06/30/2016 | | |
| | | | | | 7855 | 166618 | 1.000000 | 05/31/2016 | | |
| | | | | | 7855 | 165146 | 0.000000 | 04/30/2016 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|--|--------------------|
| | | | | | 7855 | 163784 | 1.000000 | 12/31/2015 | | |
| | | | | | 7855 | 162879 | 0.000000 | 01/31/2016 | | |
| | | | | | 7855 | 162878 | 5.000000 | 02/29/2016 | The target was not met because database server hardware problems impacted database operation; vendors could not identify a root cause but restarted service after two hard reboots | |
| | | | | | 7855 | 162877 | 0.000000 | 03/31/2016 | | |
| | | | | | 7855 | 155290 | 4.000000 | 07/31/2015 | The target was not met due to database software bugs not yet resolved by the vendor | |
| | | | | | 7855 | 155289 | 5.000000 | 08/31/2015 | The target was not met due to database software bugs not yet resolved by the vendor | |
| | | | | | 7855 | 155288 | 0.000000 | 09/30/2015 | | |
| | | | | | 7855 | 155287 | 5.000000 | 10/31/2015 | Additional events: (4) Vendor requested tape library service reset, and (5) Vendor firmware upgrade reboot caused unresponsive tape library drive | |
| | | | | | 7855 | 155286 | 2.000000 | 11/30/2015 | | |
| | | | | | 7855 | 145663 | 2.000000 | 06/30/2015 | | |
| | | | | | 7855 | 141623 | 0.000000 | 05/30/2015 | | |
| | | | | | 7855 | 137755 | 1.000000 | 04/30/2015 | | |
| | | | | | 7855 | 133015 | 8.000000 | 03/31/2015 | Excessive unplanned maintenance events were primarily due to the database issue until the patch | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|--|--------------------|
| | | | | | | | | | provided by the vendor was deployed into operations and 2 of the unplanned events occurred due to tape library maintenance at NCEI-NC. | |
| 7855 | | | | | 129333 | 11.000000 | 02/28/2015 | | Excessive unplanned maintenance events were primarily due to vendor failure to provide a database issue fix | |
| 7855 | | | | | 122965 | 3.000000 | 12/31/2014 | | | |
| 7855 | | | | | 122963 | 3.000000 | 01/31/2015 | | | |
| 7855 | | | | | 117127 | 5.000000 | 11/30/2014 | | 4 of the 5 unplanned maintenance events was due to external vendor database replication revision issues. | |
| 7855 | | | | | 113721 | 3.000000 | 10/31/2014 | | | |
| 7855 | | | | | 110059 | 4.000000 | 09/30/2014 | | Increase in unplanned maintenance events was due to continued vendor database and tape library software revision issues. | |
| 7855 | | | | | 104213 | 8.000000 | 06/30/2014 | | | |
| 7855 | | | | | 104211 | 5.000000 | 07/31/2014 | | | |
| 7855 | | | | | 104209 | 13.000000 | 08/31/2014 | | Increase in Unplanned Maintenance Events was due to the enterprise database replication external vendor software upgrade issues | |
| 7855 | | | | | 95435 | 0.000000 | 05/31/2014 | | | |
| 7855 | | | | | 92209 | 4.000000 | 04/30/2014 | | | |
| 7855 | | | | | 88757 | 3.000000 | 03/31/2014 | | | |
| | | | | | | | | | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--|-----------------|--|--|-------------|-------------|-----------------------|---------------------|---|--------------------|
| 6023 | Average delivery time of NPP Data Information Packages | Days | | | 7855 | 83531 | 3.000000 | 02/28/2014 | | |
| | | | | | 7855 | 80517 | 3.000000 | 01/31/2014 | | |
| | | | | | 7855 | 77409 | 2.000000 | 12/31/2013 | | |
| | | | | | 7855 | 73219 | 1.000000 | 11/30/2013 | | |
| | | | | | 7855 | 69513 | 1.000000 | 10/31/2013 | | |
| | | | | | | | Under target | Monthly | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | | | | | | |
| 6023 | 95443 | 1.000000 | 05/31/2014 | | | | | | | |
| 6023 | 92211 | 1.000000 | 04/30/2014 | | | | | | | |
| 6023 | 88755 | 1.000000 | 03/31/2014 | | | | | | | |
| 6023 | 83533 | 1.000000 | 02/28/2014 | | | | | | | |
| 6023 | 80519 | 1.000000 | 01/31/2014 | | | | | | | |
| 6023 | 77411 | 1.000000 | 12/31/2013 | | | | | | | |
| 6023 | 73217 | 1.000000 | 11/30/2013 | | | | | | | |
| 6023 | 69515 | 1.000000 | 10/31/2013 | | | | | | | |
| 6023 | 67665 | 1.000000 | 08/31/2013 | Average response time is less than 1 day | | | | | | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|--|-----------------|---|----------------------------|-------------|------------------|-----------------------|-----------------------|--|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| | | | | | 6023 | 67663 | 1.000000 | 09/30/2013 | Average response time is less than 1 day | |
| | | | | | 6023 | 61949 | 1.000000 | 07/31/2013 | Average response time is less than 1 day | |
| | | | | | 6023 | 59937 | 1.000000 | 06/30/2013 | Average response time is less than 1 day | |
| | | | | | 6023 | 58356 | 1.000000 | 05/31/2013 | Average response time is less than 1 day | |
| | | | | | 6023 | 55135 | 1.000000 | 04/30/2013 | Average response time is less than 1 day. | |
| | | | | | 6023 | 51503 | 1.000000 | 03/31/2013 | Average response time is less than 1 day. | |
| | | | | | 6023 | 47977 | 1.000000 | 02/28/2013 | Average response is less than 1 day. | |
| | | | | | 6023 | 44929 | 1.000000 | 01/31/2013 | Average response is less than 1 day. | |
| | | | | | 6023 | 37233 | 1.000000 | 11/30/2012 | Average response is less than 1 day | |
| | | | | | 6023 | 34093 | 1.000000 | 10/31/2012 | October 2012: Total orders containing NPP line items: 3743183; Total Number of days for processing: 5939 | |
| | | | | | 6023 | 34043 | 1.000000 | 10/31/2012 | October 2012: Total orders containing NPP line items: 3743183; Total Number of days for processing: 5939 | |
| 2077 | How often service desk responds to technical issues within 4 hours | Percentage | 1 - Customer Satisfaction (Process Results) | | | | Over target | Monthly | | No |
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | |
| | | | | | 2077 | 171032 | 100.000000 | 07/31/2016 | | |
| | | | | | 2077 | 170352 | 100.000000 | 06/30/2016 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| | | | | | 2077 | 166617 | 100.000000 | 05/31/2016 | | |
| | | | | | 2077 | 165145 | 100.000000 | 04/30/2016 | | |
| | | | | | 2077 | 163786 | 100.000000 | 12/31/2015 | | |
| | | | | | 2077 | 162876 | 100.000000 | 01/31/2016 | | |
| | | | | | 2077 | 162875 | 100.000000 | 02/29/2016 | | |
| | | | | | 2077 | 162874 | 100.000000 | 03/31/2016 | | |
| | | | | | 2077 | 155285 | 100.000000 | 07/31/2015 | | |
| | | | | | 2077 | 155284 | 100.000000 | 08/31/2015 | | |
| | | | | | 2077 | 155283 | 100.000000 | 09/30/2015 | | |
| | | | | | 2077 | 155282 | 100.000000 | 10/31/2015 | | |
| | | | | | 2077 | 155281 | 100.000000 | 11/30/2015 | | |
| | | | | | 2077 | 145657 | 100.000000 | 06/30/2015 | | |
| | | | | | 2077 | 141617 | 100.000000 | 05/30/2015 | | |
| | | | | | 2077 | 137757 | 100.000000 | 04/30/2015 | | |
| | | | | | 2077 | 133013 | 100.000000 | 03/31/2015 | | |
| | | | | | 2077 | 129337 | 100.000000 | 02/28/2015 | | |
| | | | | | 2077 | 122981 | 100.000000 | 12/31/2014 | | |

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--------------------|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| | | | | | 2077 | 122979 | 100.000000 | 01/31/2015 | | |
| | | | | | 2077 | 117131 | 100.000000 | 11/30/2014 | | |
| | | | | | 2077 | 113719 | 100.000000 | 10/31/2014 | | |
| | | | | | 2077 | 110057 | 100.000000 | 09/30/2014 | | |
| | | | | | 2077 | 104207 | 100.000000 | 06/30/2014 | | |
| | | | | | 2077 | 104205 | 100.000000 | 07/31/2014 | | |
| | | | | | 2077 | 104203 | 100.000000 | 08/31/2014 | | |
| | | | | | 2077 | 95445 | 100.000000 | 05/31/2014 | | |
| | | | | | 2077 | 92219 | 100.000000 | 04/30/2014 | | |
| | | | | | 2077 | 88753 | 100.000000 | 03/31/2014 | | |
| | | | | | 2077 | 83537 | 100.000000 | 02/28/2014 | | |
| | | | | | 2077 | 80515 | 100.000000 | 01/31/2014 | | |
| | | | | | 2077 | 77413 | 100.000000 | 12/31/2013 | | |
| | | | | | 2077 | 73215 | 100.000000 | 11/30/2013 | | |
| | | | | | 2077 | 69517 | 100.000000 | 10/31/2013 | | |
| | | | | | 2077 | 67673 | 100.000000 | 08/31/2013 | | |
| | | | | | 2077 | 67671 | 100.000000 | 09/30/2013 | | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|--------------------------------------|--|--|----------------------------|-------------|-------------|-----------------------|---------------------|---|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| 2076 | Communication Network Infrastructure | Communication network bandwidth (Mb/sec) | | | 2077 | 61948 | 100.000000 | 07/31/2013 | | |
| | | | | | 2077 | 59936 | 100.000000 | 06/30/2013 | | |
| | | | | | 2077 | 58355 | 100.000000 | 05/31/2013 | | |
| | | | | | 2077 | 55143 | 100.000000 | 04/30/2013 | | |
| | | | | | 2077 | 51499 | 100.000000 | 03/31/2013 | | |
| | | | | | 2077 | 47975 | 100.000000 | 02/28/2013 | | |
| | | | | | 2077 | 44937 | 100.000000 | 01/31/2013 | | |
| | | | | | 2077 | 40625 | 100.000000 | 12/31/2012 | | |
| | | | | | 2077 | 37231 | 100.000000 | 11/30/2012 | | |
| | | | | | 2077 | 34091 | 100.000000 | 10/31/2012 | | |
| | | | | | 2077 | 34041 | 100.000000 | 10/31/2012 | | |
| | | | | | 2077 | 27735 | 100.000000 | 09/30/2012 | | |
| | | | | | 2077 | 5325 | 100.000000 | | Target is to respond and adress technical issues within 4 hours of notification. Target and Actuals are reported in percentage of responses within 4 hours. | |
| | | | | | | | Over target | Monthly | | |

| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment |
|-----------|------------------|---------------|-----------------------|---|
| 2076 | 67681 | 816.500000 | 08/31/2013 | 816.5 Mbps avg & 1286 Mbps max |
| 2076 | 67679 | 796.000000 | 09/30/2013 | 796 Mbps avg (800 target) & 1605 Mbps max |
| 2076 | 61951 | 811.000000 | 07/31/2013 | 811 Mbps avg & 1638 Mbps max |
| 2076 | 59934 | 811.400000 | 06/30/2013 | 811.39 Mbps avg & 1155 Mbps max |
| 2076 | 58359 | 808.400000 | 05/31/2013 | 808.37 Mbps avg & 1158 Mbps max |
| 2076 | 55141 | 807.500000 | 04/30/2013 | 807.53 Mbps avg & 1395 Mbps max |
| 2076 | 51501 | 790.800000 | 03/31/2013 | 790.77 Mbps avg & 1151 Mbps max |
| 2076 | 47971 | 787.800000 | 02/28/2013 | |
| 2076 | 44931 | 787.800000 | 01/31/2013 | |
| 2076 | 40621 | 777.000000 | 12/31/2012 | |
| 2076 | 37229 | 801.550000 | 11/30/2012 | |
| 2076 | 34089 | 826.000000 | 10/31/2012 | |
| 2076 | 34039 | 826.000000 | 10/31/2012 | |
| 2076 | 27733 | 716.000000 | 09/30/2012 | |
| 2076 | 22875 | 889.000000 | | Sustained monthly average data transfer rates expressed in M/bits per second. CLASS has fully migrated to NWave as of this month. |
| 2076 | 21259 | 651.700000 | | Sustained monthly average data transfer rates expressed in M/bits per second. CLASS has fully migrated to NWave as of this month. |
| 2076 | 17957 | 930.000000 | | Sustained monthly average data transfer rates expressed in M/bits |

| | | | | | per second. CLASS has fully migrated to NWave as of this month. | | | | | |
|------|---------------------------|--|------------------------------------|-----------|---|------------------|---------------|-----------------------|---|----|
| | | | | | 2076 | 13667 | 834.000000 | | Sustained monthly average data transfer rates expressed in M/bits per second. CLASS has fully migrated to NWave as of this month. | |
| | | | | | 2076 | 979 | 820.000000 | | Sustained monthly average data transfer rates expressed in M/bits per second. CLASS has fully migrated to NWave as of this month. | |
| 2075 | Operational effectiveness | Operational Availability (Percentage of up-time) | 2 - Strategic and Business Results | 95.000000 | 95.000000 | 95.000000 | Over target | Monthly | 006SO18034 : Provide Accurate Data to Support Economic Activity | No |
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | |
| | | | | | 2075 | 287696 | 99.390000 | 06/30/2021 | | |
| | | | | | 2075 | 287695 | 99.130000 | 05/31/2021 | | |
| | | | | | 2075 | 284677 | 99.140000 | 04/30/2021 | | |
| | | | | | 2075 | 283739 | 98.900000 | 03/31/2021 | | |
| | | | | | 2075 | 281525 | 100.000000 | 02/28/2021 | | |
| | | | | | 2075 | 278661 | 99.730000 | 01/31/2021 | | |
| | | | | | 2075 | 276657 | 95.500000 | 12/31/2020 | | |
| | | | | | 2075 | 275181 | 100.000000 | 11/30/2020 | | |
| | | | | | 2075 | 274223 | 99.980000 | 10/31/2020 | | |
| | | | | | 2075 | 271328 | 100.000000 | 09/30/2020 | | |
| | | | | | 2075 | 270727 | 100.000000 | 08/31/2020 | | |
| | | | | | 2075 | 266016 | 100.000000 | 07/31/2020 | | |

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|------|--------|------------|------------|--|
| 2075 | 266015 | 100.000000 | 06/30/2020 | |
| 2075 | 266014 | 100.000000 | 05/31/2020 | |
| 2075 | 266013 | 100.000000 | 04/30/2020 | |
| 2075 | 259222 | 100.000000 | 03/31/2020 | |
| 2075 | 258052 | 100.000000 | 02/29/2020 | |
| 2075 | 256315 | 100.000000 | 01/31/2020 | |
| 2075 | 253713 | 100.000000 | 12/31/2019 | |
| 2075 | 253319 | 100.000000 | 11/30/2019 | |
| 2075 | 251615 | 100.000000 | 10/31/2019 | |
| 2075 | 250016 | 100.000000 | 09/30/2019 | |
| 2075 | 246570 | 100.000000 | 07/31/2019 | |
| 2075 | 245223 | 100.000000 | 07/01/2019 | |
| 2075 | 243888 | 100.000000 | 05/31/2019 | |
| 2075 | 242501 | 100.000000 | 04/30/2019 | |
| 2075 | 241242 | 100.000000 | 03/31/2019 | |
| 2075 | 239435 | 100.000000 | 02/28/2019 | |
| 2075 | 237133 | 100.000000 | 11/30/2018 | |
| 2075 | 237132 | 100.000000 | 12/31/2018 | |
| 2075 | 237131 | 100.000000 | 01/31/2019 | |

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|------|--------|------------|------------|--|
| 2075 | 234117 | 100.000000 | 10/31/2018 | |
| 2075 | 232160 | 100.000000 | 09/30/2018 | |
| 2075 | 227190 | 99.700000 | 07/31/2018 | |
| 2075 | 227189 | 100.000000 | 08/31/2018 | |
| 2075 | 224727 | 100.000000 | 06/30/2018 | |
| 2075 | 223806 | 100.000000 | 05/31/2018 | |
| 2075 | 222293 | 100.000000 | 04/30/2018 | |
| 2075 | 220652 | 100.000000 | 03/31/2018 | |
| 2075 | 219279 | 100.000000 | 02/28/2018 | |
| 2075 | 217471 | 100.000000 | 01/31/2018 | |
| 2075 | 215703 | 100.000000 | 12/31/2017 | |
| 2075 | 214471 | 100.000000 | 11/30/2017 | |
| 2075 | 212820 | 100.000000 | 09/30/2017 | |
| 2075 | 212819 | 100.000000 | 10/31/2017 | |
| 2075 | 193607 | 100.000000 | 05/31/2017 | |
| 2075 | 193606 | 100.000000 | 06/30/2017 | |
| 2075 | 193605 | 100.000000 | 07/31/2017 | |
| 2075 | 193604 | 100.000000 | 08/31/2017 | |
| 2075 | 188893 | 100.000000 | 03/31/2017 | |

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|------|--------|------------|------------|--|
| 2075 | 188892 | 100.000000 | 04/30/2017 | |
| 2075 | 184646 | 100.000000 | 02/28/2017 | |
| 2075 | 183232 | 100.000000 | 01/31/2017 | |
| 2075 | 180723 | 100.000000 | 12/31/2016 | |
| 2075 | 178903 | 100.000000 | 08/31/2016 | |
| 2075 | 178902 | 100.000000 | 09/30/2016 | |
| 2075 | 178901 | 100.000000 | 11/30/2016 | |
| 2075 | 176221 | 100.000000 | 10/31/2016 | |
| 2075 | 171031 | 100.000000 | 07/31/2016 | |
| 2075 | 170351 | 100.000000 | 06/30/2016 | |
| 2075 | 166619 | 100.000000 | 05/31/2016 | |
| 2075 | 165144 | 100.000000 | 04/30/2016 | |
| 2075 | 163783 | 100.000000 | 12/31/2015 | |
| 2075 | 162873 | 100.000000 | 01/31/2016 | |
| 2075 | 162872 | 99.410000 | 02/29/2016 | |
| 2075 | 162871 | 100.000000 | 03/31/2016 | |
| 2075 | 155280 | 100.000000 | 07/31/2015 | |
| 2075 | 155279 | 100.000000 | 08/31/2015 | |
| 2075 | 155278 | 100.000000 | 09/30/2015 | |

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|------|--------|------------|------------|---|
| 2075 | 155277 | 98.980000 | 10/31/2015 | |
| 2075 | 155276 | 100.000000 | 11/30/2015 | |
| 2075 | 145659 | 100.000000 | 06/30/2015 | |
| 2075 | 141619 | 100.000000 | 05/30/2015 | |
| 2075 | 137759 | 100.000000 | 04/30/2015 | |
| 2075 | 133011 | 100.000000 | 03/31/2015 | |
| 2075 | 129335 | 100.000000 | 02/28/2015 | |
| 2075 | 122977 | 100.000000 | 12/31/2014 | |
| 2075 | 122975 | 100.000000 | 01/31/2015 | |
| 2075 | 117133 | 100.000000 | 11/30/2014 | |
| 2075 | 113717 | 99.410000 | 10/31/2014 | |
| 2075 | 110055 | 100.000000 | 09/30/2014 | |
| 2075 | 104201 | 100.000000 | 06/30/2014 | |
| 2075 | 104199 | 100.000000 | 07/31/2014 | |
| 2075 | 104197 | 97.590000 | 08/31/2014 | Decreased availability was due to the enterprise database replication external vendor software upgrade issues |
| 2075 | 95439 | 100.000000 | 05/31/2014 | |
| 2075 | 92215 | 100.000000 | 04/30/2014 | |
| 2075 | 88751 | 100.000000 | 03/31/2014 | |
| 2075 | 83527 | 100.000000 | 02/28/2014 | |

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|------|-------|------------|------------|--|
| 2075 | 80521 | 100.000000 | 01/31/2014 | |
| 2075 | 77415 | 100.000000 | 12/31/2013 | |
| 2075 | 73213 | 100.000000 | 11/30/2013 | |
| 2075 | 69519 | 100.000000 | 10/31/2013 | |
| 2075 | 67669 | 100.000000 | 08/31/2013 | |
| 2075 | 67667 | 100.000000 | 09/30/2013 | |
| 2075 | 61947 | 100.000000 | 07/31/2013 | |
| 2075 | 59932 | 100.000000 | 06/30/2013 | |
| 2075 | 58358 | 100.000000 | 05/31/2013 | |
| 2075 | 55137 | 100.000000 | 04/30/2013 | |
| 2075 | 51493 | 100.000000 | 03/31/2013 | |
| 2075 | 47967 | 100.000000 | 02/28/2013 | |
| 2075 | 44927 | 100.000000 | 01/31/2013 | |
| 2075 | 40619 | 100.000000 | 12/31/2012 | |
| 2075 | 37227 | 100.000000 | 11/30/2012 | |
| 2075 | 34037 | 100.000000 | 10/31/2012 | |
| 2075 | 27731 | 100.000000 | 09/30/2012 | |

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|------|---|--|------------------------------------|-----------|----------|-----------|-------------|---------|---|----|
| 2074 | Availability of new environmental data in the CLASS archive | New data files in the archive catalog(in Millions) | 2 - Strategic and Business Results | 11.000000 | 9.000000 | 11.000000 | Over target | Monthly | 006SO18034 : Provide Accurate Data to Support Economic Activity | No |
|------|---|--|------------------------------------|-----------|----------|-----------|-------------|---------|---|----|

| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment |
|-----------|------------------|---------------|-----------------------|---|
| 2074 | 287698 | 13.520000 | 06/30/2021 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 287697 | 13.600000 | 05/31/2021 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 284678 | 12.790000 | 04/30/2021 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 283740 | 13.600000 | 03/31/2021 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 281526 | 12.190000 | 02/28/2021 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 276658 | 13.500000 | 12/31/2020 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 275182 | 13.130000 | 11/30/2020 | Significantly exceeded the 11M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 274224 | 13.190000 | 10/31/2020 | Significantly exceeded the 9M files |

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|------|--------|-----------|------------|--|
| | | | | target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 271329 | 13.070000 | 09/30/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 270728 | 13.080000 | 08/31/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 266020 | 13.440000 | 07/31/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 266019 | 14.060000 | 06/30/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 266018 | 14.090000 | 05/31/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 266017 | 14.050000 | 04/30/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 259221 | 14.050000 | 03/31/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |

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|------|--------|-----------|------------|--|
| | | | | data is available. |
| 2074 | 258051 | 14.100000 | 02/29/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 256314 | 14.100000 | 01/31/2020 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 253712 | 14.500000 | 12/31/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 253318 | 14.400000 | 11/30/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 251614 | 13.450000 | 10/31/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 250015 | 13.740000 | 09/30/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 246569 | 14.360000 | 07/31/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 245222 | 13.900000 | 07/01/2019 | Significantly exceeded the 9M files target, due to an increase satellite |

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|------|--------|-----------|------------|--|
| | | | | campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 243887 | 14.400000 | 05/31/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 242500 | 13.200000 | 04/30/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 241241 | 14.200000 | 03/31/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 239434 | 13.200000 | 02/28/2019 | Significantly exceeded the 9M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 237130 | 10.200000 | 11/30/2018 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17 and NOAA20. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 237129 | 13.800000 | 12/31/2018 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17, an extra day in the month and additional data via common submission (CS). Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 237128 | 13.900000 | 01/31/2019 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17. Impact to the program |

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|------|--------|-----------|------------|---|
| | | | | and customers is beneficial, as more data is available. |
| 2074 | 234116 | 12.400000 | 10/31/2018 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17 and NOAA20. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 232159 | 12.800000 | 09/30/2018 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17 and NOAA20. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 227188 | 12.700000 | 07/31/2018 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17 and NOAA20. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 227187 | 12.000000 | 08/31/2018 | Significantly exceeded the 7M files target, due to an increase satellite campaigns including GOES-16, GOES-17 and NOAA20. Impact to the program and customers is beneficial, as more data is available. |
| 2074 | 224726 | 9.400000 | 06/30/2018 | |
| 2074 | 223805 | 10.200000 | 05/31/2018 | |
| 2074 | 222292 | 9.300000 | 04/30/2018 | |
| 2074 | 220651 | 8.700000 | 03/31/2018 | |
| 2074 | 219278 | 8.700000 | 02/28/2018 | |
| 2074 | 217470 | 8.900000 | 01/31/2018 | |
| 2074 | 215702 | 6.000000 | 12/31/2017 | Lower than planned/expected number of files were submitted by Common Submission from NCEI-NC, resulting in the target shortfall. Number of files ingested at the |

receipt nodes from Satellites was nominal. CLASS will review the target and adjust if necessary.

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|------|--------|----------|------------|--|
| 2074 | 214470 | 7.600000 | 11/30/2017 | |
| 2074 | 212818 | 7.200000 | 09/30/2017 | |
| 2074 | 212817 | 8.600000 | 10/31/2017 | |
| 2074 | 193603 | 6.600000 | 05/31/2017 | |
| 2074 | 193602 | 7.000000 | 06/30/2017 | |
| 2074 | 193601 | 7.800000 | 07/31/2017 | |
| 2074 | 193600 | 7.600000 | 08/31/2017 | |
| 2074 | 188891 | 7.330000 | 03/31/2017 | |
| 2074 | 188890 | 6.600000 | 04/30/2017 | |
| 2074 | 184645 | 6.350000 | 02/28/2017 | |
| 2074 | 183231 | 4.480000 | 01/31/2017 | |
| 2074 | 180722 | 2.740000 | 12/31/2016 | |
| 2074 | 178900 | 2.820000 | 08/31/2016 | |
| 2074 | 178899 | 2.680000 | 09/30/2016 | |
| 2074 | 178898 | 2.540000 | 11/30/2016 | |
| 2074 | 176220 | 3.040000 | 10/31/2016 | |
| 2074 | 171029 | 2.900000 | 07/31/2016 | |
| 2074 | 170350 | 2.600000 | 06/30/2016 | |

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|------|--------|----------|------------|---|
| 2074 | 166616 | 2.700000 | 05/31/2016 | |
| 2074 | 165143 | 2.500000 | 04/30/2016 | |
| 2074 | 163785 | 2.600000 | 12/31/2015 | |
| 2074 | 162870 | 2.600000 | 01/31/2016 | |
| 2074 | 162869 | 2.400000 | 02/29/2016 | |
| 2074 | 162868 | 2.800000 | 03/31/2016 | |
| 2074 | 155275 | 2.390000 | 07/31/2015 | |
| 2074 | 155274 | 2.270000 | 08/31/2015 | |
| 2074 | 155273 | 2.200000 | 09/30/2015 | |
| 2074 | 155272 | 2.400000 | 10/31/2015 | |
| 2074 | 155271 | 2.300000 | 11/30/2015 | |
| 2074 | 145661 | 2.320000 | 06/30/2015 | The target was exceeded due to more users requesting ad hoc bulk orders through the CLASS web site. |
| 2074 | 141621 | 2.400000 | 05/30/2015 | The target was exceeded due to more users requesting ad hoc bulk orders through the CLASS web site. |
| 2074 | 137761 | 2.270000 | 04/30/2015 | The target was exceeded due to increased data from NCEI. |
| 2074 | 133009 | 2.410000 | 03/31/2015 | The target was exceeded due to increased data from NCEI. |
| 2074 | 129331 | 1.930000 | 02/28/2015 | |
| 2074 | 122973 | 2.400000 | 12/31/2014 | |
| 2074 | 122971 | 2.700000 | 01/31/2015 | |
| 2074 | 117135 | 2.200000 | 11/30/2014 | |

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|------|--------|----------|------------|--|
| 2074 | 113715 | 2.300000 | 10/31/2014 | |
| 2074 | 110053 | 2.300000 | 09/30/2014 | Decreased availability was due to the external discontinuation of CrIMSS product CLASS ingest on 9/8/14. |
| 2074 | 104195 | 2.900000 | 06/30/2014 | |
| 2074 | 104193 | 3.000000 | 07/31/2014 | |
| 2074 | 104191 | 3.000000 | 08/31/2014 | |
| 2074 | 95437 | 3.000000 | 05/31/2014 | |
| 2074 | 92217 | 2.800000 | 04/30/2014 | |
| 2074 | 88749 | 2.700000 | 03/31/2014 | |
| 2074 | 83529 | 2.380000 | 02/28/2014 | The target of 2.7 was not met due to fewer days in the month. |
| 2074 | 80523 | 2.720000 | 01/31/2014 | |
| 2074 | 77417 | 3.050000 | 12/31/2013 | |
| 2074 | 73211 | 3.000000 | 11/30/2013 | |
| 2074 | 69521 | 2.334000 | 10/31/2013 | |
| 2074 | 67677 | 2.890000 | 08/31/2013 | |
| 2074 | 67675 | 2.524000 | 09/30/2013 | |
| 2074 | 61952 | 2.608000 | 07/31/2013 | |
| 2074 | 59933 | 2.603000 | 06/30/2013 | |
| 2074 | 58360 | 2.976000 | 05/31/2013 | |

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|------|---|----------|------------------------------------|--|-----------|------------------|---------------|-----------------------|---|
| | | | | | 2074 | 55139 | 2.595000 | 04/30/2013 | |
| | | | | | 2074 | 51495 | 4.035000 | 03/31/2013 | |
| | | | | | 2074 | 47973 | 3.908000 | 02/28/2013 | |
| | | | | | 2074 | 44935 | 3.974000 | 01/31/2013 | |
| | | | | | 2074 | 40623 | 2.830000 | 12/31/2012 | |
| | | | | | 2074 | 37225 | 2.500000 | 11/30/2012 | |
| | | | | | 2074 | 34035 | 2.620000 | 10/31/2012 | |
| | | | | | 2074 | 27729 | 2.512000 | 09/30/2012 | |
| 2073 | Number of environmental data files delivered to customers | Millions | 2 - Strategic and Business Results | | | | Over target | Monthly | Yes |
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment |
| | | | | | 2073 | 155270 | 16.000000 | 07/31/2015 | |
| | | | | | 2073 | 155269 | 7.930000 | 08/31/2015 | The target was not met due to reduced customer requests during August, and was also reflected in reduced total data volume delivered. |
| | | | | | 2073 | 155268 | 12.800000 | 09/30/2015 | |
| | | | | | 2073 | 145665 | 11.240000 | 06/30/2015 | The target was exceeded due to NCEI Data Centers sending Common Submission data to CLASS for ingest. |
| | | | | | 2073 | 141615 | 16.500000 | 05/30/2015 | The target was exceeded due to NCEI-MD sending Common Submission data to CLASS-CO for ingest. |
| | | | | | 2073 | 137753 | 10.010000 | 04/30/2015 | The target was exceeded due to |

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|------|--------|-----------|------------|---|
| | | | | increased customer requests during April. |
| 2073 | 133007 | 7.310000 | 03/31/2015 | The target was not met due to reduced customer requests during March. |
| 2073 | 129339 | 8.190000 | 02/28/2015 | |
| 2073 | 122969 | 20.400000 | 12/31/2014 | The large number of files was due to the type of data files ordered by customers |
| 2073 | 122967 | 8.300000 | 01/31/2015 | |
| 2073 | 117129 | 8.210000 | 11/30/2014 | |
| 2073 | 113713 | 6.480000 | 10/31/2014 | |
| 2073 | 110051 | 8.430000 | 09/30/2014 | |
| 2073 | 104189 | 13.700000 | 06/30/2014 | |
| 2073 | 104187 | 14.500000 | 07/31/2014 | |
| 2073 | 104185 | 6.180000 | 08/31/2014 | Decreased volume is due to the seasonally-variable ordering pattern of the user community |
| 2073 | 95441 | 8.000000 | 05/31/2014 | |
| 2073 | 92213 | 8.000000 | 04/30/2014 | |
| 2073 | 88747 | 8.100000 | 03/31/2014 | |
| 2073 | 83535 | 4.730000 | 02/28/2014 | The target of 6.75 was not met due to the ordering pattern of the user community. |
| 2073 | 80513 | 6.650000 | 01/31/2014 | |
| 2073 | 77419 | 8.950000 | 12/31/2013 | |
| 2073 | 73209 | 8.200000 | 11/30/2013 | |

| | | | | |
|------|-------|-----------|------------|--|
| 2073 | 69523 | 8.144000 | 10/31/2013 | |
| 2073 | 67685 | 7.802000 | 08/31/2013 | |
| 2073 | 67683 | 10.674000 | 09/30/2013 | |
| 2073 | 61950 | 7.420000 | 07/31/2013 | |
| 2073 | 59935 | 7.209000 | 06/30/2013 | |
| 2073 | 58357 | 10.339000 | 05/31/2013 | This metric is exceeded due to an increase in NPP data files. |
| 2073 | 55145 | 5.152000 | 04/30/2013 | The reduced number of files delivered was due to GCOM-W satellite going off-line and the anticipated number of files were not received. The system is back on-line and this metric should be met next month. |
| 2073 | 51497 | 8.307000 | 03/31/2013 | |
| 2073 | 47969 | 7.759000 | 02/28/2013 | |
| 2073 | 44933 | 8.576000 | 01/31/2013 | |
| 2073 | 40617 | 8.369000 | 12/31/2012 | |
| 2073 | 37223 | 7.792000 | 11/30/2012 | |
| 2073 | 34083 | 2.622000 | 10/31/2012 | |
| 2073 | 34033 | 2.622000 | 10/31/2012 | |
| 2073 | 27727 | 8.860000 | 09/30/2012 | |
| 2073 | 22871 | 7.766000 | | Monthly Target and actual results are in millions of files. NPP and Climate Model data are major drivers for this month |
| 2073 | 21255 | 6.240000 | | Monthly Target and actual results |

| | | | | |
|------|-------|----------|--|---|
| | | | | are in millions of files. NPP and Climate Model data are major drivers for this month |
| 2073 | 17953 | 6.925000 | | Monthly Target and actual results are in millions of files. NPP and Climate Model data are major drivers for this month |
| 2073 | 13665 | 6.891000 | | Monthly Target and actual results are in millions of files. NPP and Climate Model data are major drivers for this month |
| 2073 | 975 | 5.540000 | | Monthly Target and actual results are in millions of files. NPP and Climate Model data are major drivers for this month |