Release 5A
Site Readiness Assessment

4 November 1999

740-PP-500-001

Agenda

1:00	Program Manager Introduction	Ron Klotz
1:05	Release 5A Capabilities Review	R. Hatfield
1:15	Results of 5A System Test Pgm Since CSR	R. Kniffin
1:45	Results of 5A On-Site Testing at EDC	J. Daucsavage
1:55	Results of 5A On-Site Testing at GSFC	M. Fuerst
2:05	Results of 5A On-Site Testing at LaRC	G. LeMay
2:15	Results of 5A On-Site Testing at NSIDC	L. Head
2:25	Break	
2:45	NCRs Delivered to Sites Since CSR	P. Johnson
3:00	Future Maintenance Releases to 5A	R. Miller
3:15	Readiness for EDC Transition	J. Daucsavage
3:30	Panel Deliberations	Review Panel
3:45	Panel Report	
4:00	Adjourn	

Introduction

R. Klotz

SRA in the SOW

2.4.1 ECS System-Level Reviews

Following system testing at the operational sites, a Site Readiness Assessment will be held for each operational site to review the results of site release testing and to determine whether the release is ready for transition to operations. The SRAs will address the readiness of an ECS Release for operations transition. The reviews will address:

a. Review results of on-site testing

b. Review existing liens against system functionality and work-off plans

c. Determination of readiness of system at the site to transition to operations with new release

The SRAs will be held for each operational site at the times indicated in the Delivery Schedule. The reviews may be combined, depending on site operations transition schedule.

5A SRA Approach

- Review capabilities
  - As released at CSR
  - Added via patches
- Update results of System Test Program
- Review each DAAC's operational HW and SW baseline and results of site testing
  - Document site HW and SW configuration
  - Document site written NCRs and status
- Review deployment of custom and COTS SW baseline updates
- Review plan for future SW baseline deployments
- Review EDC DAAC's assessment for readiness of 5A to transition to operations

Release 5A Capabilities Review

R. Hatfield

System Capabilities Added in 5A

- Upgrades for Y2K
- External interface for replacement orbit data from FDS
- PDPS internal delete from archive
  - Allows PDPS to cleanup temporary products

✸ DAO ingest
  - "First-Look" products (DFLAPCHM, DFLAPMIS, DFLAXCHM, DFLAXCLD, DFLAXENG, DFLAXLSM, DFLAXMIS, DFLAXSTR)
  - "Late-Look" products (DLLAPMIS, DLLAXMIS)

✸ Ingest and archive of SAGE III Level 0 data from the MOC
  - Level 0 data is made available to the SAGE III SCF via standard subscription services

✸ Capability delivered in a Release 4 patch but formally tested as part of Release 5A

System Capabilities Added in 5A (cont.)

- ✸ **High volume data ingest from external processing systems using the SIPS interface**
  - **Data providers: MODAPS (including MODIS Oceans), MOPITT, SAGE III, ACRIM, ASTER DEM, NISE, ASTER OSF**
- ✸ **Cross-DAAC (unsubsetted) data transfers to support data production (also support for cross-mode data transfers)**
- ✸ **Ingest and archive of Landsat 7 IGS metadata (format 0 only)**
- **Order production history data**
- **System Management enhancements - Sybase monitoring, host resource monitoring using Tivoli**
- **Integrated Browse**
- **~1100 NCR fixes**

✸ **Capability delivered in a Release 4 patch but formally tested as part of Release 5A**

System Capabilities Added in 5P

Additional capabilities delivered as a patch to 5A

- **V0 Gateway support for QA flags and LocalGranuleID**
- **Support for adding new attributes and services to an ESDT without re-installing it**
- **4PY to 5A transition scripts**
- **HDF-EOS Recovery**

Results of 5A System Test Program Since CSR

R. Kniffin

Sev. 1 & 2 NCRs Written by System Test Program

	Number of Open NCRs Not in V or C State			
	At CSR		As of 10/22/99	
	Sev 1	Sev 2	Sev 1	Sev 2
Pre-CSR Testing				
Non-Y2K 5A Criteria NCRs	0	7	0	1
Y2K Criteria NCRs	0	2	0	1
Non-Criteria Related NCRs	1	22	1	7
Post-CSR Testing				
Non-Y2K 5A Criteria NCRs	--	--	0	0
DAAC to DAAC Dist. Ingest	--	--	0	0

Sev. 3 CSR Non-Y2K Criteria NCRs not in V or C State as of 10/22/99

Functional Category	NCR	Sev	Feature Group Title	FC Status	EC Status	NCR State	Status
Search & Order	23334	3	V0 Inter-operability via the V0 Web I/F	NT	W	N	Spatial search does not return global granules
Ingest	18187	3	Landsat 7 IGS I/F	NT	W	A	Related to error handling
Ingest	23073	3	Landsat 7 IGS I/F	NT	W	A	FTP/KFTP failure could not be obtained. Related to error handling. Low risk.
Ingest	21313	3	Landsat 7 IGS I/F	NT	W	R	IAS002 polling core dumps for an invalid data type
Ingest	23360	3	SIPS I/Fs	W	W	A	Email PANs occasionally not sent
Ingest	23284	3	Landsat 7 IGS I/F	NT	W	A	Incorrect number of metadata files reported as science files

Sev. 3 CSR Y2K NCRs not in V or C State as of 10/22/99

Test Case	NCR	Sev	NCR State	Lien Assessment
TS0388 IOS Year 2000 Test	21723	3	N	Not Y2K related. ESOD temporal searches do not work correctly. No impact since user access to ESOD is not enabled with EDG
Y120330.040 ASTER Routine Processing	21471	3	A	Autosys event processor died during 12/31/99 - 1/1/00 crossover. Impact is low if vendor does not fix this. Recovery is to restart the event processor and the PGEs will continue without manual intervention
Y100230.040 MODIS Product Subscription & QA	21472	3	N	Zmail not Y2K compliant. Zmail is replaced with Netscape communicator. Low impact
TC0069 User Account Registration	21632	3	R	Not Y2K related. GUI displays four digit year incorrectly. Low impact

Sev. 1 & 2 NCRs Written by System Test Program not in V or C State (1 of 2)

as of 10/22/99

Test ID	NCR	Test Title/NCR Title	Sev	Status
Non-Y2K Criteria NCRs				
B090120.020$L_5A	23379	QA Granule not linked to science granule in SDSRV database.	2	5A.03
	Criterion:	1253		
Y2K Criteria NCRs				
TS0493 (DPREP)	22624	Y2K: Match granule can corrupt start/stop times of other granules.	2	5A.03/Vixen
	Criteria:	1170, 1173, 1174, 1219, 1177, 1178, 1179, 1180, 1182, 1183, 1192, 1185, 1188, 1190, 1191		

Sev. 1 & 2 NCRs Written by System Test Program not in V or C State (2 of 2)

as of 10/22/99

Test ID	NCR	Test Title/NCR Title	Sev	Status
Non-Criteria Related NCRs				
N/A	23406	Can't ingest L7IGSWRS data in 5A	1	State: T
N/A	23372	PREditor is not deleting correct entries from PDPS DB	2	State: T
N/A	23387	Cannot reprocess DPREP	2	5A.03/Vixen
N/A	23382	Cannot activate DPREP DPR	2	5A.03
N/A	18409	DPREP: Output from Step 3 DPREP cannot be accessed	2	State: R
N/A	21486	SQS "within" operator: size restriction is unacceptable/ error text wrong	2	State: A
N/A	21103	V0GW: Coredumps on GranuleID search	2	State: R
N/A	21952	Y2K: L7 MOC script calls 123000 and 123100 Day 366	2	State: T

EDC DAAC

J. Daucsavage

EDC DAAC Hardware Configuration

See 920-TDE-001 available through the ECS Baseline Website (link can be found on the EDHS Homepage).

EDAAC Site SW Configuration

As of 28-Oct-99

Mode	Current Baseline	Applied Upgrades	
Shared	5A	COTS Upgrades:	5A Shared (8/23/1999) 09/02/1999 - SQS - upgrade 2.2.2.29 to 3.2.2 09/23/1999 - Satan - installed on e0acs03 (result of audit) 09/28/1999 - AMASS - upgrade 4.9.1.3 to 4.10.1 09/30/1999 - Netscape Browser - upgrade 3.0 to 4.51 and removed from some machines 09/30/1999 - Autosys - upgrade GUIs3.3 Rel7 to 3.4.2 10/12/1999 - Tcl/Tk / Wish - upgrade 7.6 to 8.0 10/15/1999 - swing - new COTS product for JDT on e0ins02
TS2	4PY.12	Test Executables:	99-0867 Doc TE- Pull Monitor, 99-0926 Dancer TE, 99-0971 5A.03 Blitzen TE (JDT/MOJO), 99-0953 Albany TE
		COTS Upgrades:	NO Mode Dependent COTS

EDAAC Site SW Configuration (Cont.)

As of 28-Oct-99

Mode	Current Baseline	Applied Upgrades	
TS1	5A.02	Test Executables:	99-1017 5A.04 Diablo:Gehrig - JDT plus 99-1002 which includes the following 5A.03 Cyclops test executables: Doc 99-0862 Dopey 99-0874 Sneezy 99-0875 Dasher 99-0892 Comet 99-0925 Snow White 99-0929 Sleepy 99-0846 Albany 99-0968 Aladdin 99-0997
		COTS Upgrades:	Re-built version of RogueWave 7.0.2

Ops	4PY.12	Test Executables:	99-0867 Doc TE- Pull Monitor, 99-0926 Dancer TE - dist file size errors, 99-0953 Albany TE, 99-0786 DMS Upgrade TE
		COTS Upgrades:	NO Mode Dependent COTS

EDAAC 5A Sev 1& 2 NCRs

As of 28-Oct-99

- All testing to date is checkout of TS1

Test ID	NCR #	Test Title/NCR Title	Sev	Status
DMS b	24497	EDG Search & Order/ Path/Row search fails	1	Test executable required to ECS Gateway (failed testing)
CLS	24535	JAVA DAR Tool/ not creating subscriptions	1	Fix underway
DMS b	24551 24538	EDG Search & Order/ Integrated browses doesn't work	1	ECS working issue
MSS a	24459	User Registration Services/ GUI Cores needed for JDT	2	Workaround; used 4PY .dat file
PDPS b	24470	Run PGEs/ AsterOnDemand.pkg	2	Workaround: special delivery from 5A.03
DMS a	24520	Data Dictionary Maintenance/ ESDT update tool fails on descriptors	2	Workaround: ignore error message and check
CLS	24552	JAVA DAR Tool/ Submit DARs is slow and unable to do searches. Intermittently reporting a 15051 parse error.	3	EDAAC challenges severity

GSFC DAAC

M. Fuerst

GSFC DAAC Hardware Configuration

See 920-TDG-001 available through the ECS Baseline Website (link can be found on the EDHS Homepage).

GDAAC Site SW Configuration - Shared

As of 28-Oct-99

HW and COTS Configuration as of 25 October

- **Current Baseline:** Drop 5A.02
- **Applied Upgrades:** AMASS 4.10.1, AutoSys 3.4.2, Builder Xcessory 5.0, DbXessory 1.5, JRE 1.5, Netscape Communicator 4.5.1, SGI Patch 2813 & 3140, Tcl-Tk 8, SQS 3.2.2
- **CCRs Recently Completed**
  - Unencapsulate ROOT Disks on MSS Boxes (CCR 99-1009)
  - Removal of Netscape Server from icg01, 02, and acg01 and 05 (CCR 99-0844 & 49)
  - Solaris Security, Y2K, and DCE Patches (CCR 99-0852)
  - Removal of wkg01 (CCR 99-1023)
  - Removal of Mount Points (CCR 99-0985)
- **Pending COTS Related Work Activities to be Completed in November**
  - IDL 5.2 Waiting for Software Delivery (CCR 99-0695)
  - Various Upgrades to drg02 (CCR 99-0199)
  - Integrate Archive SILO II in Baseline
  - Integrate Browse Archive
  - Install Replacement D3 Tapes in Archive

GDAAC Site SW Configuration - Modes

As of 28-Oct-99

Configuration as of 25 October '99

Mode	Current Baseline	Test Executables
Ops	Drop 5A.02	2 Reindeer: Dasher, Comet 5 Dwarfs: Sleepy, Happy, Doc, Sneezy, Bashful 5 Places: Richmond, Albany, Boise, Hartford, Annapolis 3 Baseball Players: Aaron, Mantle, Cobb 3 DPREP Fixes: FDD, Time Gap, Node Crossing
TS1	Drop 5A.02	2 Reindeer: Dasher, Comet 5 Dwarfs: Sleepy, Happy, Doc, Sneezy, Bashful 5 Places: Richmond, Albany, Boise, Hartford, Annapolis 1 Baseball Player: Aaron 1 DPREP Fix: FDD
TS2	Drop 5A.02	2 Reindeer: Dasher, Comet 5 Dwarfs: Sleepy, Happy, Doc, Sneezy, Bashful 5 Places: Richmond, Albany, Boise, Hartford, Annapolis 3 Baseball Players: Aaron, Mantle, Cobb 2 DPREP Fixes: FDD and Time Gap

GDAAC 5A On-Site Testing

- On-Site Testing Conducted at the Goddard DAAC
  - EGS-10 Testing in August
    - Exercise “Day in the Life” Operational Scenarios
    - Based on Operational Readiness Exercises
    - Pre-staged Data in L0 Buffer
    - Nominal Interface Activity with Externals
  - MOSS-3 Testing in October
    - Two Phases; Dry Run (4-8 Oct) and Formal (18-22 Oct)
    - Based on ESDIS Test Objectives
    - Live Data from EDOS, FDD, Larry, DAO, and MODAPS
    - First “Strenuous” Exercise of SIPS I/F for Data to/from MODAPS
    - Numerous Test Executables Delivered & Installed
    - Numerous Changes to Listen Threads, Resource Allocations, and Distribution Strategy

GDAAC 5A Sev 1& 2 NCRs (1 of 2)

As of 28-Oct-99

Test ID	NCR #	Short Description:	NCR Severity	Status
EGS-10	23276	Can not generate a DPR for MODIS PGE02	1	NLP
EGS-10	23750	PGE01 failing in staging in OPS mode	1	NLP
Post EGS-10	23946	Cannot ingest data from EDOS	1	TE
Post EGS-10	23958	unable to ingest AST_EXP data	1	TE
Post EGS-10	23961	PDPS database reset hangs, Subscription manager still locks rows in db	1	TE
Post EGS-10	23961	Exclusive page locks in PDPS	1	TE
Post EGS-10	24034	SubSrvr core dumping in OPS	1	TE
Post EGS-10	24113	Optional production rule based on DPR time rather than data avail. Time	1	SO
EGS-10	24208	Some MOD02SS1 granules corrupted on distribution	1	NLP
Post EGS-10	24229	Unable to ingest ASTER expedited (VNIR, TIR, & SWIR) data	1	TE
Post EGS-10	24286	Hanging of Storage Management	1	TE
MOSS-3	24337	PDPS subscription manager too slow	1	SO
Post EGS-10	24355	Staging hanging in staging	1	TE
MOSS-3	24364	Distribution cored several times	1	TE
MOSS-3	24372	Signal file no longer sent to ASTER GDS	1	TE
MOSS-3	24390	PDPS database locks in OPS mode	1	SO
MOSS-3	24402	FtpDisServer goes down frequently in OPS	1	TE
MOSS-3	24431	AMASS lost 124 files after a restart	1	SO
MOSS-3	24437	DPREP fails to calculate correct number of intervening orbits	1	TE
Post EGS-10	23301	Password visible in Distribution server log	2	SO
Pre-EGS-10	23556	Password printed on the screen during dbbuild	2	NLP
Pre-EGS-10	23563	Valids missing from Client for MODIS	2	NLP
Pre-EGS-10	23568	Distribution GUI not showing state	2	TE
EGS-10	23672	File size notification msg and the actual one differ	2	SO
EGS-10	23700	Registered user showing up as ECSGuest	2	SO

NLP = No Longer a Problem TE = Test Executable SO = Still Open as a Problem

GDAAC 5A Sev 1& 2 NCRs (2 of 2)

As of 28-Oct-99

Test ID	NCR #	Short Description:	NCR Severity	Status
Pre-EGS-10	23710	Failed subscription with status error message DsEStFailureOpeningFile	2	TE
EGS-10	23711	Geographic coverage info is empty in EDG Granule results	2	SO
EGS-10	23712	Server sent production time instead of begin/end time to EDG	2	SO
EGS-10	23715	External orders not appearin in distribution GUI	2	TE
EGS-10	23780	Subscription cancellation email lacks critical information	2	SO
EGS-10	23792	Subscription qualifiers lack combinations	2	SO
EGS-10	23902	Machine time out of sync w/DCE master	2	SO
EGS-10	23906	Subscriptions with qualifiers rejected	2	NLP
EGS-10	23913	Sybase backups reside on local disk	2	NLP
Post EGS-10	23941	Reinstallation of newly-delivered ESDTs fails due to dictionary attributes	2	NLP
Post EGS-10	23950	FDD is having a problem ingesting	2	TE
Post EGS-10	24000	STMGT and Dist servers will not stay up in OPS	2	TE
Post EGS-10	24011	QA monitor fails to query	2	NLP
MOSS-3	24021	InGran has cored 5 times in last hour	2	SO
Post EGS-10	24107	g0mss21 Req GUI cores when anything in NASA user field	2	NLP
Pre-EGS-10	24109	Unable to Delete DPRs	2	SO
Post EGS-10	24124	PGE registration does not populate required db	2	NLP
Post EGS-10	24125	GDAS_OZF fails ingest	2	TE
Post EGS-10	24235	ESDT descriptor cleanup needed	2	SO
Post EGS-10	24287	PDPS does not see the availability of granules	2	TE
Post EGS-10	24288	PDPS SubMgr fails to process notifications	2	TE
EGS-10	24341	User registration GUI disappears	2	SO
EGS-10	24345	AM1 DPREP does not detect nodes between data segments	2	TE
EGS-10	24385	ASTER_EXP data failures	2	TE
EGS-10	24387	Cannot change priority from the Planning Workbench	2	SO
MOSS-3	24388	Production Planning Timeline GUI not present when PDPS db has over 750 DPRs	2	SO
MOSS-3	24399	AMASS volume unreadable	2	SO
EGS-10	24438	Failure to explode DPRs using PROCESSING_BOUNDARY offsets	2	SO

NLP = No Longer a Problem TE = Test Executable SO = Still Open as a Problem

LaRC DAAC

G. LeMay

LaRC DAAC Hardware Configuration

See 920-TDL-001 available through the ECS Baseline Website (link can be found on the EDHS Homepage).

LDAAC Site SW Configuration

As of 22-Oct-99

Mode	Current Baseline	Applied Upgrades	
Shared	5A.02	COTS Upgrades:	SQS322, RogueWave 7.0, SGI2813 Patch
TS2	5A.02	Test Executables:	Happy, Sleepy, Doc, Sneezy, Bashful, Dasher, Albany, Richmond, Boise, Aaron
		COTS Upgrades:	None
TS1	5A.02	Test Executables:	Happy, Sleepy, Doc, Sneezy, Bashful, Dasher, Albany, Richmond, Boise, Aaron
		COTS Upgrades:	None
Ops	5A.02	Test Executables:	Happy, Sleepy, Doc, Sneezy, Bashful, Dasher, Albany, Richmond, Boise, Aaron
		COTS Upgrades:	None

LDAAC 5A Sev 1& 2 NCRs 1(of 4)

As of 28-Oct-99

Test ID	NCR #	Test Title/NCR Title	Sev	Status
DAAC	24284	SSI&T Static File Insertion Tool Not inserting into all	1	Fixed by changing local scripts. Parallel insertion now works
DAAC	24285	MIP1 PGEs Failing in Staging: Insufficient disk resources	1	Problem no longer occurs since delivery of other fixes
MOSS-3	24379	MOSS3: Failed PGE tar files do not include _PGE.IN or .Log	1	Rejected
DAAC	24205	AM1Eph DPREP Profile 2 Fails execution at 5A.02	1	Fixed by 5A.03
DAAC	24085	Jobs failing at all stages with DpPrResourceLock Failure	1	Fixed by Dasher
DAAC	24121	Jobs on CQ_HOLD which should have data available	1	Duplicate of 24116
DAAC	23674	DDIST GUI core dumps with an XWIN error	2	Fixed by 5A.02
DAAC	23675	MOSS2 - Can’t insert DAO granules into ECS Data Server	2	Fixed by 5A.02
DAAC	23696	Science Data Server insert core Dump IOacs03 TS2 Drop 5A.0	2	Duped to 21090 as a Sev 3. Workaround in place to avoid

LDAAC 5A Sev 1& 2 NCRs (2 of 4)

As of 28-Oct-99

Test ID	NCR #	Test Title/NCR Title	Sev	Status
DAAC	23795	MISR ESDT MI1AMOT failed to install into TS2 for Drop 5A	2	Fixed Drop 5A.02
DAAC	23942	IOdrg01, AMASS database is invalid	2	Part of on-going archive problems Not drop dependent
DAAC	23943	IOdrg01, AMASS database	2	Dup of 23942
DAAC	24009	PREditor does not find data at DPR creation	2	Partial fix received, still in work by development
DAAC	24010	DPREP PGE EcDprAm1Edoes EphAttDPREP_PGE failed to …	2	Will be delivered in 5A.03
DAAC	24021	Cannot resolve input pointer values for instances where …	2	Will be delivered in 5A.03
DAAC	24022	ssit files not accessible to AI&T	2	CCR received and being
DAAC	24106	re:Drop 5A.02 - Problem with .cfg	2	Dup of 23811. Will be delivered
DAAC	24109	PREditor: Cannot delete DPRs	2	Fixed in Vixen
DAAC	24116	PRE does not match granule as it	2	Still being worked with 24009
DAAC	24204	EcDsScienceDataServer lost its	2	NAB
DAAC	24242	Email PDRD message does not	2	Fixed in 5A.03

LDAAC 5A Sev 1& 2 NCRs (3 of 4)

As of 28-Oct-99

Test ID	NCR #	Test Title/NCR Title	Sev	Status
DAAC	24243	Planning GUIs do not cycle ALOGs	2	Dup of 24244
DAAC	24244	PLS GUIs do not produce debug logs	2	Drop 5B
DAAC	24264	EcCoScriptlib: start_program processes GUI arguments incorrectly	2	NAB
DAAC	24265	Mi1ANAV ESDT needs to be updated to conform to data generated by MISR PGE	2	Will be delivered in 5A.03, local workaround in place
DAAC	24279	EcPlSubMgr Core Dump in TS2/5A.02	2	Single occurrence that has not repeated
DAAC	24298	Drop 5A.02: Cannot deliver PANs for MOPITT SCF via FTP	2	Fixed by EDF Network Engineering
MOSS-3	24400	MOSS3: DsESTUnknown Error occurred during FtpPush Dist.	2	Not observed since installation of Aaron
DAAC	24401	User defined DPREP PGE runtime parameters are not written ...	2	

LDAAC 5A Sev 1& 2 NCRs (4 of 4)

As of 28-Oct-99

Test ID	NCR #	Test Title/NCR Title	Sev	Status
MOSS-3	24429	MOSS 3: MISR DPR MIP1CF#2. 115150134OPS fails to alarm …	2	NAB documentation problem
MOSS-3	24430	Many dead lock error messages being generated on lOacg02	2	

LDAAC 5A NCR SUMMARY

October 22, 1999

Severity	Resolved	Fix Identified	Other
1	6	0	0
2	13	2	10
3	6	4	16

NSIDC DAAC

L. Head

NSIDC DAAC Hardware Configuration

See 920-TDN-001 available through the ECS Baseline Website (link can be found on the EDHS Homepage).

NSIDC Site SW Configuration

As of 22-Oct-99

Mode	Current Baseline	Applied Upgrades	
Shared	5A.02	**COTS Upgrades**	AMASS 4.10.1, SQS 3.2.2, Tcl-Tk 8.04, SGI Patch 2813
TS2	4PY.06	**Test Executables**	None
TS1	Prepped for 5A	**Test Executables**	None
OPS	5A.02	**Test Executables**	Happy, Doc, Bashful, Comet
		COTS Upgrades	RogueWave 7.0.2

NSIDC DAAC On-Site Testing

- On-Site Testing Conducted at the NSIDC DAAC
  - MOSS-2
    - Dry Run 7/29/99 - 8/3/99
    - Based on ESDIS Test Objectives
  - ECS End-to-Ends
    - 9/28/99
    - Based on ESDIS/ECS Test Objectives
  - MOSS-3
    - Dry Run (4-8 Oct) and Formal (18-22 Oct)
    - Based on ESDIS Test Objectives
    - Included testing MODAPS PDR server and DAAC-to-DAAC transfers using NISE product

NDAAC 5A Sev 1& 2 NCRs (1 of 2)

As of 28-Oct-99

Test ID	NCR #	Test Title/NCR Title	Sev	Status
MOSS-3	24514	Can't search NISE data through EDG	1	
DAAC	24135	Drop 5A Epsilon - SDSRV fails opening temp file during ingest	1	Dup of 24087
DAAC	24087	SDSRV failure to open temporary file during metadata validation	1	Closed - unreproducable
DAAC	24096	Contention between ftp pushes and 8m Ddist	2	Dup of 23998
DAAC	24282	Ddist fails request after resumption	2	Cost analysis
DAAC	24283	8mm tape request failed - no retry option	2	
MOSS-3	24453	Cannot ftp NISE data directly to n0ICG01 from V0	2	

NDAAC 5A Sev 1& 2 NCRs (2 of 2)

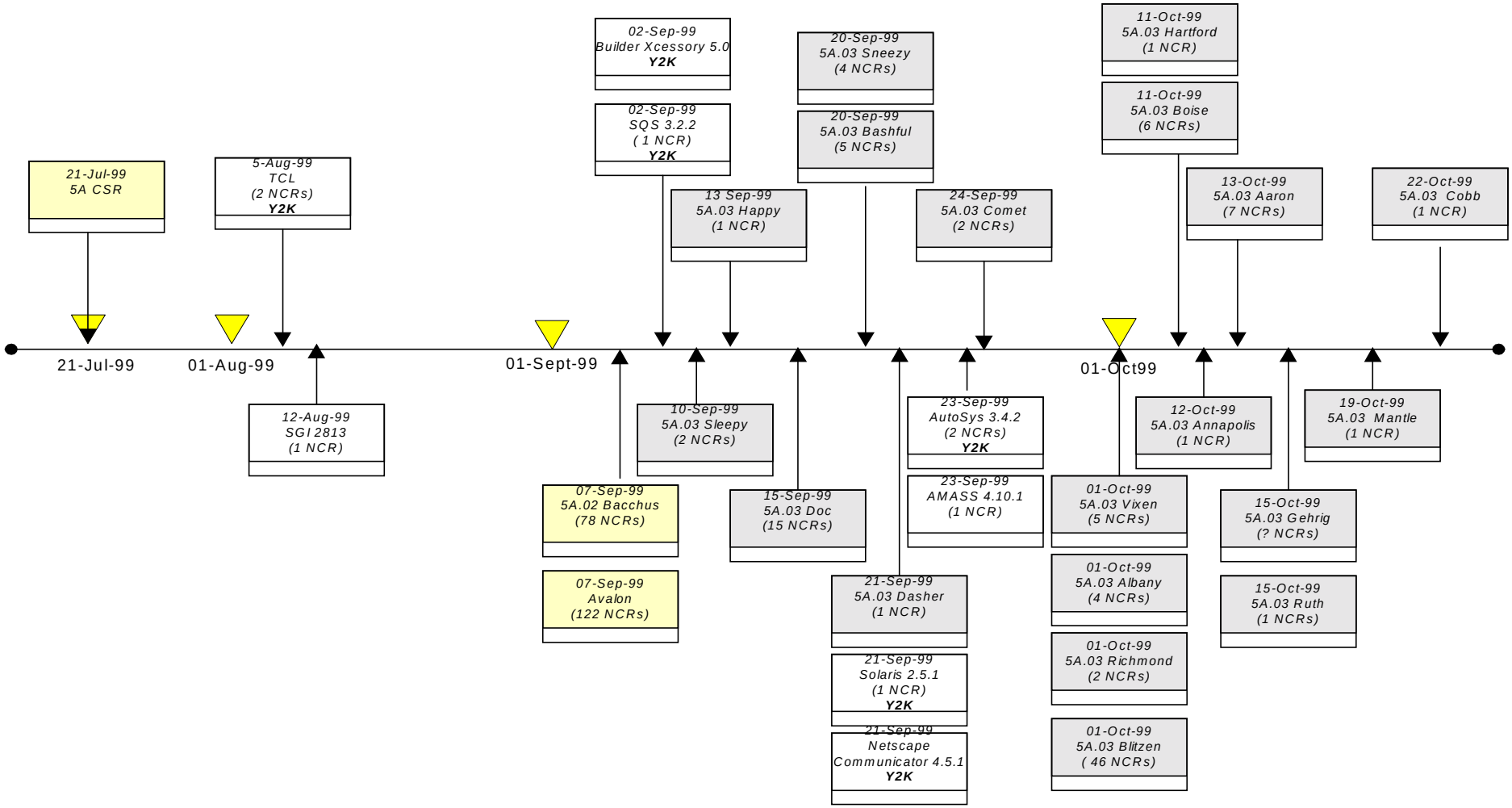
As of 28-Oct-99

Test ID	NCR #	Test Title/NCR Title	Sev	Status
MOSS-3	24499	Subsetting geographic coverage limited at NSIDC	2	
MOSS-3	24527	Order tracking GUI does not list ftppush requests	2	
DAAC	23998	Mutex in Resource Provider appears to hang DDIST	2	

NCRs Delivered to Sites Since CSR

P. Johnson

Deliveries to Sites Since CSR



NCRs Delivered to Sites Since CSR

TCL (Total NCRs = 2) Release Date: 08/05/99

Synopsis: Y2K Maintenance Upgrade, fix to halt execution problem and recompile so the error messages go to standard ECS directory.

ECSed17250	3	EcCoAssist on SUN platform still generates a failed auto mount of /home/a
ECSed18970	3	Expect shell problem - Does not halt execution correctly if the anticipated characters do not return from a command.

SGI Patch 2813 (Total NCRs = 1) Release Date: 08/12/99

Synopsis: Delivered SGI Patch 2813 containing the C++ run time library responsible for handling of exceptions fails to catch a raised exception causing a core dump.

ECSed20749	3	SubAgents on drg01 and 02 core dumping after initial start up

NCRs Delivered to Sites Since CSR (cont.)

5A.01 Avalon (Total NCRs = 122, 60 Sev 3s, 1 Sev 4) Release Date: 08/16/99

Synopsis: Recompile custom code using the lastest Rogue Wave and OODCE libraries, delivered software to support additional MOPIT and MISR data types, fix for descriptors with special characters in the valids string and deadlocks in Staging Disk Server. Delivered as a part of the 5A.01 Bacchus Patch on 09/07/99

ECSed23276	1	GSFC/SMC: Can not generate a functional DPR for MODIS PGE02 Version 2.2.0
ECSed23386	1	ESDTs will not ingest (2 MOPIT and 6 MISR data types)
ECSed23566	1	Valids Correction for String - Unable to install descriptors for "clean" install
ECSed23707	1	DPS does not correctly generate PCF entries for alternate inputs.
ECSed23750	1	GSFC/SMC - PGE01 failing in staging in OPS mode (5A Epsilon)
ECSed12674	2	Autosys created an incomplete job box
ECSed21253	2	EcDsStConfigVolGrps doesn't properly set up backup volume groups
ECSed21692	2	Errors in the StorageMgmtKey parameter values
ECSed21693	2	Errors in the IngestFtpKey parameter values
ECSed22122	2	PREditor should not invoke without a DCE login
ECSed22599	2	Fix core dump in SubAgent caused by invalid memory access in PollStatus
ECSed22714	2	STMGT GUI looses configuration information after it has been entered
ECSed22768	2	SSIT: Insert static gets deadlocks when run in parallel.
ECSed22835	2	GSFC/SMC-DDIST GUI only shows 1 data set when 2 ordered
ECSed23007	2	Failed PGE tar file not produced when PGE manually killed
ECSed23064	2	Staging Disk Crashes under heavy loads
ECSed23148	2	Change orderId/requestId to new format
ECSed23196	2	Staging disk server leaks file descriptors on start up
ECSed23205	2	GSFC/SMC Can not continue processing if incomplete
ECSed23259	2	SDSRV client insert interface assigns bad system ESDT version ID
ECSed23272	2	New valids needed for ACRIM descriptors

NCRs Delivered to Sites Since CSR (cont.)

ECSed23293	2	External data provider for L7IGS needs to be change
ECSed23297	2	GSFC/SMC: Update password available in clear text for SDRV
ECSed23298	2	GSFC/SMC: Update password available in clear text for Ingest
ECSed23320	2	Landsat PCD file Extend StagingDisk Problem
ECSed23322	2	Html and gif filenames incorrect - IOS Web page will not start
ECSed23324	2	Change the Storage Mgmt key for MODAPS so that MODAPS will stage on DRG
ECSed23325	2	Change Imakefile to make use of new OODCE and Roguewave Libs
ECSed23329	2	MOPITT PSAs need to be added
ECSed23330	2	No LaTIS ExternalDataProvider delivered in Ingest database
ECSed23347	2	Setable FTPDis blocksize missing from Ithaca
ECSed23351	2	Need to add new valids into DDICT
ECSed23365	2	Wrong disposition obtained for ingest MOP02 15 min before ingest MOP01
ECSed23370	2	Ingest a science granule w/ an LGID ptr to a non-existent gran ID fails.
ECSed23374	2	LGID parse error if LocalGranuleID value contains a ":"
ECSed23388	2	4PY to 5A SDSRV Database transition failed in 5.0 and 5.1 patch
ECSed23477	2	SDSRV has memory leaks in DsShDescriptor class
ECSed23495	2	Subscriptions are deleted before the expiration date is reached.
ECSed23556	2	GSFC/SMC Password printed on the screen during dbbuild
ECSed23574	2	4PY11:MODAPS ingest via SIPS blocks L7 ingest
ECSed23581	2	SBSRV has database password in config file
ECSed23588	2	L7 scenes do not always combine when doing a simultaneous F1 and F2 Ingest
ECSed23589	2	Image read error during an Integrated Browse.
ECSed23597	2	EcIoAdSiteSpecificMkcfg lists incorrect html and gif filenames
ECSed23605	2	Duplicate Instrument Short Name in SDSRV Valids File
ECSed23610	2	HdfEos Servers are core dumping upon Auto Restart
ECSed23611	2	DPREP toolkit log errs with message no more packets in internal file
ECSed23646	2	dump Tran in EcInDbPatch script execute truncate_only c

NCRs Delivered to Sites Since CSR (cont.)

ECSed23660	2	ACRIM ESDTs added to baseline list
ECSed23666	2	Dump Tran in EcDsStPatch script execute
ECSed23670	2	Prioritized acquires needed for MODAPS during MOSS-2
ECSed23692	2	Unable to do L7 Acquires using the Gateways
ECSed23737	2	MOSS-2: OPS Mode: Ingest of ancillary data from GSFC La

SQS 3.2.2 (Total NCRs = 5, 4 Sev 3s) Release Date: 09/02/99

Synopsis: Y2K Maintenance Upgrade and resolution to problem found internally while testing the upgrade from 2.2 to 3.2.2 --- SDSRV database in SQS 3.2.2 format cannot be successfully dumped and re-loaded using Sybase utilities. Identified problem as a bad Autometrics supplied 2.2 -> 3.2.2 upgrade script.

ECSed22896	2	SQS 3.2.2 won't successful restore/load of SDSRV Database

5A.02 Bacchus (Total NCRs = 78, 49 Sev 3s, 2 Sev 4s, 2 Sev 5s) Release Date: 09/07/99

Synopsis: Included 5A.01 code baseline fixes, fixes from EDC Transition (4PY - 5A), memory leaks in Science Data Server, new ESDT for 100m DEM data set, Ingesting of EDOS EDR version 01 data.

ECSed23946	1	GSFC/SMC: Cannot ingest data from EDOS
ECSed15575	2	Large MISR Gpolygon ESDTs require Orbit based Search "ref. NCR 14223"
ECSed16254	2	HdfEosServer does not set RPC client id
ECSed22177	2	V0ToEcsGateway has a memory leak
ECSed22778	2	Subscription Delivery Notification: 'USERSTRING'
ECSed22874	2	New ESDT needed for EDC 100m DEM product

NCRs Delivered to Sites Since CSR (cont.)

ECSed22975	2	ESDTReference leaks cause massive growth in sdsrv
ECSed23067	2	PRONG: Fails to delete Multi-File Granules
ECSed23291	2	ASTER L0 expedited acquire DLL config for subscription & V0-ECS Gtway
ECSed23335	2	Geo.Center displayed incorrectly
ECSed23343	2	ASTER L0 expedited acquire DLL config for subscription & V0-ECS Gtway
ECSed23348	2	TS1:4PY.09:PDPS Autosys Processing -- Resource lock queue position fail
ECSed23364	2	AM1Eph flags wrong AM1EPHN0 data set for FDD replacement
ECSed23380	2	DPREP: AM1Eph Profile 2 & 4 does not flag gap at beginning of data set
ECSed23433	2	For DEM found some miss prints in the PGS_DEM_Subset function
ECSed23595	2	Temporal constraint of year 1901 interpreted as 2001
ECSed23658	2	GSFC/SMC-Distribution GUI not showing State
ECSed23774	2	Add mutex to the DBinterface code for using multiple SQS server
ECSed23785	2	SWdefboxregion does not identify all points in the defined region
ECSed23841	2	Toolkit fails to access end of eph. & attitude files having UR items in
ECSed23858	2	Memory leaks in SDSRV De library
ECSed23859	2	Deleting a Running Ground Event Job causes Job Management to Core Dump
ECSed23872	2	SDSRV Fails validation of acquire request with UserString
ECSed23883	2	Narrow Sybase access DsDbCleanGranule and DsDbCleanCollection fail
ECSed23894	2	Support for MISR Orbit Search NCR15575
ECSed23899	2	SBSRV could not accept subscriptions with qualifiers.

5A.03 Happy (1 NCR)

Release Date: 09/13/99

Synopsis: Fixed problem with the not being able to insert granules with the same local granule id into the system. Required for MOSS 2 and ETE Testing at Sites.

ECSed24016	2	Can't Insert The Same Granule >1 Time

NCRs Delivered to Sites Since CSR (cont.)

5A.03 Sleepy (2 NCRs) Release Date: 09/10/99

Synopis: Fixed FTP Browse and Sybase page locks in PDPS. Required for MOSS 2 and ETE Testing at Sites.

ECSed23928	1	FTP-Browse Failed
ECSed23961	1	GSFC/SMC - Exclusive page locks in pdps

Solaris 2.5.1 (1 NCR) Release Date: 09/21/99

Synopis: Delivery to correct security flaws found at Goddard.

ECSed23346	1	GSFC/SMC- Solaris 2.5.1 Security Patch update at Goddard

5A.03 Doc (15 NCRs, 4 Sev 3s) Release Date: 09/15/99

Synopis: Fixes for PullMonitor core dumps, Pull Monitor performance, Pull Monitor Memory Leaks reduced, Staging Disk Server core dumps, single threaded FTP Push problem.

ECSed23634	1	OPS:4PY.09/10:PullMonitor cored during distribution
ECSed23962	1	OPS:4PY.09/10:PullMonitor takes five hours to warm start
ECSed19689	2	GUI show incorrect information for Cache Information
ECSed20571	2	DDIST Single Threading FtpDis?
ECSed23068	2	Can't update config params for Pull Monitor if cache has many files
ECSed23710	2	GSFC/SMC-FAILED SUBSCRIPTIONS with status error message
ECSed23775	2	Incorrect metadata file extension for non-unique local granule ids
ECSed23917	2	Limit on the length of UserString is not sufficient in database.
ECSed23963	2	Pull Monitor warm start logic is incomplete

NCRs Delivered to Sites Since CSR (cont.)

ECSed23991	2	Staging Disk Instrumentation causes core dump
ECSed24059	2	FTP Daemon client interface causes core dumps on Sun

Bashful (5 NCRs, 1 Sev 3) Release Date: 09/20/99

Synopis: Fix for Science Data Server memory leak.

ECSed24130	1	SDSRV memory leaks in search
ECSed23260	2	Collection Level PSA value not returned on granule acquire
ECSed23925	2	Granule(Inventory) level Spatial values not returned on granule acquire
ECSed23979	2	GSFC/S<C: Geographic coverage info

5A.03 Sneezy (4 NCRs) Release Date: 09/20/99

Synopsis: Modified the timers for optional inputs so that they are started by SubMgr at the time when the last piece of required input comes in, except if at PRE time, all the required inputs are already available, PRE will start the timer for optional inputs.

ECSed24113	1	Fwd SMC/GSFC: Optional production rule based on DPR time ra
ECSed22624	2	Y2K: Match granule can corrupt start/stop times of other granules
ECSed24009	2	PREditor Does Not Find Available Data At DPR Creation
ECSed24081	2	Production Request Editor core-dumps when creating a PR for DPREP

5A.03 Dasher (1 NCR) Release Date: 09/21/99

Synopsis: Fix for DPS Resource Lock Manager problem.

ECSed24085	1	Jobs Failing At All Stages With DpPrResourceLock Failure

NCRs Delivered to Sites Since CSR (cont.)

AMASS 4.10.1 (1 NCR) Release Date: 09/23/99

Synopsis: Fix for AMASS data corruption problem.

ECSed23183	2	Amass libio_tape daemons die.

5A.03 Comet (2 NCRs) Release Date: 09/24/99

Synopsis: DDIST fix for problems with file size errors and 8mm tape request priorities. Required for MOSS 3 testing.

ECSed23672	2	File size in notification msg and the actual one differ
ECSed23998	2	Mutex in Resource Provider appears to hang DDIST

AutoSys/Xpert 3.4.2 (2 NCRs) Release Date: 09/23/99

Synopsis: Y2K Maintenance Upgrade + fixes for two Severity 3 NCRs requiring replacement of AutoSys Xpert BUI, Timescape and HostScape binaries.

ECSed20729	3	JobScape core dumps since 3.4 upgrade Synopsis:
ECSed23081	3	PRONG: FORCE Start job causing multiple processes to run

5A.03 Vixen (5 NCRs, 1 Sev 3) Release Date: 10/01/99

Synopsis: Fixes for PLS Production Request Editor problems. Required for MOSS 3 testing.

ECSed23237	2	GSFC/SMC Unable to Delete DPR (Data Production Requests)
ECSed23387	2	Cannot reprocess DPREP
ECSed24109	2	PREditor: Cannot Delete DPRs
ECSed24227	2	No Single DPR Deletion Status Displayed
ECSed24099	3	DPR Deletion request seems to be hanging while getting a connection

NCRs Delivered to Sites Since CSR (cont.)

5A.03 Albany (4 NCRs, 1 Sev 3) Release Date: 10/01/99

Synopsis: Fix for Science Data Server problems and re-delivery of several MODIS descriptors.

ECSed24157	1	4PY11 OPS: SDSRV INSERT DsMdGrGPolygon fails due to perc
ECSed24232	1	Landsat 7 Ingest is slowing down
ECSed24255	2	SDSRV Subscription Event Notifier Queue status
ECSed22882	3	After a retry during an Ingest Landsat Scenes were not combined

5A.03 Richmond (2 NCRs) Release Date: 10/01/99

Synopsis: Ingest fixes for ASTER expedited data and difficulty running multiple instances of InGran Server. Requried for MOSS 3 testing.

ECSed24229	1	GDAAC/SMC: Unable to ingest ASTER Expedited (VNIR2 TIR &
ECSed23909	2	EcInGran0 and EcInGran1 get bad sybase password on startup

5A.03 Blitzen (46 NCRs, 28 Sev 3s, 12 Sev 4s) Release Date: 10/01/99

Synopsis: MOJO and JDT fixes.

ECSed22017	2	JDT: Resources Estimate in JDT Spatial Window Doesn't Increase with Time
ECSed22566	2	JDT: Submitted DAR rejected by ASTER
ECSed22940	2	MOJO AdsrvProxy can not handle the subscribe request properly
ECSed22942	2	MOJO is not accepting DAR Modify requests
ECSed23405	2	JDT:Errors received on DAR submit.
ECSed23955	2	Email sent to GDS does not match ICD

NCRs Delivered to Sites Since CSR (cont.)

5A.03 Boise (6 NCRs, 3 Sev 3s) Release Date: 10/11/99

Synopsis: PLS fixes for DPS.

ECSed23237	2	GSFC/SMC Unable to Delete DPR (Data Production Requests)
ECSed23387	2	Cannot reprocess DPREP
ECSed24109	2	PREditor: Cannot Delete DPRs
ECSed24227	2	No Single DPR Deletion Status Displayed
ECSed24099	3	DPR Deletion request seems to be hanging while getting a connection
ECSed24266	3	GSFC/SMC - PDPS database reset hangs Subscription Manager

5A.03 Hartford (1 NCR) Release Date: 10/11/99

Synopsis: Modified SIPS ICD. Eliminate the translation of input pointer LGIDs into URs

ECSed24021	2	Cannot Resolve Input Pointer Values for instances where m

5A.03 Annapolis (1 NCR) Release Date: 10/12/99

Synopsis: Fix for Subscription Server Core Dump

ECSed24034	1	SubSrvr core dumping in OPS (5A)

NCRs Delivered to Sites Since CSR (cont.)

5A.04 Aaron (7 NCRs) Release Date: 10/13/99

Synopsis: Fix for several Storage Management Server problems

ECSed23962	1	OPS:4PY.09/10:PullMonitor takes five hours to warm start
ECSed20571	2	DDIST Single Threading FtpDis?
ECSed23710	2	GSFC/SMC-FAILED SUBSCRIPTIONS with status error message
ECSed23963	2	Pull Monitor warm start logic is incomplete
ECSed23974	2	Discrepancy between DAN and distributed file size causes
ECSed23991	2	Staging Disk Instrumentation causes core dump
ECSed24059	2	FTP Daemon client interface causes core dumps on Sun

5A.04 Gehrig (0 NCRs) Release Date: 10/15/99

Synopsis: CLS and IDG fixes for DAR Query Status functionality in JDT and release of Swing COTS product .

5A.04 Ruth (1 NCR) Release Date: 10/15/99

Synopsis: DMS fix to correct results returned when searching for a large number of MISR polygon point.

ECSed24133	2	V0-ECS Gateway needs to handle large MISR polygon points

NCRs Delivered to Sites Since CSR (cont.)

5A.04 Mantle (1 NCR) Release Date: 10/19/99

Synopsis: Temporary Fix to resolve issue of Storage Management Server hanging --- Sent email message to file and created scripts to latter send the email out to the customer.

ECSed24286	1	GSFC/SMC Hanging of Storage Management

5A.04 Cobb (1 NCR) Release Date: 10/22/99

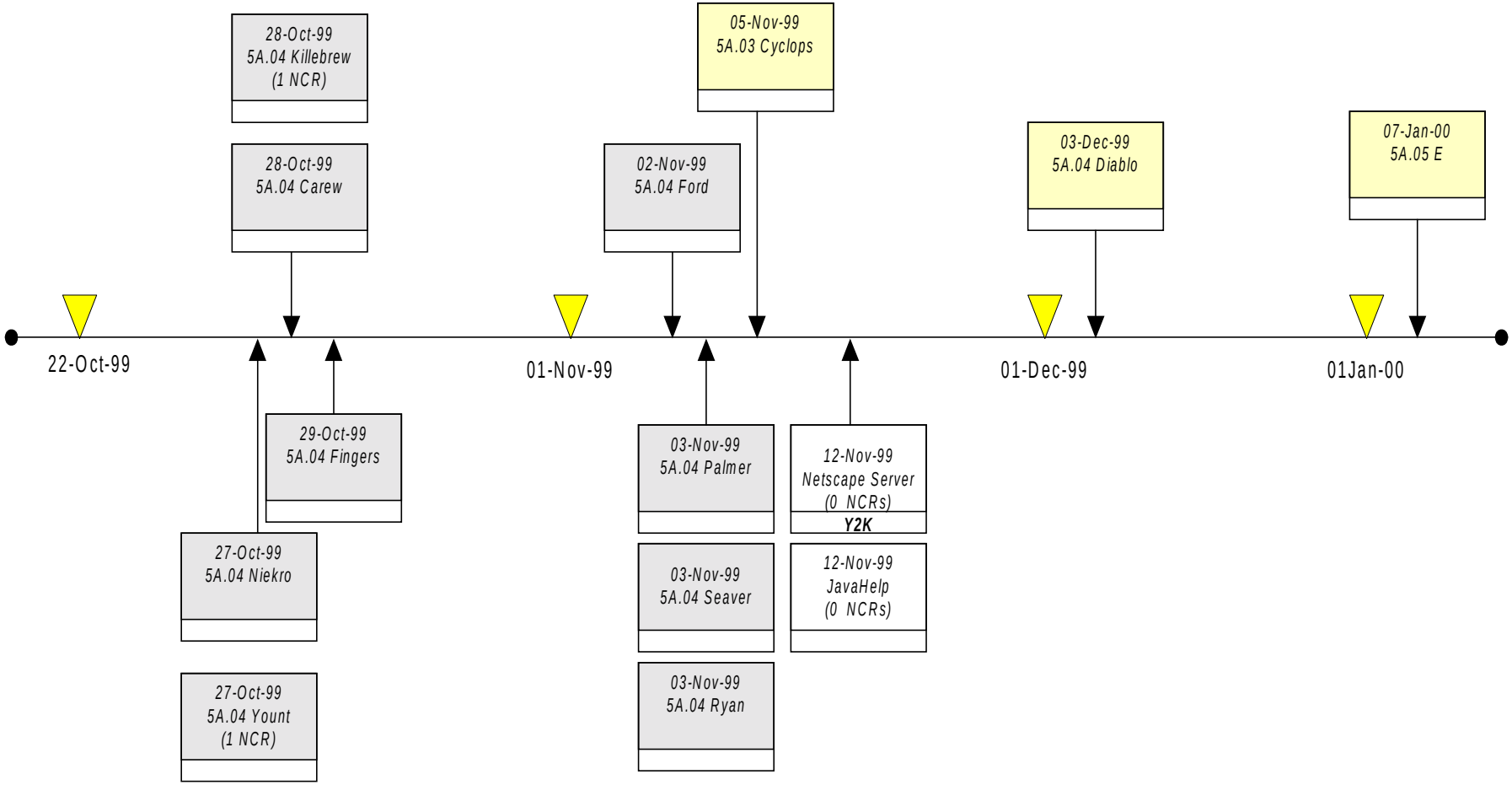
Synopsis: Fix for the single threaded FTP problem on the SGI.

ECSed20571	2	DDIST Single Threading FtpDis?

Future Maintenance Releases to 5A

R. Miller

Maintenance Releases and Test Executables Plan



5A.03 and Test Executable Plan

Subsystem	Component	Patch	Test Executable	Delivery Date
CLS	JDT	5A.03.Cyclops	Carew	10/28/1999
CSS	Subscription Server	5A.03.Cyclops	Mays	TBD
CSS	MOJO	5A.03.Cyclops	Brett	TBD
DMS	EcDmV0ToEcsGateway	5A.03.Cyclops	Killebrew	10/28/1999
DPS	DPREP	5A.03.Cyclops	Fingers	10/29/1999
DDIST	EcDsDistributionServer	5A.03.Cyclops	Palmer	11/03/1999
STMGT	All Servers	5A.03.Cyclops	Seaver	11/03/1999
SDSRV	EcDsHdfEosServer	5A.03.Cyclops	Ryan	11/03/1999
SDSRV	Scripts	5A.03.Cyclops	Niekro	10/27/1999
INS	All Servers	5A.03.Cyclops	Carlton	11/03/1999
IOS	All	5A.03.Cyclops	None	
MSS	All	5A.03.Cyclops	None	
PLS	TBD	5A.03.Cyclops	Ford	11/02/1999
TOOLKIT	All	5A.03.Cyclops	None	
V0Client	All	5A.03.Cyclops	None	
ESDTs	All	5A.03.Cyclops	Yount	10/27/1999

5A.03 Sev. 1 & 2 NCRs (1 of 4)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
19689	2	GUI show incorrect information for Cache Information	STMGT	5A.03.Cyclops	11/05/1999
20246	2	LaTIS II ingest of AST_04 fails in preprocessing	SDSRV	5A.03.Cyclops	11/05/1999
20571	2	DDIST Single Threading FtpDis?	STMGT	5A.03.Cyclops	11/05/1999
21621	2	ECS Data Model - add support for Coll level VerticalSpatialDomainType	SDSRV	5A.03.Cyclops	11/05/1999
22017	2	JDT : Resources Estimate in JDT Spatial Window Doesn't Increase with	CLS	5A.03.Cyclops	11/05/1999
22566	2	JDT : Submitted DAR rejected by ASTER	IDG	5A.03.Cyclops	11/05/1999
22624	2	Y2K : Match granule can corrupt start/stop times of other granules	PLS	5A.03.Cyclops	11/05/1999
22940	2	MOJO AdsrvProxy can not handle the subscribe request properly	IDG	5A.03.Cyclops	11/05/1999
22942	2	MOJO is not accepting DAR Modify requests	IDG	5A.03.Cyclops	11/05/1999
23065	2	Wrong tape ids shown for requests which span tapes	STMGT	5A.03.Cyclops	11/05/1999
23068	2	Can't update config params for Pull Monitor if cache has many files	STMGT	5A.03.Cyclops	11/05/1999
23076	2	Staging area cleanup for scene acquires	ESDT	5A.03.Cyclops	11/05/1999
23182	2	Future drop/patch for Sybase backup scripts that dump the d	DBDM	5A.03.Cyclops	11/05/1999
23260	2	Collection Level PSA value not returned on granule acquire	SDSRV	5A.03.Cyclops	11/05/1999
23268	2	New Valids for ICESat GLAS	ESDT	5A.03.Cyclops	11/05/1999
23270	2	New valids needed for SAGE III SCF descriptors	ESDT	5A.03.Cyclops	11/05/1999
23300	2	GSFC/SMC : Exposed passwords g0acg01 EcDsStFtpDisServerDe	STMGT	5A.03.Cyclops	11/05/1999
23317	2	Fix Granule Server memory leaks	INGEST	5A.03.Cyclops	11/05/1999
23379	2	QA granule not linked to science granule in SDSRV database	SDSRV	5A.03.Cyclops	11/05/1999
23382	2	Cannot activate DPREP DPR	DPS	5A.03.Cyclops	11/05/1999
23387	2	Cannot reprocess DPREP	DPS	5A.03.Cyclops	11/05/1999
23405	2	JDT : Errors received on DAR submit.	IDG	5A.03.Cyclops	11/05/1999
23407	2	DPREP fails during preprocessing step	DPS	5A.03.Cyclops	11/05/1999
23430	2	4PY09 TS2 : Ingest fails with XFER ERROR after cold start	STMGT	5A.03.Cyclops	11/05/1999
23446	2	The OrbitalModelName OBJECT is missing from the metadata	SDSRV	5A.03.Cyclops	11/05/1999

5A.03 Sev. 1 & 2 NCRs (2 of 4)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
23672	2	file size in notification msg and the actual one differ	DDIST	5A.03.Cyclops	11/05/1999
23710	2	GSFC/SMC-FAILED SUBSCRIPTIONS with status error message	STMGT	5A.03.Cyclops	11/05/1999
23775	2	Incorrect metadata file extension for non-unique local granule ids	DDIST	5A.03.Cyclops	11/05/1999
23813	2	SSIT : Updating a PGE can cause completed DPRs to be deleted	DPS	5A.03.Cyclops	11/05/1999
23824	2	Cannot Activate Canceled DPRs	PLS	5A.03.Cyclops	11/05/1999
23839	2	Plan Activation Fails : Trying To Create An Existing DPR	PLS	5A.03.Cyclops	11/05/1999
23857	2	Memory leak in DsClInsertCommand	SDSRV	5A.03.Cyclops	11/05/1999
23871	2	Two digit year in FtpPull area expiration date	STMGT	5A.03.Cyclops	11/05/1999
23909	2	EcInGran0 and EcInGran1 get bad sybase password on startup	INGEST	5A.03.Cyclops	11/05/1999
23917	2	Limit on the length of UserString is not sufficient in database.	DDIST	5A.03.Cyclops	11/05/1999
23925	2	Granule(Inventory) level Spatial values not returned on granule acquire	SDSRV	5A.03.Cyclops	11/05/1999
23926	2	Archive Server won't cold start.	STMGT	5A.03.Cyclops	11/05/1999
23941	2	RMESDT Script contains no error checking or transactional validation	SDSRV	5A.03.Cyclops	11/05/1999
23949	2	Incorrect Time Information in Database due to INGEST for Landsat-7	INGEST	5A.03.Cyclops	11/05/1999
23958	1	GSFC/SMC : Unable to ingest AST_EXP data	INGEST	5A.03.Cyclops	11/05/1999
23960	2	CsDcXds class leaks (affects EcTiTime service)	IDG	5A.03.Cyclops	11/05/1999
23961	1	GSFC/SMC - Exclusive page locks in pdps	PLS	5A.03.Cyclops	11/05/1999
23962	1	OPS : 4PY.09/10 : PullMonitor takes five hours to warm start	STMGT	5A.03.Cyclops	11/05/1999
23963	2	Pull Monitor warm start logic is incomplete	STMGT	5A.03.Cyclops	11/05/1999
23965	2	AM-1 DPREP exit code halts processing on data replacement condition	DPS	5A.03.Cyclops	11/05/1999
23979	2	GSFC/S<C : Geographic coverage info	SDSRV	5A.03.Cyclops	11/05/1999
23990	2	SDSRV rejects LocalityValue attribute set to Global	SDSRV	5A.03.Cyclops	11/05/1999
23991	2	Staging Disk Instrumentation causes core dump	STMGT	5A.03.Cyclops	11/05/1999
23993	2	EcDbDatabaseVersions not found	IOS	5A.03.Cyclops	11/05/1999
23998	2	Mutex in Resource Provider appears to hang DDIST	STMGT	5A.03.Cyclops	11/05/1999

5A.03 Sev. 1 & 2 NCRs (3 of 4)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
24009	2	PREditor Does Not Find Available Data At DPR Creation	PLS	5A.03.Cyclops	11/05/1999
24010	2	DPREP PGE EcDpPrAm1EdosEphAttDPREP_PGE failed to properl	DPS	5A.03.Cyclops	11/05/1999
24016	2	Can't Insert The Same Granule >1 Time	SDSRV	5A.03.Cyclops	11/05/1999
24021	2	Cannot Resolve Input Pointer Values for instances where m	INGEST	5A.03.Cyclops	11/05/1999
24024	2	RmESDT Script Doesn't Delete from DsMdDAP/Browse	SDSRV	5A.03.Cyclops	11/05/1999
24025	1	DDIST will not link	DDIST	5A.03.Cyclops	11/05/1999
24026	1	SDSRV will not link	SDSRV	5A.03.Cyclops	11/05/1999
24028	2	AM-1 DPREP Step 3 fails to get universal references for inputs.	DPS	5A.03.Cyclops	11/05/1999
24032	2	Request status is Successful when Granule state is PreproErr	INGEST	5A.03.Cyclops	11/05/1999
24034	1	SubSrvr core dumping in OPS (5A)	IDG	5A.03.Cyclops	11/05/1999
24059	2	FTP Daemon client interface causes core dumps on Sun	STMGT	5A.03.Cyclops	11/05/1999
24060	2	AM_1 DPREP PGE MCFs have incorrect maximum InputPointer values	ESDT	5A.03.Cyclops	11/05/1999
24061	2	Subscription emails are very annoying	IDG	5A.03.Cyclops	11/05/1999
24081	2	Production Request Editor core-dumps when creating a PR for DPREP	PLS	5A.03.Cyclops	11/05/1999
24085	1	Jobs Failing At All Stages With DpPrResourceLock Failure	DPS	5A.03.Cyclops	11/05/1999
24091	2	SBSRV Encrypt Password executable is not delivered	IDG	5A.03.Cyclops	11/05/1999
24113	1	Fwd SMC/GSFC : Optional production rule based on DPR time ra	PLS	5A.03.Cyclops	11/05/1999
24115	2	GSFC/SMC PGE registration does not populate required db tab	PLS	5A.03.Cyclops	11/05/1999
24128	2	All ACRIM data types fail ingest with Preprocessing Error	INGEST	5A.03.Cyclops	11/05/1999
24129	2	DbVerify Script Failure Due to Field Value Size	DBDM	5A.03.Cyclops	11/05/1999
24130	1	SDSRV memory leaks in search	SDSRV	5A.03.Cyclops	11/05/1999
24133	2	V0-ECS Gateway needs to handle large MISR polygon points	DMS	5A.03.Cyclops	11/05/1999
24147	2	Core dump in SWfieldinfo function	HDFEOS	5A.03.Cyclops	11/05/1999
24148	2	PGS_MET_Write needs to return error if it cannot close opened files	HDFEOS	5A.03.Cyclops	11/05/1999
24157	1	4PY11 OPS : SDSRV INSERT DsMdGrGPolygon fails due to perc	SDSRV	5A.03.Cyclops	11/05/1999

5A.03 Sev. 1 & 2 NCRs (4 of 4)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
24163	2	ECS Assist Transition Scripts with hardcode	MSS	5A.03.Cyclops	11/05/1999
24173	2	Misleading error mnemonics returned on ftp acquire failures	STMGT	5A.03.Cyclops	11/05/1999
24196	2	Cold start of SDSRV causes V0TOEcsGateway search threads to hang	SDSRV	5A.03.Cyclops	11/05/1999
24207	2	DbVerify for IOS and INS are missing fields for EDC Transition	DBDM	5A.03.Cyclops	11/05/1999
24209	2	AM-1 Step 3 DPREP fails with gneral error on Profiles 3 and 4.	DPS	5A.03.Cyclops	11/05/1999
24226	2	AM-1 Step 2 DPREP calculates incorrect number of expected records.	DPS	5A.03.Cyclops	11/05/1999
24227	2	No Single DPR Deletion Status Displayed	PLS	5A.03.Cyclops	11/05/1999
24228	2	DFA Doesn't Set Flag in DB	SDSRV	5A.03.Cyclops	11/05/1999
24229	1	GDAAC/SMC : Unable to ingest ASTER Expedited (VNIR2, TIR, &	INGEST	5A.03.Cyclops	11/05/1999
24232	1	Landsat 7 Ingest is slowing down	ESDT	5A.03.Cyclops	11/05/1999
24241	2	AM-1 DPREP Step 2 header times tolerance too restrictive.	DPS	5A.03.Cyclops	11/05/1999
24242	2	Email PDRD message does not reference PRD filename	INGEST	5A.03.Cyclops	11/05/1999
24246	2	4PY.12+dlls+doc : SDSVR/Staging Disk not allocating space	SDSRV	5A.03.Cyclops	11/05/1999
24255	2	SDSRV Subscription Event Notifier Queue status	SDSRV	5A.03.Cyclops	11/05/1999
24257	2	SBSRV 4PY to 5A transit script EcCsSbDbPatch4PY cannot be run	IDG	5A.03.Cyclops	11/05/1999
24265	2	MI1ANAV ESDT needs to be updated to conform to data generated by	ESDT	5A.03.Cyclops	11/05/1999
24267	2	Misuse of ostrstream on Sun vs. SGI	STMGT	5A.03.Cyclops	11/05/1999
24268	2	AM-1 DPREP no data replacement on percent missing data < 0.5%.	DPS	5A.03.Cyclops	11/05/1999
24269	2	Failure on retrieve with no slash in vol grp path	STMGT	5A.03.Cyclops	11/05/1999
24270	2	EcDmDbVerify and EcDbDesc changes for transition	DBDM	5A.03.Cyclops	11/05/1999
24314	2	SBSRV : No email notification received from SBSRV.	IDG	5A.03.Cyclops	11/05/1999
24345	2	GSFC/SMC : MOSS3 : AM-1 DPREP does not detect nodes between d	DPS	5A.03.Cyclops	11/05/1999
24351	2	Update EcDbUpdateVersionTable script for 5A.03.Cyclops	DBDM	5A.03.Cyclops	11/05/1999
24381	2	During Update Collection IOS does not populate IoAdAdvXref properly	IOS	5A.03.Cyclops	11/05/1999

5A.04 Sev. 1 & 2 NCRs

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
23974	2	Discrepancy between DAN and distributed file size causes		5A.04.Diablo	12/03/1999
24116	2	PRE does not match granule as it should		5A.04.Diablo	12/03/1999
24235	2	GSFC/SMC - ESDT descriptor cleanup needed		5A.04.Diablo	12/03/1999
24282	2	Ddist fails request after resumption.		5A.04.Diablo	12/03/1999
24284	1	SSI&T Static File Insertion tool does not insert into all d		5A.04.Diablo	12/03/1999
24337	1	GSFC/SMC/MOSS3 PDPS Subscription Manager Too Slow		5A.04.Diablo	12/03/1999
24359	2	FTP Browse fails when city and country not provided in contact address		5A.04.Diablo	12/03/1999
24372	1	GSFC/SMC : MOSS-III Signal file no longer sent to ASTER GDS		5A.04.Diablo	12/03/1999
24379	2	MOSS3 : Failed PGE tar files do not include _PGE.IN or .Log		5A.04.Diablo	12/03/1999
24390	1	DPS Lock Manager Not Cleaning up Stale Locks Properly		5A.04.Diablo	12/03/1999
24401	2	User defined DPREP PGE runtime parameters are not written t		5A.04.Diablo	12/03/1999
24414	1	ECS Core and PS attribute names passed incorrectly to SDSRV in search		5A.04.Diablo	12/03/1999
24416	2	Search by Attributes and Display Results broken		5A.04.Diablo	12/03/1999
24427	2	Jdt Installation package was erroneously removed from the .sitemap		5A.04.Diablo	12/03/1999
24436	2	Mojo Gateway core dumps in Dar Proxy		5A.04.Diablo	12/03/1999
24437	1	AM-1 DPREP error in calculating elapsed orbits.		5A.04.Diablo	12/03/1999
24448	1	MOSS-3 : Data Archive Error when Ingesting DLLAPMIS granule		5A.04.Diablo	12/03/1999
24492	2	Version 2 Landsat-7 and Browse ESDTs need to be created		5A.04.Diablo	12/03/1999
24497	1	5A02_TS1 : Path/Row search not working in V0 client		5A.04.Diablo	12/03/1999
24503	1	DPREP duplicate entrie in the no Crossing List		5A.04.Diablo	12/03/1999
24517	2	5A_TRANSITION_TS1 ESDT update tool not working for version 002 L7 esdt's		5A.04.Diablo	12/03/1999
24520	2	5A_TRANSITION_TS1 ESDT update tool not working for version 002 L7 esdt's		5A.04.Diablo	12/03/1999
24531	2	Spatial Coordinates can't persist after the first update.		5A.04.Diablo	12/03/1999

5A.05 Sev. 1 & 2 NCRs (1 of 3)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
17707	2	EcInGran and EcInReqMgr servers core dump during 396		5A.05.E	01/07/2000
20873	2	Client core dumps when server is warm started		5A.05.E	01/07/2000
22921	2	DPS Insert Request Hangs until New Request ID is Used		5A.05.E	01/07/2000
23301	2	GSFC/SMC: Exposed passwords g0dis02 EcDsDistributionServ		5A.05.E	01/07/2000
23429	2	The user registration Gui is hard coded to print the use		5A.05.E	01/07/2000
23578	2	Security vulnerability on Sun and HP workstations		5A.05.E	01/07/2000
23594	2	Dot is first in the path in the new .cshrc file.		5A.05.E	01/07/2000
23633	2	TS1:4PY.11:e0icg01: EcInReqMgr cored.		5A.05.E	01/07/2000
23656	2	TS1:4PY.11:EcCsMojoGateway coredumped		5A.05.E	01/07/2000
23677	2	TS1:4PY.11:RegUserServer coredumps		5A.05.E	01/07/2000
23699	2	OPS:4PY.11:e0mss21:EcMsAcOrderSrvr cored.		5A.05.E	01/07/2000
23700	2	GSFC/SMC Registered user showing up as ECSGuest		5A.05.E	01/07/2000
23778	2	Conflicting Status Messages		5A.05.E	01/07/2000
23822	2	Limited character length on user-id seems to cause DCE acc		5A.05.E	01/07/2000
23861	2	Move dependency check to activation for on/off hold flag		5A.05.E	01/07/2000
23902	2	GSFC/SMC- Machine time out of sync w/DCE master		5A.05.E	01/07/2000
23904	2	OPS : 4PY.11 : e0dis02 : DDIST : EcDsDistruibutionServer cored		5A.05.E	01/07/2000
23910	2	OPS : 4PY.11 : SDSRV cored on e0acs05.		5A.05.E	01/07/2000
23912	2	OPS : 4PY : 11 : V0ToEcsGateway cored on e0ins02.		5A.05.E	01/07/2000
23918	2	JDT : memory Leaks		5A.05.E	01/07/2000
23942	2	l0drg01, AMASS database is invalid.		5A.05.E	01/07/2000
23955	2	Email sent to GDS does not match ICD		5A.05.E	01/07/2000
24017	2	JDT: No error message displayed when EcMsAcRegUserSrvr		5A.05.E	01/07/2000
24019	1	AMASS e0drg01 corruption		5A.05.E	01/07/2000
24019	2	AMASS e0drg01 corruption		5A.05.E	01/07/2000

5A.05 Sev. 1 & 2 NCRs (2 of 3)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
24107	2	GSFC/SMC-g0mss21 Req GUI core's when anything in NASA		5A.05.E	01/07/2000
24113	1	Fwd SMC/GSFC: Optional production rule based on DPR time		5A.05.E	01/07/2000
24114	2	4PY.11 OPS: Intermittent File Size of zero in SDSRV database		5A.05.E	01/07/2000
24122	1	OPS: 4PY.11:DDIST Req.ID 18333 & Req.ID 18339 Failed		5A.05.E	01/07/2000
24134	2	Printing new User Registraion Letters		5A.05.E	01/07/2000
24150	2	MOSS-2 TS1 Problems with distribution for ASTER		5A.05.E	01/07/2000
24155	2	OODCE Memory leaks		5A.05.E	01/07/2000
24177	2	JDT : Budget request email is using the wrong format		5A.05.E	01/07/2000
24181	2	Need more memory on e0drg01		5A.05.E	01/07/2000
24210	2	OPS: Need for new and separate anonymous ftp staging ar		5A.05.E	01/07/2000
24213	2	OPS: 4PY.11: e0dis01: D3 ingest tape Id AE0012C failed		5A.05.E	01/07/2000
24233	2	Unacceptable performance in EcMFhInstantiator		5A.05.E	01/07/2000
24240	2	Collection Level VerticalSpatialDomain should allow many per ESDT		5A.05.E	01/07/2000
24258	2	SDSRV Subscription Event handling error handling changes		5A.05.E	01/07/2000
24260	2	OPS : 4PY.12 : e0acg01 : StagingMonitorServer cored.		5A.05.E	01/07/2000
24282	2	Ddist fails request after resumption.		5A.05.E	01/07/2000
24283	2	8 MM Tape Request Failed - No Retry Option		5A.05.E	01/07/2000
24286	1	GSFC/SMC Hanging of Storage Management		5A.05.E	01/07/2000
24288	2	SubMgr : SubMgr should not retry notifications whose UR is non-existant		5A.05.E	01/07/2000
24299	2	OPS : 4py.12 : e0drg01 : ArchiveServer cored		5A.05.E	01/07/2000
24300	2	OPS : 4PY.12 : e0drg01 : EcDsStStagingMonitorServer cored		5A.05.E	01/07/2000
24301	2	OPS : 4PY.12 : e0ins02 : EcDmV0ToEcsGateway core dumped.		5A.05.E	01/07/2000
24303	2	OPS : 4PY.12 : e0icg01 : EcInReqMgr was hung during L7/D3 inge		5A.05.E	01/07/2000
24308	2	ECS Assit not using secure shell		5A.05.E	01/07/2000
24310	2	Subscription Server GUI not delivering load library		5A.05.E	01/07/2000

5A.05 Sev. 1 & 2 NCRs (3 of 3)

NCR	Sev	NCR Title	Subsystem	Delivery	Turnover to Test Date
24330	2	OPS : 4PY.12 : e0wkg01 : EcDsHdfEosServer_2 crashed		5A.05.E	01/07/2000
24331	2	Cancel request in Order Tracking Tool does not work.		5A.05.E	01/07/2000
24339	2	OPS : 4PY.12 : DDIST : Req IDs 22119/22340/22341/22023/22303 a		5A.05.E	01/07/2000
24341	2	GSFC/SMC : MOSS3 - User Registration GUi Disappears!		5A.05.E	01/07/2000
24356	2	OPS : 4PY.12 : e0acg01 : EcDsStPullMonitorServer extremely slo		5A.05.E	01/07/2000
24364	1	MOSS3 -GSFC/SMC : Distribution cored several times-Drop 5A02		5A.05.E	01/07/2000
24368	2	PLS : PLS should not submit more than 1 subscription for one ESDT		5A.05.E	01/07/2000
24369	2	PLS : PLS should not submit more than 1 subscription for one ESDT		5A.05.E	01/07/2000
24370	2	OPS : 4PY.12 : e0icg01 : MOSS3DR : IngestFTPServer cored		5A.05.E	01/07/2000
24371	2	OPS : 4PY.12 : e0acg01 : MOSS3DR : PullMonitorServer cored.		5A.05.E	01/07/2000
24375	2	OPS : 4PY.12 : e0drg01 : MOSS3DR : EcDsStStagingMonitorServer hung/cored/spaw		5A.05.E	01/07/2000
24377	2	1200 input pointers in metadata causes EcInGran to core dump		5A.05.E	01/07/2000
24384	2	OPS : 4PY.12 : e0wkg01 : MOSS3DR : EcDsHdfEosServer cored		5A.05.E	01/07/2000
24386	2	OPS : 4PY.12 : e0acg01 : EcDsStPullMonitorServer cored during		5A.05.E	01/07/2000
24388	2	GSFC/SMC Production Planning Timeline GUI not present when		5A.05.E	01/07/2000
24389	1	OPS : 4PY.12 : DDIST : 13 Requests aborted in SDSRV today.		5A.05.E	01/07/2000
24399	2	SMC/GSFC AMASS volume unreadable		5A.05.E	01/07/2000
24400	2	MOSS3 : DsEStUnknown Error Occured During FtpPush Distributi		5A.05.E	01/07/2000
24402	1	GSFC/SMC : MOSS3 FTPDisServer Goes Down frequently in OPS		5A.05.E	01/07/2000
24416	2	Search by Attributes and Display Results broken		5A.05.E	01/07/2000
24420	2	Orbit Model : Need to allow Orbital Period in milliseconds		5A.05.E	01/07/2000
24430	2	Many dead lock error messages being generated on l0acg02		5A.05.E	01/07/2000
24431	1	SMC/GSFC AMASS lost 124 files after a restart		5A.05.E	01/07/2000
24433	2	OPS : 4PY.12 : DA MODAPS ingest requests failed with Xfererr		5A.05.E	01/07/2000
24438	2	Fwd SMC : Failure to explode DPRs using PROCESSING_BOUNDARY		5A.05.E	01/07/2000
24440	2	Remove white space from LocalGranuleID filenames		5A.05.E	01/07/2000

Readiness for EDC Transition

J. Daucsavage

EDAAC Function/Features Analysis

As of 28-Oct-99

		4PY.12+			5A.02+			
		Functionality	Performance	Sev 1/2 NCRs	Functionality	Performance	Sev 1/2 NCRs	Comments
Landsat 7								
	User Services	Y	G	24331, 20741	Y	G		Order tracking, User Registration, Order prioritization
	Ingest	G	G	23873, 24520	G	G	24517, 24541	Version 2 data not recognized (workaround)
	Archiving	G	G	24019, E3136, 24111	G	G		AMASS Backup corruption
	Search/Browse	Y	Y	24538, 24551, 24497	G	G	24497	Integrated browse
	Distribution	G	Y	24300, 24487, 24114, E3119	G	G		multi threaded FTP needed to reduce browse/order bottleneck
	Management Reports	G	G		G	G		
TERRA ASTER								
	User Services	Y	Y	24331, 20741, 23625	Y	Y		Order tracking, User Registration, Order prioritization
	Java DAR Tool	R	G	24459, 24117, 24535, E3103, E3060, 24552	G	G		JDT and ASTER on-demand support; outstanding trouble ticket on JDT documentation,
	Ingest	Y	Y	24214, 24303, 17707, E3088, 23636	Y	Y		Large D3 tape ingest consistency has been issue. Ingran fault recovery causing "half ins"
	Archiving	Y	G	E3136, 24111	Y	G		AMASS Backup corruption; lost data
	On DemandProduction	Y	Y	24470	Y	Y		ACVS and ACT PGEs not working in 4PY may work in 5A. Policy issues with permission to use 100m DEMs.
	Routine Production	Y	Y	Science TT	G	G		Not producing browse DST; Dependent on multi thread FTP
	Expedited Production	R		Science TT	R			Level-1 software worked with GDS EDS not with EDOS EDS. OSFOPS Con issues.
	Distribution	Y	Y	24356, 24371, 24487, 24114, E2880, 24561, 24150, 23326	Y	G		4PY cannot distribute routine metadata value error. On demand needs separate 50GB pull area.Shipping information is TBD.
	Q.A. Support	R		QA MUT TT @GSFC	G	G		No tools, Ops concept coming together. QAMUT works in 5A
	Management Reports	Y	G	Local TT	G	G		Rudimentary scripts in place.
TERRA MODIS								
	User Services	Y	Y	24331, 20741	Y	Y		Subscriptions for MODIS is bad idea with single threaded FTP, Order tracking, User Registration, Order prioritization
	Ingest	G	G	24432, 24433	G	G	E3077	
	Archiving	R		E3136,24111	R			One data type always works, 5 will not archive at all and 9 data types fail intermittently. AMASS Backup corruption; lost data
	Distribution	Y	Y	24356, 24371, 24487,E2880, E3056, 23739	Y	Y		Shipping information is TBD. No DOS distribution possible. Cant do multi volume tapes.
	Q.A. Support	R		QA MUT TT @GSFC	G	G		No tools, Ops concept coming together. QAMUT works in 5A
	Management Reports	Y	G	Local TT	G	G		Rudimentary scripts in place.

EDAAC Function/Features Analysis As of 28-Oct-99

- The EDAAC does recommend promotion of Release 5A to the Operations Mode
  - Criteria for preservation of Landsat 7 functionality will be met
  - Y2K fixes present in 5A are required in all Modes
  - Terra functionality in 5A is at least as good as that in 4PY and there are several new capabilities found in 5A needed at Terra+60
  - The EDAAC has carefully mapped out the road to 5A to include:
    - Verify/extrapolate Landsat 7 functionality under load tests
    - Verify Transition preserves L7 inventory
    - Verify roll-back in TS2 mode

Panel Deliberations

Backup Slides - DAAC Hardware Configuration Diagrams