

## Upcoming Events

Event/Sub-events	Description	Schedule	Ref No
<b>Ground System Interface Test (GSIT)</b>	Formerly Early NCT3 Ground EEO	10/27/2009 – 11/10/2009	3
<b>Flight Thread Tests</b>	FTTs are used to verify functional requirements contained in the Mission Requirements Specification.		
<ul style="list-style-type: none"> <li>• FTT 8</li> </ul>	This test will verify the ingest and validation of selected IDPS (NESDIS) generated RDRs and xDRS (TDRs, EDRs, and SDRs) from ADS in SDS.	07/30/2009 - 08/05/2009	1
<b>Interface Confidence Tests</b>	The ICTs will be discussed at the Test Data Summit, Dec 9-10 at Goddard.		
<ul style="list-style-type: none"> <li>• ICT 2</li> </ul>	SDS <-> IDPS – Schweiss requests at least dial in for kick off discussion during the Test Data Summit, Dec 9-10.	Incorporated into GSIT (Suspended until further notice)	3
<ul style="list-style-type: none"> <li>• ICT 4</li> </ul>	ADS/CLASS <-> SDS	Incorporated into GSIT ("Soft" test complete)	3
<ul style="list-style-type: none"> <li>• ICT 23</li> </ul>	SDS <-> NSIPS	Incorporated into GSIT (Postponed – no new schedule)	3
<ul style="list-style-type: none"> <li>• ICT 24</li> </ul>	SDS <-> LaRC (ASDC)	Incorporated into GSIT (TBD)	3
<b>Mission Rehearsal Tests</b>			
<ul style="list-style-type: none"> <li>• MRT3</li> </ul>	Sensor activation and checkout: Sensor activation, Sensor deployments, Mission data handling, & Cal/Val.	Launch - 7 months (06/16/2010 – 06/22/2010)	2 & 3
<ul style="list-style-type: none"> <li>• MRT4</li> </ul>	Combination of Mission Rehearsal #2 and Mission Rehearsal #3.	Launch - 4 months (09/29/2010 – 10/05/2010)	2 & 3
<ul style="list-style-type: none"> <li>• MRT4A</li> </ul>	Dress Rehearsal	Launch - 1/2 weeks (01/04/2011 – 01/10/2011)	2 & 3

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<b>NPP Compatibility Tests</b>	The NCTs exercise flight and ground interaction. Each NCT is comprised of functional thread and interface tests that provide a continuing higher degree of confidence leading up to operational readiness.		
<ul style="list-style-type: none"> <li>• NCT3</li> </ul>	This test exercises the flow of data from the satellite through C3S, IDPS, SDS, and to the ADS with the appropriate products being generated at each stage. (This test was previously scheduled to begin on 06/10/2008 and to last for 5 days. The slippage of that schedule led to the "Early NCT3-Ground EEO.")	02/03/2010 – 02/09/2010	3
<ul style="list-style-type: none"> <li>• NCT4</li> </ul>	This test exercises mission configuration, 3 days in the mission life with all elements of ground segment. This is the final test opportunity with the satellite before shipment to launch facility. (Ref. #1 shows the test duration as 10 days which is apparently an error.)	09/22/2010 – 09/28/2010	3
<b>Operations Readiness Test (ORT)</b>	Verify that the ground system and operations personnel are ready to support the mission.	10/18/2010 – 10/22/2010	2 & 3
<b>SDS Function Tests</b>	From the "SDS System Test Schedule" - more info/details to follow.		
<ul style="list-style-type: none"> <li>• Land to CERES</li> </ul>		09/10/2009 (TRR) & 09/14/2009 (Test)	4
<ul style="list-style-type: none"> <li>• CERES to CLASS/ADS</li> </ul>		09/10/2009 (TRR) & 09/14/2009 (Test)	4
<ul style="list-style-type: none"> <li>• CERES to CasaNOSA</li> </ul>		09/10/2009 (TRR) & 09/14/2009 (Test)	4
<ul style="list-style-type: none"> <li>• CERES to Science Team</li> </ul>		09/10/2009 (TRR) & 09/14/2009 (Test)	4
<ul style="list-style-type: none"> <li>• CERES to C3S (WRS)</li> </ul>		09/10/2009 (TRR) & 09/14/2009 (Test)	4
<ul style="list-style-type: none"> <li>• NPP Launch</li> </ul>		01/16/2011	2
<b>NPP Mission Freeze Date</b>	The purpose of this date is to lock-down the mission configuration before launch. The mission freeze date generally applies to major hardware/software items within the ground system and mission operations area such as ground software and hardware. A comprehensive list of items that apply to the launch freeze will be generated by the MOWG.	Launch - 2 months	

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<b>References:</b>	<ol style="list-style-type: none"> <li>1. NPP_SDS_Schedule_Dec_18_2008.mpp.pdf ... from Mary Hunter's "Thu 12/18/2008 1:40 PM" email (RE: NPP SDS Schedule)</li> <li>2. NPP Schedule – Mission Drivers (NPP Schedule to Launch_012209.mpp via NPP Mission Drivers Schedule_012209_4pg-r1-1.pdf)</li> <li>3. Attachment (NPP Replan_Schedule_Drivers_081009.pptx) to Erika Geier's "NPP schedule updates" email on Tuesday, August 11, 2009, at 9:18 am.</li> <li>4. July 29<sup>th</sup> NPP DMTM report.</li> </ol>		