

## ASDC/ECS STATUS Table for June 20, 2001

Release	DESCRIPTION	Status	Problems/Comments
<b>LaTIS</b>	<b>Production Development</b>	APGS SS4, SS5, and SS9 are in progress.	
	<b>SSI&amp;T</b>	The following deliveries are being tested: Clouds 262	
	<b>Production</b>	<p>Production of 9 months of Beta2 SSF data files was completed on 6/12/01.</p> <p>Received May 2001 ECMWF data. Subsetting is underway, which will be followed by MOA processing via APGS.</p> <p>Awaiting promotion of clouds to production. Three months of input data have been staged in anticipation.</p> <p>Receipt of the new MODIS MOD02 files (with new channels) started on June 18. Initially it was thought the subsetting software was working successfully on ingest; however, problems have occurred resulting in turning off of the subsetting software while the problem(s) can be investigated and solved.</p> <p>Production requests 12-01 (GGEO) and 09-01 (TISA Avg) are on hold pending a software fix to CERESlib/GGEO.</p> <p>EDOS C4 Terra Interface test scheduled for 6/22/01 from 2pm-5pm.</p> <p>Sue will be on vacation/travel from July 2-July 20. Vertley will be handling production while Sue is away.</p>	

Release	DESCRIPTION	Status	Problems/Comments
	<b>Production (cont.)</b>	<p>The following metadata was added to the IMS database:  CER_SSF_TRMM-PFM-VIRS_Beta2 (new data set; 6235 granules; Science Team)  CER_BDS_Terra-FM1_Edition1 (31 new granules;05/01;WORLD)  CER_BDS_Terra-FM2_Edition1 (31 new granules;05/01;WORLD)  CER_ES8_Terra-FM1_Edition1 (31 new granules;05/01;WORLD)  CER_ES8_Terra-FM2_Edition1 (31 new granules;05/01;WORLD)  CER_ES4_FM1+FM2_Edition1 (1 new granule;05/01;WORLD)  CER_ES4_Terra-FM1_Edition1 (1 new granule;05/01;WORLD)  CER_ES4_Terra-FM2_Edition1 (1 new granule;05/01;WORLD)  CER_ES9_FM1+FM2_Edition1 (1 new granule;05/01;WORLD)  CER_ES9_Terra-FM1_Edition1 (1 new granule;05/01;WORLD)  CER_ES9_Terra-FM2_Edition1 (1 new granule;05/01;WORLD)</p> <p>Read software &amp; readme files were added for the following data sets:  CER_ES8_TRMM-PFM_Edition1  CER_ES8_TRMM-PFM_Edition2  CER_ES8_TRMM-PFM_Transient-Ops2</p>	
	<b>Other</b>		
<b>Version 2.0</b>		<p>Topics during the EOS Data Gateway Operations/Development Workshop (June 13-14) included issues on EDG valids, Guide documents, GCMD updates, EDG maintenance, EDGRS and overview of ECHO system.</p> <p>Plans for the ECHO system have been discussed in detail during the ECHO workshop (June 11-12)</p>	

### Status of CERES SSIT at the LaRC ASDC (06/20/2001)

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 (06/20/2001)

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	
	07/15/99	07/15/99	07/16/99	07/19/99	07/21/99	07/22/99	08/09/99	ValidationR4	014010/Subsetting capabilities 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)
	11/21/99	11/26/99	12/01/99	12/01/99	12/14/99	12/15/99	12/17/99	ValidationR4	
	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)	
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	
	04/23/99								
	06/11/99	06/11/99	06/13/99	06/21/99				ValidationR4	
	08/23/00	08/23/00	08/23/00	08/28/00				Edition1	
	12/21/00	12/21/00	12/21/00	01/08/01				Edition1	
	03/07/01	03/07/01	03/07/01	03/09/01	03/26/01	03/26/01	03/26/01	Edition1	SCCR 220, CC4_5= 011008 SCCR 235, CC4_7=011008 SCCR 243,CC4_5=012009, CC4_7=012009
	05/22/01	06/01/01	06/01/01	06/04/01	06/04/01	06/04/01	06/05/01	Beta1	SCCR 259, CC4_5=013010 ,CC4_7=013010
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	

### Status of CERES SSIT at the LaRC ASDC (06/20/2001)

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 (06/20/2001)

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 (06/20/2001)

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

# CERES TRMM Post-Launch ASDC Production Measurements - 06/20/2001

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	11/25/00	9538	8324	123	27064	22	812	966	757	553	744
4.1-4.4	CRH Update (4.1-4.2P1)	SGI7.2	11/25/00	162	122	22	1665	3	115	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	11/25/00	275	231	35	3526	48	15	552	0	421	744
4.5-4.6	TOA/Surf Flx (4.5-6.2P1)	SGI7.2	06/04/01	4531	3887	595	70904	4	7	1055	0	4969	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	05/15/01	240	210	3	3050	0	44	609	10		1
5.1	Inst. SARB (5.1P1)	SGIF90	05/15/01	256	174	59	4460	2	58	679	1		744
5.2	Inst. SARB (5.2P1)	SGIF90	05/15/01	1738	1205	114	101809	1	4	6050	4		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 - 06/20/2001

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