# COLSA

Contract # NAS8-01121

Evaluation Report #14

Report Period: 12/01/04 - 2/28/05

March 14, 2005

I. COLSA Self Evaluation

II. NASA Technical Standards (1.4)

III. Technology Transfer (1.5)

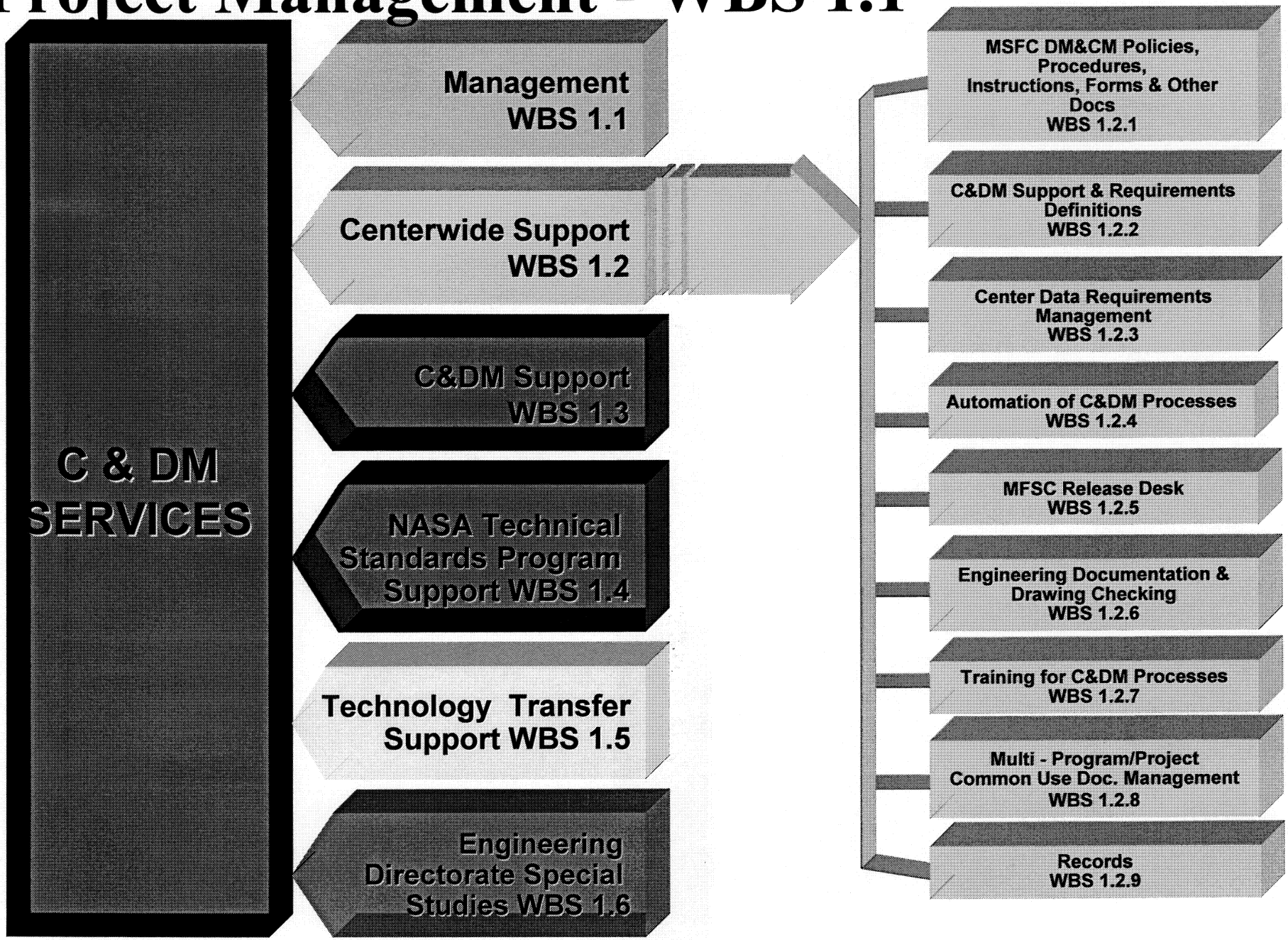
IV. Centerwide Project Support (1.2)

V. Program/Project CDM Support (1.3)

- a. Engineering Directorate
- b. Space Systems Programs/Projects Office
- c. Space Transportation Programs/Projects Office

VI. Comments

# Project Management - WBS 1.1



# Project Management - WBS 1.1

- **Contract Data Procurement Documents and Related Data**
  - Submittal of the Monthly Contractor Financial Management Report (533M): 12/15/04, 1/14/05, 2/15/05.
  - Submittal of the Monthly Business Report : 12/15/04, 1/14/05, 2/15/05
  - Submittal of the Mishap & Safety Statistics Report: 12/10/04, 1/10/05, 2/10/05.
  - Thirteenth Submittal of the Quarterly Progress Report: 12/14/04.
  - Thirteenth Submittal of the Onsite Employee Listing: 1/14/05.
  - Submittal of the Safety Performance Self-Evaluation: 12/10/04.

# Project Management - WBS 1.1

- ***Contract Data Procurement Documents and Related Data***
  - Contract Modification 39 provided incremental funding.
  - Contract Modification 40 reflected a decrease in the Potential Core Incentive Fee and Potential IDIQ Incentive Fee for the fourth evaluation quarter of Option Year 2; An increase in Earned Fee for the fourth evaluation quarter of Option Year 2; It incorporated revised Task Orders, thereby increasing Estimated IDIQ Cost, Potential IDIQ Incentive Fee and Total Contract Value for Option Year 3; and it provided incremental funding.
  - Contract Modification 41 provided Incremental funding.

# Project Management - WBS 1.1

- **Location of COLSA Team**
  - COLSA Team Members are located in the following buildings: 4201, 4203, 4481, 4487, 4610, 4656, 4666, 4732
- **Employee Recognition**
  - (b)(4) Employee Of the Month – December
  - (b)(4) Employee Of the Month – January
  - (b)(4) – Employee of the Month – February

# Project Management - WBS 1.1

- **Employee Safety Statistics**
  - Total of 15 safety walk-throughs completed (5 per month)
  - Three safety meetings conducted (1 per month)
  - An average of 75.6% of employees attended a Safety Meeting each month.
  - 0 Lost Time Incidents

# *Contractor's Quarterly Self Assessment of Performance*

| Contract Requirement | Standards of Performance | Acceptable Quality Level | Performance |
|---|---|---|---|
| **WBS 1.1 Management** | **Contract Administration** | Timely Delivery of DRD's | 12 of 12 DRD's delivered on time |
| | **Staffing** | Timely staffing of positions | No Vacancies |
| | **Technical Management** | 2 weeks after identification of a technical issue provide corrective action plan | No Technical Issues |
| **WBS 1.2 Centerwide Support** | **Compliance with the MSFC Directive System** | 2 QSDN's<br>2 Audit findings (internal / external)<br>0 NCR's / RCAR's | 0 QSDN's<br>0 Audit findings<br>0 NCR's / RCAR's |
| | **Institutional Milestones** | Meet scheduled Milestones | 2 of 2 scheduled milestones met. |

# *Contractor's Quarterly Self Assessment of Performance*

| Contract Requirement | Standards of Performance | Acceptable Quality Level | Performance |
|---|---|---|---|
| **WBS 1.3 C&DM Support to Product Line Directorates, Program and Projects** | **Compliance with the MSFC Directive System** | 2 QSDN's<br><br>2 Audit findings (internal / external)<br>0 NCR's / RCAR's | 0 QSDN's<br><br>0 Audit findings<br><br>0 NCR's / RCAR's |
| | **Program / Project Milestones** | Meet scheduled Milestones | 14 of 14 Milestones were met as scheduled. 3 were slipped into the following Quarters, and 1 was cancelled with COTR's approval. |

# *Contractor's Quarterly Self Assessment of Performance*

| Contract Requirement | Standards of Performance | Acceptable Quality Level | Performance |
|---|---|---|---|
| WBS 1.4 NASA Specification and Standards Program | Update / format 2 NASA Technical Standard's products | | Met Program Schedule in a timely manner |
| | 3 times a year validate the non-Government Voluntary Consensus Standard's listing | | Met Program Schedule in a timely manner |
| | Provide review / technical assessment 3 tasks per quarter | | Met Program Schedule in a timely manner |

# *Contractor's Quarterly Self Assessment of Performance*

| Contract Requirement | Standards of Performance | Acceptable Quality Level | Performance |
|---|---|---|---|
| **WBS 1.5 Technology Transfer Program** | **Support the development of SBIR / STTR and Technology progress report** | Meet milestones as defined by CD30 | 1of 1 milestone was cancelled with COTR's approval. |
| | **TechTracs quarterly reports** | | Met Program Schedule in a timely manner |
| | **Support the NASA Technology Inventory reports to HQ** | | Met Program Schedule in a timely manner |

# Directorate/Project Support/NASA Technical Standards – WBS 1.4 Activities

- There are 729 performance and 346 acquisition documents pending adoption at the end of this period. Sixty-one (61) performance documents were sent to the NTSWG members for review and endorsement in June, 2004. These are included in the 729 above. Three out of the 10 Centers have responded with endorsement of these 71 documents.
- 51 SUNS documents were screened and 39 accepted for addition to the NASA Tech Standards pending adoption database during this reporting period.
- Out of 800 OSP Lessons Learned, 174 were assigned to 43 NASA Preferred Standards. These Lessons Learned will be displayed on the summary page for the particular standard on the NASA Tech Standards Full-Text search system.

# Directorate/Project Support/NASA Technical Standards – WBS 1.4 Activities

- Presented two technical papers at the January 2005 meeting of the AIAA Aerospace Science Meeting in Reno Nevada. The subjects were Lessons Learned and Systems Engineering as related to the Technical Standards area.
- Provided supporting inputs to the Standards Program Manager and staff on actions related to the development and implementation of NASA's Technical Authority and Technical Warrant Holder initiative – reference NPD 1240.4 and NPR 1240.1.
- Collaborated with the Standards Program Manager in the preparation of responses to inquiries and actions from various Centers, NASA HQ's, and non-NASA groups.

# Technology Transfer Support-WBS 1.5

## Milestones Completed During Reporting Period & Milestones Projected for Next Quarter

| Task Support | Milestone | Scheduled/Completion Date | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dec | Jan | Feb | Mar | Apr | May |
| | NONE | | | | | | |

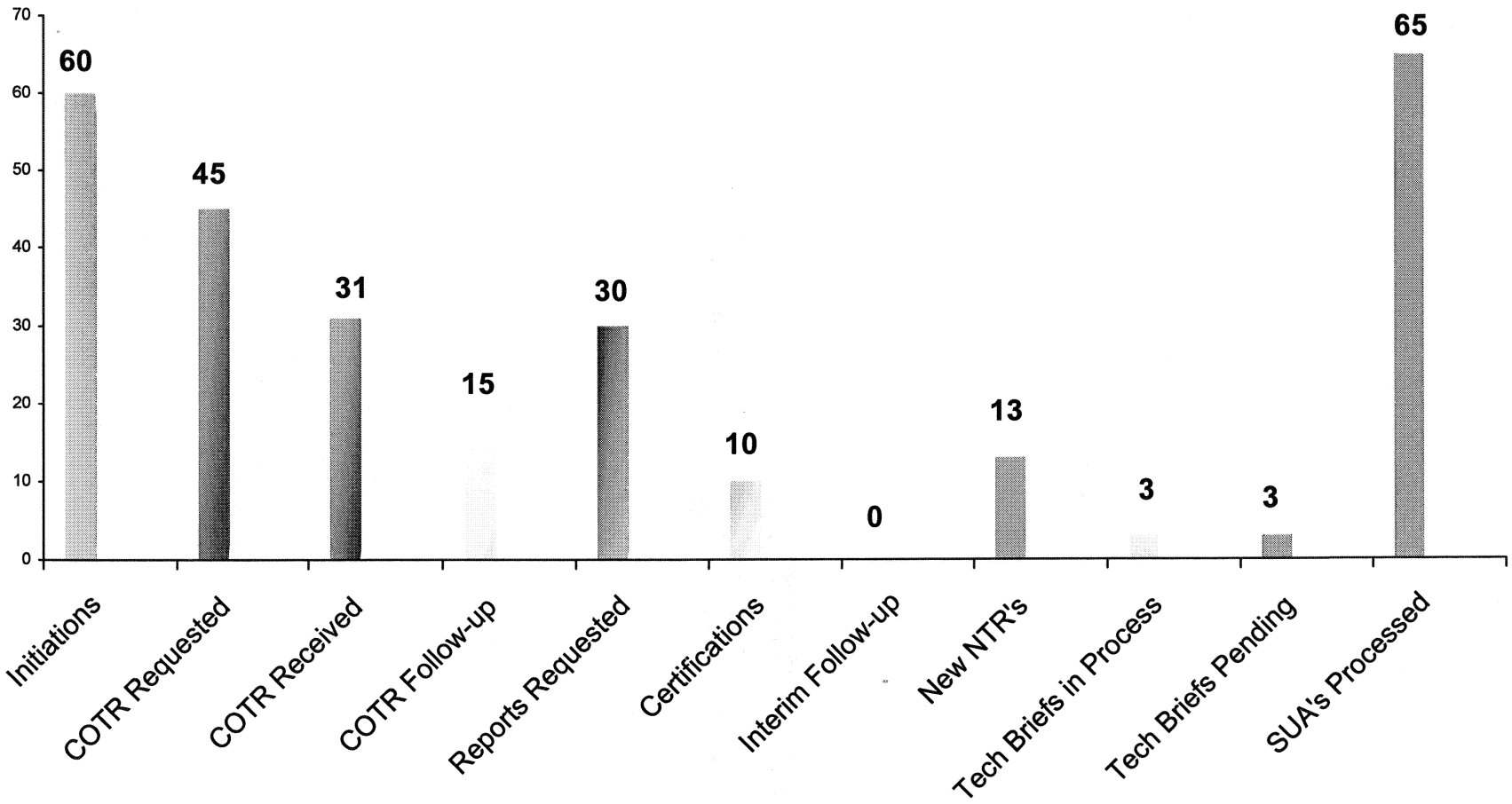
☑ Completed Milestone

✦ Incomplete Milestone

☑ Completed Ahead Of Schedule Milestone

◈ Next Quarter Milestone

# *Technology Transfer Support – WBS 1.5*



# *Technology Transfer Support-WBS 1.5 Activities*

- One COLSA employee attended a three day training class for Tech TracS.
- Assisted in downloading Tech TracS software onto all computers in the lab and also uninstalled training software at the end of the class.
- Coordinated the Technology Transfer Award Program Submittals and Selection Process
- Continued to provide Software Release support for MSFC.

# *Technology Transfer Support-WBS 1.5*
# *Issues/Concerns*

- None

# C&DM Centerwide Project Support - WBS 1.2

## Milestones Completed During Reporting Period & Milestones Projected for Next Quarter

| Task Support | Milestone | Scheduled/Completion Date | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dec | Jan | Feb | Mar | Apr | May |
| 1.2.1 | Provide recommended dispositions for the comments on the review of MSFC-STD-555 and MSFC-STD-2806 | | ☑ | | | | |
| 1.2.7 | Submit Records Training modules for internal review | | | ☑ | | | |
| 1.2.8 | Deliver to ED03 -revised Multiprogram User's Guide including ED03 comments | | | | ◈ | | |
| 1.2.4 | Deliver to ED03 test report from IEC Beta Test | | | | | | ◈ |

☑ Completed Milestone

◆ Incomplete Milestone

☑ Completed Ahead Of Schedule Milestone

◈ Next Quarter Milestone

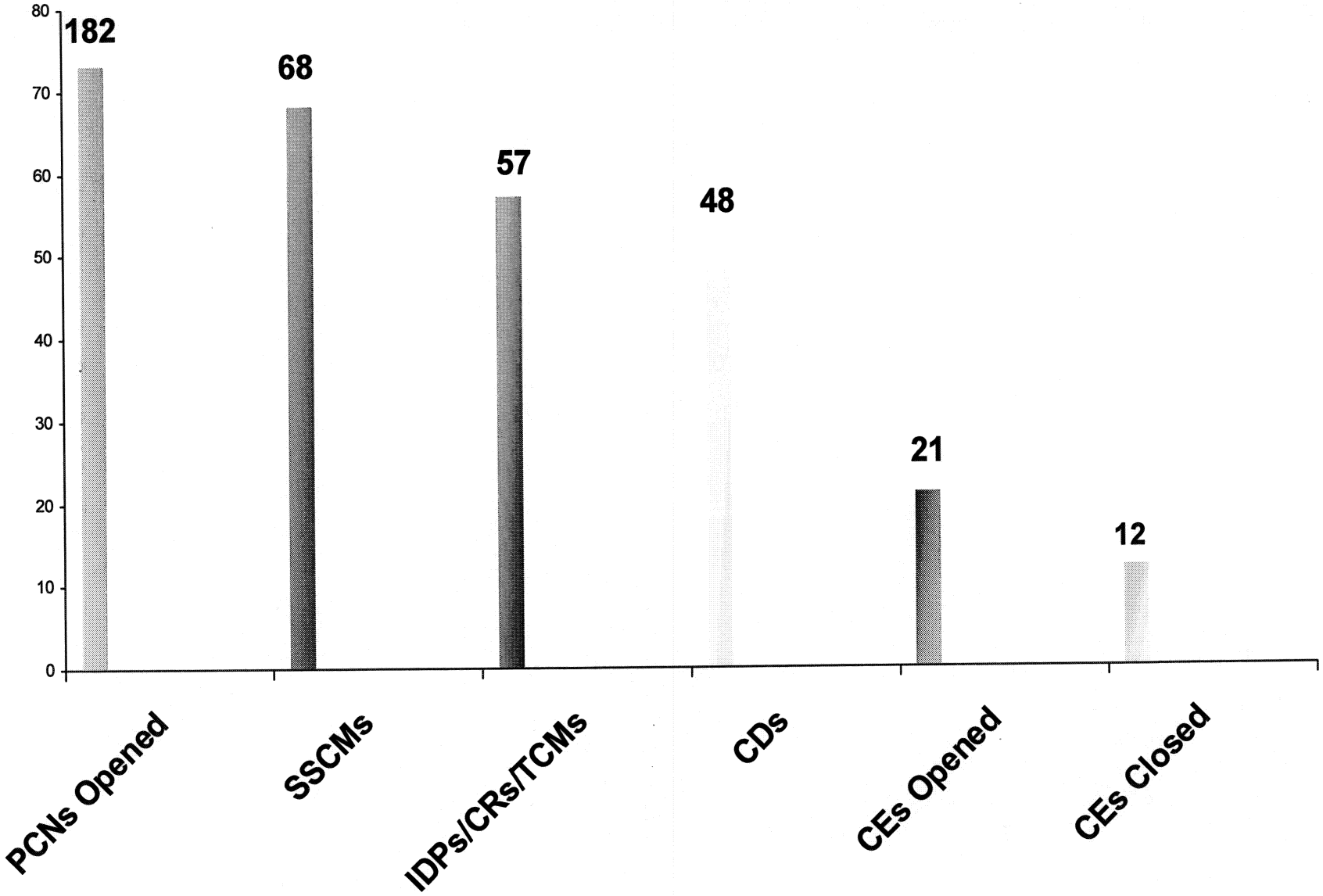
# C&DM Support DM/CM Policies, Procedures, Instructions, Forms & Other Documentation WBS 1.2.1 - Activities

- Supported the Identification and Rules Review Action as follows:
  - The new MPR 8040.1 draft combining MWI 8040.1, MWI 8040.2, MWI 8040.3, MWI 8040.6 and MWI 8040.7 has been approved and added to the Master List.
  - Updated MSFC-STD-3394, MSFC-STD-555 and MSFC-STD-2806.
  - Working signature matrix for MPR 8040.1
  - CM-DM document trees have been updated for website inclusion.
  - Currently reviewing MPR 8040.1 and related documents for definition compatibility with the new organizational structure.
  - Reviewed HOSC CM Plan per request in preparation for a periodic revision.
  - Reviewed the NASA-STD-0005 (CM Standard) prior to submittal for NASA Headquarters review and approval.
  - Prepared briefings to show Project personnel CAITS actions on Directives, Charters, etc.

# C&DM Support DM/CM Policies, Procedures, Instructions, Forms & Other Documentation WBS 1.2.1 - Activities

- The following activities were supported:
  - Updated C&DM Presentation for ED03
  - Provided comments to ED03 on NPR 2200.2B
- Deliveries of the following were made to ED03:
  - Updated DM Boilerplate to current directives and format
  - Developed Document Format and Edited Checklist for guidance to projects in writing DMPs

# C&DM Requirements Definitions Support WBS 1.2.2



# C&DM Requirements Definitions Support WBS 1.2.2 – RID Activity (FileMaker)

| | Open RIDs | Closed RIDs (Dec-Feb) |
|---|---|---|
| MSRR-1 IPL CDR | 12 | 3 |
| MSRR-1 IPL CDR ESA | 17 | 0 |
| Solar B FPP CDR | 1 | 0 |

# C&DM Support

# WBS 1.2.2 – RID Activity (New)

| Project Name | Review Type | RIDs Open on 12/01/2004 | RIDs Opened During Period | RIDs Closed During Period | RIDs Open on 02/28/2005 |
|---|---|---|---|---|---|
| COBRA | PDR | 3 | 0 | 0 | 3 |
| ECLSS | CDR | 30 | 0 | 3 | 27 |
| Glast Burst Monitor | PDR | 2 | 0 | 0 | 2 |
| HyTEx POC Mission | PDR | 135 | 0 | 0 | 135 |
| Integrated Engineering Capability | RR | 253 | 0 | 0 | 253 |
| Integrated Engineering Capabilities | DR | 119 | 0 | 0 | 119 |
| OSP BOEING PROJECT | SDR | 278 | 0 | 0 | 278 |
| OSP Lockheed-Martin Project | SDR | 256 | 0 | 0 | 256 |
| RS-83 Main Engine | SDR | 34 | 0 | 0 | 34 |
| Totals: | | 1110 | 0 | 3 | 1107 |

# C&DM Requirements Definitions Support
# WBS 1.2.2- Activities

- Coordinated Change Evaluation Distribution List updates through the MSFC CM Receipt Desk & JSC
- Supported CPTAS-Shutdown resolution
- Prepared Updates for Web Page Master-List of the MSFC Released Documents (Impromptu Reporting)

# C&LDM Support Data Requirements Management Support WBS 1.2.3 - Activities

- Maintained Standard DRDs, OPR Contact Matrix, Center Logs, historical DRD database, and Data Requirements Management System (DRMS) website
- 25 Standard DRD's were revised and reissued.

# C&DM Support Data Requirements Management Support WBS 1.2.3 – Activities

- The following Data Procurement Documents (DPDs) and redlined documentation were prepared and delivered:
  - "Basic" DRL 1058 for "ODIN Delivery Order – MSFC Requirements", dated November 23, 2004 (AD32) (DRL inserted into Delivery Order);
  - "Draft" and "RFP" DPD 1060 for "Onsite Engineering Design Services at MSFC", dated November 24, 2004 and December 02, 2004 respectively (AD23);
  - "Draft Revision B" DPD 1012 for "Technology Development of Ballute Aerocapture" and redlined SOW, dated December 02, 2004 (NP40);
  - "Draft" DPD's 1062 for "Reinforced Carbon-Carbon (RCC) Repair Project", dated December 06, 2004 and December 17, 2004 (EM40);
  - "Draft RFQ" DPD 1057 for "In-Space Technology Assessment Support (ISTA)" and redlined PWS dated December 08, 2004.

# C&DM Support Data Requirements
# Management Support
# WBS 1.2.3 – Activities

- The following Data Procurement Documents (DPDs) and redlined documentation were prepared and delivered (continued):
  - "Basic" DPD 1053 for "Advanced Lithium-Fed, Applied-field Lorentz Force Accelerator (ALFA)" dated December 20, 2004;
  - Three (3) "Draft" DPD's 1052 for "The Nuclear-Electric Pulsed Inductive Thruster (NuPIT) System" and redlined SOW dated December 16, 2004, January 11, 2005, and January 12, 2005 (NP50);
  - Six (6) "Draft" DPD's 1057 for "In-Space Technology Assessment Support (ISTA)" and redlined PWS dated December 17, 2004, December 20, 2004, January 04, 2005, January 06, 2005, January 10, 2005, and January 18, 2005 (NP40);
  - "Draft" and "Draft RFQ" DPD 1063 for "Nuclear Systems Project Support" and redlined SOW dated December 20, 2004 and January 12, 2005 respectively (NP50);

# C&DM Support Data Requirements Management Support WBS 1.2.3 – Activities

- The following Data Procurement Documents (DPDs) and redlined documentation were prepared and delivered (continued):
  - "Basic" DPD 1062 for "Reinforced Carbon-Carbon (RCC) Repair Project", dated January 14, 2005 (EM40);
  - "RFP" DPD 1064 for "Advanced Technology Technical Support" dated January 20, 2005 and February 04, 2005 (ER11);
  - "RFQ" DPD 1064 for "Advanced Technology Technical Support" dated February 04, 2005 (ER11);
  - "RFQ" DPD 1057 for "In-Space Technology Assessment Support (ISTA)" dated February 9, 2005 (NP40);
  - "Basic" DPD 1052 for "The Nuclear-Electric Pulsed Inductive Thruster (NuPIT) System" and redlined SOW dated February 10, 2005 (NP50);
  - Two (2) "Draft" DPD's 1066 for "Deep Throttling Common Extensible Cryogenic Engine (CECE)" and redlined SOW dated February 10, 2005 and February 22, 2005 (NP60);

# C&DM Support Data Requirements
# Management Support
# WBS 1.2.3 – Activities

- The following Data Procurement Documents (DPDs) and redlined documentation were prepared and delivered (continued):
  - Two (2) "Draft" DPD 1070 for "Variable Thrust Pintle Descent/Ascent Engine" and redlined SOW dated February 10, 2005 and February 22, 2005(NP60);
  - Four (4) "Draft" DPD's 1072 for "Long-Life Lightweight Oxidation-Resistant Cryogen Tank" and redlined SOW dated February 11, 2005, February 14, 2005, February 22, 2005, and February 23, 2005 (NP60);
  - Two (2) "Draft" DPD's 1067 for "Self-Cleaning Anti-Contamination Coatings for NASA Applications" and redlined SOW dated February 11, 2005 and February 24, 2005 (NP60);
  - Three (3) "Draft" DPD's 1071 for "Small Tug: Miniature Cislunar Flight Experiment" and redlined SOW dated February 11, 2005, February 15, 2005, and February 24, 2005 (SP20);
  - Two (2) "Draft" DPD's 1073 for "Stretched Lens Array SquareRigger Technology Maturation" and redlined SOW dated February 11, 2005 and February 24, 2005 (SP20);

# C&DM Support Data Requirements Management Support WBS 1.2.3 – Activities

- The following Data Procurement Documents (DPDs) and redlined documentation were prepared and delivered (continued):
  - Two "Draft" DPD's 1074 for "Mitigation of Dust and Electrostatic Accumulation for Human and Robotic Systems for Lunar and Martian Missions" and redlined SOW dated February 14, 2005 and February 24, 2005 (SP20);
  - "Revision A" DPD 1062 for "Reinforced Carbon-Carbon (RCC) Repair Project" and redlined SOW dated February 15, 2005 (EM40);
  - "Basic" DPD 1054 for "Engineering Cost Analysis Techniques Development" dated February 16, 2005 (RS70);
  - Two "Draft" DPD's 1069 for "Fully Integrated Scaleable, Modular Two Fluid Propulsion and Power Module for Sustainable Architecture" dated February 14, 2005 and February 22, 2005 (NP40);
  - "Revision A" DPD 1062 for "Reinforced Carbon-Carbon (RCC) Repair Project" dated February 15, 2005 (EM40);

# C&DM Support Data Requirements
# Management Support
# WBS 1.2.3 – Activities

- The following Data Procurement Documents (DPDs) and redlined documentation were prepared and delivered (continued):
  - "Draft" DPD 1068 for "Friction Welding of Thin Sheet Metallic Alloys to Create Affordable, Ultra Lightweight Cryogenic Tanks" and a redlined SOW dated February 24, 2005 (NP60);

# C&DM Automation Support
# WBS 1.2.4 -Activities

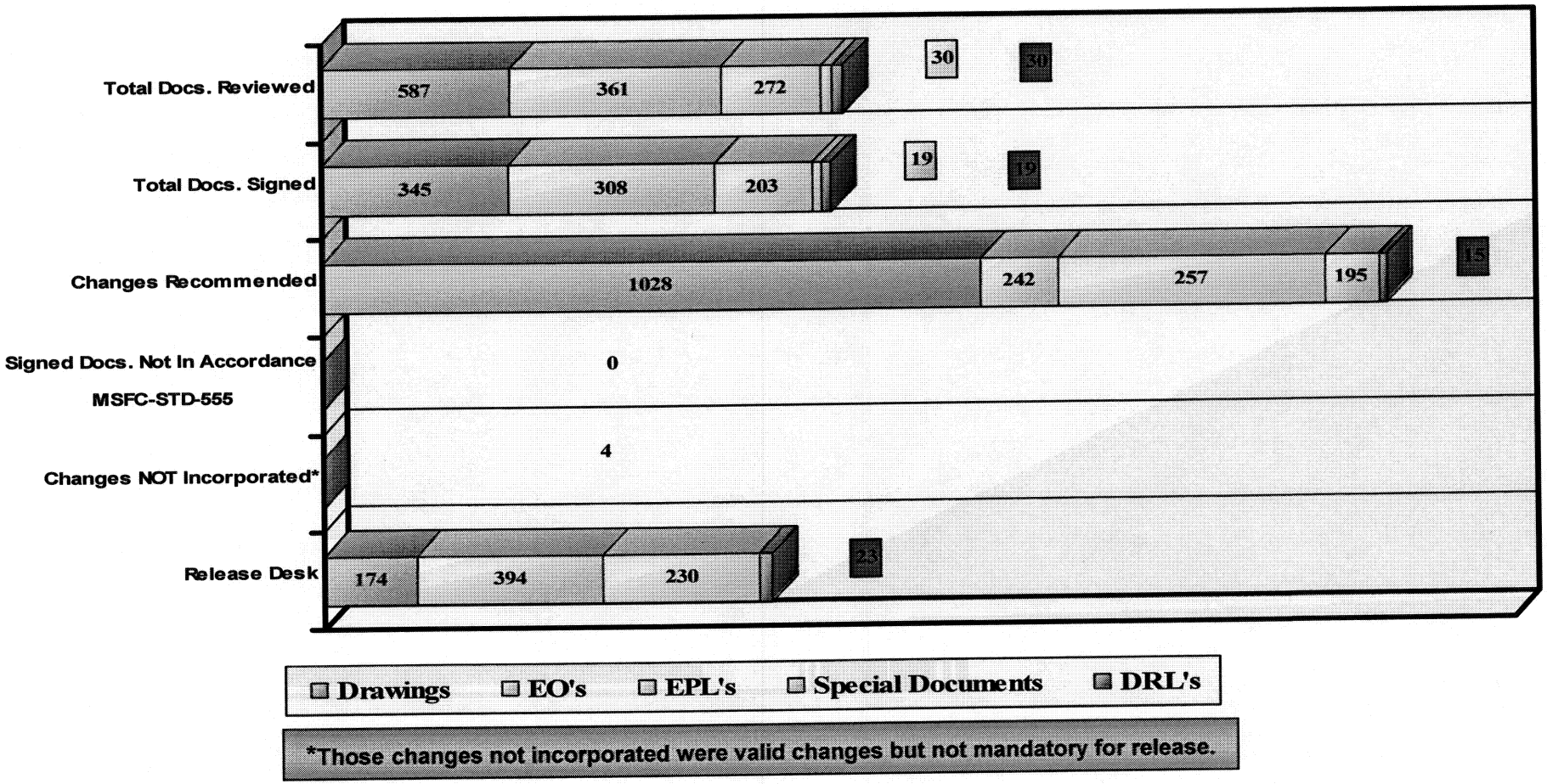
- **IEC DDMS**
  - Supported IEC design, implementation and test effort.
  - Developed IEC Beta Test Plan/Procedure.
  - Lead IEC Beta Test activity.
  - Participated in resolution of problems/enhancements from Beta Test and subsequent testing activity.

- **ICMS**
  - Participated in Beta testing.
  - Temporarily stopped using CPTAS pending GUI update.

# C&DM Release Desk/Drawing Checking
# WBS 1.2.5 & 1.2.6 -Activities

- The Release Desk provided consultation support to engineers and designers for input and configuration information in ICMS.
- The Checkers provided consultation support to engineers and designers for design and documentation preparation in support of QMI, MSRR-1, ECLSS, EPB, HIPAT, HMCG, and LOCAD.
- The Checkers provided a demonstration describing the checking responsibilities and procedures to the Systems Engineering and Integration personnel.

# Release Desk WBS- 1.2.5/ Drawing-Checking WBS- 1.2.6



# C&LDM Support Training for Processes
# WBS 1.2.7 Activities

**Training Inputs:**

- Assisted IEC Support Contractor with training presentation and editing training materials based on pilot class.
- Monitored Beta Testing of IEC DDMS.
- Continued development of Records Management training course. Submitted class modules for internal review. Two courses are planned for implementation in 2005.
- Presented first Lunch and Learn mentoring session. Approximately 15 attendees. Sessions are scheduled once a month.
- (b)(4) discussed IEC System Development Status and Benefits

# C&DM Support Multiprogram/Project Documentation Management WBS 1.2.8 -Activities

- Multiprogram Support
  - Worked on Draft User's Guide for Multiprogram/Project Document Management System (MPDMS)
  - Updated SUNS Instruction Guide – submitted to ED03
  - Updated MPDMS Project/User Level Access List – more than 150
  - Updated MPDMS DCB-M-1 Access List for M Project
    - Impacted 150 names
  - Reworked to correct Export Control Plan and Configuration Management Plan templates on MPDMS web site

# CLDM Records
# WBS 1.2.9 -Activities

- Reviewed Deactivated - Records Listing (Archive List) for the Institutional Records Room to prepare & plan upcoming archives.
- Supported Institutional Records Room with basic file functions.

# C&DM Support Issues/Concerns

- **Kudo's :**

  **Received from EM40/ED03 for work on the RCC repair effort and from PS41/NP for work on the ESR&T DPDs which were sent to HQ. The ESR&T effort is ongoing. (b)(4) )**

# PROGRAM/PROJECT CDM SUPPORT

# 1.3

# Engineering Directorate/Project Support

## Milestones Completed During Reporting Period & Milestones Projected for Next Quarter

| Task Support | Milestone | Scheduled/Completion Date | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dec | Jan | Feb | Mar | Apr | May |
| CM Standard Support | Deliver Final Draft of NASA-STD-005 | ☑ | | | | | |

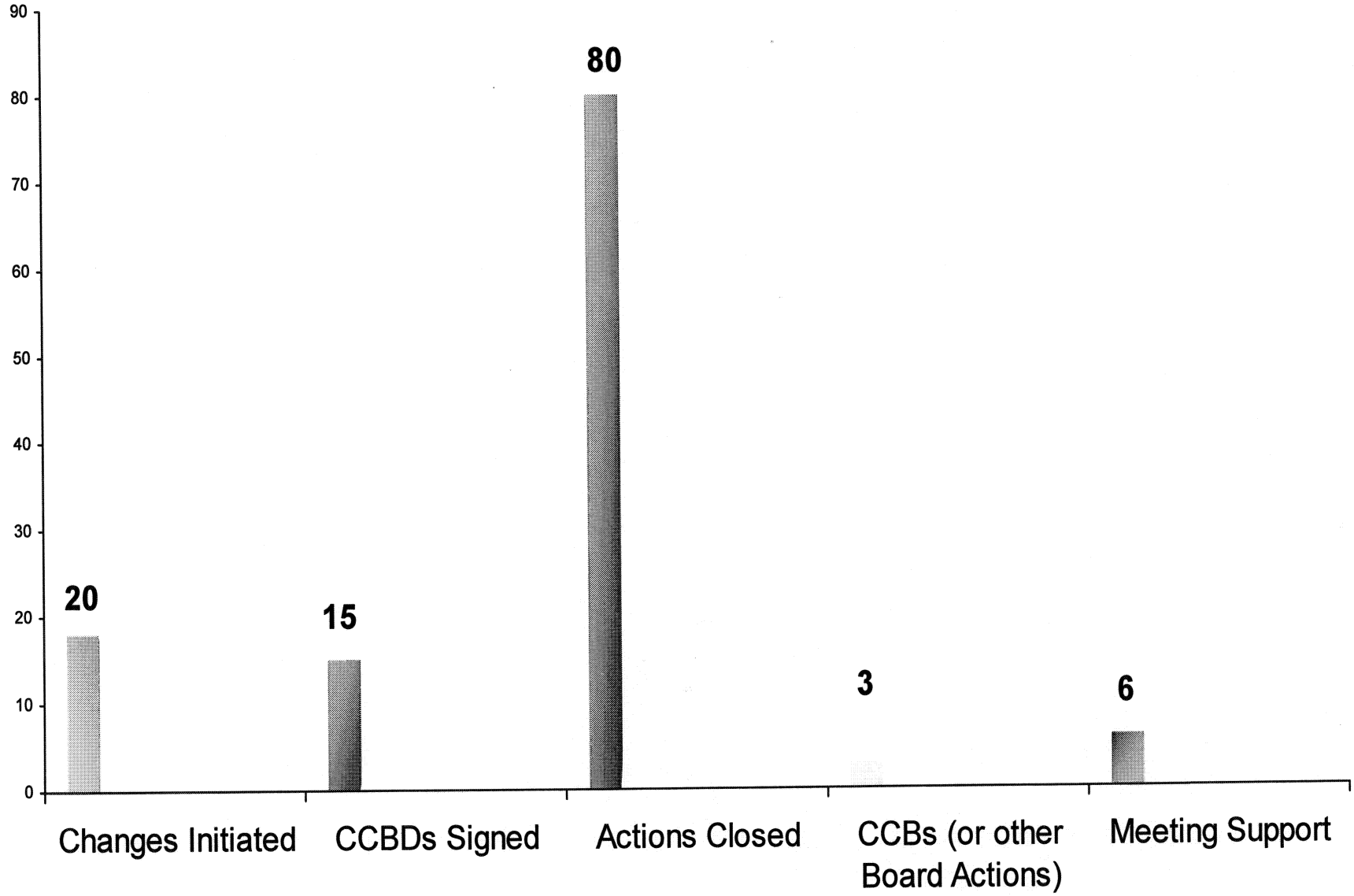
☑ Completed Milestone

✦ Incomplete Milestone

☑ Completed Ahead Of Schedule Milestone

◈ Next Quarter Milestone

# EO20/POIC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Changes Initiated
CCBDs Signed
Actions Closed
CCBs (or other Board Actions)
Meeting Support

# *Engineering Directorate/Project Support Issues and/or Concerns*

- None

# Space Systems Programs/Project Office (SSPPO)

## Milestones Completed During Reporting Period & Milestones Projected for Next Quarter

| Task Support | Milestone | Scheduled/Completion Date | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dec | Jan | Feb | Mar | Apr | May |
| HMCG | Review the CM Plan | ☑ | | | | | |
| MPLM | Review the CM Plan | ☑ | | | | | |
| ECLSS | Review the CM & DM Plans | | | ☑ | | | |
| MUPG | Review the CM & DM Plans | | | | ◈ | | |
| Nodes | Review the CM & DM Plans | | | | | ◈ | |
| ECLSS | Delta OGA FCA/PCA @ HSSSI | | | | | | ◈ |
| ECLSS | Delta WPA FCA/PCA @ HSSSI | | | | | | ◈ |

☑ Completed Milestone ✦ Incomplete Milestone ☑ Completed Ahead Of Schedule Milestone ◈ Next Quarter Milestone

# Space Systems Programs/Projects Office (SSPPO)

## Milestones Completed During Reporting Period & Milestones Projected for Next Quarter

| Task Support | Milestone | Scheduled/Completion Date | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dec | Jan | Feb | Mar | Apr | May |
| GBM | Review CM Plan | | | | | ◈ | |
| GBM | Review DM Plan | | | | | ◈ | |
| Solar-B | Review CM Plan | | | | ◈ | | |
| Solar-B | Review DM Plan | | | | ◈ | | |
| GEDS | Review CM Plan | | | | | ◈ | |
| GEDS | Review DM Plan | | | | ◈ | | |
| MSG/G-Limit | Review CM Plan | | ☑ | | | | |
| MSG/G-Limit | Review DM Plan | | ☑ | | | | |

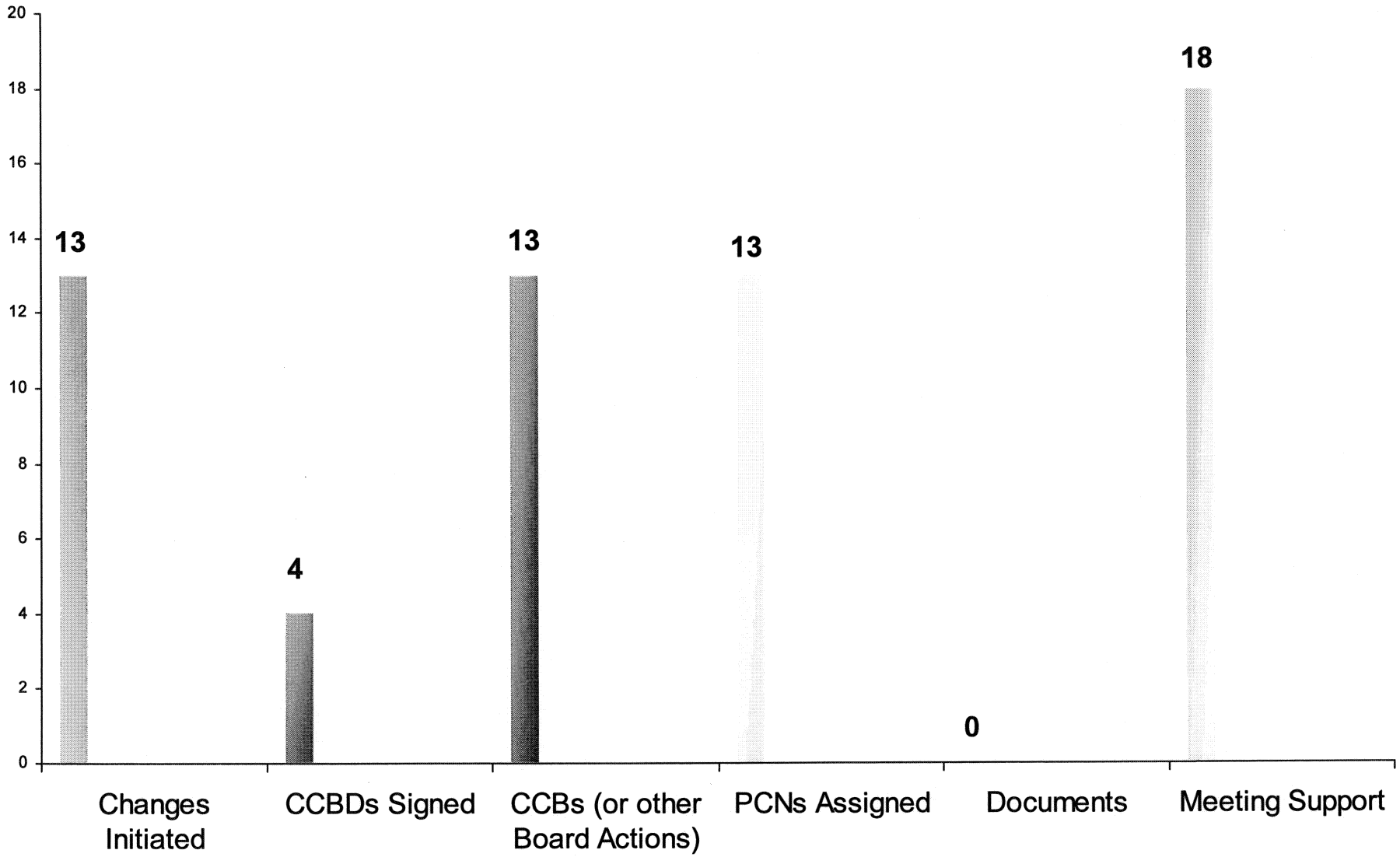
☑ Completed Milestone

✦ Incomplete Milestone

☑ Completed Ahead Of Schedule Milestone

◈ Next Quarter Milestone

# SSPPO/MUPT


20
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16
14
12
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4
2
0
13
4
13
13
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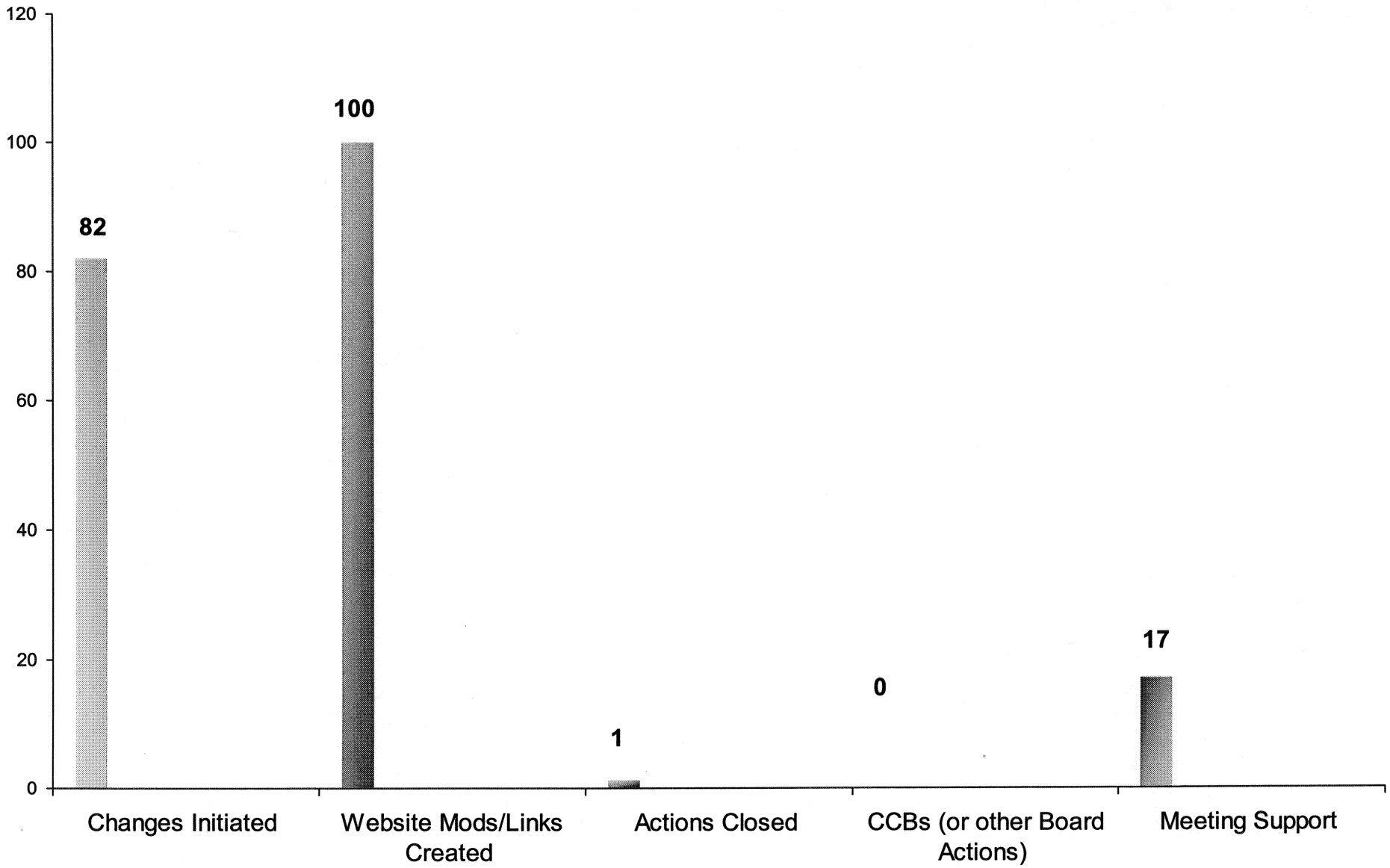
18
Changes Initiated
CCBDs Signed
CCBs (or other Board Actions)
PCNs Assigned
Documents
Meeting Support

# *SSPPO/ECLSS*


120
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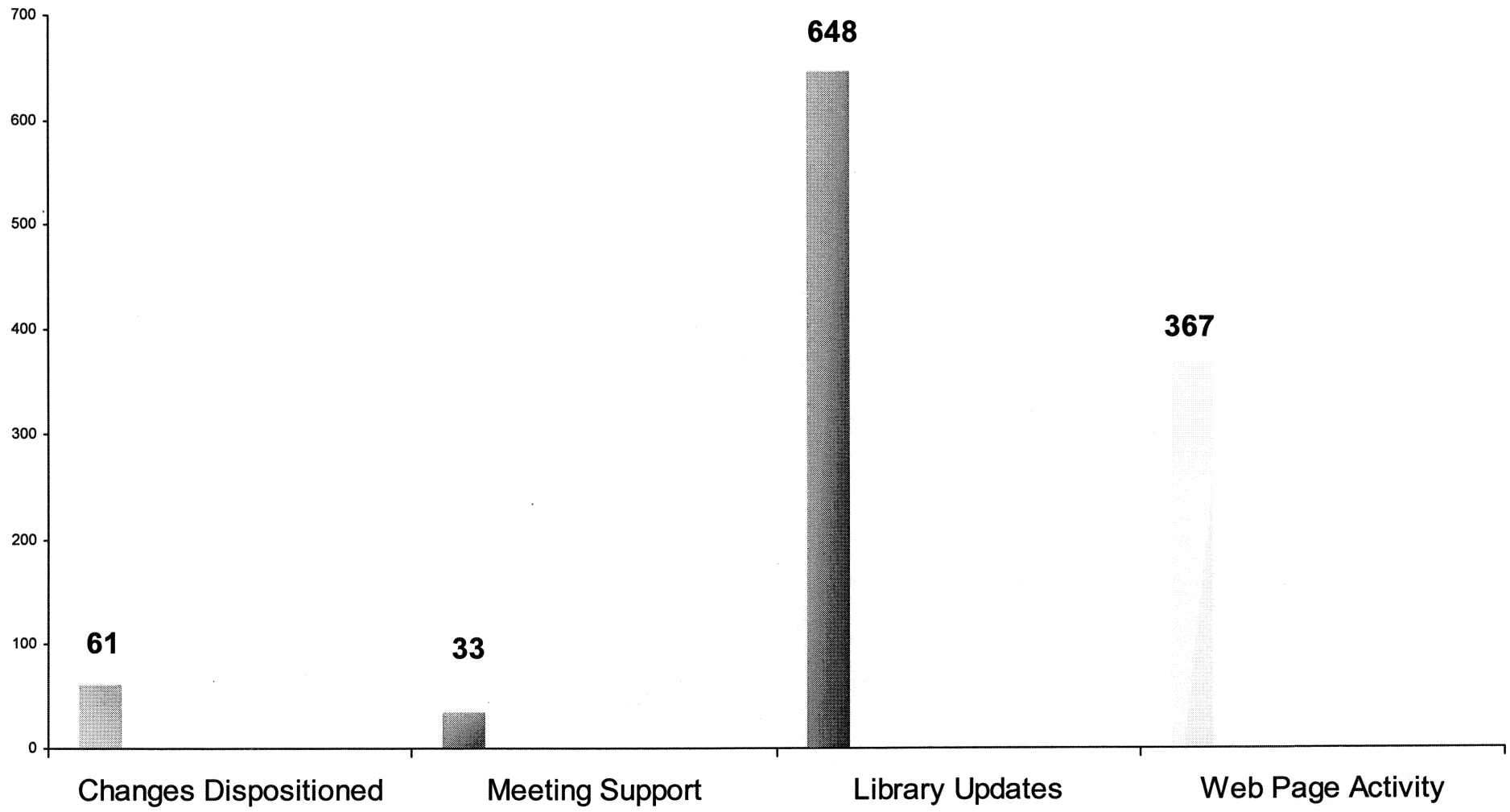
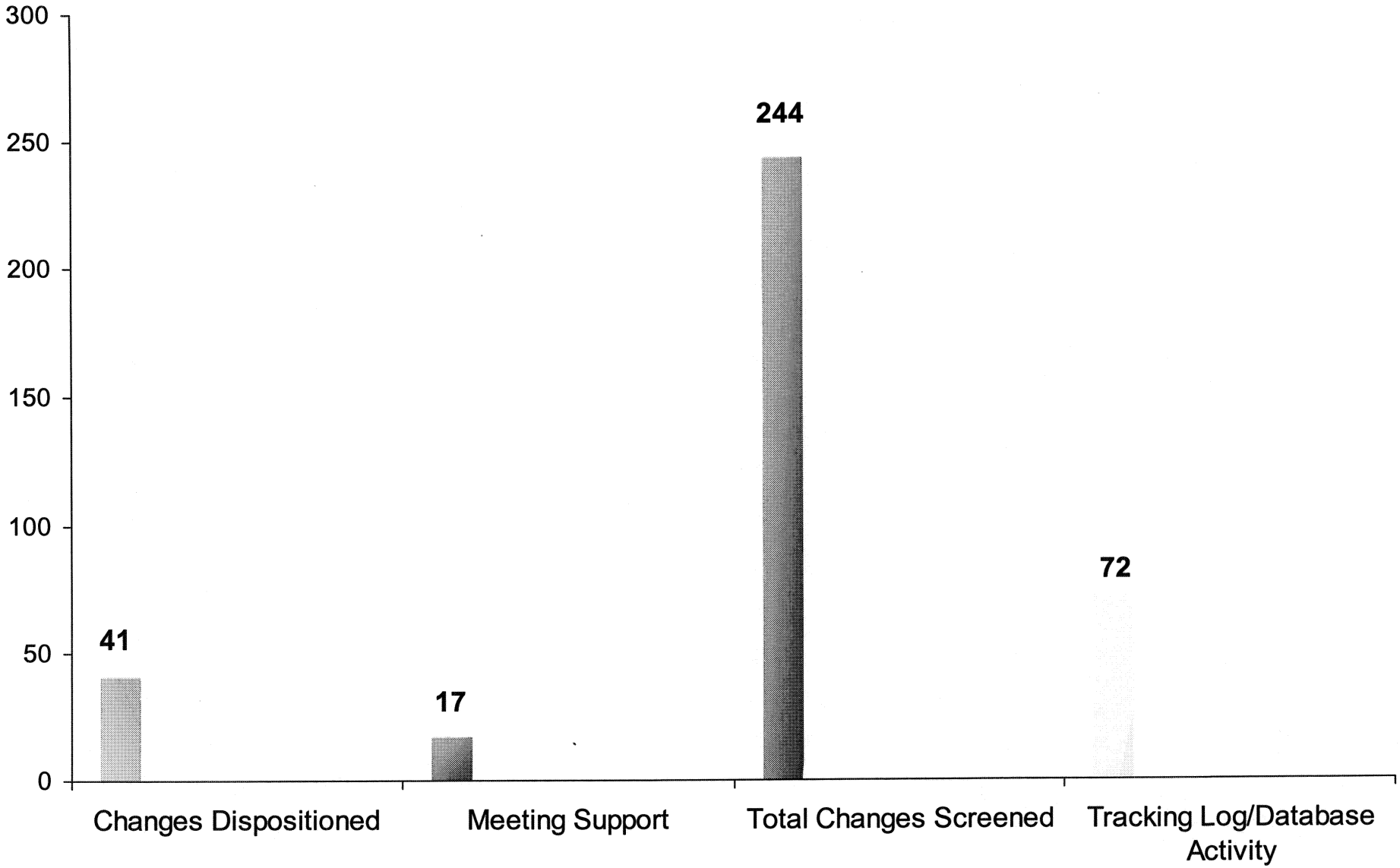
80
60
40
20
0
82
100
1
0
17
Changes Initiated
Website Mods/Links Created
Actions Closed
CCBs (or other Board Actions)
Meeting Support

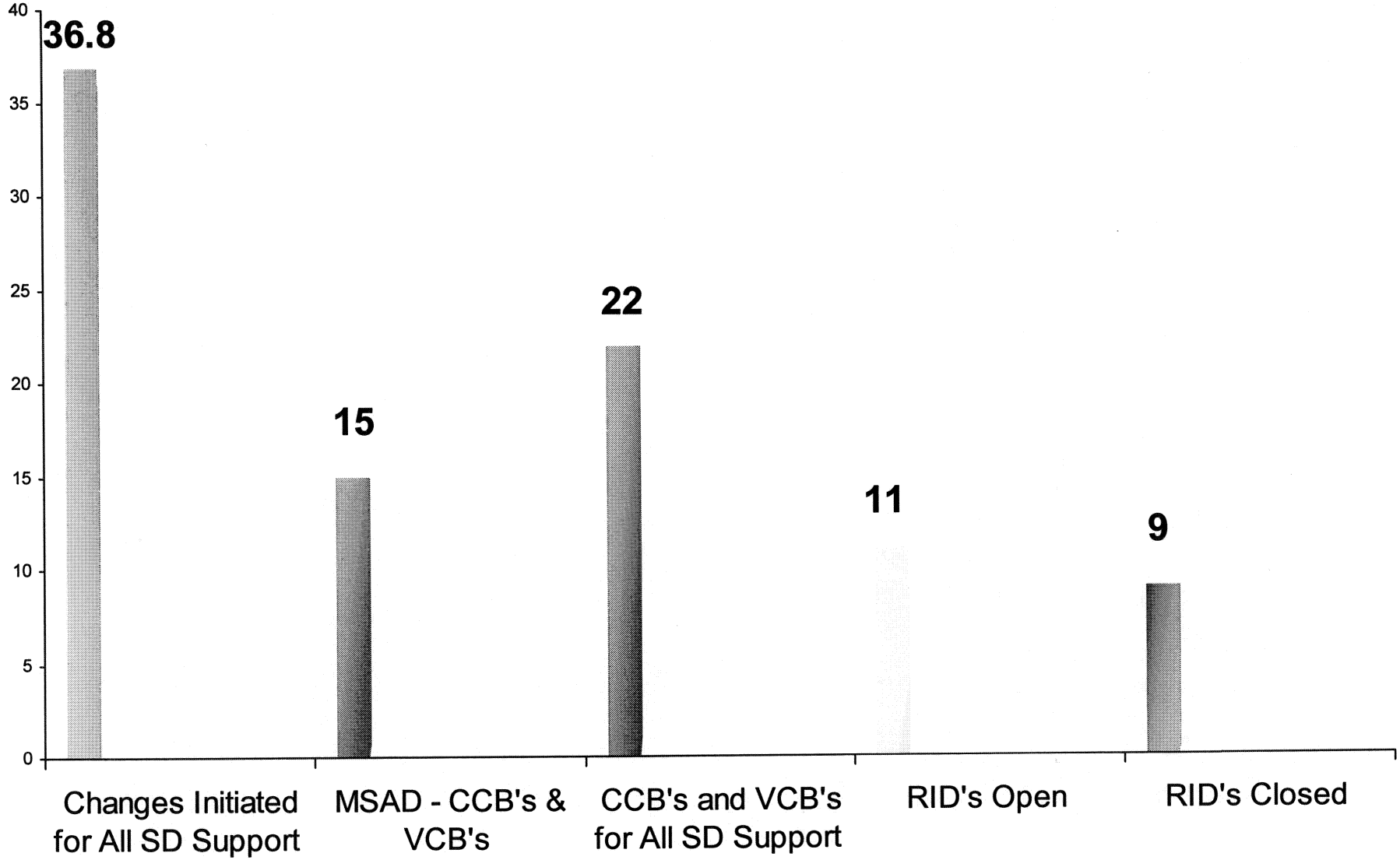
# *SSPPO/Nodes*


700
600
500
400
300
200
100
0
61
33
648
367
Changes Dispositioned
Meeting Support
Library Updates
Web Page Activity

# SSPPO/MPLM


300
250
200
150
100
50
0
41
17
244
72
Changes Dispositioned
Meeting Support
Total Changes Screened
Tracking Log/Database Activity

# *SSPPO/Mini-Projects*



# Space Systems Programs/Projects Office Activities

- Reviewed the ECLSS CM & DM Plans .
- Supported RID Closure for the WRS/OGS DR2, UPA CDR, OGA Delta DR2, and IR/UPA CDR as the RID Database Coordinator.
- Continued the WPA & OGA Requirements Verification Tracking from contractor HSSSI and In-house projects.
- The OGA FCA/PCA is tentatively scheduled for May 2005 at HSSSI.
- The Delta WPA FCA/PCA is tentatively scheduled for May 2005 at HSSSI
- Actively working WPA FCA Action Closures
- Updated the Nodes 2/3 electronic drawing libraries to include received drawings.
- Received ECD revisions and updated database tracking for Node 3 Design Review # 2.
- MUPG has continued to participate in the Subsystem Problem Reporting System (SPRT) weekly meetings.
- Participated in the MUPG effort of the CMMI Pre-assessment Audit.

# *Space Systems Programs/Projects Office Activities*

- **GLAST Burst Monitor**
  - Completed Verification Matrix.
  - Continued working on RID closures resulting from the GBM Systems CDR.
- **Solar-B**
  - Provided Verification Charts to the Project Manager.
  - Attended and supported weekly Verification Meetings.
- **CGH/PEP SACA**
  - Deactivated Configuration Control Boards (CCBs).
- **MSG/G-Limit**
  - Continued work on Open Items List to closure.

# *Space Systems Programs/Projects Office Activities*

- **LAB-ON-A-CHIP Application Development (LOCAD) Portable Test System (PTS)**
  - Established Level III CCB for LOCAD PTS
  - Developed and table-top reviewed Configuration Management Plan.
- **Observable Protein Crystal Growth Apparatus (OPCGA)**
  - Deactivated Level III and IV Configuration Control Boards (CCBs).
- **Quench Module Insert (QMI)**
  - Deactivated Level IV Configuration Control Board.

# Space Systems Programs/Projects Office
# Issues and/or Concerns

- ***The ECLSS Final Acceptance Review for the PSM (Power Supply Module) shows a delivery date of approximately April 2005 with no current date for the FCA/PCA.***

- ***<u>Kudos:</u>***

  ***Received praise from the EXPRESS Rack Project Manager for our preparation and performance during the EXPRESS Rack CMMI Pre-Assessment audit. (Kenny Johnson and Carter Sibley)***

# Space Transportation Programs/Projects Office

## Milestones Completed During Reporting Period & Milestones Projected for Next Quarter

| Task Support | Milestone | Scheduled/Completion Date | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dec | Jan | Feb | Mar | Apr | May |
| JIMO | Deliver Draft PRB Charter Letter | ☑ | | | | | |
| AP Project | Review DM Plan | ☑ | | | | | |
| In-Space Project | Review DM Plan | ☑ | | | | | |
| In-Space Project | Review CM Plan | ☑ | | | | | |
| IPD Project | Review, identify, change and deliver PCB Charter | | | ☑ | | | |
| AP Project | Review, identify, change and deliver PCB Charter | | | ☑ | | | |
| TFD Project | Deliver Draft DM Plan of Project Plan | | | ☑ | | | |
| IPD Project | Review DM & CM Section of Project Plan | | | ☑ | | | |
| AP Project | Review CM Section of Project Plan | | | | ◈ | | |
| TFD Project | Support OE AVGS Software V&V and TRR | | | | ◈ | | |
| TFD Project | Deliver Draft CM Plan | | | | | ◈ | |
| JIMO | Deliver Draft DM Plan | | | | | ◈ | |

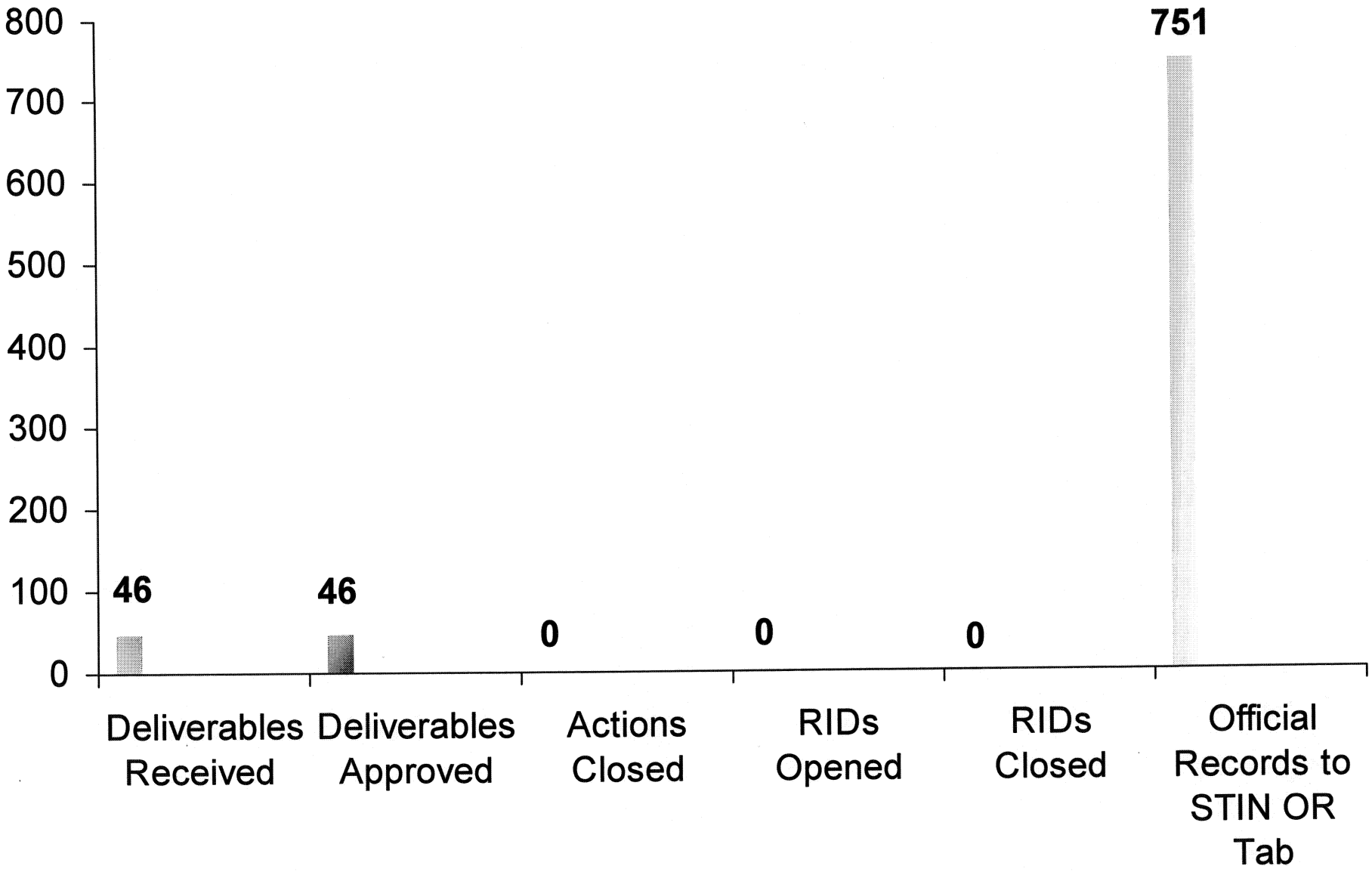
☑ Completed Milestone

✦ Incomplete Milestone

☑ Completed Ahead Of Schedule Milestone

◈ Next Quarter Milestone

# *Space Transportation Programs/Projects Office*



# *Space Transportation Programs/Projects Office Activities*

- <u>Exploration & Transportation Technologies Office (ETTO) Projects CDM:</u>
  - Provided archiving support by interfacing with NGLT Technical Advisor and MSFC Repository personnel on the closed-out of official records for terminated NGLT projects.
  - Provided archiving assistance to Project Leads to transfer the following closed project data in STIN to the Official Records (OR) Tab within STIN for subsequent electronic transfer to Repository for archive: Propulsion Technology & Integration (PT&I) Northrop-Grumman Space Transportation (NGST) Reaction Control Engine (RCE) and Aerojet, Rocket Based Combined Cycle (RBCC), Rocket Engine Prototype (REP).
  - Archival of the Technology Flight Demonstrations (TFD) and X-43C Booster & Launch Services (B&LS) Official Records are being coordinated.
  - IPD
    - Reviewed the DM section of the Project Implementation Plan.
  - APP
    - Baselined Project Plan.

# *Space Transportation Programs/Projects Office Activities*

- **STPPO Projects CDM:**
  - Propulsion Technology and Integration (PT&I) Project
    - Completed transfer of 110 documents/data for NGST RCE contract to the STIN Official Records (OR) Tab for subsequent electronic archiving to the MSFC Repository.
  - APP
    - Revised Project Control Board (PCB) Charter to reflect changes due to Center Reorganization and the establishment of STPPO.

- **OSP Program:**
  - Completed archival of OSP

- **General:**
  - Developed and delivered the following draft Technical Task Agreements (TTA): SE&I, JIMO (NP50), Exploration & Transportation Technologies, In-Space, Management Integration Operations, ESMD Constellation Systems, and Technology Flight Demonstrations.

# *Space Transportation Programs/Projects Office Issues and/or Concerns*

- The In-Space Task Order does not represent the duties we have been asked to perform, but COLSA has not received any further direction from the project regarding the task order revision.
- Leland Dutro and Thad Henry have requested that COLSA combine all STPPO task orders into a single task order. The initial draft of this consolidated task order was delivered on 12/20/04. As of the end of the second quarter of OY3, we did not have an agreed upon consolidated STPPO task order.