

ASDC/ECS STATUS Table for July 18, 2001

Release	DESCRIPTION	Status	Problems/Comments
LaTIS	Production Development	Promoted CER4.1-4.1P1 to production.	
	SSI&T	Inversion SCCR 277 is being tested. SARB SCCR 267 has been promoted on 07/05/2001 at 3:00 pm. RegridMOA SCCR 260 is on hold until a determination can be made as to whether or not we want to promote it. This should happen once Sue and Lisa Coleman have a chance to confer.	
	Production	Cloud's production request 21-01 has been completed with all files placed in the archive. Inversion's production request 20-01 has been completed with all files placed in archive up to August 20, 1998. Sarab's production request 22-01 has been completed through March 20, 1998. Archive has been completed through March 16, 1998. Eleven hours on 01/01/1998 have to be reprocessed because of previous incorrect monthly file.	
	User Services	There have been some problems found with CERES SSF Metadata in regards to searching.	
	Other		
Version 2.0		A report on the status and plans for HDF5 support of ECS (HDF-EOS and others) has been prepared. The major focus of the upcoming HDF and HDF-EOS Workshop (September 19-21 in Champaign IL) will be the evolution of the HDF-EOS standard. A check of EOS teams for porting of the processing systems into Linux indicated that a number of teams have already been working on the topic (MODAPS, MLS, TES).	

SSI&T Report for June 2001

Subsystem	SCCR	CC #	Status	Elapsed Time	Promoted Date	# Problem Reports	Comments
CERESlib	266	CClib = 37	Promoted	3 days	06/04/2001 at 1:15 pm	0	
Inversion	259	CC4_5 = 013010 CC4_7 = 013010	Promoted	3 days	06/04/2001 at 1:30 pm	0	
Clouds	262	CC4_0 = 018014 CC4_1 = 018014 CC4_2 = 018014 CC4_3 = 018014	Promoted	5 days	06/19/2001 at 1:15 pm	0	
CERESlib	270	CClib = 38	Promoted	approx. 1 day	06/19/2001 at 1:30 pm	0	
Inversion	269	CC4_5 = 014011 CC4_7 = 014011	Promoted	3 days	06/21/2001 at 4:15 pm	0	

Status of CERES SSIT at the LaRC ASDC (07/18/2001)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Production Strategy	CCCode/Comments
1.0	06/08/99	06/08/99	06/09/99	N/A	06/15/99	06/15/99	06/17/99	Edition1	Changes for Terra Informal Delivery halted 014010/Terra Launch-Ready Delta for leapday script fix. cc code not changed. 015011/Emergency Delivery - new ADA95 compiler Delivery - completion of SCCR208. cc code 016011 Delivery - completion of SCCR 228, CC1 017012 SCCR237, CER1.2P1 only, CC1 018013
	08/16/99	08/17/99	08/25/99	08/27/99	09/10/99	09/13/99	09/17/99	Edition1	
	10/28/99	10/29/99	N/A	N/A	N/A	N/A	11/12/99		
	11/14/99	11/16/99	11/19/99	11/24/99	12/15/99	12/15/99	12/20/99	Alpha/ Edition1	
	03/02/00	N/A	N/A	N/A	03/02/00	03/02/00	03/02/00	Edition1/ Alpha	
	07/05/00	07/05/00	07/05/00	07/07/00	07/07/00	07/07/00	07/07/00	Edition1/ Alpha	
	08/03/00	08/03/00	08/03/00	08/03/00	08/04/00	08/09/00	08/09/00	Edition1	
	10/24/00	10/25/00	10/25/00	10/30/2000	10/30/2000	11/07/00	11/14/00	Edition1	
	03/19/01	03/19/01	03/28/01	03/28/01	03/30/01	03/30/01	03/30/01	Edition1	
2.0 & 3.0	04/19/99	04/19/99	04/21/99	04/22/99	06/17/99	06/17/99	06/18/99	Edition1	Work resumed 6/99. Informal Delivery CC2=012010/CC3=011010 CC2=013011/CC3=012011 CC2=016012/CC3=014012 Delta Delivery for gif files, cc code not changed. CC2=017013/CC3=015013 CC2_1=017014/ CC2=018014/ CC3&CC3_2=016014 SCCR 230, CC2_1 = 018015/ CC2 = 019015/ CC3 & CC3_2 = 017015 SCCR 236, CC2_1=019016 /CC2=020016 /CC3 & CC3_2=018016
	10/22/99	10/25/99	10/25/99	10/26/99	10/29/99	N/A	11/29/99		
	12/07/99	12/21/99	12/21/99	12/21/99	01/03/00	01/06/00	01/07/00	Edition1	
	01/24/00	01/25/00	01/31/00	02/01/00	02/13/00	02/14/00	02/15/00	Edition2	
	02/23/00	02/24/00	02/24/00	02/25/00	02/28/00	02/28/00	03/01/00	Edition2	
	03/07/00	N/A	N/A	N/A	03/08/00	03/08/00	03/08/00	Edition2	
	03/23/00	03/23/00	03/28/00	03/30/00	04/04/00	04/04/00	04/12/00	Edition2	
	08/11/00	08/16/00	08/24/00	08/24/00	08/28/00	09/01/00	09/05/00	Edition1	
	10/30/00	10/30/00	10/30/00	11/07/00	11/14/00	11/16/00	11/16/00	Edition1	
	03/16/01	03/20/01	03/20/01	04/02/01	04/04/01	04/04/01	04/04/01	Edition1	

Status of CERES SSIT at the LaRC ASDC (07/18/2001)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Production Strategy	CCCode/Comments
4.1-4.4	03/01/99	03/02/99	03/09/99	03/10/99	03/16/99	03/16/99	03/17/99	ValidationR3	Sent back to developer due to problems in oper. testing. Problems found after 1/98 run. New delivery
	06/09/99	06/10/99	06/11/99	06/18/99	06/18/99	N/A	N/A		
	06/24/99	06/24/99	06/25/99	06/25/99	06/28/99	06/29/99	07/01/99	ValidationR4	014010/Subsetting capabilities
	07/15/99	07/15/99	07/16/99	07/19/99	07/21/99	07/22/99	08/09/99	ValidationR4	
	11/21/99	11/26/99	12/01/99	12/01/99	12/14/99	12/15/99	12/17/99	ValidationR4	CC4_0 & CC4_1=015011/ Subsetting capabilities SCCR 231, CC4_0 & CC4_1 = 016012 Subsetting capabilities SCCR 241, CC4_0, CC4_1, CC4_2, CC4_3 = 017013 (for MODIS) SCCR262, CC4_0, CC4_1, CC4_2, CC4_3 = 018014
	10/02/00	10/02/00	10/02/00	10/04/00	10/19/00	10/26/00	11/14/00	ValR5	
	11/16/00	11/16/00	11/16/00	11/20/00	11/20/00	11/24/00	11/27/00	Edition1	
	04/19/01	04/19/01	04/20/01	04/24/01	04/26/01	04/26/01	05/01/01	Alpha (MODIS)	
	06/12/01	06/13/01	06/13/01	06/15/01	06/19/01	06/19/01	06/21/01	Edition2 (TRMM)	
4.5-4.6	11/13/98	11/13/98	11/13/98	11/17/98	03/16/99	03/16/99	03/17/99	ValidationR3	on hold for upgrade to IRIX 6.5 and compiler upgrade.
	02/22/99	02/23/99	02/23/99	03/01/99				ValidationR3	
	06/11/99	06/11/99	06/13/99	06/21/99	06/30/99	07/01/99	07/02/99	ValidationR4	SCCR 220, CC4_5= 011008 SCCR 235, CC4_7=011008 SCCR 243,CC4_5=012009, CC4_7=012009 SCCR 259, CC4_5=013010 ,CC4_7=013010 SCCR 269, CC4_5 = 014011, CC4_7 = 014011
	08/23/00	08/23/00	08/23/00	08/28/00	08/29/00	10/30/00	11/14/00	Edition1	
	12/21/00	12/21/00	12/21/00	01/08/01	01/08/01	01/09/01	01/10/01	Edition1	
	03/07/01	03/07/01	03/07/01	03/09/01	03/26/01	03/26/01	03/26/01	Edition1	
	05/22/01	06/01/01	06/01/01	06/04/01	06/04/01	06/04/01	06/05/01	Beta2	
	06/18/01	06/18/01	06/18/01	06/20/01	06/21/01	06/21/01	06/25/01	Edition2-QC	
5.0-52P1	03/21/99	03/21/99	03/22/99	03/23/99	03/25/99	03/25/99	03/26/99	ValidationR3	SCCR 246, CC5=007006
	05/04/01	05/04/01	05/11/01	05/10/01	05/15/01	05/15/01	05/15/01	Subset-ValR4	
	06/21/01	06/25/01	06/27/01	07/03/01	07/05/01	07/05/01	07/10/01	Beta1	SCCR 267, CC5 = 008007

Status of CERES SSIT at the LaRC ASDC (07/18/2001)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Production Strategy	CCCode/Comments
6.0/9.0	03/10/99 07/01/99 09/17/99 03/01/01	03/11/99 07/02/99 09/17/99 03/02/01	03/15/99 07/06/99 09/21/99 03/05/01	03/18/99 07/07/99 10/01/99 03/12/01	03/22/99 07/13/99 10/12/99 03/22/01	03/22/99 07/15/99 10/15/99 03/20/01	03/25/99 08/17/99 10/26/99 03/23/01	ValidationR3 ValidationR4 ValidationR4 ValidationR5	Delivery only supports 9.0. Redelivery for problems SS9 only. SCCR 184, CC9=009010, CC9_1=009010
	03/30/01	N/A	N/A	04/03/01	04/03/01	04/03/01	04/03/01	ValidationR5	SCCR252, SS9 only. Delta delivery. CC9=009011, CC9_1=009011
	04/18/01	04/24/01	04/25/01	04/26/01	05/01/01	05/04/01	05/07/01	ValidationR5	SCCR243, SS9 only. CC9, CC9_1 = 010012
7.2	01/22/98	03/09/98	03/09/98	03/09/98			03/09/98	ValidationR1	Not promoted
7.1/8.0/10.0	03/19/99 07/05/99 09/24/99 03/09/01	03/19/99 07/06/99 09/24/99 03/13/01	04/01/99 07/12/99 10/01/99 03/13/01	04/02/99 07/14/99 10/13/99 03/19/01	04/08/99 07/14/99 10/20/99 03/29/01	04/08/99 08/16/99 11/05/99 04/11/01	04/09/99 11/08/99 04/16/01	ValidationR3 ValidationR4 ValidationR4 ValidationR5	Sub. 10 only. Sub. 10 only. SCCR 238, SS10 only, CC10=006010
	02/22/99 09/21/99	02/23/99 09/21/99	02/25/99 09/24/99	03/01/99 09/27/99	03/02/99 10/20/99	03/03/99 10/22/99	03/05/99 11/03/99	Composite Composite	Redelivery for problems found at DAAC.
	11/14/99 03/07/01	11/19/99 02/27/01	11/19/99 03/01/01	11/22/99 03/21/01	12/07/99 04/25/01	12/08/99 04/25/01	12/13/99 04/26/01	Composite ValidationR5	009010 SCCR 247, CC11 = 010011

Status of CERES SSIT at the LaRC ASDC (07/18/2001)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Production Strategy	CCCode/Comments
12.0	02/16/99	02/16/99	02/18/99	02/19/99	02/23/99	02/24/99	02/25/99	DAO-GEOS2	Corrections to precip. water, col. avg., relative humid. Delta delivery.
	03/23/99	03/23/99	03/23/99	03/24/99	03/24/99	03/24/99	03/25/99	DAO-GEOS2	ECMWF Delivery
	11/06/99	11/09/99	11/09/99	11/11/99	11/19/99	11/19/99	11/22/99	DAO-GEOS2	Delivery pulled.
	12/13/99	12/20/99						ECMWF	CC12 = 010012
	02/07/00	02/10/00	02/14/00	02/15/00	02/25/00	02/28/00	03/01/00		
	03/24/00	03/26/00	03/31/00	04/06/00	04/20/00	04/20/00	04/21/00	ECMWF-GEOS2 same as above	CC12 = 011014
	07/10/00	07/10/00	07/10/00	07/11/00	07/11/00	07/21/00	07/21/00	ECMWF-GEOS2	CC12 = 012015
	10/17/00	10/17/00	10/17/00	10/27/00	10/27/00	10/31/00	11/14/00	ECMWF-GEOS2	SCCR 229, CC12 = 013016
	11/29/00	12/02/00	12/03/00	12/11/00	12/12/00	02/08/01	02/09/01	ECMWF-GEOS3	SCCR 234, CC12 = 014017
	02/12/01	02/13/01	N/A	02/14/01	02/14/01	02/23/01	02/23/01	ECMWF-GEOS3	SCCR 240, CC12 = 014018 On hold due to error found in production.
	04/16/01	04/17/01	04/17/01	04/24/01	04/24/01	04/26/01	04/30/01	ECMWF-GEOS3	SCCR254, CC12 = 015019

Status of CERES SSIT at the LaRC ASDC (07/18/2001)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Production Strategy	CCCode/Comments
CERESlib	06/04/99	06/04/99	06/04/99	N/A	N/A	N/A	06/04/99	N/A	
	06/28/99	06/28/99	06/29/99	N/A	N/A	N/A	06/29/99	N/A	
	09/14/99	09/14/99	09/14/99	N/A	N/A	10/15/99	10/26/99	N/A	
	11/06/99	11/06/99	11/06/99	N/A	N/A	N/A	11/29/99	N/A	
	12/17/99	12/17/99	12/17/99	N/A	N/A	N/A	02/15/00	N/A	
	02/08/00	02/10/00	02/11/00	N/A	N/A	N/A	02/??/00	N/A	
	02/23/00	02/23/00	02/23/00	N/A	N/A	N/A	03/21/00	N/A	
	03/24/00	03/26/00	03/28/00	N/A	N/A	04/21/00	04/24/00	N/A	
	06/30/00	06/30/00	06/30/00	N/A	N/A	07/02/00	07/17/00	N/A	
	08/04/00	08/04/00	08/04/00	N/A	N/A	08/04/00	08/23/00	N/A	
	08/22/00	08/22/00	08/22/00	N/A	N/A	08/28/00	08/29/00	N/A	SCCR223
	11/16/00	11/16/00	11/16/00	N/A	N/A	11/20/00	11/20/00	N/A	SCCR233
	02/20/01	02/22/01	02/22/01	N/A	N/A	02/23/01	02/23/01	N/A	SCCR245
	03/28/01	03/28/01	03/30/01	N/A	N/A	04/03/01	04/03/01	N/A	SCCR250
	04/16/01	04/16/01	04/16/01	N/A	N/A	04/17/01	04/17/01	N/A	SCCR257
	05/21/01	05/21/01	05/21/01	N/A	N/A	05/25/01	05/25/01	N/A	SCCR263
	06/01/01	06/01/01	06/01/01	N/A	N/A	06/04/01	06/04/01	N/A	SCCR266
	06/18/01	06/18/01	06/19/01	N/A	N/A	06/19/01	06/19/01	N/A	SCCR270

CERES TRMM Post-Launch ASDC Production Measurements - 07/18/2001

One execution on LaTIS configuration of each PGE for actual production of January 5, 1998 (Hr 00 if hrly) TRMM data.

SS	PGE	Compiler	Date	Time, sec			Block I/O		Mem - ory, MB	Disk Storage, MB			Run per Mnt h
				Wall	User	Sys	In	Out		In	Int	Arch	
1.0	Instrument (1.1P1) Instrument (1.2P1)	Ada Ada	05/03/99 05/03/99	19802 1011	17525 72	197 15	22551 1989	6637 2	32 318	105 864	864 0	886 276	31 31
2.0	Snow Map Gen. (2.1P1) Daily (2.2P1) Overlap (2.3P1) Overlap (2.3P2)	SGIF90 SGIF90 SGIF90 SGIF90	04/05/00 04/05/00 04/06/00 04/06/00	80 1367 160 157	69 983 154 153	6 331 4 4	735 4642 4452 4736	1 26 72 71	57 518 5 5	65 277 284 284	0 0 0 0	1 960 4 4	1 31 1 1
3.0	Monthly (3.1P1)	SGIF90	04/06/00	305	202	88	2174	149	42	118	0	130	1
4.1-4.4	Surfmap (4.1-4.0P1)	SGI7.2	10/26/00	3	1	0	38	1	76	11	0	5	31
4.1-4.4	Cld Ret/Ftprnt (4.1-4.1P1)	SGI7.2	06/20/01	9387	8571	83	28508	538	535	566	212	425	744
4.1-4.4	CRH Update (4.1-4.2P1)	SGI7.2	06/20/01	180	111	22	1879	4	120	611	0	150	31
4.1-4.4	QC Generator (4.1-4.3P1)	SGI7.2	12/06/00	304	47	59	7703	3	517	3951	0	334	1
4.5-4.6	TOA/Surf Flx (4.5-61P1)	SGI7.2	06/21/01	1307	346	90	9822	6089	251	555	0	299	744
4.5-4.6	TOA/Surf Flx (4.5-6.2P1)	SGI7.2	06/22/01	15188	3908	1091	132537	21977	7	4997	0	1080	31
4.5-4.6	TOA/Surf Flx(4.5-6.3P1)	SGI7.2	06/04/01	374	333	36	3338	2	250	294	0	552	744
5.0	Inst. SARB (5.0P1)	SGIF90	07/10/01	214	209	2	75	0	47	541	0	11	1
5.1	Inst. SARB (5.1P1)	SGIF90	07/11/01	15132	12096	142	11498	8635	379	1068	0	424	744
5.2	Inst. SARB (5.2P1)	SGIF90	07/07/01	9104	1221	871	102004	1	4	7244	0	7	31
12.0	Synoptic SARB MOA (12.1P1) - n32bit	SGI7.2	11/01/00	725	715	6	720	5	172	166	0	175	31

SS	PGE	Compiler	Date	Time, sec			Block I/O		Mem - ory, MB	Disk Storage, MB			Run per Mnt h
				Wall	User	Sys	In	Out		In	Int	Arch	
6.0	Synoptic Gridding (6.1P1)	SGI7.2	11/08/99	412	351	40	7715	1	114	6140	5	0	744
6.0	Sort FSW Files(6.2P1)	SGI7.2	11/10/99	6325	6003	244	39375	155	1059	3720	0	3492	1
6.0	FSW HDF (6.3P1)	SGI7.2	11/11/99	11745	11410	282	21715	20	428	3492	0	3490	1
9.0	Post MOA (9.1P1)	SGI7.2	03/22/01	15789	15170	419	79705	4	392	10059	0	5949	1
9.0	Surface Gridding (9.2P1)	SGI7.2	04/04/01	669	473	112	4812	0	229	6373	0	211	744
9.0	Sort SFC Files (9.3P1)	SGI7.2	04/06/01	2808	2559	198	26682	150	1008	2062	0	2036	1
9.0	SFC HDF (9.4P1)	SGI7.2	04/06/01	4446	4338	92	1541	12	264	2033	0	1975	1
11.0	Grid GOES-8 (11.1P1)	SGI7.2	04/30/01	174301	172560	582	104170	6	398	7930	559	0	1
11.0	Grid GOES-9 (11.1P2)	SGI7.2	04/30/01	140703	139394	465	96823	4	385	8403	433	0	1
11.0	Grid GMS (11.1P4)	SGI7.2	04/30/01	186877	184130	1276	75505	8	390	7371	587	0	1
11.0	Grid Meteosat (11.1P3)	SGI7.2	04/30/01	144416	142277	1144	95336	3	376	7334	597	0	1
11.0	Sort GGEO (11.2P1)	SGI7.2	05/03/01	19157	13779	5226	37578	9926	19	3916	0	1775	1
7.1	Synoptic Interpolate	SGI7.2	11/11/99	9920	9261	617	95438	46	62	9669	0	1094	1
8.0	Synoptic Averaging											4	
10.0	TOA/SRB Averaging	SGI7.2	05/03/01	385	110	77	1262	7	175	16115	0	2781	1
System Total													

CERES TRMM/Terra Post-Launch ASDC Production Measurements - 07/18/2001

One execution on LaTIS configuration of each PGE for actual production of March 1, 2000 (Hr 00 if hrly) TRMM and Terra data.

SS	PGE	Compiler	Date	Time, sec			Block I/O		Mem - ory, MB	Disk Storage, MB			Run per Mnt h
				Wall	User	Sys	In	Out		In	Int	Arch	
1.0	Instrument (1.1P1)- PFM	Ada	05/22/00	19896	19387	333	63864	5387	30	438	735	888	31
	Instrument (1.1P3)- FM1	Ada	11/14/00	N/A	11305	237	36033	2064	37	290	792	1276	31
	Instrument (1.1P3)- FM2	Ada	11/14/00	N/A	11195	235	36042	2366	68	288	792	1200	31
	Instrument (1.2P1)- PFM	Ada	05/23/00	233	63	16	13748	2	283	770	0	245	31
	Instrument (1.2P1)- FM1	Ada	11/15/00	N/A	76	10	1564	2	302	1010	0	275	31
	Instrument (1.2P1)- FM2	Ada	11/15/00	N/A	78	10	1403	3	303	888	0	276	31
2.0	Snow Map Gen. (2.1P1)	SGIF90	09/02/00	157	71	5	1169	3	55	79	0	1	31
	Daily (2.2P1)- PFM	SGIF90	09/02/00	1240	733	237	3978	30	440	1	0	865	31
	Daily (2.2P1) - FM1	SGIF90	11/24/00	1358	572	199	4548	49	492	276	0	969	31
	Daily (2.2P1) - FM2	SGIF90	11/24/00	790	564	197	4669	27	494	277	0	974	1
	Overlap (2.3P1) - PFM	SGIF90	09/04/00	95	89	2	2640	71	5	1	0	3	1
	Overlap (2.3P1) - FM1	SGIF90	11/30/00	103	90	3	4418	72	5	280	0	12	1
	Overlap (2.3P1) - FM2	SGIF90	11/30/00	102	92	3	4355	72	5	284	0	13	1
	Overlap (2.3P2) - PFM	SGIF90	09/04/00	153	145	4	4358	72	5	1	0	4	1
	Overlap (2.3P2) - FM1	SGIF90	11/30/00	103	90	4	4241	72	5	277	0	12	1
	Overlap (2.3P2) - FM2	SGIF90	11/30/00	104	90	4	4217	72	5	276	0	11	1
3.0	Monthly (3.1P1) - PFM	SGIF90	09/04/00	323	221	90	2228	103	38	108	0	192	1
	Monthly (3.1P1) - FM1	SGIF90	11/30/00	566	367	167	6010	208	71	340	0	437	1
	Monthly (3.1P1) - FM2	SGIF90	11/30/00	574	369	167	5838	190	71	344	0	440	1
	Monthly (3.2P1) -FM1+FM2	SGIF90	12/07/00	244	191	37	4009	80	71	245	0	449	1
	Monthly (3.2P1) -PFM+FM1	SGIF90	12/08/00	188	133	39	1906	47	71	167	0	514	1
	Monthly (3.2P1) -PFM+FM2	SGIF90	12/08/00	199	134	39	2818	76	71	168	0	517	1
	Monthly (3.2P1) -	SGIF90	12/08/00	265	219	43	42	35	71	290	0	528	1
	PFM+FM1+FM2												
4.1-4.4	Surfmap (4.1-4.0P1)	SGI7.2											
4.1-4.4	Cld Ret/Ftprnt (4.1-4.1P1)	SGI7.2											
4.1-4.4	CRH Update (4.1-4.2P1)	SGI7.2											

SS	PGE	Compiler	Date	Time, sec			Block I/O		Mem - ory, MB	Disk Storage, MB			Run per Mnt h
				Wall	User	Sys	In	Out		In	Int	Arch	
4.5-4.6	TOA/Surf Flx (4.5-61P1)	SGI7.2											
4.5-4.6	TOA/Surf Flx (4.5-6.2P1)	SGI7.2											
5.0	Inst. SARB (5.1P1)	SGIF90											
5.0	Inst. SARB (5.2P1)	SGIF90											
7.2	Synoptic SARB												
12.0	MOA (12.1P1) - n32bit	SGIF90	05/02/01	1047	1033	9	386	5	198	858	0	175	31