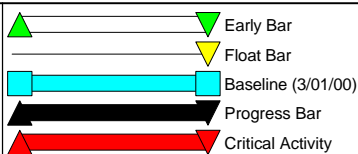


Start Date 27APR99
 Finish Date 31DEC07
 Data Date 07JUL00
 Run Date 24JUL00 15:23



ASPC

Sheet 1 of 32

Southwest Research Institute
 ASPERA-3 Development
 Status as of 7 July, 2000
 - All Activity -



Date	Revision	Checked	Approved
04OCT99	Schedule Baseline	BH	JS
25FEB00	Removed B&B Bridge Phase	BH	JS
07APR00	Incorp Add'l Proto A1&T & C	BH	JS
05MAY00	Validated Budget w/ 4Oct99	BH	

Activity ID	Activity Description	Dur (D)	%	Start	Finish	TF	2000																																											
							MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC																																		
5.2 Mechanical Design							28	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27	4	11	18	25
Subtotal		258	99	09JUL99A	14JUL00	15																																												
5.2.1 ELS Mechanical Design																																																		
Subtotal		253	100	09JUL99A	07JUL00	30																																												
ME2105	Review & Update MEDUSA Design	20	100	09JUL99A	23JUL99A																																													
ME2110	Conceptual ELS Mechanical Layout	84	100	26JUL99A	19NOV99A																																													
ME2115	Generate ProEngineer Model	36	100	05NOV99A	10DEC99A																																													
ME2145	Alignment Study - Bridge	15	100	24JAN00A	29FEB00A																																													
ME2146	Alignment Study - Phase C	37	100	01MAR00A	01MAY00A																																													
ME2140	Update ELS ProEnginer Model	25	100	06MAR00A	07APR00A																																													
ME2117	Modify Drawings for STM	10	100	03MAY00A	24MAY00A																																													
5.2.1.1 ELS Housing Design																																																		
Subtotal		163	97	15NOV99A	07JUL00	30																																												
ME2143	Design ELS Prototype Housing	5	100	15NOV99A	03DEC99A																																													
ME2144	ELS Proto Housing Detailed Drawing Package	10	100	06DEC99A	11JAN00A																																													
ME2148	ELS FU Housing Detailed Drawing Package	10	100	06MAR00A	13MAR00A																																													
ME2147	Develop ELS Housing MPS (for Plating Only)	2	50	23MAR00A	07JUL00	30																																												
ME2150	ELS Mechanical Drawing Review & Signoff	3	100	21APR00A	25APR00A																																													
5.2.1.2 ELS Mech Details Design																																																		
Subtotal		76	100	22NOV99A	13MAR00A																																													
ME2123	Design ELS Prototype Mech Details	5	100	22NOV99A	30NOV99A																																													
ME2124	ELS Proto Mech Details Detailed Drawing Package	57	100	06DEC99A	17FEB00A																																													
ME2126	ELS Proto Mech Parts Plating Fixtures	10	100	17JAN00A	28JAN00A																																													
ME2125	ELS Fit. Mechanical Design Mods	3	100	02MAR00A	10MAR00A																																													
ME2129	Develop ELS Mech Details MPS's	2	100	07MAR00A	13MAR00A																																													
ME2127	ELS Fit. Mech Detail Drawings	5	100	09MAR00A	13MAR00A																																													
5.2.1.3 ELS MCP Holder Design																																																		
Subtotal		125	100	26OCT99A	24APR00A																																													
ME2132	Design ELS Prototype MCP Holder	73	100	26OCT99A	11FEB00A																																													
ME2133	ELS Proto MCP Holder Detailed Drawing Package	20	100	07FEB00A	18FEB00A																																													
ME2135	ELS FM MCP Holder Design Mods	10	100	06MAR00A	10MAR00A																																													
ME2137	ELS Fit. MCP Holder Detail Drawings	10	100	20MAR00A	31MAR00A																																													
ME2139	Develop ELS Fit. MCP Holder MPS	2	100	23MAR00A	24APR00A																																													

Activity ID	Activity Description	Dur (D)	%	Start	Finish	TF	2000																																											
							MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC																																		
7.01 Software Requirements							28	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27	4	11	18	25
Subtotal		317	59	01OCT99A	04JAN01	0																																												
SW0005	ASPERA-3 Software Develop Plan (SDP)	61	100	01OCT99A	17DEC99A																																													
SW0110	Revise ITAR Guidelines for Int'l Data Xfer	70	100	01OCT99A	17JAN00A																																													
SW0115	Devise WWW Security for Data & S/W Xfer	41	100	02NOV99A	17JAN00A																																													
SW0120	Create Web Based IDFS Tools - Bridge	81	100	02NOV99A	29FEB00A		Create Web Based IDFS Tools - Bridge																																											
SW0122	Program Data Management Plan (PDMP) - Bridge	72	100	15NOV99A	29FEB00A		Program Data Management Plan (PDMP) - Bridge																																											
SW0125	Define & Document IDFS Creation Req'mts.	37	100	10JAN00A	29FEB00A		Define & Document IDFS Creation Req'mts.																																											
SW0120C	Create Web Based IDFS Tools	129*	70	01MAR00A	30AUG00	0	Create Web Based IDFS Tools																																											
SW0122C	Program Data Management Plan (PDMP)	48	100	01MAR00A	05MAY00A		Program Data Management Plan (PDMP)																																											
SW0125C	Define & Document IDFS Creation Req'mts.	210*	43	01MAR00A	28DEC00	0																																												
SW0130	Define & Document IDFS Processing Req'mts.	130*	21	30MAY00A	01DEC00	40																																												
SW0135	IDFS Creation Req'mts Reviews	80	0	31AUG00	27DEC00	19	IDFS Creation Req'mts Reviews																																											
SW0140	IDFS Processing System Req'mts Reviews	80	0	31AUG00	27DEC00	19	IDFS Processing System Req'mts Reviews																																											
SW0145	IDFS Req'mts Document Deliverable.	5	0	28DEC00	04JAN01	19	IDFS Req'mts Document Deliverable.																																											
7.02 ELS IDFS Software Development																																																		
Subtotal		262	0	24OCT00	05NOV01	386																																												
7.02.1 ELS IDFS Software Design																																																		
Subtotal		132	0	24OCT00	02MAY01	420																																												
SW0205	ELS Software Design	120	0	24OCT00	16APR01	420	ELS Software Design																																											
SW0210	ELS Software Design Reviews	45	0	27FEB01	30APR01	420																																												
SW0215	ELS Software Design Validation	2	0	01MAY01	02MAY01	420																																												
7.02.2 ELS IDFS Software Implementation																																																		
Subtotal		91	0	03MAY01	11SEP01	420																																												
SW0220	ELS Software Coding	40	0	03MAY01	28JUN01	420																																												
SW0225	ELS Code Reviews	30	0	31JUL01	11SEP01	420																																												
7.02.3 ELS IDFS Software Test																																																		
Subtotal		45	0	04SEP01	05NOV01	386																																												
SW0230	ELS IDFS Test Plan Development	40	0	04SEP01*	29OCT01	386																																												
SW0235	ELS IDFS Software Verification Testing	5	0	30OCT01	05NOV01	386																																												
7.03 IMA IDFS Software Development																																																		
Subtotal		340	0	24OCT00	28FEB02	308																																												

Activity ID	Activity Description	Dur (D)	%	Start	Finish	TF	2000																																											
							MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC																																		
C Education & Public Outreach (EPO)							8	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27	4	11	18	25
EPO0210C	EPO - SwRI / Lewis	172*	52	01MAR00A	31OCT00	0																																												
EPO0220	EPO - SwRI / Mukherjee	1,265	0	02OCT00*	30SEP05	0																																												
EPO0230	EPO - SwRI / Student	1,517	0	02OCT00*	29SEP06	0																																												
EPO0240	EPO - SwRI / YES	760	0	01OCT01*	30SEP04	0																																												