

# SPIRE

**SUBJECT:** SPIRE JPL Receivables/Deliverables List

**PREPARED BY:** J. Lilienthal

**DOCUMENT No:** SPIRE-JPL-PRJ-000628

**ISSUE:** 1.0 **Date:** 23rd February 2001

**NOT APPROVED**

**APPROVED BY:**

**Date:**

**Local Project Manager:** Jerry Lilienthal

**Project Manager:** Ken King

**Instrument Scientist:** Bruce Swinyard

**Systems Engineer:** John Delderfield

**Local Co-I:** Jamie Bock

**REFERENCE:**

ID	Outline	Task Name	H	Pre	Rec/Del	Comments	Start	Duration	Finish
1	1	Reviews					Tue 11/28/00	583 days	Tue 4/1/03
10	2	Major REC/DELS					Wed 2/14/01	1017 days	Fri 2/4/05
11	2.1	Documentation					Fri 2/23/01	1010 days	Fri 2/4/05
12	2.1.1	SPIRE Detector Subsystem Qualifica			To RAL		Mon 5/14/01	0 days	Mon 5/14/01
13	2.1.2	Environmental Requirements Docum			To RAL		Mon 3/12/01	0 days	Mon 3/12/01
14	2.1.3	Mission Assurance Plan			To RAL		Mon 3/12/01	0 days	Mon 3/12/01
15	2.1.4	Detector Subsystem Handling Plan			To RAL		Mon 11/26/01	0 days	Mon 11/26/01
16	2.1.5	Hardware Log Book			To RAL	Mate/demate; Therm. Cycle	Fri 2/1/02	0 days	Fri 2/1/02
17	2.1.6	Project Schedule			To RAL		Fri 2/23/01	0 days	Fri 2/23/01
18	2.1.7	Monthly Reports			To RAL		Fri 3/9/01	1000 days	Fri 2/4/05
19	2.2	ICDs					Mon 5/14/01	0 days	Mon 5/14/01
20	2.2.1	Harness ICD			RAL/JPL	Include anchors.	Mon 5/14/01	0 days	Mon 5/14/01
21	2.2.2	RF Module STM			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
22	2.2.3	RF Module			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
23	2.2.4	JFET Module STM			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
24	2.2.5	JFET			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
25	2.2.6	BDA STM			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
26	2.2.7	BDA			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
27	2.2.8	BoDAC Filters			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
28	2.2.9	BDA Filters			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
29	2.2.10	Grounding Diagram			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
30	2.2.11	CEA/Sap Electronics Design			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
31	2.2.12	CEA/Sap Warm Elec. Performance			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
32	2.2.13	Heater ICD			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
33	2.2.14	Thermometer ICD			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
34	2.2.15	FTS Thermal Source			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
35	2.2.16	Photometer Calibrator			RAL/JPL		Mon 5/14/01	0 days	Mon 5/14/01
36	2.3	GSE					Wed 2/14/01	241 days	Fri 2/1/02
37	2.3.1	BoDAC #1 Test Cryostat			To JPL		Wed 2/14/01	0 days	Wed 2/14/01
38	2.3.2	BoDAC #2 Test Cryostat			To JPL		Mon 4/16/01	0 days	Mon 4/16/01
39	2.3.3	BoDAC #1 Filter Set			To JPL		Thu 3/1/01	0 days	Thu 3/1/01
40	2.3.4	BoDAC #2 Filter Set			To JPL		Tue 5/1/01	0 days	Tue 5/1/01
41	2.3.5	Assembly Fixtures for BDAs			To RAL		Fri 2/1/02	0 days	Fri 2/1/02
42	2.3.6	Assembly Fixtures for JFET Modules			To RAL		Fri 2/1/02	0 days	Fri 2/1/02
43	2.3.7	Assembly Fixtures for RF Filter Modu			To RAL		Fri 2/1/02	0 days	Fri 2/1/02
44	2.3.8	Assembly Fixtures for Harness			To RAL		Fri 2/1/02	0 days	Fri 2/1/02
45	2.4	STM					Mon 4/1/02	7 days	Wed 4/10/02
46	2.4.1	STM BDA Dummy (4 ea)	785		To RAL	1.7 K Resistors	Mon 4/1/02	0 days	Mon 4/1/02
47	2.4.2	STM P/LW BDA Thermally Represent			To RAL	1.7 K Resistors	Mon 4/1/02	0 days	Mon 4/1/02
48	2.4.3	STM JFET Modules			To RAL	Non-Func	Mon 4/1/02	0 days	Mon 4/1/02
49	2.4.4	STM FTB RF Filter Modules			To RAL	Non-Func	Mon 4/1/02	0 days	Mon 4/1/02
50	2.4.5	STM FPU Filter Modules			To RAL	Non-Func	Wed 4/10/02	0 days	Wed 4/10/02
51	2.5	CQM					Fri 2/1/02	251 days	Mon 2/3/03
52	2.5.1	CQM BDA Filters			To JPL		Fri 2/1/02	0 days	Fri 2/1/02
53	2.5.2	CQM BDAs			To RAL	2 func., 3 non-func.	Tue 10/1/02	0 days	Tue 10/1/02
54	2.5.3	CQM BDAs			To JPL	Refurbish for Spares	Mon 2/3/03	0 days	Mon 2/3/03
55	2.5.4	CQM Harness			To RAL		Tue 10/1/02	0 days	Tue 10/1/02
56	2.5.5	CQM Harness			To JPL	Refurbish for Spare	Mon 2/3/03	0 days	Mon 2/3/03
57	2.5.6	CQM JFET Modules			To RAL		Tue 10/1/02	0 days	Tue 10/1/02
58	2.5.7	CQM JFET Modules			To JPL	Refurbish for Spares	Mon 2/3/03	0 days	Mon 2/3/03
59	2.5.8	CQM RF Filter Modules			To RAL		Tue 10/1/02	0 days	Tue 10/1/02
60	2.5.9	CQM RF Filter Modules			To JPL	Refurbish for Spares	Mon 2/3/03	0 days	Mon 2/3/03
61	2.5.10	Thermal Sources for FTS			To RAL		Tue 10/1/02	0 days	Tue 10/1/02
62	2.5.11	Photometer Calibrators			To RAL		Tue 10/1/02	0 days	Tue 10/1/02
63	2.5.12	Dummy Heaters and Thermometers			To RAL		Tue 10/1/02	0 days	Tue 10/1/02
64	2.6	PFM					Mon 2/3/03	187 days	Wed 10/22/03
65	2.6.1	PFM BDA Filters			To JPL		Mon 2/3/03	0 days	Mon 2/3/03
66	2.6.2	PFM BDAs			To RAL		Mon 9/22/03	0 days	Mon 9/22/03

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67	2.6.3	PFM FPU RF Filter Modules			To RAL		Wed 10/22/03	0 days	Wed 10/22/03
68	2.6.4	PFM JFET Modules			To RAL		Wed 10/22/03	0 days	Wed 10/22/03
69	2.6.5	PFM FTB RF Filter Modules			To RAL		Wed 10/22/03	0 days	Wed 10/22/03
70	2.7	Spares					Mon 2/2/04	189 days	Fri 10/22/04
71	2.7.1	Spare BDA Filters			To JPL		Mon 2/2/04	0 days	Mon 2/2/04
72	2.7.2	Spare Hardware			To RAL		Fri 10/22/04	0 days	Fri 10/22/04
73	2.8	RAL Milestones					Mon 9/2/02	63 days	Mon 12/2/02
74	2.8.1	STM Interim Test Review					Mon 9/2/02	0 days	Mon 9/2/02
75	2.8.2	STM De-Integrated, shipped back to .					Mon 12/2/02	0 days	Mon 12/2/02
76	3	Feedhorn Development					Mon 12/11/00	109 days	Fri 5/18/01
93	4	CQM Design Development Activities					Mon 2/21/00	486 days	Fri 1/25/02
146	5	Bolometer Design and Fabrication					Thu 5/11/00	717 days?	Thu 3/20/03
686	6	Harnesses					Fri 11/10/00	25 days?	Mon 12/18/00
707	7	JFET Design and Fabrication					Tue 8/1/00	466 days	Mon 6/10/02
856	8	Mechanical Hardware Dsn. & Dev.					Thu 5/11/00	1208 days	Fri 2/4/05
1136	9	Testing Program					Thu 5/11/00	562 days?	Fri 8/2/02