

**APPENDIX 16A**

**IT SYSTEM RESPONSIBILITIES**

<b>SYSTEM</b>	<b>NAME/FUNCTION</b>	<b>Mandatory</b>	<b>Lines of Code</b>	<b>CAPPS Role</b>	<b>Government Role</b>
Andover	Andover - A system for monitoring and controlling various facility systems.	Mandatory		U, O, M, E	U
	ASRS (Automated Support Requirements System) – An intercenter, interagency electronic Support Requirements data processing and transmission system derived from the UDS. The ASRS is a part of the client server application located at KSC. It communicates UDS level 2 and 3 support requirements and support responses between NASA Headquarters and NASA centers.	Mandatory		U	O, M, E
CAD/CAE	CAD/CAE systems	Mandatory		U, O, M, E	U
PDMS	Change Paper Tracking (CPT) - Used to track and capture the evaluation and approval of various change paper (CRs & SSCNs). Interfaces with the ESR Tracking application.	Mandatory at contract start; contractor may propose replacement	32200	U, O, M, E	U
PDMS	Chemical Sample Support (CHESS) - A system that collects, stores, and reports on chemical sampling data.	Mandatory at contract start; contractor may propose replacement	9000	U, O, M, E	U
PDMS	Circuit Configuration and Documentation System (CCDS) - Documents electrical circuitry for 60 Hz power to Facilities under CAPPS O&M	Mandatory at contract start; contractor may propose replacement	2500	U, O, M, E	U
	Common Schedules Database (CSD) - An ISSP system for exchange of scheduling information between the ISSP, its implementing contractors and NASA Centers, Payload Developers, and International Partners and Participants.	Mandatory		U	O, M, E
	CONAID - A connector database, which can be loaded on a workstation or centralized server. Not currently maintained	Optional		U, O, M, E	U
PDMS	Configuration Engineering (CE) - An application that downloads mission engineering configuration lists into asbuilt configuration lists.	Mandatory at contract start; contractor may propose replacement	46500	U, O, M, E	U
PDMS	Configuration Status & Accounting System (CSAS) - provides real time and online capabilities for configuration identification, status, verification and accounting of product configuration during product development, design, build and maintenance cycles.	Mandatory at contract start; contractor may propose replacement		U, O, M	U
PDMS	Electronic Connect/Disconnect Log	Mandatory		U, O, M, E	U
PDMS	ESR Tracking, FEC, Mod Kit, (ESR) - A system that tracks ESR's, their authorization for implementation, and their associated released engineering for modifications to KSC GSE and facility systems and equipment.	Mandatory at contract start; contractor may propose replacement	23600	U, O, M, E	U
	Facility Space Information System – Computer software that tracks assigned facility space by facility, by category (office, fabrication, assembly and test, laboratory, computer, storage and support) and by employee types (clerical, engineer, supervisor, manager, etc.).	Mandatory at contract start; contractor may propose replacement		U, O, M, E	U

Responsibility Codes:  
 U=User; M=Maintainer;  
 O=Operator; E=Sustaining Engineering

Contract NAS 10-02007

**APPENDIX 16A**

**IT SYSTEM RESPONSIBILITIES**

SYSTEM	NAME/FUNCTION	Mandatory	Lines of Code	CAPPS Role	Government Role
	FAST, Fleet Resource Management Asset Scheduling Tool. FAST is maintained on a networked personal computer utilizing Advanced Management Solutions (AMS) Real-time Projects software application.	Mandatory		U, O, M, E	U
	Government On Line Database (GOLD) - A comprehensive suite of logistics applications of which only the Supply/Material Management module is used at KSC. The Inventory Management System (IMS) is in the process of replacing the Kennedy Inventory Management System (KIMS) and is anticipated to be completed prior to contract start.	Optional		U	O, M, E
	Incident Reporting Information System (IRIS) - official NASA wide mishap reporting system	Mandatory		U	O, M, E
PDMS	International Space Station Asset Management System (ISSAMS) - Database containing individual item records of controlled equipment accountable to the ISS Prime contract. The database is used to track, manage, and inventory all equipment recorded in the system.	Mandatory at contract start; contractor may propose replacement		U, O, M, E	U
	KSC Space Management System - A database of all assigned building space showing the electronic drawing layouts, category of use, assigned organization, and assigned personnel, including building number, room numbers and occupant name, phone number, mail code, and department/organization code.	Mandatory		U	O, M, E
	Lessons Learned Information System (LLIS) - LLIS is the official NASA wide lessons learned information system for mishaps.	Mandatory		U	O, M, E
PDMS	Limited Operational Life Item (LOLI) - Tracks hardware with limited operational life requirements	Mandatory at contract start; contractor may propose replacement	400	U, O, M, E	U
PDMS	Logistics Analysis and Provisioning System (LAPS) - A system that provides automation support for parts analysis, spares provisioning and cataloging.	Mandatory at contract start; contractor may propose replacement	10500	U, O, M, E	U
PDMS	MailLarge - Space on an external to the KSC firewall Web server used to distribute files across the Internet that are too large to be transmitted effectively as email attachments.	Mandatory		U, O, M, E	U
MAXIMO	MAXIMO - Facility Systems and Equipment (FS&E) and Depot maintenance processing	Mandatory		U, O, M, E	U
PDMS	MEIT Cluster - A dual server enterprise cluster used as a web server for distributing MEIT test products to users outside KSC.	Mandatory		U, O, M, E	U
	MetCal - COTS package for Metrology and Calibration (Runs on Windows x86 platform)	Mandatory at contract start; contractor may propose replacement		U, O, M, E	U
PDMS	Metrology Management Information System (MMIS) - A system that provides the capability to enter, maintain and report on data related to the maintenance of equipment by the CAPPS calibration laboratory.	Mandatory at contract start; contractor may propose replacement	19000	U, O, M, E	U

Responsibility Codes:  
 U=User; M=Maintainer;  
 O=Operator; E=Sustaining Engineering

Contract NAS 10-02007

**APPENDIX 16A**

**IT SYSTEM RESPONSIBILITIES**

SYSTEM	NAME/FUNCTION	Mandatory	Lines of Code	CAPPS Role	Government Role
	NASA Equipment Management System (NEMS) - An approved government system for the management and tracking of government furnished property.	Optional		U	O, M, E
	OMRS Change Process -- Web-based system, maintained by the Shuttle Program, used for OMRS activity.	Mandatory		U	O, M, E
PDMS	Payload Data Library Voting (PDLV) - Allows NASA and Contractor employees to review, vote, and comment on Requirements Change Notices (RCNs), Time-critical Ground Handling Requirements (TGHRs), and other payload related documents, with e-mail notifications. Built using MSInterdev(ASP) against MSAccess.	Mandatory at contract start; contractor may propose replacement	4000	U, O, M, E	U
PDMS	Payload Integration Control Schedule - (PICS/PICSG) Schedules Work Authorization Documents	Mandatory at contract start; contractor may propose replacement	65000	U, O, M, E	U
PDMS	PDMS Data Warehouse - Enterprise-wide Payloads data is copied into the PDMS Data Warehouse once each day. The Data Warehouse can be accessed from locations external to the KSC firewall.	Mandatory		U, O, M, E	U
PDMS	PDMS Digital Imagery Management System (DIMS) -- Disk space on a Web server, external to the KSC firewall, used by contractor and civil service personnel to distribute files across the Internet that are too large to be transmitted effectively as email attachments. This capability is dedicated to distributing flight equipment photographs.	Mandatory		U, O, M, E	U
	PM50 -- KSC training database. Used to document and integrate all NASA and contractor training. PM50 is operated and maintained by the Joint-Base Operations Support Contract.	Mandatory		U	O, M, E
PDMS	Problem Reporting and Corrective Action - (QA/PRACA) - Used to identify, track, & report status information in support of Problem Reporting And Corrective Action (PRACA) activities. Interfaces with the WADnonWAD and PICS applications. The PRACA system also has an automated interface to the ISS Prime Contractor's problem tracking system.	Mandatory at contract start; contractor may propose replacement	28000	U, O, M, E	U
PDMS	Procurement - Used to establish electronic Purchase Requests, RFQ (Request for Quotes), Purchase Orders, and links procurement to WebRFQ, receiving, accounts payable; and furnishes data for budget management.	Mandatory at contract start; contractor may propose replacement	73600	U, O, M, E	U
PDMS	Quality Assurance (QA) Training Certifications Database (QACERTS) - Tracks employee certifications and expiration dates.	Optional	1000	U, O, M, E	U
PDMS	Repeatable Maintenance Recall System (RMRS) - A system that provides for entry, maintenance and reporting of data in support of performing and tracking repeatable maintenance on equipment for which CAPPS is responsible.	Mandatory at contract start; contractor may propose replacement	38000	U, O, M, E	U

Responsibility Codes:  
 U=User; M=Maintainer;  
 O=Operator; E=Sustaining Engineering

Contract NAS 10-02007

**APPENDIX 16A**

**IT SYSTEM RESPONSIBILITIES**

<b>SYSTEM</b>	<b>NAME/FUNCTION</b>	<b>Mandatory</b>	<b>Lines of Code</b>	<b>CAPPS Role</b>	<b>Government Role</b>
PDMS	Resupply & Return - (R&R) - Used to track selected hardware from point of issue through delivery to customer and subsequent return to stock or point of origin after deintegration.	Mandatory at contract start; contractor may propose replacement	103900	U, O, M, E	U
PDMS	Safety Corrective Action Report (SCAR) - Used to track and report on Safety issues and concerns that arise during daily activities and safety inspections.	Mandatory at contract start; contractor may propose replacement	1925	U, O, M, E	U
	SSPF Cable Database - A simple database describing cable routing and cable distances in the SSPF.	Optional		U,O,M,E	U
PDMS	Support Equipment Information Management System (SEIMS) - A system that supports the GSE used at KSC. The application houses data and retrieves data within the Payload Data Management System.	Mandatory at contract start; contractor may propose replacement	80000	U, O, M, E	U
SEPS	Sustaining Engineering Projects System (SEPS) - An Engineering Support Request (ESR) cost phasing tracking system to track the life cycle of an ESR as it moves through the Sustaining Engineering process and allow any particular ESR to be phased by the Project Manager.	Optional	7000	U, O, M, E	U
PDMS	System Integration (SI) - Used to control user screen permissions, employee maintenance, Rdb security maintenance, list of values (LOVs), print queue maintenance, transfer monitor/scheduling maintenance and database release management.	Optional		U,O,M,E	U
PDMS	TDArchive – An electronic data storage system used as the repository for Payload Processing as-run documents. Electronic web based search of the documents on TDArchive is available through the Tech Doc system.	Mandatory at contract start; contractor may propose replacement		U, O, M, E	U
PDMS	Technical Documentation System (Tech Doc) - An electronic data storage subsystem used for all formal documents (except engineering drawings).	Mandatory Use		U, O, M	U, E
PDMS	Training Tracking and Scheduling System (TTSS) - A system that tracks, reports and schedules employee training information.	Mandatory at contract start; contractor may propose replacement	49000	U, O, M, E	U
	WCTS (WAD Control Tracking system) - An database, hosted in Access, used to track WADs from release to file	Optional		U, O, M, E	U
PDMS	Weight and Center of Gravity (WT&CG) - Used to determine the center of gravity associated with a payload through the use of a laptop, Daytronics Unit, and calibrated load cells. The applications' presentation and logic tiers are written in Microsoft Visual Basic 6.0, while the persistence tier resides in SQL server 7.0	Optional	5000 (projected - application development completion is planned for 9/01)	U, O, M, E	U

Responsibility Codes:  
 U=User; M=Maintainer;  
 O=Operator; E=Sustaining Engineering

Contract NAS 10-02007

**APPENDIX 16A**

**IT SYSTEM RESPONSIBILITIES**

SYSTEM	NAME/FUNCTION	Mandatory	Lines of Code	CAPPS Role	Government Role
PDMS	Work Authorization Documents & Non-Work (WADNW) - Used to track the status of the Work Authorization Documents from the initial identification of the task through approval, implementation, and final closure of the paper. Open Item Status Reports (OISRs) are also produced within the WAD/NonWAD application.	Mandatory at contract start; contractor may propose replacement	60000	U, O, M, E	U

Responsibility Codes:  
 U=User; M=Maintainer;  
 O=Operator; E=Sustaining Engineering

Contract NAS 10-02007