IMPACT Subsystem Milestones

SIT - Suprathermal Ion Telescope

Work in Progress

Page 1 of 3 2/28/03

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		Requir							20	03	}									20	04	<u> </u>			
ITEM	EVENT	Action	N	D	J F	M	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	의
1	FM 1 Door Fabricated				3/10		<u> </u>	4/4																	
2	FM 2 Door Fabricated				3/10		>	4/4																	
3	FM 1 Housing Fabricated				3/17		\bigcirc	4/11																	
4	FM 1 Electronics Enclosure Fabricated				3/17		$\langle \rangle$	4/11																	
5	FM 2 Housing Fabricated				3/17		\bigcirc	4/11 																	
6	FM 2 Electronics Enclosure Fabricated				3/17		\bigcirc	4/11																	
7	FM 1 Energy Board Fabricated				3/18			4/14	4																
8	FM 2 Energy Board Fabricated				3/18			4/14	4																
9	FM 1 HVPS Ava <mark>il</mark> able				3/3		7	4/	25																
10	Flight Logic Boards Fabricated				4	/8			5/5																
11	FM 1 Telescope Assembled				4/	11			5/8																
12	FM 2 Telescope Assembled				4/	11			5/8																
13	FM 1 Energy Board Assembled				2	4/21	V	7	5/1	6															
14	FM 2 Energy Board Assembled					4/21	V	7	5/1	6															
15	Flight Mother Boards Fabricated				4	4/21	V	7	5/1	6 															
16	On-board Flight S/W Validated					4/25			> 5/2	22															
17	FM 1 Energy Board Tested					5/1	12	K	\supset	6/9															
18	FM 1 Logic Board Assembled w/ETU ACTEL					5/1	13		\bigcirc	6/10															
19	FM 2 Logic Board Assembled w/ETU ACTEL	(SEC				5/1	13		\bigcirc	6/10															
20	Flight Mother Boards Assembled					5	5/23	M		6/2	:0														

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Page 2 of 3 2/28/03

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ITEM	EVENT	Action	N	D	JI	F	М	Α	M	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s c	2
21	FM 1 Mother Board Functionally Tested							6/	2 \	$\sqrt{}$	\geq	6/27														
22	FM 2 Energy Board Tested							6/	3 \		\nearrow	6/30														
23	FM 1 Logic Board w/ETU ACTEL Functionally							6/	4 \		\nearrow	7/1														
24	FM 1 HVPS Funtionally Tested							6	5/9 [\]	V	7/\	 7/7 														
25	Deliver EM for SEP EM I & T							6/	/13	V																
26	FM 1 Telescope Fit Tested							6	/16			7/	 14 													
27	FM 2 Logic Board w/ETU ACTEL Functionally								6/25	5	/	>7	//23 													
28	FM 2 Mother Board Functionally Tested								6/27	7	X		/ 7/25													
29	FM 1 Digital TOF Boards Available									 7/21 		7														
30	FM 2 Digital TOF Boards Available									7/2	8.	$\sqrt{}$														
31	FM 2 Analog TOF Boards Available									7/2	8.	7														
32	FM 1 Analog TOF Boards Available									7/2	8 \	7														
33	FM 2 HVPS Available									8	3/5			9/2												
34	FM 1 TOF Boards Functional Test Complete									8	 	\bigvee	7													
35	FM 2 HVPS Functionally Tested									8	 3/12 			9/9												
36	FM 1 Integrated									8	3/13															
37	FM 2 Telescope Fit Tested										8/19		K	9/	16 											
38	FM 2 TOF Boards Functional Test Complete										8/2	26	7													
39	FM 2 Integrated	15EC									8/2	78 1		9/	18											
40	FM 2 Tested											10)/3 	X	1	0/24										

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Work in Progress

Page 3 of 3 2/28/03

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42 FN 43 FN 44 FN 45 FN 46 FN 47 FN 48 D0 49 FN	EVENT	Requir Action	N	D	J	FN	<u>и</u> Г	A				s	0	N	D	J	F	М		004		Α	s	<u> </u>
41	FM 2 Environmentally Tested								-	-		10/27	7			/17	-				-			_
42	FM 1 Environmentallyl Tested												12	2/16										
43	FM 1 Logic Board Assembled w/Flight ACTEL												1	2/23	Ţ	7								
44	FM 2 Logic Board Assembled w/Flight ACTEL												1	2/23		7								
45	FM 1 Logic Board w/Flight ACTEL Functionally												1	12/26		7								
46	FM 2 Logic Board w/Flight ACTEL Functionally												1	12/26	3	7								
47	FM 1 Ready for Delivery													1,	/2	$\overline{\mathcal{I}}$								
48	Deliver FM 1 for SEP I & T													1	/6	7								
49	FM 2 Rea <mark>dy</mark> for Delivery													1	/15		7							
50	Deliver FM 2 for SEP I & T													1	/15		7							
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UUB	U of MI - JHU/APL - MPAe - U of Mol - CESR/CNRS - ESA/ESTEC -	ote																						