ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Off:	7. Org.
Royal White Jr.	10-28-1998	98-1139	—	x1051	2038R	Dev

8. Title of Change: Maintenance Upgrade for SGI platforms only from Sybase Open Client 11.1.0 to 11.1.1 Release to ALL DAACs

9. Originator Signature	10. Date:	11. Class	12. Type:	13. Need Date:
Royal J. White Jr.	10/28/98		CCR	by 10/29/98

14. Office Manager Signature	15. Date:	16. Date CCB Decision Needed:	17. Category of Change:	18. Priority:
Maureen Myanda	10/28/98	10/29/98	Other	Emergency

19. Documentation/Drawings Impacted:	20. Schedule Impact:	21. CI(s) Affected:
910-TDA-003-Rev09 914-TDA-053	N/A	STM, INS, DST

22. Release Affected:	23. Date due to Customer:	24. Impl. Date:	25. Effectivity of Change:	26. Est. Cost
4PX		10/29/98		None

27. Source Reference: ☒NCR (attach) ☐Action Item ☐ GSFC CCR ☐Tech Ref. ☐Other:
ECSed18033

28. Description of Change: (use additional Sheets if necessary)
Upgrade the SGI Sybase Open Client version baseline from 11.1.0 to 11.1.1.

29. Proposed Solution: (use additional sheets if necessary)
Upgrade the SGI Sybase Open Client version baseline from 11.1.0 to 11.1.1 per the attached PSR.

30. Alternate Solution: (use additional sheets if necessary)
None.

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☐Support ☐Test
☒Baseline (XRP) ☐Y2K Compliance

33. Organization(s) Affected: ☒CM ☐Clearcase SG ☐Contracts ☐Chief Eng ☐FOS ☒M&O
☐QO ☐ Rel Dev ☐Procurement ☐RTSC ☐Sci. Data Eng ☐Security
☐Sys. Dev. ☐Sys. Eng. ☐Sys Verf Acpt ☐Other

34. Site(s) Affected: ☐EDF ☐Mini-DAAC ☐VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL
☐EOC ☐Other

35. Board Comments:	36. Work Assigned To:

37. Release Authorized (For CM Use Only):	38. CM Verified/Signature and Date
☐Yes ☐ No	

39. EDF/REL2 CCB Chair (Sign/Date):	40. Disposition:	41. ESDIS ERB Concurrence:
Mac McDonald 10/29/98	☑App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS	

42. ECS CCB Chair (Sign/Date):	43. Disposition:	44. CCR Closed Date:
	App ☐ A/C ☐ DisApproved ☐ Withdraw ☐	

ORIGINAL

ORIGINAL "TC" DOCUMENT

(picotsbl)
System Monitoring and Coordination Center
Control Item ID: b00009071

COTS SOFTWARE VERSION BASELINE REPORT
ECS-wide Subsystem Baseline, Ver.2.0, Drop 4PX

DATE: 10/16/98 TIME: 13:55
PAGE: 1
Date of Configuration: 10/16/98

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Compilers, Ada	Ada 95 Compiler	IDG	SGI	Silicon Graphics Inc	1.2		(For Langley DAAC only)
Compilers, Ada	Ada 95 Compiler	IDG	SUN	Transarc Corporation	1.2		
Compilers, Ada	SPARCompiler Ada	IDG	SUN	SUN Microsystems Inc	2.0	/usr/ecs/<mode>/COTS/SUNWspro/Ada2.1.1	
Compilers, C	C Compiler	IDG	SGI	Silicon Graphics Inc	7.1	/usr/bin/cc	7.2 only on Science Processors
Compilers, C	C Compiler	IDG	SGI	Silicon Graphics Inc	7.2	/usr/bin/cc	7.2 only on Science Processors
Compilers, C	C Compiler (IRIX Devel)	IDG	SGI	Silicon Graphics Inc	6.2	/usr/bin/cc	Builds the OS kernel after AMASS installation
Compilers, C	C (SPARC Compiler)	IDG	SUN	SUN Microsystems Inc	4.0	/opt/SUNWspro	
Compilers, C++	C ++ (Cpp)	IDG	SGI	Silicon Graphics Inc	7.1	/usr/lib/cpp	7.2 only on Science Processors
Compilers, C++	C ++ (Cpp)	IDG	SGI	Silicon Graphics Inc	7.2	/usr/lib/cpp	7.2 only on Science Processors
Compilers, C++	C++ (SparCompiler)	IDG	SUN	SUN Microsystems Inc	4.1	/opt/SUNWspro	
Compilers, FORTRAN	FORTRAN 77 Compiler	IDG	SGI	Silicon Graphics Inc	7.1	/usr/Workshop/usr/bin	
Compilers, FORTRAN	FORTRAN 77 Compiler	IDG	SGI	Silicon Graphics Inc	7.2	/usr/Workshop/usr/bin	7.2 only on Science Processors
Compilers, FORTRAN	FORTRAN 77 Compiler	IDG	SUN	SUN Microsystems Inc	7.1	/usr/Workshop/usr/bin	
Compilers, FORTRAN	FORTRAN 90 Compiler	IDG	SGI	Silicon Graphics Inc	7.1		
Compilers, FORTRAN	FORTRAN 90 Compiler	IDG	SGI	Silicon Graphics Inc	7.2		7.2 only on Science Processors
Compilers, FORTRAN	NAG90 Compiler	IDG	SGI	Numerical Algorithms Group Inc	2.2	/usr/WorkShop/usr/bin	old 32 bit only for SGI; patch ngsc522-334
Compilers, FORTRAN Checker	FORCHECK	IDG	SUN	Computerware Inc	12.30	/usr/ecs/<mode>/COTS/forchack	
Compilers, Java Devel	jre	CLS	SUN	SUN Microsystems Inc	1.1.5	/usr/ecs/<mode>/COTS/jre	
Compression Tool	Gnu Unzip	IDG	HP	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Unzip	IDG	SGI	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Unzip	IDG	SUN	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Zip	IDG	HP	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Zip	IDG	SGI	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Zip	IDG	SUN	Freeware	1.2.4	/tools/bin	
Configuration Management	ACCELL	MSS	SUN	Unify Corp	2.0.7.2.0	/usr/ecs/<mode>/COTS/accell	Includes the Unify RDBS
Configuration Management	ClearCase Client	MSS	SGI	Rational Software Corp	3.1.1	/usr/atria, usr/adm/atria	cl./svr. Deploy/CCS owns in the EDF; Dev/MSS at the sites
Configuration Management	ClearCase Client	MSS	SUN	Rational Software Corp	3.1.1	/usr/atria, usr/adm/atria	cl./svr. Deploy/CCS owns in the EDF; Dev/MSS at the sites
Configuration Management	ClearCase DDTS Integration	MSS	SUN	Rational Software Corp	2.1		
Configuration Management	ClearCase Server	MSS	SUN	Rational Software Corp	3.1.1	/usr/atria, usr/adm/atria	
Configuration Management	DDTS	MSS	SUN	Rational Software Corp	3.2.1	/usr/ecs/<mode>/COTS/ddts	
Configuration Management	Physical Network Manager	IDG	HP	Accugraph	3.0		
Configuration Management	XRP II	MSS	SUN	NTG Corporation	3.1	/usr/ecs/<mode>/COTS/xrp	Checked in CM
DCE	DCE Cell Manager	IDG	HP	Chisolm Technology	1.6.2	/opt/callmgr/bin	Reside in MSS Server
DCE	DCE Client	IDG	HP	Hewlett Packard Corp	1.4.2	/opt/dcelocal/bin	Equivalent to OSF Version 1.1. For HP-UX 10.10.
DCE	DCE Client	IDG	HP	Hewlett Packard Corp	1.5	/opt/dcelocal	Equivalent to OSF Version 1.1. For HP-UX-10.20. VATC only.
DCE	DCE Client	IDG	SGI	Silicon Graphics Inc	1.1b	/opt/dcelocal	
DCE	DCE Client	IDG	SUN	Transarc Corporation	1.1	/opt/dcelocal	
DCE	DCE Server	IDG	SUN	Transarc Corporation	1.1	/opt/dcelocal/bin	
DCE	OODCE	IDG	HP	Hewlett Packard Corp	1.1		
DCE	OODCE	IDG	SUN	EOSDIS Core System	1.1	/opt/dce/etc	
Development Suite	IMAKE	IDG	SGI	Silicon Graphics Inc	TBD	TBD	
Development Suite	IMAKE	IDG	SUN	SUN Microsystems Inc	Source code vers. 1.72	/usr/openwin/bin/	Source code version
Development Suite	ProDev Workshop	IDG	SGI	Silicon Graphics Inc	2.6.2		Includes cvd debugger. (Formerly CaseVision)
Development Suite	SoftBench for C++	IDG	HP	Hewlett Packard Corp	5.0.3	/usr/ecs/<mode>/COTS/softbench	
Development Suite	Visual Workshop	IDG	SUN	SUN Microsystems Inc	1.1		(formerly SparcWorks, TeamWare, Impact, C, C++)
Development Suite, GUI	BuilderXcessory	MSS	HP	Integrated Computer Solutions	3.5.1	/tools/bx	
Development Suite, GUI	BuilderXcessory	MSS	SGI	Integrated Computer Solutions	3.5.1	/tools/bx	
Development Suite, GUI	BuilderXcessory	MSS	SUN	Integrated Computer Solutions	3.5.1	/tools/bx	
Development Suite, GUI	Spak/GraphPak	IDG	SUN	Integrated Computer Solutions	2.5	/tools/bx/spak25/doc	
Development Suite, GUI, TCL	TCL/Tk: Expect	MSS	SUN	Freeware	5.22.0	/tools/bin	
Development Suite, GUI, TCL	TCL/Tk: Expectk	MSS	SUN	Freeware	5.22.0	/tools/bin	
Development Suite, GUI, TCL	TCL/Tk: Incr Tcl (iTcl)	MSS	HP	SUN Microsystems Inc	2.2.2patch 2	/tools/bin	OOP for Tcl/Tk
Development Suite, GUI, TCL	TCL/Tk: Incr Tcl (iTcl)	MSS	SGI	SUN Microsystems Inc	2.2.2patch 2	/tools/bin	OOP for Tcl/Tk
Development Suite, GUI, TCL	TCL/Tk: Incr Tcl (iTcl)	MSS	SUN	SUN Microsystems Inc	2.2.2patch 2	/tools/bin	OOP for Tcl/Tk
Development Suite, GUI, TCL	TCL/Tk: TCL-DP	MSS	HP	Freeware	3.5b3	/tools/bin	Distributed Internet TCL programming
Development Suite, GUI, TCL	TCL/Tk: TCL-DP	MSS	SGI	Freeware	3.5b3	/tools/bin	Distributed Internet TCL programming
Development Suite, GUI, TCL	TCL/Tk: TCL-DP	MSS	SUN	Freeware	3.5b3	/tools/bin	Distributed Internet TCL programming
Development Suite, GUI, TCL	TCL/Tk: TCLX	MSS	HP	Freeware	7.6	/tools/bin	Allows more control of unix commands
Development Suite, GUI, TCL	TCL/Tk: TCLX	MSS	SGI	Freeware	7.6	/tools/bin	Allows more control of unix commands
Development Suite, GUI, TCL	TCL/Tk: TCLX	MSS	SUN	Freeware	7.6	/tools/bin	Allows more control of unix commands
Development Suite, GUI, TK	TCL/Tk: GroupKit	MSS	HP	Freeware	4.3.3	/tools/bin	Real-Time Processing
Development Suite, GUI, TK	TCL/Tk: GroupKit	MSS	SGI	Freeware	4.3.3	/tools/bin	Real-Time Processing
Development Suite, GUI, TK	TCL/Tk: GroupKit	MSS	SUN	Freeware	4.3.3	/tools/bin	Real-Time Processing
Development Suite, GUI, TK	TCL/Tk: Tix	MSS	HP	Freeware	4.1.0	/tools/bin	Library for over 40 mega widgets
Development Suite, GUI, TK	TCL/Tk: Tix	MSS	SGI	Freeware	4.1.0	/tools/bin	Library for over 40 mega widgets
Development Suite, GUI, TK	TCL/Tk: Tix	MSS	SUN	Freeware	4.1.0	/tools/bin	Library for over 40 mega widgets
Development Suite, GUI, TK	TCL/Tk: TkTree	MSS	HP	Freeware	4.1	/tools/bin	Widget for displaying dynamic trees
Development Suite, GUI, TK	TCL/Tk: TkTree	MSS	SGI	Freeware	4.1	/tools/bin	Widget for displaying dynamic trees

OCT 1998
CM RELEASE

ORIGINAL

910-TDA-003
Rev. 010

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Development Suite, GUI, TK	TCL/Tk: TkTree	MSS	SUN	Freeware	4.1	/tools/bin	Widget for displaying dynamic trees
Disk/Volume Manager	Veritas	SED-HW	SUN	SUN Microsystems Inc	TBD		RAID (Storage Array) Mgmt. only
Document Generation	Microsoft Office Professional	MSS	SUN	Microsoft Corp	7.0		
Document Generation	WABI	MSS	SUN	SUN Microsystems Inc	2.2	/opt/SUNWwabi/bin	Provided as a free OS option
Editing & Viewing	Acrobat Reader	IDG	SUN	Adobe Systems Inc	3.0	/tools/bin/Acrobat3/Reader	
Editing & Viewing	EMACS	IDG	HP	Freeware	19.31.1	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	EMACS	IDG	SGI	Freeware	19.30.9	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	EMACS	IDG	SUN	Freeware	19.28	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	GhostView	PDPS	SUN	Freeware	1.5	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	IDL	IDG	SGI	Research Systems Inc.	5.0.2	/usr/ecs/<mode>/COTS/idl_5/bin	IDL bins.in EOSVIEW not upgrad.Moppitt PGEs may use dif.ver
Editing & Viewing	IDL	IDG	SUN	Research Systems Inc.	5.0.2	/usr/ecs/<mode>/COTS/idl_5/bin	
Editing & Viewing	Xedit	PDPS	SGI	(TBD)		/tools/bin/xedit	
Editing & Viewing	Xedit	PDPS	SUN	Unknown	1.0	/tools/bin/xedit	
Editing & Viewing	hdiff	PDPS	SUN	Freeware	TBD		
Enhanced NFS	BDS	SED-HW	SGI	Silicon Graphics Inc	2.0	/usr/bds	Only on SGI Hippi hosts.
File Storage Mgt System	ACSLS	SED	SUN	StorageTek	5.1	/export/home	Sparc 5 front end.Sol.2.5.1atd ECS patch set.STK Powd/Wolfck
File Storage Mgt System	AMASS	SED-HW	SGI	EMASS	4.9.0.2 (Rev 12)	/dss_amass	
File Storage Mgt System	AML Mgt Unit (AMU) Software	SED-HW	PS/2	EMASS	2.40E	c:\amu	
File Storage Mgt System	DAS	SED-HW	PS/2	EMASS	1.3C7	c:/das	
File Storage Mgt System	LMU (microcode)	SED-HW	SLMU	StorageTek	1.4.03	/export/home	Library Mngr Unit processor. STK Powderhorn/Wolfcreek only
File Storage Mgt System	Microcode for IBM 3590	IDG	AML2	EMASS	I9_430		EMASS AML/2 only
File Storage Mgt System	RS (microcode)	SED-HW	S-D3	StorageTek	3.01, Level EC110390	/export/home	Microcode for D3. STK Powderhorn/Wolfcreek only
File Storage Mgt System	SSU (microcode)	SED-HW	SCTU	StorageTek	5.1.1	/export/home	Cartrtidge Tape Unit proc. STK Powderhorn/Wolfcreek only
File Transfer	ssh secure shell commercial	SED-HW	SGI	Data Fellows	1.3.3	/tools/bin	
File Transfer	ssh secure shell commercial	SED-HW	SUN	Data Fellows	1.3.3	/tools/bin	
File Transfer	ssh secure shell freeware	SED-HW	HP	Freeware	1.2.26	/tools/bin	
File Transfer	ssh secure shell freeware	SED-HW	SGI	Freeware	1.2.26	/tools/bin	
File Transfer	ssh secure shell freeware	SED-HW	SUN	Freeware	1.2.26	/tools/bin	
Firmware, Fore FDDI Switch	PROM	SED-HW	FDDI	Fore Systems	7psp-2.5.5 (s1.85)		
Firmware, RAID Controller MC	Flare Code (RAID Controller)	SED-HW	SGI	Silicon Graphics Inc	9.55.01		Flare9.55.01&PROM 1.73toSGI RAID Phoenix Cntrl, 4DG RAID 2.3
Firmware, RAID Controller MC	PROM	SED-HW	SGI	Data General	1.73		
Firmware, RAID Controller MC	RAID Driver	SED-HW	SGI	Data General	2.3		DG RAID 2.3 on SGI hosts, so back-up hosts need DG RAID 2.3
HP LaserJet SW	JetAdmin	IDG	PC	Hewlett Packard Corp	2.3.3	C:\windows\system	
HP LaserJet SW	JetAdmin	IDG	SUN	Hewlett Packard Corp	D.02.10	/opt/hpnp	
Internet Browser	Netscape Browser	IDG	HP	Netscape Communications Corp	3.01	/usr/ecs/<mode>/COTS/nb	
Internet Browser	Netscape Browser	IDG	SGI	Netscape Communications Corp	3.01	/usr/ecs/<mode>/COTS/nb	
Internet Browser	Netscape Browser	IDG	SUN	Netscape Communications Corp	3.01	/usr/ecs/<mode>/COTS/nb	
Internet Server	Netscape Enterprise Server	CLS	HP	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home	
Internet Server	Netscape Enterprise Server	CLS	SGI	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home	
Internet Server	Netscape Enterprise Server	CLS	SUN	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home	
Libraries, Shared	DBTools.h++	IDG	HP	Rogue Wave	2.1.1	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	DBTools.h++	IDG	SGI	Rogue Wave	2.1.1	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	DBTools.h++	IDG	SUN	Rogue Wave	2.1.1	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	HCL Libraries	IDG	SGI	Hughes Help Center	NA		
Libraries, Shared	HDF Libraries	IDG	SGI	Nat.Cntr.Supercomputing Appl.	4.1r1	/usr/ecs/<mode>/COTS/lib/HDF	EOS std.is NCSA HDF.PGEs->HDF.4.0r2 in ClearCase.HDF-EOS ext
Libraries, Shared	HDF Libraries	IDG	SUN	Nat.Cntr.Supercomputing Appl.	4.1r1	/usr/ecs/<mode>/COTS/lib/HDF	
Libraries, Shared	IMSL Libraries	IDG	SGI	Visual Numerics	2.0	/usr/ecs/<mode>/COTS/lib/IMSL/lib*	ECS owns C,F77/90code,9 libs.SGI32,64,32(new)modes,PGEs use.
Libraries, Shared	Net.h++	IDG	HP	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Net.h++	IDG	SGI	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Net.h++	IDG	SUN	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Tools.h++	IDG	HP	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Tools.h++	IDG	SGI	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Tools.h++	IDG	SUN	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
License Management	FlexLM	NSS	SUN	Unknown	6.1	/usr/local/flexlm (typical)	Procured with sw from Sun, but developer is Globetrotter
License Management	iFOR/LS	NSS	HP	Unknown	3.0.0	/opt/ifor (typical)	From HP, but dev.is Gradient Technol. Old name was NetLs.
Network Backup	Legato Networker Client	MSS	SGI	Legato Systems	4.2.3	/usr/ecs/<mode>/COTS/nsr*	
Network Backup	Legato Networker Client	MSS	SUN	Legato Systems	4.2.3	/usr/ecs/<mode>/COTS/nsr*	
Network Backup	Legato Networker Server	MSS	SUN	Legato Systems	4.2.3	/usr/ecs/<mode>/COTS/nsr*	
Network File System (NFS)	HP NFS	IDG	HP	Hewlett Packard Corp	3.0	As required by the OS	
Network File System (NFS)	IRIX NFS	IDG	SGI	Silicon Graphics Inc	2.0	As required by the OS	
Network File System (NFS)	Interdrive 95	IDG	PC	FTP Software	TBD		
Network File System (NFS)	Solaris NFS	IDG	SUN	SUN Microsystems Inc	3.0	As required by the OS	
Network Management	HP OpenView	MSS	HP	Hewlett Packard Corp	4.1	/usr/ecs/<mode>/COTS/OV	
Operating System	HP-UX	IDG	HP	Hewlett Packard Corp	10.10	As required by the OS	For VATC only
Operating System	HP-UX	IDG	HP	Hewlett Packard Corp	10.20	As required by the OS	Origin series
Operating System	IRIX	IDG	SGI	Silicon Graphics Inc	6.2		Part of AMASS configuration
Operating System	OS/2 Warp	IDG	E-A2	Intl Business Machine	3.0	As required by the OS	SGI->Sun v2 /etc/vfstab (Sun). Other /etc/fstab/vfstab as v3
Operating System	Solaris	IDG	SUN	SUN Microsystems Inc	2.5.1	/bin	

OCT 1998
RELEASE

ORIGINAL

910-TDA-003 Rev: 010

OCT 1998
CM RELEASE

(picotsbl)
System Monitoring and Coordination Center
Control Item ID: b00009071

COTS SOFTWARE VERSION BASELINE REPORT
ECS-wide Subsystem Baseline, Ver 2.0, Drop 4PX

Date of Configuration: 10/16/98

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Operating System	Windows	IDG	PC	Microsoft Corp.	Win95/Plus	As required by the OS	
Processing COTS	AutoSys	PDPS	SUN	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
Processing COTS	AutoSys Remote Agent	PDPS	SGI	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
Processing COTS	AutoSys Remote Agent	PDPS	SUN	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
Processing COTS	AutoSys Xpert	PDPS	SUN	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
RDBMS	ESSM	DDM	HP	Sybase Inc	11.0.1		ESSM: Enterprise SQL Svr Mgr. Not by ECS.Not supported.
RDBMS	ODBC Drivers	DDM	PC	Intersolv	1.12		Any PC whose host has Sybase installed
RDBMS	Open Client/C	DDM	PC	Sybase Inc	10.0.3	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C	DDM	SGI	Sybase Inc	~~Pre-Release~~ 11.1.1	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C (isql & bcp)	DDM	HP	Sybase Inc	10.0.4		
RDBMS	Open Client/C (isql & bcp)	DDM	SUN	Sybase Inc	10.0.4	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C (no isql, bcp)	DDM	HP	Sybase Inc	11.1.0	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C (no isql, bcp)	DDM	SUN	Sybase Inc	11.1.0	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Replication Server	IDG	HP	Sybase Inc	11.0.3		
RDBMS	SQL Monitor	DDM	HP	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS	
RDBMS	SQL Monitor	DDM	SGI	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS	
RDBMS	SQL Monitor	DDM	SUN	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS	
RDBMS	SQL Server	DDM	HP	Sybase Inc	11.0.2.2	/usr/ecs/<mode>/COTS/sybase	
RDBMS	SQL Server	DDM	SGI	Sybase Inc	11.0.2.1	/usr/ecs/<mode>/COTS/sybase	
RDBMS	SQL Server	DDM	SUN	Sybase Inc	11.0.2.2	/usr/ecs/<mode>/COTS/sybase	
RDBMS	Spatial Query Server (SQS)	DDM	SGI	Automatrics	2.2.2.29A	/data/sqs222	
SNMP Agents	SNMP Agent	MSS	HP	Hewlett Packard Corp	10.X	/etc	Bundled w/OS; version is OS version
SNMP Agents	SNMP Agent	MSS	PC	Intl Business Machine	3.0	as required by OS	Bundled w/OS; version is OS version (AMASS)
SNMP Agents	SNMP Agent	MSS	SGI	Silicon Graphics Inc	6.2	/usr/etc	Bundled w/OS; version is OS version
SNMP Agents	SNMP Agent	MSS	SUN	Freeware	2.5.1	as required by OS	Bundled w/OS; version is OS version
Scanner Software	TextBridge Pro	DSS	PC	XEROX	Pro96 for Win95		Purchased with HP scanners
Scanner Software	Zebra Bar-One Platinum	DSS	PC	Platinum Technology	NA		Product sw/hw. A small plug that must be attached to the PC.
Security	Anlpassword	MSS	HP	Unknown	NA		
Security	Anlpassword	MSS	SGI	Unknown	NA		
Security	Anlpassword	MSS	SUN	Unknown	NA		
Security	Crack	MSS	SUN	Freeware	4.1	/usr/local/solaris/crack	Public Domain, standalone.
Security	Kerberos	MSS	HP	CYGNUS Support	1.0	/usr/Cygnus	Was Kerberos.Bin on Irix 6.2. Bin.used are only KTELNET
Security	Kerberos	MSS	SGI	CYGNUS Support	1.0	/usr/Cygnus	Was Kerberos.Bin on Irix 6.2. Bin.used are only KTELNET
Security	Kerberos	MSS	SUN	CYGNUS Support	1.0	/usr/Cygnus	Was Kerberos.Bin on Irix 6.2. Bin.used are only KTELNET
Security	SATAN	MSS	SUN	Freeware	1.1.1	/usr/local/solaris/satan-1.1.1	Public Domain, standalone.
Security	Sudo	MSS	SUN	Freeware	1.5.4	/tools/bin	
Security	TCP Wrappers	MSS	HP	Freeware	7.4	/etc/wrappers/tcpd	Public Domain, standalone.
Security	TCP Wrappers	MSS	SGI	Freeware	7.4	/etc/wrappers/tcpd	
Security	TCP Wrappers	MSS	SUN	Freeware	7.4	/etc/wrappers/tcpd	Public Domain, standalone.
Security	Tripwire	MSS	HP	Unknown	1.2	/etc/tripwire-1.2	
Security	Tripwire	MSS	SGI	Unknown	1.2	/etc/tripwire-1.2	
Security	Tripwire	MSS	SUN	Unknown	1.2	/etc/tripwire-1.2	
Security	Performance Co-Pilot (PCP)	DSS	SGI	Silicon Graphics Inc	1.2	/var/pcp	(For GSFC DAAC only)
System Monitoring	LoadRunner	IDG	SUN	Mercury Interactive	4.0	TBS	VATC only
Testing Software	Pure-Coverage	IDG	SUN	Rational Software Corp	1.2	/tools/purecov	VATC only
Testing Software	Purify	IDG	SUN	Rational Software Corp	1.2	/tools/purify	VATC only
Testing Software	Top	IDG	SUN	Unknown	3.4	/tools/bin	VATC only
Testing Software	Xrunner	IDG	SUN	Mercury Interactive	4.0.1	/tools/xrunner/bin	VATC only
Testing Software	Tivoli Client	MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	Client:Admin,Courier,ECLA, Mgt Plat.(3.01),Sentry
Tivoli	Tivoli Client	MSS	SGI	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	
Tivoli	Tivoli Client	MSS	SUN	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	
Tivoli	Tivoli Server	MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	
Trouble Ticketing	Remedy ARS	SED-HW	SGI	Remedy Corp	2.1.3	/usr/ar	
Unix Bulletin Board	INN	IDG	SUN	Freeware	NA		
Unix Bulletin Board	NN Bulletin Board Client	IDG	SUN	Freeware	NA		
Unix Mail Software	Zmail	IDG	HP	Network Computing Devices	3.2.0	/tools/bin	
Unix Mail Software	Zmail	IDG	SGI	Network Computing Devices	3.2.0	/tools/bin	
Unix Mail Software	Zmail	IDG	SUN	Network Computing Devices	3.2.0	/tools/bin	
Unix Script Interpreters	PERL	IDG	HP	Freeware	5.003	/tools/bin	
Unix Script Interpreters	PERL	IDG	SGI	Freeware	5.003	/tools/bin	
Unix Script Interpreters	PERL	IDG	SUN	Freeware	5.003	/tools/bin	
Unix Shell	tcsh	IDG	HP	Hewlett Packard Corp	6.07	/tools/bin/tcsh	Available from ftp.astron:/pub/tcsh
Unix Shell	tcsh	IDG	SUN	SUN Microsystems Inc	7.6	/tools/bin/tcsh	Available from ftp.astron:/pub/tcsh
Window Manager	CDE	CLS	HP	Hewlett Packard Corp	10.10	/usr/dt	Included in the SUN Bundle
Window Manager	CDE	CLS	HP	Hewlett Packard Corp	10.20	/usr/dt	
Window Manager	CDE	CLS	SUN	SUN Microsystems Inc	1.0.2	/usr/dt	Included in the Sun OS bundle
Window Manager	OSF/Motif	CLS	HP	Hewlett Packard Corp	1.2.6	/usr/ecs/<mode>/COTS/lib/motif?	As bundled w/OS version
Window Manager	OSF/Motif	CLS	SGI	Silicon Graphics Inc	1.2.4	/usr/ecs/<mode>/COTS/lib/motif?	As bundled w/OS version

910-TDA-003 Rev:010

ORIGINAL

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Window Manager	OSF/Motif	CLS	SUN	SUN Microsystems Inc	1.2.5		Through CDE. Kept to support custom desktop.
Window Manager	X11	CLS	HP	Hewlett Packard Corp	R6		As bundled w/OS version
Window Manager	X11	CLS	SGI	Silicon Graphics Inc	R6		As bundled w/OS version
Window Manager	X11	CLS	SUN	SUN Microsystems Inc	R6		As bundled w/OS version

There are 208 software items in this report.

OCT 1998
CM RELEASE

ORIGINAL

910-TDA-003
Rev: 010

ORIGINAL "FROM" DOCUMENT

(picotsbl)
System Monitoring and Coordination Center
Control Item ID: b00009071

COTS SOFTWARE VERSION BASELINE REPORT
ECS-wide Subsystem Baseline, Ver.2.0, Drop 4PX

DATE: 10/16/98 TIME: 13:55
PAGE: 1
Date of Configuration: 10/16/98

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Compilers, Ada	Ada 95 Compiler	IDG	SGI	Silicon Graphics Inc	1.2		(For Langley DAAC only)
Compilers, Ada	Ada 95 Compiler	IDG	SUN	Transarc Corporation	1.2		
Compilers, Ada	SPARCompiler Ada	IDG	SUN	SUN Microsystems Inc	2.0	/usr/ecs/<mode>/COTS/SUNWspro/Ada2.1.1	
Compilers, C	C Compiler	IDG	SGI	Silicon Graphics Inc	7.1	/usr/bin/cc	7.2 only on Science Processors
Compilers, C	C Compiler	IDG	SGI	Silicon Graphics Inc	7.2	/usr/bin/cc	7.2 only on Science Processors
Compilers, C	C Compiler (IRIX Devel)	IDG	SGI	Silicon Graphics Inc	6.2	/usr/bin/cc	Builds the OS kernel after ANASS installation
Compilers, C	C (SPARC Compiler)	IDG	SUN	SUN Microsystems Inc	4.0	/opt/SUNWspro	
Compilers, C++	C ++ (Cpp)	IDG	SGI	Silicon Graphics Inc	7.1	/usr/lib/cpp	7.2 only on Science Processors
Compilers, C++	C ++ (Cpp)	IDG	SGI	Silicon Graphics Inc	7.2	/usr/lib/cpp	7.2 only on Science Processors
Compilers, C++	C++ (SparCompiler)	IDG	SUN	SUN Microsystems Inc	4.1	/opt/SUNWspro	
Compilers, FORTRAN	FORTRAN 77 Compiler	IDG	SGI	Silicon Graphics Inc	7.1	/usr/Workshop/usr/bin	
Compilers, FORTRAN	FORTRAN 77 Compiler	IDG	SGI	Silicon Graphics Inc	7.2	/usr/Workshop/usr/bin	7.2 only on Science Processors
Compilers, FORTRAN	FORTRAN 77 Compiler	IDG	SUN	SUN Microsystems Inc	7.1	/usr/Workshop/usr/bin	
Compilers, FORTRAN	FORTRAN 90 Compiler	IDG	SGI	Silicon Graphics Inc	7.1		
Compilers, FORTRAN	FORTRAN 90 Compiler	IDG	SGI	Silicon Graphics Inc	7.2		7.2 only on Science Processors
Compilers, FORTRAN	NAG90 Compiler	IDG	SGI	Numerical Algorithms Group Inc	2.2	/usr/WorkShop/usr/bin	old 32 bit only for SGI; patch ngsc522-334
Compilers, FORTRAN Checker	FORCHECK	IDG	SUN	Computerware Inc	12.30	/usr/ecs/<mode>/COTS/forcheck	
Compilers, Java Devel	jre	CLS	SUN	SUN Microsystems Inc	1.1.5	/usr/ecs/<mode>/COTS/jre	
Compression Tool	Gnu Unzip	IDG	HP	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Unzip	IDG	SGI	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Unzip	IDG	SUN	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Zip	IDG	HP	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Zip	IDG	SGI	Freeware	1.2.4	/tools/bin	
Compression Tool	Gnu Zip	IDG	SUN	Freeware	1.2.4	/tools/bin	
Configuration Management	ACCELL	MSS	SUN	Unify Corp	2.0.7.2.0	/usr/ecs/<mode>/COTS/accell	Includes the Unify RDBS
Configuration Management	ClearCase Client	MSS	SGI	Rational Software Corp	3.1.1	/usr/atria, usr/adm/atria	cl./svr. Deploy/CCS owns in the EDF; Dev/MSS at the sites
Configuration Management	ClearCase Client	MSS	SUN	Rational Software Corp	3.1.1	/usr/atria, usr/adm/atria	cl./svr. Deploy/CCS owns in the EDF; Dev/MSS at the sites
Configuration Management	ClearCase DDTS Integration	MSS	SUN	Rational Software Corp	2.1		
Configuration Management	ClearCase Server	MSS	SUN	Rational Software Corp	3.1.1	/usr/atria, usr/adm/atria	
Configuration Management	DDTS	MSS	SUN	Rational Software Corp	3.2.1	/usr/ecs/<mode>/COTS/ddts	
Configuration Management	Physical Network Manager	IDG	HP	Accugraph	3.0		
Configuration Management	XRP II	MSS	SUN	HTG Corporation	3.1	/usr/ecs/<mode>/COTS/xrp	Checked in CM
DCE	DCE Cell Manager	IDG	HP	Chisolm Technology	1.6.2	/opt/cellmgr/bin	Reside in MSS Server
DCE	DCE Client	IDG	HP	Hewlett Packard Corp	1.4.2	/opt/dcelocal/bin	Equivalent to OSF Version 1.1. For HP-UX 10.10.
DCE	DCE Client	IDG	HP	Hewlett Packard Corp	1.5	/opt/dcelocal	Equivalent to OSF Version 1.1. For HP-UX-10.20. VATC only.
DCE	DCE Client	IDG	SGI	Silicon Graphics Inc	1.1b	/opt/dcelocal	
DCE	DCE Client	IDG	SUN	Transarc Corporation	1.1	/opt/dcelocal	
DCE	DCE Server	IDG	SUN	Transarc Corporation	1.1	/opt/dcelocal/bin	
DCE	OODCE	IDG	HP	Hewlett Packard Corp	1.1		
DCE	OODCE	IDG	SUN	EOSDIS Core System	1.1	/opt/dce/etc	
Development Suite	IMAKE	IDG	SGI	Silicon Graphics Inc	TBD	TBD	
Development Suite	IMAKE	IDG	SUN	SUN Microsystems Inc	Source code vers. 1.72	/usr/openwin/bin/	Source code version
Development Suite	ProDev Workshop	IDG	SGI	Silicon Graphics Inc	2.6.2		Includes cvd debugger. (Formerly CasaVision)
Development Suite	SoftBench for C++	IDG	HP	Hewlett Packard Corp	5.0.3	/usr/ecs/<mode>/COTS/softbench	
Development Suite	Visual Workshop	IDG	SUN	SUN Microsystems Inc	1.1		(formerly SparcWorks, TeamWare, Impact, C. C++)
Development Suite, GUI	BuilderXcessory	MSS	HP	Integrated Computer Solutions	3.5.1	/tools/bx	
Development Suite, GUI	BuilderXcessory	MSS	SGI	Integrated Computer Solutions	3.5.1	/tools/bx	
Development Suite, GUI	BuilderXcessory	MSS	SUN	Integrated Computer Solutions	3.5.1	/tools/bx	
Development Suite, GUI	Epak/GraphPak	IDG	SUN	Integrated Computer Solutions	2.5	/tools/bx/epak25/doc	
Development Suite, GUI, TCL	TCL/Tk: Expect	MSS	SUN	Freeware	5.22.0	/tools/bin	
Development Suite, GUI, TCL	TCL/Tk: Expe-tk	MSS	SUN	Freeware	5.22.0	/tools/bin	
Development Suite, GUI, TCL	TCL/Tk: Incr Tcl (iTcl)	MSS	HP	SUN Microsystems Inc	2.2.2patch 2	/tools/bin	OOP for Tcl/Tk
Development Suite, GUI, TCL	TCL/Tk: Incr Tcl (iTcl)	MSS	SGI	SUN Microsystems Inc	2.2.2patch 2	/tools/bin	OOP for Tcl/Tk
Development Suite, GUI, TCL	TCL/Tk: Incr Tcl (iTcl)	MSS	SUN	SUN Microsystems Inc	2.2.2patch 2	/tools/bin	OOP for Tcl/Tk
Development Suite, GUI, TCL	TCL/Tk: TCL DP	MSS	HP	Freeware	3.5b3	/tools/bin	Distributed Internet TCL programming
Development Suite, GUI, TCL	TCL/Tk: TCL-DP	MSS	SGI	Freeware	3.5b3	/tools/bin	Distributed Internet TCL programming
Development Suite, GUI, TCL	TCL/Tk: TCL-DP	MSS	SUN	Freeware	3.5b3	/tools/bin	Distributed Internet TCL programming
Development Suite, GUI, TCL	TCL/Tk: TCLX	MSS	HP	Freeware	7.6	/tools/bin	Allows more control of unix commands
Development Suite, GUI, TCL	TCL/Tk: TCLX	MSS	SGI	Freeware	7.6	/tools/bin	Allows more control of unix commands
Development Suite, GUI, TCL	TCL/Tk: TCLX	MSS	SUN	Freeware	7.6	/tools/bin	Allows more control of unix commands
Development Suite, GUI, TK	TCL/Tk: GroupKit	MSS	HP	Freeware	4.3.3	/tools/bin	Real-Time Processing
Development Suite, GUI, TK	TCL/Tk: GroupKit	MSS	SGI	Freeware	4.3.3	/tools/bin	Real-Time Processing
Development Suite, GUI, TK	TCL/Tk: GroupKit	MSS	SUN	Freeware	4.3.3	/tools/bin	Real-Time Processing
Development Suite, GUI, TK	TCL/Tk: Tix	MSS	HP	Freeware	4.1.0	/tools/bin	Library for over 40 mega widgets
Development Suite, GUI, TK	TCL/Tk: Tix	MSS	SGI	Freeware	4.1.0	/tools/bin	Library for over 40 mega widgets
Development Suite, GUI, TK	TCL/Tk: Tix	MSS	SUN	Freeware	4.1.0	/tools/bin	Library for over 40 mega widgets
Development Suite, GUI, TK	TCL/Tk: TkTree	MSS	HP	Freeware	4.1	/tools/bin	Widget for displaying dynamic trees
Development Suite, GUI, TK	TCL/Tk: TkTree	MSS	SGI	Freeware	4.1	/tools/bin	Widget for displaying dynamic trees

910-TDA-003
Rev: 09

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Development Suite, GUI, TK	TCL/Tk: TkTree	MSS	SUN	Freeware	4.1	/tools/bin	Widget for displaying dynamic trees
Disk/Volume Manager	Veritas	SED-HW	SUN	SUN Microsystems Inc	TBD		RAID (Storage Array) Mgmt. only
Document Generation	Microsoft Office Professional	MSS	SUN	Microsoft Corp.	7.0		
Document Generation	WABI	MSS	SUN	SUN Microsystems Inc	2.2	/opt/SUNWwabi/bin	Provided as a free OS option
Editing & Viewing	Acrobat Reader	IDG	SUN	Adobe Systems Inc	3.0	/tools/bin/Acrobat3/Reader	
Editing & Viewing	EMACS	IDG	HP	Freeware	19.31.1	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	EMACS	IDG	SGI	Freeware	19.30.9	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	EMACS	IDG	SUN	Freeware	19.28	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	GhostView	PDPS	SUN	Freeware	1.5	/tools/bin	Freeware checked through ClearCase
Editing & Viewing	IDL	IDG	SGI	Research Systems Inc.	5.0.2	/usr/ecs/<mode>/COTS/idl_5/bin	IDL bins in EOSVIEW not upgrad.Moppitt PGEs may use dif.ver
Editing & Viewing	IDL	IDG	SUN	Research Systems Inc.	5.0.2	/usr/ecs/<mode>/COTS/idl_5/bin	
Editing & Viewing	Xedit	PDPS	SGI	(TBD)		/tools/bin/xedit	
Editing & Viewing	Xedit	PDPS	SUN	Unknown	1.0	/tools/bin/xedit	
Editing & Viewing	hdiff	PDPS	SUN	Freeware	TBD		
Enhanced NFS	BDS	SED-HW	SGI	Silicon Graphics Inc	2.0	/usr/bds	Only on SGI Hippi hosts.
File Storage Mgt System	ACSLS	SED	SUN	StorageTek	5.1	/export/home	Sparc 5 front end.Sol.2.5.1std ECS patch set.STK Powd/Wolfck
File Storage Mgt System	AMASS	SED-HW	SGI	EMASS	4.9.0.2 (Rev 12)	/das_amass	
File Storage Mgt System	AML Mgt Unit (AMU) Software	SED-HW	PS/2	EMASS	2.40E	c:\amu	
File Storage Mgt System	DAS	SED-HW	PS/2	EMASS	1.3C7	c:/das	
File Storage Mgt System	LMU (microcode)	SED-HW	SLMU	StorageTek	1.4.03	/export/home	Library Mngr Unit processor. STK Powderhorn/Wolfcreek only
File Storage Mgt System	Microcode for IBM 3590	IDG	AML2	EMASS	I9_430		EMASS AML/2 only
File Storage Mgt System	RS (microcode)	SED-HW	S-D3	StorageTek	3.01, Level EC110390	/export/home	Microcode for D3. STK Powderhorn/Wolfcreek only
File Storage Mgt System	SSU (microcode)	SED-HW	SCTU	StorageTek	5.1.1	/export/home	Cartrtidge Tape Unit proc. STK Powderhorn/Wolfcreek only
File Transfer	ssh secure shell commercial	SED-HW	SGI	Data Fellows	1.3.3	/tools/bin	
File Transfer	ssh secure shell commercial	SED-HW	SUN	Data Fellows	1.3.3	/tools/bin	
File Transfer	ssh secure shell freeware	SED-HW	HP	Freeware	1.2.26	/tools/bin	
File Transfer	ssh secure shell freeware	SED-HW	SGI	Freeware	1.2.26	/tools/bin	
File Transfer	ssh secure shell freeware	SED-HW	SUN	Freeware	1.2.26	/tools/bin	
Firmware, Fore FDDI Switch	PROM	SED-HW	FDDI	Fore Systems	7pep-2.5.5 (s1.85)		
Firmware, RAID Controller MC	Flare Code (RAID Controller)	SED-HW	SGI	Silicon Graphics Inc	9.55.01		Flare9.55.01&PROM 1.73toSGI RAID Phoenix Cntrl, &DG RAID 2.3
Firmware, RAID Controller MC	PROM	SED-HW	SGI	Data General	1.73		
Firmware, RAID Controller MC	RAID Driver	SED-HW	SGI	Data General	2.3		DG RAID 2.3 on SGI hosts, so back-up hosts need DG RAID 2.3
HP LaserJet SW	JetAdmin	IDG	PC	Hewlett Packard Corp	2.3.3	C:\windows\system	
HP LaserJet SW	JetAdmin	IDG	SUN	Hewlett Packard Corp	D.02.10	/opt/hpnp	
Internet Browser	Netscape Browser	IDG	HP	Netscape Communications Corp	3.01	/usr/ecs/<mode>/COTS/nb	
Internet Browser	Netscape Browser	IDG	SGI	Netscape Communications Corp	3.01	/usr/ecs/<mode>/COTS/nb	
Internet Browser	Netscape Browser	IDG	SUN	Netscape Communications Corp	3.01	/usr/ecs/<mode>/COTS/nb	
Internet Server	Netscape Enterprise Server	CLS	HP	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home	
Internet Server	Netscape Enterprise Server	CLS	SGI	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home	
Internet Server	Netscape Enterprise Server	CLS	SUN	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home	
Libraries, Shared	DBTools.h++	IDG	HP	Rogue Wave	2.1.1	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	DBTools.h++	IDG	SGI	Rogue Wave	2.1.1	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	DBTools.h++	IDG	SUN	Rogue Wave	2.1.1	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	HCL Libraries	IDG	SGI	Hughes Help Center	NA		
Libraries, Shared	HDF Libraries	IDG	SGI	Nat.Cntr.Supercomputing Appl.	4.1r1	/usr/ecs/<mode>/COTS/lib/HDF	EOS std is NCSA HDF.PGEs->HDF.4.Cr2 in ClearCase.HDF-EOS ext
Libraries, Shared	HDF Libraries	IDG	SUN	Nat.Cntr.Supercomputing Appl.	4.1r1	/usr/ecs/<mode>/COTS/lib/HDF	
Libraries, Shared	IMSL Libraries	IDG	SGI	Visual Numerics	2.0	/usr/ecs/<mode>/COTS/lib/IMSL/lib*	ECS owns C,F77/90code,9 libs SGI32,64,32(new)modes.PGEs uss.
Libraries, Shared	Net.h++	IDG	HP	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Net.h++	IDG	SGI	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Net.h++	IDG	SUN	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Tools.h++	IDG	HP	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Tools.h++	IDG	SGI	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
Libraries, Shared	Tools.h++	IDG	SUN	Rogue Wave	7.0.2	/usr/ecs/<mode>/COTS/lib/rw	
License Management	FlexLM	MSS	SUN	Unknown	6.1	/usr/local/flexlm (typical)	Procured with sw from Sun, but developer is Globetrotter
License Management	iFOR/LS	MSS	HP	Unknown	3.0.0	/opt/ifor (typical)	From HP, but dev is Gradient Technol. Old name was NetLs.
Network Backup	Legato Networker Client	MSS	SGI	Legato Systems	4.2.3	/usr/ecs/<mode>/COTS/nsr*	
Network Backup	Legato Networker Client	MSS	SUN	Legato Systems	4.2.3	/usr/ecs/<mode>/COTS/nsr*	
Network Backup	Legato Networker Server	MSS	SUN	Legato Systems	4.2.3	/usr/ecs/<mode>/COTS/nsr*	
Network File System (NFS)	HP NFS	IDG	HP	Hewlett Packard Corp	3.0	As required by the OS	
Network File System (NFS)	IRIX NFS	IDG	SGI	Silicon Graphics Inc	2.0	As required by the OS	
Network File System (NFS)	Interdrive 95	IDG	PC	FTP Software	TBD		
Network File System (NFS)	Solaris NFS	IDG	SUN	SUN Microsystems Inc	3.0	As required by the OS	
Network Management	HP OpenView	MSS	HP	Hewlett Packard Corp	4.1	/usr/ecs/<mode>/COTS/OV	
Operating System	HP-UX	IDG	HP	Hewlett Packard Corp	10.10	As required by the OS	
Operating System	HP-UX	IDG	HP	Hewlett Packard Corp	10.20	As required by the OS	For VATC only
Operating System	IRIX	IDG	SGI	Silicon Graphics Inc	6.2		Origin series
Operating System	OS/2 Warp	IDG	E-A2	Intl Business Machine	3.0	As required by the OS	Part of AMASS configuration
Operating System	Solaris	IDG	SUN	SUN Microsystems Inc	2.5.1	/bin	SGI->Sun v2 /etc/vfstab (Sun). Other /etc/fstab/vfstab as v3

910-TDA-003
Rev:09

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Operating System	Windows	IDG	PC	Microsoft Corp.	Win95/Plus	As required by the OS	
Processing COTS	AutoSys	PDPS	SUN	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
Processing COTS	AutoSys Remote Agent	PDPS	SGI	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
Processing COTS	AutoSys Remote Agent	PDPS	SUN	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
Processing COTS	AutoSys Xport	PDPS	SUN	Platinum Technology	3.37	/usr/ecs/<mode>/COTS/autotreeb	
RDBMS	ESSM	DDM	HP	Sybase Inc	11.0.1		ESSM: Enterprise SQL Svr Mgr. Not by ECS.Not supported.
RDBMS	ODBC Drivers	DDM	PC	Intersolv	1.12		
RDBMS	Open Client/C	DDM	PC	Sybase Inc	10.0.3	/usr/ecs/<mode>/COTS/lib/sybase	Any PC whose host has Sybase installed
RDBMS	Open Client/C	DDM	SGI	Sybase Inc	Pre-Release 11.1.1	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C (isql & bcp)	DDM	HP	Sybase Inc	10.0.4		
RDBMS	Open Client/C (isql & bcp)	DDM	SUN	Sybase Inc	10.0.4	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C (no isql, bcp)	DDM	HP	Sybase Inc	11.1.0	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Open Client/C (no isql, bcp)	DDM	SUN	Sybase Inc	11.1.0	/usr/ecs/<mode>/COTS/lib/sybase	
RDBMS	Replication Server	IDG	HP	Sybase Inc	11.0.3		
RDBMS	SQL Monitor	DDM	HP	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS	
RDBMS	SQL Monitor	DDM	SGI	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS	
RDBMS	SQL Monitor	DDM	SUN	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS	
RDBMS	SQL Server	DDM	HP	Sybase Inc	11.0.2.2	/usr/ecs/<mode>/COTS/sybase	
RDBMS	SQL Server	DDM	SGI	Sybase Inc	11.0.2.1	/usr/ecs/<mode>/COTS/sybase	
RDBMS	SQL Server	DDM	SUN	Sybase Inc	11.0.2.2	/usr/ecs/<mode>/COTS/sybase	
RDBMS	Spatial Query Server (SQS)	DDM	SGI	Autometrics	2.2.2.29A	/data/aqa222	
SNMP Agents	SNMP Agent	MSS	HP	Hewlett Packard Corp	10.X	/etc	Bundled w/OS; version is OS version
SNMP Agents	SNMP Agent	MSS	PC	Intl Business Machine	3.0	as required by OS	Bundled w/OS; version is OS version (AMASS)
SNMP Agents	SNMP Agent	MSS	SGI	Silicon Graphics Inc	6.2	/usr/etc	Bundled w/OS; version is OS version
SNMP Agents	SNMP Agent	MSS	SUN	Freeware	2.5.1	as required by OS	Bundled w/OS; version is OS version
Scanner Software	TextBridge Pro	DSS	PC	XEROX	Pro96 for Win95		Purchased with HP scanners
Scanner Software	Zebra Bar-One Platinum	DSS	PC	Platinum Technology	NA		Product sw/hw. A small plug that must be attached to the PC.
Security	Anlpassword	MSS	HP	Unknown	NA		
Security	Anlpassword	MSS	SGI	Unknown	NA		
Security	Anlpassword	MSS	SUN	Unknown	NA		
Security	Crack	MSS	SUN	Freeware	4.1	/usr/local/solaris/crack	Public Domain, standalone.
Security	Kerberos	MSS	HP	CYGNUS Support	1.0	/usr/Cygnus	Was Kerberos.Bin on Irix 6.2. Bin.used are only KTELNET
Security	Kerberos	MSS	SGI	CYGNUS Support	1.0	/usr/Cygnus	Was Kerberos.Bin on Irix 6.2. Bin.used are only KTELNET
Security	Kerberos	MSS	SUN	CYGNUS Support	1.0	/usr/Cygnus	Was Kerberos.Bin on Irix 6.2. Bin.used are only KTELNET
Security	SATAN	MSS	SUN	Freeware	1.1.1	/usr/local/solaris/satan-1.1.1	Public Domain, standalone.
Security	Sudo	MSS	SUN	Freeware	1.5.4	/tools/bin	
Security	TCP Wrappers	MSS	HP	Freeware	7.4	/etc/wrappers/tcpd	Public Domain, standalone.
Security	TCP Wrappers	MSS	SGI	Freeware	7.4	/etc/wrappers/tcpd	
Security	TCP Wrappers	MSS	SUN	Freeware	7.4	/etc/wrappers/tcpd	
Security	Tripwire	MSS	HP	Unknown	1.2	/etc/tripwire-1.2	Public Domain, standalone.
Security	Tripwire	MSS	SGI	Unknown	1.2	/etc/tripwire-1.2	
Security	Tripwire	MSS	SUN	Unknown	1.2	/etc/tripwire-1.2	
System Monitoring	Performance Co-Pilot (PCP)	DSS	SGI	Silicon Graphics Inc	1.2	/var/pcp	(For GSFC DAAC only)
Testing Software	LoadRunner	IDG	SUN	Mercury Interactive	4.0	TBS	VATC only
Testing Software	Pure-Coverage	IDG	SUN	Rational Software Corp	1.2	/tools/purecov	VATC only
Testing Software	Purify	IDG	SUN	Rational Software Corp	3.2	/tools/purify	VATC only
Testing Software	Top	IDG	SUN	Unknown	3.4	/tools/bin	VATC only
Testing Software	Xrunner	IDG	SUN	Mercury Interactive	4.0.1	/tools/xrunner/bin	VATC only
Tivoli	Tivoli Client	MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	Client:Admin,Courier,ECLA, Mgt Plat.(3.01),Sentry
Tivoli	Tivoli Client	MSS	SGI	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	
Tivoli	Tivoli Client	MSS	SUN	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	
Tivoli	Tivoli Server	MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli	
Trouble Ticketing	Remedy ARS	SED-HW	SGI	Remedy Corp	2.1.3	/usr/ar	
Unix Bulletin Board	INN	IDG	SUN	Freeware	NA		
Unix Bulletin Board	NN Bulletin Board Client	IDG	SUN	Freeware	NA		
Unix Mail Software	Zmail	IDG	HP	Network Computing Devices	3.2.0	/tools/bin	
Unix Mail Software	Zmail	IDG	SGI	Network Computing Devices	3.2.0	/tools/bin	
Unix Mail Software	Zmail	IDG	SUN	Network Computing Devices	3.2.0	/tools/bin	
Unix Script Interpreters	PERL	IDG	HP	Freeware	5.003	/tools/bin	
Unix Script Interpreters	PERL	IDG	SGI	Freeware	5.003	/tools/bin	
Unix Script Interpreters	PERL	IDG	SUN	Freeware	5.003	/tools/bin	
Unix Shell	tcsh	IDG	HP	Hewlett Packard Corp	6.07	/tools/bin/tcsh	Available from ftp.astron:/pub/tcsh
Unix Shell	tcsh	IDG	SUN	SUN Microsystems Inc	7.6	/tools/bin/tcsh	Available from ftp.astron:/pub/tcsh
Window Manager	CDE	CLS	HP	Hewlett Packard Corp	10.10	/usr/dt	Included in the SUN Bundle
Window Manager	CDE	CLS	HP	Hewlett Packard Corp	10.20	/usr/dt	
Window Manager	CDE	CLS	SUN	SUN Microsystems Inc	1.0.2	/usr/dt	Included in the Sun OS bundle
Window Manager	OSF/Motif	CLS	HP	Hewlett Packard Corp	1.2.6	/usr/ecs/<mode>/COTS/lib/motif?	As bundled w/OS version
Window Manager	OSF/Motif	CLS	SGI	Silicon Graphics Inc	1.2.4	/usr/ecs/<mode>/COTS/lib/motif?	As bundled w/OS version

910-TDA-003
Rev:09

FUNCTION	ECS NAME	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY	COMMENT
Window Manager	OSF/Motif	CLS	SUN	SUN Microsystems Inc	1.2.5		Through CDE. Kept to support custom desktop.
Window Manager	X11	CLS	HP	Hewlett Packard Corp	R6		As bundled w/OS version
Window Manager	X11	CLS	SGI	Silicon Graphics Inc	R6		As bundled w/OS version
Window Manager	X11	CLS	SUN	SUN Microsystems Inc	R6		As bundled w/OS version

There are 208 software items in this report.

910-TDA-003
Rev. 09

914-TDA-053

EOSDIS Core System Project

Sybase Open Client Maintenance Upgrade for the ECS Project

Version 11.1.1

Installation and Release Notes

October 29, 1998

Raytheon Systems Company
Upper Marlboro, Maryland

ORIGINAL

Contents

1. Introduction **1**

1.1 Purpose 1
1.2 Scope 1

2. Related Documentation **2**

3. General Product Description **3**

3.1 Product Description and Capabilities 3
3.2 Subsystem Impacts 3
3.3 License Impacts (Summary) 3

4. Inventory **4**

5. Non-Conformance Status **12**

5.1 NCRs Resolved by this Update 12
5.2 Open NCRs 12

APPENDIXES

Appendix A. Adaptation Data **13**

Appendix B. Installation Instructions **14**

Appendix C. Evaluation Test Procedures **19**

1. Introduction

1.1 Purpose

This document describes changes to the ECS COTS Software Baseline to effect an upgrade of Sybase Open Client for the SGI environment. This document describes the installation and verification of Sybase Open Client Version 11.1.1 for SGI hosts. We will distribute the tar file for installation at all the DAAC sites.

The information conveyed by this document includes:

- identification of the new version release and the delivery of the tar files to the SMC
- identification of the Sybase Open Client software version 11.1.1
- description of ECS specific installation instructions
- identification and tracking of vendor documentation released with the tar files
- identification of the known bugs delivered with this COTS package

1.2 Scope

This document describes the contents of COTS delivery that will be made available to all the DAACs. The document identifies the baseline upgrades, software versions, and locations of the installed COTS products. It also provides an inventory of the delivery, and special operating instructions where applicable.

The tar file delivery to the SMC for distribution will be:

File:	sybOCv11.1.1_sgi.tar
For distribution to:	All DAACs
CCR number and title:	CCR 98-1139, Release Maintenance upgrade for SGI platforms only from Sybase Open Client 11.1.0 to 11.1.1 to ALL DAACs
Related CCR:	CCR 98-1123, Maintenance upgrade for SGI platforms only from Sybase Open Client 11.1.0 to 11.1.1

2. Related Documentation

910-TDA-003: REV 09 COTS Software Version

4. Inventory

Open Client 11.1.1 files in the tar file (sybOCv11.1.1_sgi.tar) include:

Checksum	Blocksize	Filename
789	287782	./sybOCv11.1.1_sgi.tar
26042	25	./sgi/interfaces
13173	4396	./sgi/bin/bcp
44183	4497	./sgi/bin/bcp_dce
34953	3915	./sgi/bin/defncopy
54330	4002	./sgi/bin/defncopy_dce
22483	1947	./sgi/bin/dscp
29739	2019	./sgi/bin/dscp_dce
57651	1557	./sgi/bin/dsedit
57061	3406	./sgi/bin/dsedit_dce
60132	4015	./sgi/bin/isql
2895	4119	./sgi/bin/isql_dce
22437	213	./sgi/bin/sybhelp
28258	1	./sgi/bin/sybinit.err
7449	7478	./sgi/bin/sybsetup
51777	2	./sgi/charsets/ascii_8/binary.srt
50203	10	./sgi/charsets/ascii_8/charset.loc
44195	2	./sgi/charsets/cp437/binary.srt
50037	10	./sgi/charsets/cp437/charset.loc
61603	2	./sgi/charsets/cp437/cp437.cfg
62959	17	./sgi/charsets/cp437/dictionary.srt
8641	17	./sgi/charsets/cp437/espdict.srt
18093	17	./sgi/charsets/cp437/espnoac.srt
9468	17	./sgi/charsets/cp437/espnocs.srt
6409	17	./sgi/charsets/cp437/noaccents.srt
42686	18	./sgi/charsets/cp437/nocase.srt
49179	18	./sgi/charsets/cp437/nocasepref.srt
58267	10	./sgi/charsets/cp437/utf8.ctb
39069	17	./sgi/charsets/cp850/altdict.srt
15025	17	./sgi/charsets/cp850/altnoacc.srt
11556	18	./sgi/charsets/cp850/altnocsp.srt
43799	2	./sgi/charsets/cp850/binary.srt
49992	10	./sgi/charsets/cp850/charset.loc
61603	2	./sgi/charsets/cp850/cp850.cfg
12870	17	./sgi/charsets/cp850/dictionary.srt
4117	16	./sgi/charsets/cp850/espdict.srt
17475	17	./sgi/charsets/cp850/espnoac.srt
8639	16	./sgi/charsets/cp850/espnocs.srt
24686	17	./sgi/charsets/cp850/noaccents.srt
60654	18	./sgi/charsets/cp850/nocase.srt
18877	12	./sgi/charsets/cp850/nocase34.srt
3064	18	./sgi/charsets/cp850/nocasepref.srt
55271	16	./sgi/charsets/cp850/scandict.srt
2246	18	./sgi/charsets/cp850/scannocp.srt
57245	10	./sgi/charsets/cp850/utf8.ctb
53952	2	./sgi/charsets/deckanji/binary.srt

3. General Product Description

3.1 Product Description and Capabilities

Open Client provides a portable, standard interface for client applications, which need to communicate with a Sybase SQL Server. Open Client includes both DBLIB and CTLIB libraries. Open Client supports:

- code portability between supported operating systems
- network transparency
- code modularity

3.2 Subsystem Impacts

The following subsystems/CIs are affected:

- STMGT
- INGEST
- DDIST

3.3 License Impacts (Summary)

No license key is required for Sybase Open Client 11.1.1.

56335	37	./sgi/charsets/deckanji/charset.loc
56008	2	./sgi/charsets/deckanji/deckanji.cfg
27677	368	./sgi/charsets/deckanji/utf8.ctb
49712	2	./sgi/charsets/eucjis/binary.srt
20921	42	./sgi/charsets/eucjis/charset.loc
56010	2	./sgi/charsets/eucjis/eucjis.cfg
12506	372	./sgi/charsets/eucjis/utf8.ctb
11817	22	./sgi/charsets/eucjis/zenkaku.xlt
9117	13	./sgi/charsets/iso_1/avt.xlt
46529	2	./sgi/charsets/iso_1/binary.srt
51236	10	./sgi/charsets/iso_1/charset.loc
10959	13	./sgi/charsets/iso_1/cit101e.xlt
9117	13	./sgi/charsets/iso_1/cit101xl.xlt
9117	13	./sgi/charsets/iso_1/cit50.xlt
46587	17	./sgi/charsets/iso_1/dictionary.srt
41257	17	./sgi/charsets/iso_1/espdict.srt
50548	17	./sgi/charsets/iso_1/espnoac.srt
40082	17	./sgi/charsets/iso_1/espnocs.srt
10622	13	./sgi/charsets/iso_1/hds200_7.xlt
61603	2	./sgi/charsets/iso_1/iso_1.cfg
57808	17	./sgi/charsets/iso_1/noaccents.srt
26100	18	./sgi/charsets/iso_1/nocase.srt
36060	18	./sgi/charsets/iso_1/nocasepref.srt
9117	13	./sgi/charsets/iso_1/sun.xlt
55508	10	./sgi/charsets/iso_1/utf8.ctb
9117	13	./sgi/charsets/iso_1/vt100.xlt
3076	10	./sgi/charsets/iso_1/vt200.xlt
13412	10	./sgi/charsets/iso_1/vt330.xlt
9117	13	./sgi/charsets/iso_1/wyse50.xlt
46722	2	./sgi/charsets/mac/binary.srt
51984	10	./sgi/charsets/mac/charset.loc
61603	2	./sgi/charsets/mac/mac.cfg
56494	10	./sgi/charsets/mac/utf8.ctb
47151	2	./sgi/charsets/roman8/binary.srt
52904	10	./sgi/charsets/roman8/charset.loc
12805	18	./sgi/charsets/roman8/dictionary.srt
3485	18	./sgi/charsets/roman8/espdict.srt
19077	18	./sgi/charsets/roman8/espnoac.srt
7738	18	./sgi/charsets/roman8/espnocs.srt
25406	18	./sgi/charsets/roman8/noaccents.srt
61789	19	./sgi/charsets/roman8/nocase.srt
6256	19	./sgi/charsets/roman8/nocasepref.srt
61603	2	./sgi/charsets/roman8/roman8.cfg
55864	10	./sgi/charsets/roman8/utf8.ctb
49716	2	./sgi/charsets/sjis/binary.srt
61696	37	./sgi/charsets/sjis/charset.loc
56010	2	./sgi/charsets/sjis/sjis.cfg
48900	364	./sgi/charsets/sjis/utf8.ctb
27420	13	./sgi/charsets/sjis/zenkaku.xlt
48143	2	./sgi/charsets/utf8/binary.srt
30567	13	./sgi/charsets/utf8/charset.loc
49076	26	./sgi/charsets/utf8/cp437.ctb
26055	23	./sgi/charsets/utf8/cp850.ctb
17766	592	./sgi/charsets/utf8/deckanji.ctb

29125	600	./sgi/charsets/utf8/eucgb.ctb
56195	595	./sgi/charsets/utf8/eucjis.ctb
5550	20	./sgi/charsets/utf8/iso_1.ctb
35254	26	./sgi/charsets/utf8/mac.ctb
5526	22	./sgi/charsets/utf8/roman8.ctb
18573	595	./sgi/charsets/utf8/sjis.ctb
32754	1	./sgi/charsets/utf8/utf8.cfg
50795	2	./sgi/config/libtcl.cfg
50743	2	./sgi/config/libtcl64.cfg
64696	176	./sgi/config/mnemonic.dat
19625	8	./sgi/config/objectid.dat
62066	3	./sgi/config/sample.cfg
60178	1282	./sgi/devlib/libblk.a
8322	1620	./sgi/devlib/libblk64.a
4189	1292	./sgi/devlib/libblk_r.a
41633	1629	./sgi/devlib/libblk_r64.a
55669	4835	./sgi/devlib/libcomn.a
8474	6072	./sgi/devlib/libcomn64.a
28672	4925	./sgi/devlib/libcomn_dce.a
8031	6161	./sgi/devlib/libcomn_dce64.a
54688	795	./sgi/devlib/libcs.a
50601	1032	./sgi/devlib/libcs64.a
14461	821	./sgi/devlib/libcs_r.a
20919	1063	./sgi/devlib/libcs_r64.a
33070	13994	./sgi/devlib/libct.a
36576	17499	./sgi/devlib/libct64.a
12390	14157	./sgi/devlib/libct_r.a
1592	17669	./sgi/devlib/libct_r64.a
63379	170	./sgi/devlib/libddce.so
1740	191	./sgi/devlib/libddce64.so
11757	65	./sgi/devlib/libinsck.so
37874	70	./sgi/devlib/libinsck64.so
34433	56	./sgi/devlib/libinsck_r.so
1017	60	./sgi/devlib/libinsck_r64.so
40170	350	./sgi/devlib/libintl.a
49940	430	./sgi/devlib/libintl64.a
33875	359	./sgi/devlib/libintl_r.a
6126	435	./sgi/devlib/libintl_r64.a
15645	103	./sgi/devlib/libsdce.so
25231	111	./sgi/devlib/libsdce64.so
9817	16350	./sgi/devlib/libsybdb.a
35207	20325	./sgi/devlib/libsybdb64.a
40704	3810	./sgi/devlib/libtcl.a
26560	4701	./sgi/devlib/libtcl64.a
65078	3489	./sgi/devlib/libtcl_dce.a
39349	4313	./sgi/devlib/libtcl_dce64.a
54500	11	./sgi/include/bkpublic.h
33108	14	./sgi/include/csconfig.h
2912	71	./sgi/include/cspublic.h
11974	53	./sgi/include/cstypes.h
12379	20	./sgi/include/ctpublic.h
54003	2	./sgi/include/sqlca.h
4605	2	./sgi/include/sqlda.h
23201	287	./sgi/include/sybdb.h

61456	4	./sgi/include/syberror.h
56566	11	./sgi/include/sybfront.h
3670	4	./sgi/include/syblogin.h
24781	9	./sgi/install/setperm_all
60089	2	./sgi/install/SPR/cpr_cslib
13372	12	./sgi/install/SPR/cpr_ctlib
14049	3	./sgi/install/SPR/cpr_dblib
15852	1	./sgi/install/SPR/spr_cslib
26074	3	./sgi/install/SPR/spr_ctlib
34110	1	./sgi/install/SPR/spr_dblib
23480	523	./sgi/lib/libblk.a
35261	665	./sgi/lib/libblk64.a
5492	528	./sgi/lib/libblk_r.a
15097	674	./sgi/lib/libblk_r64.a
58426	2581	./sgi/lib/libcomn.a
17274	1695	./sgi/lib/libcomn.so
6060	3162	./sgi/lib/libcomn64.a
55079	1889	./sgi/lib/libcomn64.so
57869	2645	./sgi/lib/libcomn_dce.a
13274	1745	./sgi/lib/libcomn_dce.so
10975	3254	./sgi/lib/libcomn_dce64.a
16874	1956	./sgi/lib/libcomn_dce64.so
6303	392	./sgi/lib/libcs.a
39797	248	./sgi/lib/libcs.so
50616	510	./sgi/lib/libcs64.a
13492	270	./sgi/lib/libcs64.so
35411	410	./sgi/lib/libcs_r.a
39739	255	./sgi/lib/libcs_r.so
54857	536	./sgi/lib/libcs_r64.a
57990	287	./sgi/lib/libcs_r64.so
4488	3213	./sgi/lib/libct.a
9617	1915	./sgi/lib/libct.so
14906	4085	./sgi/lib/libct64.a
8591	2210	./sgi/lib/libct64.so
21454	3261	./sgi/lib/libct_r.a
42706	1956	./sgi/lib/libct_r.so
48570	4162	./sgi/lib/libct_r64.a
33266	2276	./sgi/lib/libct_r64.so
28016	120	./sgi/lib/libddce.so
21417	126	./sgi/lib/libddce64.so
830	48	./sgi/lib/libinsck.so
43434	51	./sgi/lib/libinsck64.so
16578	39	./sgi/lib/libinsck_r.so
4377	50	./sgi/lib/libinsck_r64.so
22033	269	./sgi/lib/libintl.a
43441	164	./sgi/lib/libintl.so
45016	334	./sgi/lib/libintl64.a
39721	181	./sgi/lib/libintl64.so
7796	272	./sgi/lib/libintl_r.a
50881	167	./sgi/lib/libintl_r.so
42346	341	./sgi/lib/libintl_r64.a
53074	188	./sgi/lib/libintl_r64.so
54569	64	./sgi/lib/libsdce.so
49953	69	./sgi/lib/libsdce64.so

27160	5990	./sgi/lib/libsybdb.a
31362	3595	./sgi/lib/libsybdb.so
58639	7486	./sgi/lib/libsybdb64.a
34915	4031	./sgi/lib/libsybdb64.so
8262	1419	./sgi/lib/libtcl.a
17621	791	./sgi/lib/libtcl.so
55331	1767	./sgi/lib/libtcl64.a
12454	871	./sgi/lib/libtcl64.so
27226	1414	./sgi/lib/libtcl_dce.a
11661	797	./sgi/lib/libtcl_dce.so
58650	1780	./sgi/lib/libtcl_dce64.a
58533	892	./sgi/lib/libtcl_dce64.so
12649	40	./sgi/locales/locales.dat
52807	44	./sgi/locales/setup_us_english.loc
35867	10	./sgi/locales/message/us_english/blklib.loc
57607	5	./sgi/locales/message/us_english/cobct.loc
33546	6	./sgi/locales/message/us_english/common.loc
39030	5	./sgi/locales/message/us_english/comnlib.loc
59869	12	./sgi/locales/message/us_english/cslib.loc
3408	13	./sgi/locales/message/us_english/ctbcp.loc
31489	20	./sgi/locales/message/us_english/ctdfncpy.loc
2971	7	./sgi/locales/message/us_english/ctdrvlib.loc
52984	5	./sgi/locales/message/us_english/ctisql.loc
15315	67	./sgi/locales/message/us_english/ctlib.loc
57510	49	./sgi/locales/message/us_english/dblib.loc
32628	17	./sgi/locales/message/us_english/dcllib.loc
20271	8	./sgi/locales/message/us_english/dscp.loc
50255	26	./sgi/locales/message/us_english/esql.loc
51246	5	./sgi/locales/message/us_english/libdna.loc
27525	4	./sgi/locales/message/us_english/libinsck.loc
47925	5	./sgi/locales/message/us_english/libsri.loc
30262	69	./sgi/locales/message/us_english/mtf_utils.loc
6132	4	./sgi/locales/message/us_english/nlmsnmp.loc
48519	5	./sgi/locales/message/us_english/nlwnsck.loc
30230	57	./sgi/locales/message/us_english/oslib.loc
51599	21	./sgi/locales/message/us_english/scllib.loc
17633	26	./sgi/locales/message/us_english/tcllib.loc
29447	129	./sgi/locales/unicode/us_engli/srvconfig.lcu
1808	7	./sgi/locales/us_english/cp437/bcp.loc
57627	9	./sgi/locales/us_english/cp437/blklib.loc
33539	6	./sgi/locales/us_english/cp437/common.loc
27710	11	./sgi/locales/us_english/cp437/cslib.loc
59838	53	./sgi/locales/us_english/cp437/ctlib.loc
699	47	./sgi/locales/us_english/cp437/dblib.loc
43193	3	./sgi/locales/us_english/cp437/defncopy.loc
31808	3	./sgi/locales/us_english/cp437/isql.loc
51276	5	./sgi/locales/us_english/cp437/libdna.loc
22502	4	./sgi/locales/us_english/cp437/libinsck.loc
47925	5	./sgi/locales/us_english/cp437/libsri.loc
30271	4	./sgi/locales/us_english/cp437/libtli.loc
14389	26	./sgi/locales/us_english/cp437/tcllib.loc
1808	7	./sgi/locales/us_english/cp850/bcp.loc
57627	9	./sgi/locales/us_english/cp850/blklib.loc
33539	6	./sgi/locales/us_english/cp850/common.loc

27710	11	./sgi/locales/us_english/cp850/cslib.loc
59838	53	./sgi/locales/us_english/cp850/ctlib.loc
699	47	./sgi/locales/us_english/cp850/dblib.loc
43193	3	./sgi/locales/us_english/cp850/defncopy.loc
31808	3	./sgi/locales/us_english/cp850/isql.loc
51276	5	./sgi/locales/us_english/cp850/libdna.loc
22502	4	./sgi/locales/us_english/cp850/libinsck.loc
47925	5	./sgi/locales/us_english/cp850/libsri.loc
30271	4	./sgi/locales/us_english/cp850/libtli.loc
14389	26	./sgi/locales/us_english/cp850/tcllib.loc
1808	7	./sgi/locales/us_english/iso_1/bcp.loc
57627	9	./sgi/locales/us_english/iso_1/blklib.loc
33539	6	./sgi/locales/us_english/iso_1/common.loc
27710	11	./sgi/locales/us_english/iso_1/cslib.loc
59838	53	./sgi/locales/us_english/iso_1/ctlib.loc
699	47	./sgi/locales/us_english/iso_1/dblib.loc
43193	3	./sgi/locales/us_english/iso_1/defncopy.loc
31808	3	./sgi/locales/us_english/iso_1/isql.loc
51276	5	./sgi/locales/us_english/iso_1/libdna.loc
22502	4	./sgi/locales/us_english/iso_1/libinsck.loc
47925	5	./sgi/locales/us_english/iso_1/libsri.loc
30271	4	./sgi/locales/us_english/iso_1/libtli.loc
14389	26	./sgi/locales/us_english/iso_1/tcllib.loc
1808	7	./sgi/locales/us_english/mac/bcp.loc
57627	9	./sgi/locales/us_english/mac/blklib.loc
33539	6	./sgi/locales/us_english/mac/common.loc
27710	11	./sgi/locales/us_english/mac/cslib.loc
59838	53	./sgi/locales/us_english/mac/ctlib.loc
699	47	./sgi/locales/us_english/mac/dblib.loc
43193	3	./sgi/locales/us_english/mac/defncopy.loc
31808	3	./sgi/locales/us_english/mac/isql.loc
51276	5	./sgi/locales/us_english/mac/libdna.loc
22502	4	./sgi/locales/us_english/mac/libinsck.loc
47925	5	./sgi/locales/us_english/mac/libsri.loc
30271	4	./sgi/locales/us_english/mac/libtli.loc
14389	26	./sgi/locales/us_english/mac/tcllib.loc
1808	7	./sgi/locales/us_english/roman8/bcp.loc
57627	9	./sgi/locales/us_english/roman8/blklib.loc
33539	6	./sgi/locales/us_english/roman8/common.loc
27710	11	./sgi/locales/us_english/roman8/cslib.loc
59838	53	./sgi/locales/us_english/roman8/ctlib.loc
699	47	./sgi/locales/us_english/roman8/dblib.loc
43193	3	./sgi/locales/us_english/roman8/defncopy.loc
31808	3	./sgi/locales/us_english/roman8/isql.loc
51276	5	./sgi/locales/us_english/roman8/libdna.loc
22502	4	./sgi/locales/us_english/roman8/libinsck.loc
47925	5	./sgi/locales/us_english/roman8/libsri.loc
30271	4	./sgi/locales/us_english/roman8/libtli.loc
14389	26	./sgi/locales/us_english/roman8/tcllib.loc
27370	8	./sgi/sample/ctlibrary/EX_AREAD.ME
34448	13	./sgi/sample/ctlibrary/Makefile
23292	14	./sgi/sample/ctlibrary/READ.ME
19886	33	./sgi/sample/ctlibrary/blktxt.c
60564	28	./sgi/sample/ctlibrary/compute.c

52406	17	./sgi/sample/ctlibrary/csr_disp.c
19844	44	./sgi/sample/ctlibrary/ex_alib.c
2268	24	./sgi/sample/ctlibrary/ex_amain.c
35308	3	./sgi/sample/ctlibrary/example.h
23328	5	./sgi/sample/ctlibrary/exasync.h
14846	9	./sgi/sample/ctlibrary/exconfig.c
31245	57	./sgi/sample/ctlibrary/exutils.c
58118	6	./sgi/sample/ctlibrary/exutils.h
59673	25	./sgi/sample/ctlibrary/firstapp.c
3590	56	./sgi/sample/ctlibrary/getsend.c
6638	53	./sgi/sample/ctlibrary/i18n.c
19893	38	./sgi/sample/ctlibrary/multthrd.c
11157	34	./sgi/sample/ctlibrary/rpc.c
52904	31	./sgi/sample/ctlibrary/secct.c
7555	14	./sgi/sample/ctlibrary/sybopts.sh
6016	16	./sgi/sample/ctlibrary/thrdfunc.c
53255	4	./sgi/sample/ctlibrary/thrdfunc.h
805	77	./sgi/sample/ctlibrary/thrdutil.c
5022	9	./sgi/sample/ctlibrary/thrdutil.h
15380	69	./sgi/sample/ctlibrary/usedir.c
1710	11	./sgi/sample/dblibrary/README
50414	2	./sgi/sample/dblibrary/bcpdata.in
47537	15	./sgi/sample/dblibrary/bulkcopy.c
59566	2	./sgi/sample/dblibrary/datafile
7053	13	./sgi/sample/dblibrary/example1.c
45738	16	./sgi/sample/dblibrary/example10.c
42354	13	./sgi/sample/dblibrary/example11.c
15353	26	./sgi/sample/dblibrary/example12.c
41318	12	./sgi/sample/dblibrary/example2.c
9266	11	./sgi/sample/dblibrary/example3.c
28617	12	./sgi/sample/dblibrary/example4.c
10031	11	./sgi/sample/dblibrary/example5.c
36714	12	./sgi/sample/dblibrary/example6.c
55343	12	./sgi/sample/dblibrary/example7.c
48766	11	./sgi/sample/dblibrary/example8.c
41944	18	./sgi/sample/dblibrary/example9.c
30296	55	./sgi/sample/dblibrary/imagefile
8540	6	./sgi/sample/dblibrary/makefile
4430	2	./sgi/sample/dblibrary/sybdbex.h
7157	14	./sgi/sample/dblibrary/twophase.c
2416	122	./sgi/setupxbms/archtect.xbm
16311	3	./sgi/setupxbms/cancel.xbm
17147	3	./sgi/setupxbms/contin.xbm
7359	3	./sgi/setupxbms/default.xbm
18145	3	./sgi/setupxbms/deinstal.xbm
19871	3	./sgi/setupxbms/dismiss.xbm
17543	122	./sgi/setupxbms/enterprs.xbm
17375	3	./sgi/setupxbms/exit.xbm
17341	3	./sgi/setupxbms/go_back.xbm
22959	3	./sgi/setupxbms/go_home.xbm
1277	3	./sgi/setupxbms/help.xbm
59784	139	./sgi/setupxbms/home.xbm
15848	3	./sgi/setupxbms/ok.xbm
4842	3	./sgi/setupxbms/reset.xbm

16870	3	./sgi/setupxbms/resume.xbm
38366	8	./sgi/setupxbms/sybase.xbm
11559	8	./sgi/sybhelp/dseditHelpTextMsgs
11954	8	./sgi/sybhelp/dsedit_dceHelpTextMsgs
17479	6551	./sgi/sybhelp/sybhelp
43126	9	./sgi/sybhelp/sybsetupHelpTextMsgs
16988	1	./sgi/sybhelp/dsedit/helpTopic0.txt
59014	5	./sgi/sybhelp/dsedit/helpTopic1.txt
48760	7	./sgi/sybhelp/dsedit/helpTopic2.txt
44379	6	./sgi/sybhelp/dsedit/helpTopic3.txt
27838	5	./sgi/sybhelp/dsedit/helpTopic4.txt
19440	2	./sgi/sybhelp/sybsetup/helpTopic0.txt
44444	3	./sgi/sybhelp/sybsetup/helpTopic1.txt
8675	2	./sgi/sybhelp/sybsetup/helpTopic2.txt
12642	4	./sgi/sybhelp/sybsetup/helpTopic3.txt
20203	4	./sgi/sybhelp/sybsetup/helpTopic4.txt
19967	1	./sgi/sybhelp/sybsetup/helpTopic5.txt
26546	1	./sgi/xappdefaults/Dsedit
28916	1	./sgi/xappdefaults/Dsedit_dce
27278	1	./sgi/xappdefaults/Sybhelp
55630	2	./sgi/xappdefaults/Sybsetup

5. Non-Conformance Status

5.1 NCRs Resolved by this Update

NCR ID: **ECSed18033**

NCR Title: Sybase Open Client for SGI Upgrade

Severity: 2

Problem: Current baseline version of Sybase Open Client for SGI (11.1.0) is beta software. COTS baseline needs to be updated to utilize GA release 11.1.1.

Resolution: *See* Analysis for details:

Analysis: Determined that baseline should be upgraded to GA release of Open Client for SGI platforms (11.1.1)

I modified the SYBASE variable in the file:

/ecs/formal/COMMON/.envvars

so that in the standard environment for SGI, the variable will have the value:

SYBASE=/tools/sybOCv11.1.1

Damian Anderson (09/23/1998)

Verification: **TBD**

5.2 Open NCRs

None.

Appendix A. Adaptation Data

Not Applicable

Appendix B. Installation Instructions

B.1 Installation Instructions (ECS Specific)

Create an install/auto-mount directory accessible to the SGI platforms indicated below.

Disk/RAID Driver for QA Metadata Update Tool:

- kinglear (Mini-DAAC)
- t1aqg01 (VATC)
- g0aqg01 (GSFC)
- e0aqg01 (EDC)
- l0aqg01 (LARC)

QA Workstation:

- tempest (Mini-DAAC)
- g0aqg02
- t1aqg02 (VATC)
- e0aqg02 (EDC)
- n0spg01 (NSIDC)
- n0spg02 (NSIDC)
- l0aqg02 (LARC)

Science Processor machines:

- lasher (Mini-DAAC)
- t1spg01 (VATC)
- g0spg01 (GSFC primary)
- g0spg07 (GSFC secondary)
- e0spg01 (EDC primary)
- e0spg02 (EDC secondary)
- n0spg03 (NSIDC primary)

- n0spg05 (NSIDC secondary)
- l0spg01 (LARC primary)
- l0spg05 (LARC secondary)

APC Server machines:

- journey (Mini-DAAC)
- t1acg01 (VATC)
- g0acg01 (GSFC primary)
- g0acg05 (GSFC secondary)
- e0acg01 (EDC primary)
- e0acg02 (EDC secondary)
- n0acg01 (NSIDC primary)
- n0acg02 (NSIDC secondary)
- l0acg02 (LARC primary)
- l0acg05 (LARC secondary)

FSMS Server machines:

- raven (Mini-DAAC)
- t1drg01 (VATC)
- g0drg01 (GSFC primary)
- g0drg02 (GSFC secondary)
- g0drg07 (GSFC)
- e0drg01 (EDC primary)
- e0drg05 (EDC secondary)
- n0drg01 (NSIDC primary)
- n0drg02 (NSIDC secondary)
- l0drg01 (LARC primary)
- l0drg03 (LARC secondary)

Working Storage Host machines:

- cats (Mini-DAAC)
- t1wkg01 (VATC)
- g0wkg01 (GSFC)
- e0wkg01 (EDC)
- l0wkg01 (LARC)

Ingest Server machines:

- huckfinn (Mini-DAAC)
- t1icg01 (VATC)
- g0icg01 (GSFC primary)
- g0icg02 (GSFC secondary)
- e0icg01 (EDC primary)
- e0icg02 (EDC secondary)
- 10icg01 (LaRC primary)
- l0icg02 (LARC secondary)

Ingest Workstation machines:

- wrzdofoz (Mini-DAAC)
- t1icg02 (VATC)
- g0icg03 (GSFC)
- e0icg03 (EDC)
- l0icg03 (LARC)

B.2 Vendor Information/Install Instructions

SYBASE Open Client 11.1.1 (SGI only)

1. Find out which machine currently has /tools/sybOCv11.1.0:
   a) Log on to a SGI machine
   b) cd /tools/sybOCv11.1_32
   c) df -k .

      You will see something like this:

      t1mss04:/auto/tools/sybaseOC/v11.1.32bit/irix6.2

      In the example, t1mss04 is the machine where the directory /auto/tools/sybaseOC resides.

      $MACHINE is t1mss04
      $DIRECTORY is /auto/tools/sybaseOC

      Replace $MACHINE & $DIRECTORY with what you see when you do "df -k" command

2. Create a new directory on that machine for the new Open Client:
   a) Log into the $MACHINE
   b) cd $DIRECTORY
   c) ls –l

      You should see at least two directories here: v11.1.0 and v11.1.32bit

   d) create a new directory v11.1.1 (It should be owned by sybase)

3. Untar the tar file in that directory
   a) cd v11.1.1
   b) copy the tar file sybOCv11.1.1_sgi.tar here.
   c) extract the tar file (tar -xvf sybOCv11.1.1_sgi.tar
   d) ln -s sgi irix6.2

4) Copy the interfaces file which is in /tools/sybOCv11.1_32 to this new directory

   cp $DIRECTORY/v11.1_32/interfaces $DIRECTORY/v11.1.1/interfaces
   cd $DIRECTORY
   chown -R sybase:root v11.1.1

5) Create a new automounter map for this new directory for SGI's.
   a) Log on to your NIS master machine as "root".
   b) cp /etc/auto_tools /etc/auto_tools.orig
   c) vi /etc/auto_tools
   d) add a new line:

      sybOCv11.1.1 -rw,intr $MACHINE:/$DIRECTORY/v11.1.1/$ARCH

   e) cd /var/yp
   f) ./ypmake

6) Test the new installation:
   a) Log on to a SGI machine
   b) setenv SYBASE /tools/sybOCv11.1.1
   c) $SYBASE/bin/isql -v
      This should show you the new version 11.1.1
   d) $SYBASE/bin/isql -Usa -Ssybase_servername -Psa_password
      If you see "1>" prompt, you got connected.

Appendix C. Evaluation Test Procedures

EDF Evaluation Plan/Report

Technology Area: Software Development	Date: 04/23/98
Requester: Maureen Muganda	Report No.: CCR 98-
Proposed Evaluation Group: DDM, IDG, DADs	
Applicability to ECS: Baseline Upgrade	
Reason Needed (Issue, need or risk): Vendor supported version of multi-threaded Open Client for SGI to replace beta version currently in baseline.	
Office: DDM Office Manager: _____ Signature Date	
1. Product Description: Sybase Open Client 11.1.1	
1.1 Hardware/Platform Requirements: (consider operating system revision level) SGI	
1.2 Media Requirements:	
2. Vendor: (company name, address, etc.) Sybase	
2.1 Company Background:	
2.2 Point of Contact: Dave Czarnecki	**2.3** Phone Number:
2.4 Fax Number:	**2.5** Email Address:
3. Evaluation Plan See Attachment A	
3.1 Date Needed: Not Applicable - product is already in house	
3.2 Length of Evaluation: (please check one) 15 Days ☐ 45 Days ☐ 60 Days ☒ 90 Days ☐ Other ☐	
3.3 Product Price:	
3.4 EDF hardware, software and network requirements: Unix workstation set-up within an DCE cell.	
3.5 Schedule: See Attachment 1	
3.6 Projected number of hours to be charged by each evaluator: maximum of 160 man-hours	
3.7 Evaluation Criteria: See Attachment2	
4. Assessment of Product	
4.1 Evaluation Against Criteria:	
5 Summary of Results	

Review Committee Comments:
Priority:
Disposition:

SC01SE95 *ECS*

Attachment 1 -- Sybase Open Client Upgrade Evaluation Plan and Schedule

Sybase open client is an integrated COTS, dependencies exist between it and Rogue Wave DB Tools, and the Sybase SQL server, . In addition custom code such as SDSRV database libraries and EcPoConnections utilize Sybase Open Client. An adequate evaluation of this COTS must address both COTS and custom code areas. As such, a two phased evaluation is warranted

Phase One - COTS/infrastructure dependencies - Apr 24 - May 24

This phase will evaluate how the product works with Sybase SQL Server, isql, bcp, Rogue Wave DB Tools, DCE, and ECS EcPoConnections software.. This phase will be conducted jointly by IDG and DDM.

1.Prepare Test Infrastructure and Test Scenarios	***Apr 24 - May 22***
• Kickoff/Strategy Meeting	Apr 24
• ID Scenarios	Apr 27 - May 1
• Prepare Test Drivers and Scripts	May 4 - May 11
• Load Test Database	May 11 - May 15
• Port Test Drivers to SGI	May 18 - May 22
2. Conduct Eval/Regression Test Open Client 11.1.0/11.1.1	***May 25 - June 5***
• Sybase sample tests	May 25
• isql Utility Test	May 25
• bcp Utility Test	May 25
• EcPoConnection dbtools Multi-Threaded Test	May 25 - May 29
• EcPoConnection ctlib Multi-Threaded Test	June 1 - June 5

Phase Two - DADS dependencies - May 25 - June 24

This phase will evaluate how the upgraded product works with existing DADS (STMGT and INGEST) software. This phase will be conducted by DADS with coordination from IDG and DDM.

1. Develop Test Scenarios/Prepare Infrastructure	***May 25 - May 29***
2. Multi-Threaded INGEST/STMGT Push Test	***June 5 - June 12***
3. Multi-Threaded STMGT Pull Test	***June 15 - June 24***

Attachment 2 -- Sybase Open Client Upgrade Evaluation Criteria

1. Ability to successfully run sample code and scripts provided by Sybase
2. Ability to successfully connect, retrieve, insert, and delete data using isql scripts
3. Ability to successfully dump and load data using bcp scripts
4. Ability to successfully connect to database using EcPoConnections dbtools and ctlib versions.
5. Ability to successfully connect, retrieve, insert, and delete data in multi-threaded environments using existing DADs code.