

**SECTION J OF CONTRACT NAS5-00133  
LIST OF ATTACHMENTS**

**B.1 DELIVERABLE REQUIREMENTS AND DELIVERY SCHEDULE**

The contractor shall support the STEREO IMPACT mission as described in Section C of this contract and shall perform and/or deliver the following:

Coded: Complete, Monthly, Late, CDR, Later than CDR

<u>Item</u>	<u>Description</u>	<u>Action Required</u>	<u>Qty.</u>	<u>Delivery Date</u>
1a	Phase A Concept Study Technical Report in accordance with Section J, Attachment A		1 original 5 copies	July 31, 2000
1b	Phase A Concept Study Cost Plan in accordance with Section J, Attachment A		1 original 5 copies	August 31, 2000
1c	Option - Bridge Phase Support in accordance with Clause H.1			August 31, 2001
2	Monthly Technical Progress Reports in accordance with Clause C.2 and section 1004	I	1H/E	monthly after PDR
3	Monthly and Quarterly NASA Financial Reports in accordance with Clauses G.1 & G.6 (see 1006)	I	1H/E	monthly and quarterly
4a	Preliminary Design Review Data Package (see 1009)	I	1H/E	30 days before PDR
4b	Preliminary Design Review (PDR)	I	1	September 2001
5a	Critical Design Review Data Package (see 1011)	I	1H/E	30 days before CDR
5b	Critical Design Review (CDR)	I	1	November 2002
6a	Instrument Pre-Environmental Review Package (see 1013)	I	1H/E	7 days before IPER Data Package
6b	Instrument Pre-Environmental Review (IPER)	I	1	September 2003
7a	Pre-Environmental Review Data Package (see 1015)	I	1H/E	7 days before PER
7b	Pre-Environmental Review (PER)	I	1	January 2005
8a	Instrument Pre-Ship Review Data Package (see 1017)	A	1H/E	7 days before IPSR
8b	Instrument Pre-Ship Review (IPSR)	I	1	August 2004
9a	Pre-Ship Review Data Package (see 1019)	I	1H/E	7 days before PSR
9b	Pre-Ship Review (PSR)	I	1	August 2005
10	Program Schedule and Progress Information (see 1021)	I	1H/E	monthly
11	Final Product Assurance Implementation Plan (see 1023)	A	1H/E	at PDR
12	Final Configuration Management Plan (see 1024)	A	1H/E	at PDR
13	Documentary Photographs (see 1025)	I	1H/E	at PSR
14a	Final Report for Phases B/C/D (see 1026)	R	1H/E	As required by clause C.2
14b	Final Report for Phase E (see 1026)	R	1H/E	As required by clause C.2

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15	Performance Specification for IMPACT (see 2001)	A	1H/E	90 days prior to PDR
16a	Preliminary Thermal and Structural Analytical Models & Report (see 2005)	I	1H/E	90 days prior to PDR
16b	<b>Final Thermal and Structural Analytical Models (see 2005)</b>	R	<b>1H/E Action</b>	<b>at IPER</b>
17a	Preliminary Failure Modes and Effects Analysis (see 2006)	I	1H/E	at PDR
17b	Final Failure Modes and Effects Analysis (see 2006) [Input only]	R	1H/E	at CDR
18a	Draft Environmental Test Plan (see 2008)	I	1H/E	30 days prior to PDR
18b	Final Environmental Test Plan (see 2008)	A	1H/E	at CDR
19	<b>Final Requirements Validation Plan (see 2009)</b>	<b>A</b>	<b>1H/E</b>	<b>at CDR</b>
20a	Draft Physical Block Diagram (see 2011)	R	1H/E	90 days prior to PDR
20b	Final Physical Block Diagram (see 2011)	R	1H/E	at CDR
21a	Draft Grounding Diagram (see 2011)	I	1H/E	90 days prior to PDR
21b	Final Grounding Diagram (see 2011)	R	1H/E	At CDR
22	<b>IMPACT Proto-Flight Model (see 3001)</b>		<b>1 Set</b>	<b>September 1, 2004</b>
23	<b>IMPACT Flight Model (see 3002)</b>		<b>1 Set</b>	<b>September 1, 2004</b>
24a	Preliminary Parts Identification List (see 3004)	R	1H/E	at PDR
24b	Final Parts Identification List (see 3004)	A	1H/E	90 days prior to CDR
25a	Preliminary Hazardous Materials List (see 3005)	R	1H/E	at PDR
25b	Final Hazardous Materials List (see 3005)	A	1H/E	90 days prior to CDR
26a	Preliminary Materials and Processes List (see 3006)	R	1 H/E	at PDR
26b	Final Materials and Processes List (see 3006)	A	1 H/E	at CDR
27	<b>Printed Wiring Board Coupons (see 3007)</b>	A	1H/E	3 week prior to use
28	Final ICD (see 3010) [This is the WAVES/IDPU ICD]	A	1 H/E	at CDR
29a	Preliminary Instrument Flight/Ground Software Development and Management Plan (see 4001)	R	1H/E	at PDR
29b	Final Instrument Flight/Ground Software Development and Management Plan (see 4001)	A	1H/E	at CDR

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30	Mechanical Ground Support Equipment (see 5001)		1 set	30 days prior to IPSR
31	Electrical Ground Support Equipment (see 5002)		1 set	30 days prior to IPSR
32	Proto-flight Data Acceptance Package (see 6002)	A	1H/E	at IPSR
33	Flight Data Acceptance Package (see 6002)	A	1H/E	at IPSR
34	IMPACT Instrument to S/C Integration Procedure (see 6004)	A	1H/E	at IPSR
35	Plan for Data Processing (see 7001)	A	1H/E	at PDR
36a	Preliminary Experiment Users Manual (see 10001)	I	1H/E	at CDR
36b	Final Experiment Users Manual (see 10001)	A	1H/E	at PER
37	IMPACT Data Analysis Support and Data Products I 1E (see 10003)			For 2 years, beginning 30 days after launch
38	Subcontracting Plan in accordance with FAR 52.219-9			April 20, 2001
39	Semi-Annual Subcontracting Plan Reports (SF 294 and SF 295)	R	3 H	As required by Clause H.3
40	Reporting of Inventions	R	1 H	As required by Clause G.4
41	NASA Property in the Custody of Contractors (NF 1018 Report)	R	4H	As required by Clause G.8
42	MRB Decision of Nonconformances as specified in the <i>IMPACT Product Assurance Implementation Plan (IMPACT PAIP)</i>	A	1H/E	As Generated
43	Failure Reporting as specified in the <i>IMPACT Product Assurance (IMPACT PAIP)</i>	R		
	1) Notification			Orally within 24 hours
	2) Written Notification			Within 5 business days of Occurrence
	3) Status			Monthly (As part of the monthly technical report
	4) Final Report (Closeout)			At completion of necessary actions
44	IT Security Plan (see clause 1852.204-76)	A	1 H/E	TBD

Note:

R (Review) – Documents in this category are to be reviewed by the GSFC or its designated representatives in order to determine contractor effectiveness in meeting contract objectives. When Government review reveals inadequacies, the contractor may be requested to correct the inadequacies.

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I (Information) – Documents in this category are to be provided to GSFC or its designated representative for information purposes only. No Government response is required.

A (Approve) – Documents in this category require review and approval by GSFC or its designated representative prior to use or implementation. GSFC shall approve/disapprove within 10 working days of receipt. Requirements for resubmission shall be specified in letter(s) of disapproval.

H (Hardcopy) – Provide a reproducible hardcopy of submittal to NASA/GSFC, Code 460, STP Program Library, Greenbelt, MD 20771.

E (Electronic) – Provide submittal in electronic format to the STP Program Library, COTR, and Contracting Officer.