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Start date of OD	OD #	OD Planned Activities	Science Time lost?	DTCP S/C Error Events?	DTCP Instrument Error Events?	SPIRE/HIFI SEU Event #	Out of Limits & TC failures
Tuesday, April 27, 2010	349	N/A	No	No	No		
Monday, April 26, 2010	348	N/A	No	No	No		
Sunday, April 25, 2010	347	N/A	No	No	No		
Saturday, April 24, 2010	346	CRC re-initialised with the correct check parameter.	No	No	HIFI CLU Checksum failure - "HIFI LCU COMMANDS DISABLED", Not an SEU: caused by the wrong upload of the CRC check parameter.		
Friday, April 23, 2010	345	HIFI recovered during the same DTCP as SEU observed.	No	No	SPIRE Dump performed during DTCP of SPIRE DPU Program Memory. HIFI CLU Checksum failure - "HIFI LCU COMMANDS DISABLED"		
Thursday, April 22, 2010	344	N/A	No	No	No	HIFI -5 on LCU at 04:56:05z	
Wednesday, April 21, 2010	343	HIFI OBSW update/upload.	No	No	No		

Tuesday, April 20, 2010	342	N/A	No	No	No		One Mismatch & one Unexpected commands both HIFI
Monday, April 19, 2010	341	NEW SIAM USED - 341_0001.SIAM	No	No	SPIRE SEU occurred in this OD but not recovered until 29th April 2010.	SPIRE-2	
Sunday, April 18, 2010	340	N/A	No	No	No		
Saturday, April 17, 2010	339	N/A	No	No	No		
Friday, April 16, 2010	338	N/A	No	No	No		
Thursday, April 15, 2010	337	N/A	No	No	No		
Wednesday, April 14, 2010	336	STR CCD dump for 1.5 hours after SOPS window for RWL bias -- no pointing during this time.	No		No		
Tuesday, April 13, 2010	335	N/A	No	No	No		
Monday, April 12, 2010	334	N/A	No	No	No		
Sunday, April 11, 2010	333	N/A	No	No	No		
Saturday, April 10, 2010	332	N/A	No	No	No		
Friday, April 09, 2010	331	N/A	No	No	No		
Thursday, April 08, 2010	330	N/A	No	No	HIFI SEU occurred at 20:57:37z, during the DTCP.	HIFI-4	

					Recovered during same DTCP.		
Wednesday, April 07, 2010	329	N/A	No	No	No		
Tuesday, April 06, 2010	328	N/A	No	No	No		
Monday, April 05, 2010	327	N/A	Approximately 2 ODs in total between OD-320 & OD-327	No	No		
Sunday, April 04, 2010	326	BSM tuning#5 on MT Upload of re-planned MTL-328 with revised SIAM 0320_0002	Approximately 2 ODs in total between OD-320 & OD-327	No	No		
Saturday, April 03, 2010	325	N/A	Approximately 2 ODs in total between OD-320 & OD-327	No	Emergency re-planning from OD-328 onwards, based on new deliveries from HIFI (H35CaI and H36ASTR MCs) and a new SIAM (0320_0002)		
Friday, April 02, 2010	324	N/A	Approximately 2 ODs in total between OD-320 & OD-327	No	PACS ICC reports that pointing checks on data taken with SIAM 0320_0001 show a 11" offset for PACS P01 aperture, caused by a sign error in SIAM correction. Emergency		

					SIAM update required. Emergency re-planning exercise extended due to lack of availability of pointing-robust AORs after SPParallel issues.		
Thursday, April 01, 2010	323	N/A	Approximately 2 ODs in total between OD-320 & OD-327	No	MOC discovered that all HIFI TCs were being rejected in Mission Planning (although OK on HSC SMPS). Issue traced to SEU detection upgrade: TC length of 230 bytes exceeded the maximum permitted of 228 bytes. HIFI observing suspended pending emergency delivery of new MC. Emergency re-planning exercise initiated.		
Wednesday, March 31, 2010	322	N/A	Approximately 2 ODs in total between OD-320 & OD-327	No	No		

Tuesday, March 30, 2010	321	HIFI LCU upload to give smarter SEU detection + extension of DTCP (2h)	Approximately 2 ODs in total between OD- 320 & OD- 327	No	No		
Monday, March 29, 2010	320	HIFI OBSW upload (2h). STR CCD temperature change to -10C set permanently. New SIAM (0320_0001)	Approximately 2 ODs in total between OD- 320 & OD- 327	Use DTCP for STR CCD dump.	No		
Sunday, March 28, 2010	319	N/A	No	No	No		
Saturday, March 27, 2010	318	N/A	No	No	No		
Friday, March 26, 2010	317	N/A	No	No	No		
Thursday, March 25, 2010	316	N/A	No	No	No		
Wednesday, March 24, 2010	315	N/A	100% SPIRE part of parallel data lost after suppression of SPIRE detector readout during AOT upgrade. ICC test procedures revised. PACS data was secured. All SPPparallel observing suspended until MC S52ASTR can be delivered.	No	No		
Tuesday, March 23,	314	N/A	100% SPIRE part of	No	No		

2010			parallel data lost after suppression of SPIRE detector readout during AOT upgrade. ICC test procedures revised. PACS data was secured.				
Monday, March 22, 2010	313	MOIS BSM tuning.	No	No	No		
Sunday, March 21, 2010	312	N/A	No	No	No		
Saturday, March 20, 2010	311	N/A	No	No	No		
Friday, March 19, 2010	310	N/A	No	No	No		
Thursday, March 18, 2010	309	N/A	No	No	No		
Wednesday, March 17, 2010	308	N/A	5% of HIFI Observing time lost i.e. One HIFI Calibration Observation lost to poor H/W test setting	No	No		
Tuesday, March 16, 2010	307	N/A	No	No	No		
Monday, March 15, 2010	306	N/A	10% of HIFI PV Observing time lost due to HIFI SEU (1 cal observation). Patched in DTCP. MTL re-joined at 01:50z.	No	No		

Sunday, March 14, 2010	305	N/A	10% of HIFI PV Observing time lost due to HIFI SEU (3 PV observations)	No	HIFI SEU identified to have occurred near end of OD.	HIFI -3 in LCU at 19:50z	
Saturday, March 13, 2010	304	N/A	No	No	No		
Friday, March 12, 2010	303	N/A	No	No	No		
Thursday, March 11, 2010	302	HIFI LCU table upload & BSM Tuning in DTCP	No	No	No		
Wednesday, March 10, 2010	301	N/A	No	No	No		
Tuesday, March 09, 2010	300	STR returned to 20 degC until SIAM available.	No	DTCP held free to include CCD dump	No		

-- [LarryORourke](#) - 17 Sep 2010

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