

Target Diagnostic Qualification Checklist

Diagnostic: **Hard X-Ray Spectrometer (HXS)** ID #:

Principal Development Contact: **John Seely, NRL, 202-767-3529**

<u>Proposal Phase</u>	Scheduled Completion	Actual Completion
1.1. Conceptual/Preliminary Design Review complete	4/7/00	4/7/00
1.2. CDR/PDR minutes published	4/14/00	4/10/00
1.3. Construction/deployment schedule reviewed and published	4/21/00	4/25/00
1.4. Development responsibilities reviewed and published	4/21/00	4/25/00
1.5. CDR/PDR minutes action items resolved	4/21/00	5/22/00

<u>Development / Construction Phase</u>	Scheduled Completion	Actual Completion
2.1. Final Design Review complete	7/17/00	7/17/00
2.2. FDR minutes published	7/19/00	7/19/00
2.3. Integration plan reviewed and published	8/11/00	8/28/00
2.4. Draft operating procedures reviewed and published	8/11/00	8/18/00
2.5. Static Test Plan reviewed and published	8/11/00	8/28/00
2.6. Field Test Plan reviewed and published	8/11/00	8/14/00
2.7. FDR minutes action items resolved	8/11/00	8/28/00

<u>Integration Phase</u>	Scheduled Completion	Actual Completion
3.1. Hardware delivered to LLE	11/13/00	
3.2. System installation complete	11/15/00	
3.3. Static system test complete	11/17/00	
3.4. Crew training complete	11/17/00	
3.5. Final review of system readiness	11/17/00	

<u>Final Qualification Phase</u>	Scheduled Completion	Actual Completion
4.1. Field Test Complete	11/21/00	
4.2. System modifications reviewed and completed	11/21/00	
4.3. Final operating procedures reviewed and published	11/21/00	
4.4. Crew training complete	11/21/00	

Approved for Operation:

 Manager, LLE Experimental Operations

 LLE Mechanical Engineering

 Director, LLE Engineering Division