Item # (priority) =>exec or script name 1 (high) =>dsdf.pl	Module Componen t/ Subcompo nent/ Executab le ->HK Level 0 ->MOC Dayfile Save and decode keywords data for	Error or Warning Email messages with this subject. JSOC: (1) WARNIN G:	JSOC: WARNING: Ingesting MOC dayfiles: status:No files loaded today Warning Message:>Received	Problem Described Dayfile were not retrieved by process that retrieves the Level	(2-option a) Once this is working the process will pick up dayfiles for lost day(s) and the current day and save dayfiles at 10PM-PDT.
	asd dayfile and save keywords to asd HK by APID series(s do.lev0_ asd_0004)) - >dsdf.pl cronjob on producti on@j0.	Ingesting MOC dayfiles: status:No files loaded today	count of <0> hkt files and count of <0> xml files from directory >When executing script from cron job.	dayfiles from MOC Product server. This should be done by 9PM PDT.	0/scripts/hk % dsdf.pl moc>View log file to confirm saved dayfiles and decode asd dayfile.
2 (low-high) =>dsdf.pl	->HK Level 0 ->MOC	Email with subject:	Warning Message:>Received count of <3> hkt	(1) This usually occurs	Action Problem Described(1): Probably not Problem. Confirm all 256 files were

					·
Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le Dayfile	Error or Warning	Total Message	Problem Described	Solution/ Actions Required ingested by viewing log file(log-
	Save and decode keywords data for asd dayfile and save keywords to asd HK by APID series(s do.lev0_asd_0004) - >dsdf.pl cronjob on producti on@j0.	JSOC:WARN ING:Inges ting MOC dayfiles: status:Po ssible error ingesting dayfile.	of <3> xml files from directory >When executing script from cron job>Check if there is problem. The dayfiles to ingest into data series and delete from directory did not match the count of the dayfiles received>Possibly a problem ingesting dayfiles in series because of bad setting of SUMSERVER parameter or SUMS could be not available>Possibly not an issue which was caused by the dayfiles not being ingested on previous day(s) therefore the file count received today does not match files ingested.	getting email described in item #1. The next day there are previous days files on the dropoff directory . So the amount we pick up from	df-moc) and view the dayfiles are there in the three dayfile series for that day. Where three series are aia.hk_dayfile, hmi.hk_dayfile, sdo.hk_dayfile. Action for Problem Described(2): Confirm when SUMS/DRMS is working. Then follow similar procedure shown for item #1. The difference here is that, you will sse dayfiles(64 dayfiles + 64 xml files) on the dropoff directory. Since we had files but could not
3 (high) =>gdfrt.pl	->HK Level 0 ->Real time Decode	(1) j0 server down or crashed email	(1)j0 server down or crashed. (2)Email message in body :Error Message:	Possible Problems: (1) J0 server goes down	Action Problem Described(1): Solution is to restart gdfrt.pl process if necessary(This should get restart by cronjob!!). Restart monitor_df_rtmon.pl process. This

	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
of keywords to asd series using Minute of data in RTMON Dayfile ->On producti on@j0 cron job to start script. Script at /home/pr oduction /cvs/JSO C/proj/l ev0/scri pts/hk. % gdfrt.p I apid=129 pkt size	from admins (2) Email with subject: JSOC:WARN ING:INGES TING REALTIME DAYFILE FOR APID 129:Dayfi le does not exist (3) Email with subject: JSOC:WARN ING:INGES TING REALTIME DAYFILE FOR APID 129:Dayfi le is not getting new packets	>Dayfile is not probably there>This monitor script will continue running and resend another email notice if the data file is there and data starts flowing and stops again>To restart monitor enter command: /home/production /cvs/JSOC/proj/l ev0/scripts/hk/m onitor_df_rtmon. pl apid=129>To stop monitor run command(user=pro duction):/home/p roduction/cvs/JS OC/proj/lev0/scr ipts/hk/stop_mon itor_df_rmon.pl apid=129 apid=129	<pre>dayfiles (3a) See item above(2). (3b) Or could be a short</pre>	dayfile and saves keywords to sdo.lev0_asd_0004 series. b) Log on to j0 on another terminal window and execute: % nohup monitor_df_rtmon.pl apid=129 & This script monitors if dayfile is getting updated every 5 minutes, if not sends email warning. c) View if passing when processing. Note the is one issue shown in the log file as failed when processing more then 1 minute of data at beginning of run. This is really ok. % tail -f /home2/production/cvs/JSOC/proj/le v0/scripts/hklog-gdfrt-apid-129 d) View in LookData tool that data records are getting added to sdo.lev0_asd_0004. Action Problem Described(2): -Check j0 can see directory /hmisdp-mon/log/packetsContact Rock on why Lockheed not updating data to dayfiles. Action Problem Described(3a,b,c): -Check j0 can see directory /hmisdp-mon/log/packetsContact Rock on why Lockheed not updating data to dayfiles. -Check logfile.

Item #	Module	Error or	Total Message	Problem	Solution/
(priority)	Componen	Warning	Total Message		Actions Required
=>exec or script	t/				
name	Subcompo				
	nent/ Executab				
	le				
					there was a stop of telemetry processing. When started up, check that the processing caught up processing the packets. For example if regular process 14 packets per minute and was stopped for 10 minutes, then there should have been catch up of 140 packets. If catch-up did not occur, then check, if at end of the day, the moc dayfile processing fills the asd series(sdo.lev0_asd_0004). There should be 21600 packets for that day. This moc processing occurs at 12midnight-PST. So check this the next day PST time. If the gap in processing of rtmon dayfile and the moc dayfile processing does not fill gaps, contact Rock.
					This will cause level 1 to fail to process data, if gap in asd series is over a certain amount of time(>10min?).
4 (high)	->HK	(1)Email	(1) ERROR		Action Problem Described(1a):
=>gdfrt.pl	Level 0 ->Real	with subject:	Message: >Failed to	le problems:	Check with team if drms database is down for service. If down, then
	time	JSOC: ERRO	decode dayfiles	(a) drms	as soon as comes back up the
	Decode	R:HK	into keywords	data base	script will begin processing where
	and save	Level 0	and write	is down	last successfully processed data.
	of keywords	Real Time Processin	keywords to hk data series for	for service	Confirm in log file (/home/production/cvs/JSOC/proj/le
	to asd	g failed	apid <129>.	(b) drms	v0/scripts/hk/log-gdfrt-apid-129)
	series	to decode	>Cause could	data	that the processing is being done
	using	minute	be that DRMS is	series	successfully. If not successfully
	Minute of data	dayfiles.	down or the drms series does not	does not exist.	processing review log for reason why failing.
	in RTMON		exist.		
	Dayfile		>When DRMS		Sidebar 1: If the drms is down for
	->On producti		comes back up, this script will		less than two days and this process continues to run. The
	on@j0		start to process		script will auto process previous
	cron job		dayfile were		days dayfile before starting
	to start script.		last processed data		processing of current dayfile(0 UTC = 5pmPDT). If greater than two
	Script.		successfully.		day's of drms down, auto
	at		>Minute Day		processing will not occur for
	/home/pr		File not decoded		previous files 2-n days back.
	oduction /cvs/JSO		is: <th></th> <th></th>		
	C/proj/l		ayfiles/20100607		
	ev0/scri pts/hk.		.0x0081-0-		Action Problem Described(1b):
		1	minute>	l .	First check the dataseries in log

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
	The cronjob script execution with arguments: gdfrt.pl apid=129 pkt_size =128		>Next Email Alert will be sent in 1 hour if problem persists>Here is log from decode_dayfile executable showing error messages:		file is existing in drms by doing show_info <name>. If does not exist, will need to create using jsd files auto created at /home/production/cvs/TBL_JSOC/lev0 /hk_jsd_file/prod using create_series. The script should write to series with no errors. Second check, since the gdfrt.pl calls decode_dayfile. decode_dayfile's series name setup could be incorrect in SOURCE_ENV_FOR_HK_DECODE_DAYFILE which is in directory /home/production/cvs/JSOC/proj/lev 0/apps. This name change could occur if the HK config files from Lockheed are updated.</name>
5 (low) =>dsdf.pl	->HK Level 0 ->RTMON Dayfile Save of only ASD Dayfile - >dsdf.pl cronjob on producti on@j0.	Email message with this subject: JSOC:WARN ING:Inges ting RTMON dayfiles: status:Po ssible error ingesting dayfile.	files and count of <1> xml files from directory .	saved to dayfile series. Possible problems: (1)SUMS/D	(Step 1) Verify issue: Check if RT dayfile in sdo.hk_dayfile series where date is day of problem and source=rtmon. Check log file at log-df-rtmon for information on warning. Check for dayfile at drop directory defined in dsdf.pl and pickup directory in ingest_dayfile.pl (Step 2) Manual save RT dayfile that failed last night. Execute the manual command to save asd rtmon dayfile to sdo.hk_dayfile. ssh or login to j0 as production user. Since we are save only asd files (apid in hex use 81) use command with apid=81. Set merged value to 0 which mean save dayfile only. Utilize src=rtmon because file is in rt filename format. The dsnlist is a map to tell script were save dayfile. a) Save dayfile: % cd /home/production/cvs/JSOC/proj/lev 0/scripts/hk % ingest_dayfile.pl apid=81

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
			series because of bad setting of SUMSERVER parameter or SUMS could be not available>Possibly not an issue which was caused by the dayfiles not being ingested on previous day(s) therefore the file count received today does not match files ingested.	to hmisdp- mon server.	<pre>dsnlist=./df_apid_ds_list_for_rtmo n src=rtmon merged=0 b)Verify files save by checking LookData tool with sdo.hk_dayfile. c)Clean files: % cd /tmp21/production/lev0/hk_rtmon_da yfile % rm <files saved=""> % vi DF_DELETE_FILE_LIST_RTMON (Remove files saved already) (Step 3)Fix issue, if needed to, described in list issues in Problem Description column. Verify tomorrow no warning email is send. Verify log has no errors.</files></pre>
6 (low) =>dsdf.pl	->HK Level 0 ->RTMON Dayfile Save of ASD apid 129, apid 17,19,21 ,38,40, and 44 Dayfiles -	Email message with this subject: JSOC:WARN ING:Inges ting RTMON dayfiles: status:no file loaded today.	Similar to item #1 except this is for RTMON or Real time day files. This RTMON refers to HK_SOURCE keyword setting in <aia hmi sdo>.hk _dayfile series.</aia hmi sdo>	(1) Path setup to pickup or drop off dayfile was not correct. (2) No dayfile on /hmi-sdp server. (3) JO has no access	<pre>(Step 1) Check with j0 see hmisdp- mon directory. Check if asd dayfile there(apid is 0x81). (Step 2) Follow similar step as item #3</pre>

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
	>dsdf.pl rtmon cronjob on producti on@j0.			to hmi- sdp server therefore cannot reach dayfile.	
8. (low) =>getdf.pl	->HK Level 0 ->HSB Dayfile Save >getdf.p l hsb cronjob on producti on@j0.	Email message with subject: JSOC:WARN ING:Inges ting HSB dayfiles: status: Found Old HSB Dayfile Not Processed ->Action Required	Warning Message:> When checked the HSB Directory found one issue requiring action> ISSUE Found: (1)Old Dayfile(s) were found and need to be loaded in dayfile series> ACTIONS To Do: (1)Run ingest_dayfile.p	reprocess ing of older telemetry data. The ingest_le v0 executabl e write HK packets to HSB dayfile. The	Action for Problem Described(1): Step(1) (a) Check hsb dayfile have not been already saved to <aia hmi>.hk_dayfile series. Go to /surge40/jsocprod/lev0/hk_hsb_dayf ile and check old dayfiles or use list in warning email to check. Go to JSOC LookupTool and search for entry. For example query for hmi.hk_dayfile[<day date="">][][hsb] to check hmi dayfiles(400 values) with apid 445, 481,etc. Check aia apids(500 values) by going to aia.hk_dayfile[<day date="">][][hsb]. If dayfile there, then did save the "first created" hsb dayfile created and this dayfile is a</day></day></aia hmi>

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
			l with src=hsb_r to load these old dayfiles. Then confirm loaded in hk_dayfile series and then delete each dayfile(s)> List of <18> Old Dayfile(s) are: hsb_0478_2010_09 _29_03_20_51_00. hkt hsb_0475_2010_09 _14_00_36_04_00. hkt hsb_0451_2010_09 _14_00_36_59_00. hkt	that save HSB dayfiles only saves current days dayfile. It does not save older	reprocessed dayfile so need to save with "hsb_r" source as discussed next. If hsb dayfile "NOT" there, then save this dayfile using source value "hsb" and follow same procedure below for only "old" dayfiles listed in email. Remember the latest dayfiles there should be left alone, since they are saved and removed automatically by cron job at 9pmPDT. Now we begin a manual process to save hsb dayfiles. See steps 1b-1e. Step (1) (b) go to production@j0 % sch -1 production j0 % cd /home/production/cvs/JSOC/proj/lev 0/scripts/hk Step(1) (c) Save files in dayfile series using script. For day 9/29 use this. Important to note to use hsb_r. Also do not save or delete current dayfiles being updated, let auto process do this(getdf.pl hsb). ==>Best Way %ingest_dayfile.pl apidlist=./df_apid_list_day_file_hsb_r start=20100929 end=20100929 dsnlist=./df_apid_ds_list_for_hsb_r src=hsb_r merged=0 ==>Slower Way % ingest_dayfile.pl apid=478 start=20100929 end=20100929 dsnlist=./df_apid_ds_list_for_hsb_r src=hsb_r merged=0

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
					This step needs to be done because the auto script getdf.pl uses DF_DELETE_FILE_LIST file too. It is used to remove hsb dayfiles that have been saved to series. Step 1(f) Remove files from /surge40/jsocprod/lev0/hk_hsb_dayfile. Here is example Check if this is list want to remove by doing ls command. %ls /surge40/jsocprod/lev0/hk_hsb_dayfile /*_09_29* Now carefully do remove. %rm /surge40/jsocprod/lev0/hk_hsb_dayfile /*_09_29*
(9) (high) =>dsdf.pl	Effects RTMON and MOC Dayfiles: ->HK Level 0 ->RTMON Dayfile Save of ASD apid 129, apid 19 and apid 44 Dayfiles - >dsdf.pl rtmon cronjob on producti	Missing records for aia.tempe rature_su mmary_300 s or/and or hmi.tempe rature_su mmary_300 s series causes level 1 processin g to stop processin g. Usually email from Jim or John Serafin or Rock.	See Error or Warning column.	There are two possible causes of issue. Issue(1): The dayfile has missing packets so records created from data are also missing. ISSUE(2): The cronjobs did not run last	(1a) Check series for missing records to confirm issue. For apid 19:check hmi.temperature_summary_300s has 288 records per day. >For apid 44: Check aia.temperature_summary_300s has 288 records per day. (1b) Check if ran correctly last night by checking log files for rtmon and moc dayfile processing. >Check rtmon logfile at /home2/production/cvs/JSOC/proj/le v0/scripts/hk/log_df_rtmon >Check rtmon logfile at /home2/production/cvs/JSOC/proj/le v0/scripts/hk/log_df_moc (1c) Check if dayfile with issue has no errors in xml "quality information" file paired with each

Reywords to asid to asid to asid HK by APID Reffect on series(s do.lev0_ asd 0.004).					1	
because atther dayfile and check is there is dayfile and check is there is missing data in summary line. dayfile sissue of new moc dayfiles (le) Emplement fix if there is missing data in summary line. dayfile sad dayfile and save keywords data for asd dayfile and save keywords to aad HK by APID series; but and listed and listed dayfile and save dayfile and do see ticket). Also save dayfile and do average processin of apid and do see ticket). Also save dayfile and do see and do see ticket). Also save dayfile and do see and do see ticket). Also save dayfile and do see and do see ticket). Also series, so do see and do see and save dayfile and do see and save dayfile and do see and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and save dayfile and do seerage processin of apid ticket sees and sees and save dayfile and do seerage processin one to see and sees and sees and save dayfile and do seerage processin one to see and sees and save dayfile and do seerage processin one dayfile seenage day ticket sees and save and ticket. Also file Implement fix if there is missing data in summary line. down in sixing data in summary line. down in sixing data in summary line. down in sixing data in summary line. down in the sixing data in summary line. down in the six set (le) Implement fix if there is missing data. ->Report set recreate of moc dayfile with new version. Rock or you can do (see ticket). ->When coddard places new file on moc product server the process and series and series records for that day again. (le) If gap not filled by can be set key command to fill gaps.	(priority) =>exec or script	Componen t/ Subcompo nent/ Executab		Total Message		
		->HK Level 0 ->MOC Dayfile Save and decode keywords data for asd dayfile and save keywords to asd HK by APID series(s do.lev0_ asd_0004). Also save dayfile and do average processi ng of apid 19 and 44 to series>Art's cronjob on	no automatic email warning yet on this		because either systems down or retrieve of new moc dayfiles not successfu 1. ISSUE (1) and ISSUE (2) effect on level One processin g: This causes aia and hmi level one to stop processin g because it is a requireme nt to have 288 records per day in both	>Go to datatool and view xml dayfile and check is there is missing data in summary line. (1d) Email Rock and team effected with issue on findings. (1e) Implement fix if there is missing data. >Request recreate of moc dayfile with new version. Rock or you can do (see ticket). >When Goddard places new file on moc product server the process will work automatically when the "dsdf.pl moc" is run via Art's script on jsoc@jo. (1f) Verify gaps were filled by checking series records for that day again. (1g) If gap not filled then get approvals from Rock to run the set_keys command to fill gaps. Here is example of filling gap for time 2010.11.29_20:40:00_UTC where DATE is current time when ran command and T_START time is time of record want to fill in(2010.11.29_20:40:00_UTC): set_keys -c ds=hmi.temperature_summary_300s T_START=2010.11.29_20:40:00_UTC) NU MPTS=0 DATE=2011-011- 21T20:01:16Z The DATE parameter can be in UTC time(2011.03.23_19:00:00_UTC) or Z time as shown. The NUMPTS=0 since we have no packet data to calculate average data of keywords. SIDENOTE: Example email to Goddard to recreate dayfile: Original Message Subject: missing packets in moc level 0(lzp) day file for apid 44 -

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
					From: Carl Cimilluca (carl@sun.stanford.edu) To: Brett Sapper (Brett. P. Sapper@nasa.gov), Christopher. B. VanDyke@nasa.gov CC: Rock Bush (rock@solarpost.stanford.edu), Carl Cimilluca (carl@sun.stanford.edu) Brett, Chris, We are seeing a gap in packets for the moc level 0 dayfile for apid 44 between these times below. 2011. 01. 12_17:40:49.00_UTCGap in packets 2011. 01. 12_18:22:29.00_UTC This is about a 41 minutes gap where we have no packets. This is about 123 missing packets. Can your team recreate an apid 44 dayfile for doy 12 with version setting to 02(i.e., 0044_2011_012_02.hkt) and drop off file on MOC Product Server? Our automatic scripts will pickup dayfile tonight at about 11pm-12am PDT. Thanks Carl Cimilluca Stanford University- JSOC Team Solution for ISSUE(2): (2a) Confirm cronjobs did not run last night by checking log files (log-df-moc and log-df-rtmon) at jo:/home/production/cvs/JSOC/proj/ lev0/scripts/hk. (2b) If occurred for just that one day because of down systems or

Item # Module Error or Total Message Problem Solution (priority)	•
script Nubcompo nent/ Executab le	
will ryester and the control of the	wn sums/drms wn cronjob for rtmon on ction@j0 wn Art's retrieve script of own files. The back up, the dayfiles moc product server should be not over and the cronjobs for mould process all dayfiles h) plfor all down days. The rtmon dayfile load_m3sd ssing needs to be done lly,only if needed to fill Check with Rock. Should save dayfiles manually using todayfile.pl for missed days. The apid 17,19,21,38,40, and wfiles to dayfile series source setting "rtmon" by dayfile on fileserver n-sdp. The steps to do: The drop directory is apid 17,19cocprod/lev0/hk_rtmon_da The dayfile of the company is The drop directory from The drop directory is

	1				
<pre>Item # (priority) =>exec or script name</pre>	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	apidlist=./df_apid_list_day_file_r tmon start=20080518 end=20080530 dsnlist=./df_apid_ds_list_for_rtmo n src=rtmon merged=0 ===>clean up by deleting items in DF_DELETE_FILE_LIST_RTMON file ===>clean up by removing files in the "dropoff" directory
(10) (high) =>dsdf.pl	Effects RTMON and MOC Dayfiles : ->HK Level 0 ->RTMON Dayfile Save of ASD apid 129, apid 19 and apid 44 Dayfiles - >dsdf.pl rtmon cronjob on producti on@j0. ->HK Level 0 ->MOC Dayfile Save and decode keywords data for asd dayfile and save keywords	g and Decode Dayfile Processin g of all MOC dayfiles NOT done. OR JSOC:WARN ING:M3SD	Message (1): >Did not process the expected <6> dayfiles using load_m3sd executable. >Only processed <12> dayfile(s) >Check if the dayfiles for apid 17, 19, 21, 38, 40 and 44 have been retrieved and ingested in <	have been	Problem(1) (1a) Check logfile on what happened. ==>For MOC Dayfile check log at /home2/production/cvs/JSOC/proj/le v0/scripts/hk/log-df-moc ==>For RTMON Dayfile check log at /home2/production/cvs/JSOC/proj/le v0/scripts/hk/log-df-rtmon (1b) Check if log shows did not run the day before. If did not run the day before need to find out reason it did not run. Problem(2) (2a) Check logfile on what happened. ==>For MOC Dayfile check log at /home2/production/cvs/JSOC/proj/le v0/scripts/hk/log-df-moc ==>For RTMON Dayfile check log at /home2/production/cvs/JSOC/proj/le v0/scripts/hk/log-df-moc (2b) Check if they sent us different versions of dayfiles that might be updates. The revised dayfiles could be resent with updated data. Check version, which could say 02(i.e., see 02 value in this file 0001_2011_097_02.hkt). Or it could be a resent of dayfile with a doy(day of year) that was not last night doy. For example,today is doy 097 and we got files showing doy 037(0001_2011_037_02.hkt) with updated version. (2c) Send email to team on your

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le to asd HK by APID series(s do.lev0_ asd_0004). Also save	Error or Warning	decode_dayfile executable>Note sdo.lev0_asd_0004 was not updated today>Only processed <2> dayfile(s).	retransmi t of dayfile and the version of dayfile was updated to	was a retransmit of doy dayfiles with verision 02 for doy=xxx. (2d) Also send any information if these files failed to get processed using load_m3sd(saves to 6 telemetry averaging series), decode_dayfile(save data to sdo.lev0_asd_0004 series) and ingest_lev0.pl(save dayfile to
	save dayfile and do average processi ng of apid 19 and 44 to series.		<pre><2> dayfile(s)>Check if the dayfiles for apid 129 has been retrieved and ingested in sdo.hk_dayfile series>If dayfile exists, get dayfiles and rerun with decode_dayfile executable.</pre>	version 02. Sometimes dayfiles are resent with more complete data.	<pre>ingest_lev0.pl(save dayfile to <sdo hmi aia>.hk_dayfile series)</sdo hmi aia></pre>

nent/ Executab le	=>exec or script name
Composition Composition	=>dsdf.pl

<pre>Item # (priority) =>exec or script name</pre>	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
	jsoc@j0 executes dsdf.pl moc (for moc dayfile only) =>gdfrt.pl Effects RTMON MINUTE Dayfiles: ->HK Level 0 ->RTMON Minute Dayfile Decode keywords data for asd series	ng_info() status =-2 fsn tobs ASD: 23194533 108662326 2.34499 Other Keywords for bug: missing asd get_pointing _info 129		and ISSUE (2) effect on level One processin g: This causes aia and hmi level one to stop processin g because it is a requireme nt by the	settings for level 1 executable to continue processing (1g) In the past another attempt was to get another moc file(version 2) from Goddard. >Request recreate of moc dayfile with new version. Rock or you can do(see ticket). >When Goddard places new file on moc product server the process will work automatically when the "dsdf.pl moc" is run via Art's script on jsoc@j0. (1h) Verify gaps were filled by checking series records for that day again. (1i) If gap not filled then get approvals from Rock try filling gaps using rtmon dayfile for apid 129 using decode_dayfile executable. Then use the moc dayfile for apid 129 using decode dayfile. Verify if gaps were filled. This technique has not really worked since daily processing is aleady doing this processing already. SIDENOTE: Example email to Goddard to recreate dayfile: Original Message Subject: missing packets in moc level 0(lzp) day file for apid 129 ->0129_2011_012_01.hkt Date: Fri, 21 Jan 2011 11:26:16 - 0800 From: Carl Cimilluca <carl@sun.stanford.edu> To: Brett Sapper Grasa.gov>, Christopher.B.VanDyke@nasa.gov CC: Rock Bush <rock@solarpost.stanford.edu>, Carl Cimilluca <carl@sun.stanford.edu> Brett, Chris, We are seeing a gap in packets for the moc level 0 dayfile for apid 129 between these times below.</carl@sun.stanford.edu></rock@solarpost.stanford.edu></carl@sun.stanford.edu>
					2011.01.12_17:40:49.00_UTC

Item # (priority) =>exec or script name	Module Componen t/ Subcompo nent/ Executab le	Error or Warning	Total Message	Problem Described	Solution/ Actions Required
					Gap in packets 2011.01.12_18:22:29.00_UTC This is about a 41 minutes gap where we have no packets. This is about 123 missing packets. Can your team recreate an apid 129 dayfile for doy 12 with version setting to 02(i.e., 0129_2011_012_02.hkt) and drop off file on MOC Product Server? Our automatic scripts will pickup dayfile tonight at about 11pm-12am PDT. Thanks Carl Cimilluca Stanford University- JSOC Team Solution for ISSUE(2): (2a)Confirm cronjobs did not run last night by checking log files (log-df-moc and log-df-rtmon) at j0:/home/production/cvs/JSOC/proj/lev0/scripts/hk. (2b)If occurred for just that one day because of down systems or failed cronjob then the process will process the moc dayfiles from yesterday and today files tonight and this should fix issue. (2c)If problem persists, fix source of problem. Possible causes are:down h/wdown sums/drmsdown cronjob for rtmon on production@j0down Art's retrieve script of moc down files. (2d)Once back up, the dayfiles from moc product server should be brought over and the cronjobs for moc should process all dayfiles