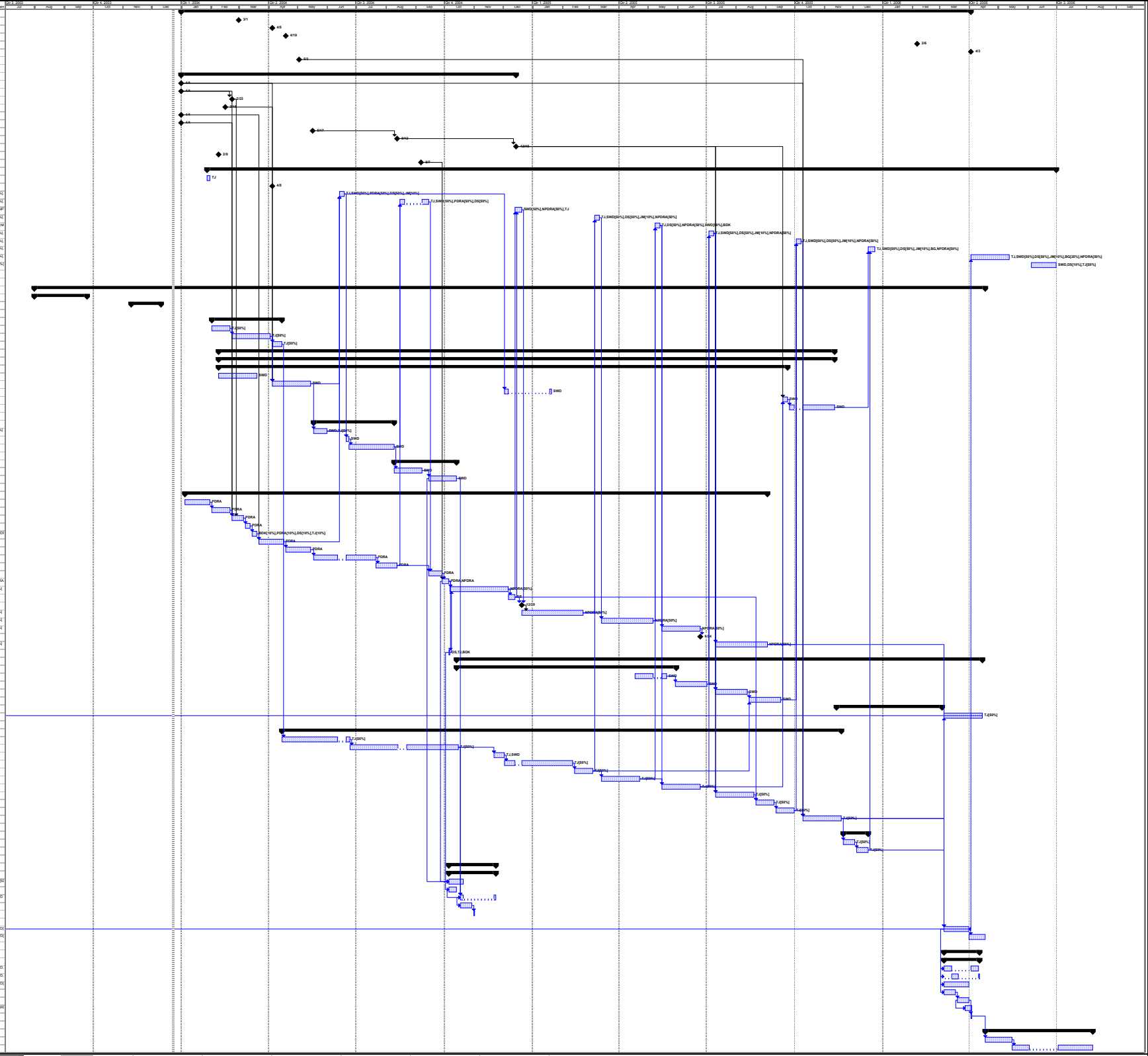
ID	Task Name	Duration	Start	Finish	Predecessors	Resource Name
1	**External dependencies**	**571 days**	**Thu 1/1/04**	**Mon 4/3/06**		
2	Instrument setup algorithm delivered	0 days	Mon 3/1/04	Mon 3/1/04		BDK
3	Dream reduction task done	0 days	Mon 4/5/04	Mon 4/5/04		BDK
4	STARE reduction task done	0 days	Mon 4/19/04	Mon 4/19/04		BDK
5	SCUBA-2 ready for DR SW integration	0 days	Mon 2/6/06	Mon 2/6/06		
6	SCUBA-2 ready for on-site commissioning	0 days	Mon 4/3/06	Mon 4/3/06		
7	Polarimeter Observing Mode defined	0 days	Mon 5/3/04	Mon 5/3/04		
8						
9	**Simulator**	**239 days**	**Thu 1/1/04**	**Wed 12/15/04**		
10	Agreement on ICD	0 days	Thu 1/1/04	Thu 1/1/04		
11	Support for external data input	0 days	Thu 1/1/04	Thu 1/1/04		BDK
12	Add scanning to the simulator	0 days	Mon 2/23/04	Mon 2/23/04	11	BDK
13	Re-write simulator to match ICD	0 days	Mon 2/16/04	Mon 2/16/04		BDK
14	Model updates	0 days	Thu 1/1/04	Thu 1/1/04		BDK
15	Pixel heater modeling	0 days	Thu 1/1/04	Thu 1/1/04		BDK
16	Prototype array testing start	0 days	Mon 5/17/04	Mon 5/17/04		
17	Prototype array testing complete	0 days	Thu 8/12/04	Thu 8/12/04	16FS+60 days	
18	Improved simulator based on array testing	0 days	Wed 12/15/04	Wed 12/15/04	17	
19	Hire SWD	0 days	Mon 2/9/04	Mon 2/9/04		JM
20	Hire NPDRA	0 days	Tue 9/7/04	Tue 9/7/04		JM
21	**Internal Reviews**	**619 days**	**Wed 1/28/04**	**Fri 6/30/06**		
22	Visit 1(interview)	3 days	Wed 1/28/04	Fri 1/30/04		TJ
23	Visit 2 (Contingency only)	0 days	Mon 4/5/04	Mon 4/5/04		TJ
24	Visit 3 (Review Proto QL,Toolkit, Map Progress)	5 days	Mon 9/14/04	Fri 9/18/04	52,72,58	TJ,SWD[50%],
25	Visit 4 Review strip chart impl'n, crosslinking	10 days	Mon 8/16/04	Tue 9/14/04	60,75	TJ,SWD[50%],
26	Visit 5 Review Crosslinking schemes,Matrix inv. schen	5 days	Tue 12/14/04	Mon 12/20/04	76,79	SWD[50%],NP
27	Visit 6 Review Matrix inv scheme I,on-line primitives,	5 days	Mon 3/7/05	Fri 3/11/05	81,91,109	TJ,SWD[50%],
28	Review at ATC Matrix inv schemes,all on-line primitiv	5 days	Mon 5/9/05	Fri 5/13/05	82,92,110	TJ,DS[50%],N
29	Visit 7 Review Scan mode strategy,primitives,algorith	5 days	Mon 7/4/05	Fri 7/8/05	95,111	TJ,SWD[50%],
30	Visit 8 Review Scan Mode,on-line primitives, extint co	5 days	Mon 10/3/05	Fri 10/7/05	85,97,114	TJ,SWD[50%],
31	Visit 9 Review FTS Infrastr.QL Scan, off-line prim,	5 days	Fri 12/16/05	Fri 12/23/05	119,55,99	TJ,SWD[50%],
32	Visit 10 Integration work, debugging	30 days	Mon 4/3/06	Fri 5/12/06	129	TJ,SWD[50%],
33	Contingency Review/rework at Hilo	20 days	Mon 6/5/06	Fri 6/30/06		SWD,DS[10%],T
34						
35						
36	**DR SW**	**691 days**	**Fri 8/1/03**	**Mon 4/17/06**		
37	**SW POR**	**39 days**	**Fri 8/1/03**	**Wed 9/24/03**		
38	**Delta POR**	**23 days**	**Mon 11/10/03**	**Wed 12/10/03**		
39						
40	**Architecture**	**53 days**	**Mon 2/2/04**	**Wed 4/14/04**		
41	Data Detection	15 days	Mon 2/2/04	Fri 2/20/04		TJ[50%]
42	Add SCUBA-2 to ORAC-DR	30 days	Mon 2/23/04	Fri 4/2/04	45	TJ[50%]
43	Recipe switching	8 days	Mon 4/5/04	Wed 4/14/04	46	TJ[50%]
44	**Display**	**446 days**	**Mon 2/9/04**	**Fri 11/11/05**		
45	**QuickLook**	**446 days**	**Mon 2/9/04**	**Fri 11/11/05**		
46	**DREAM/STARE**	**411 days**	**Mon 2/9/04**	**Fri 9/23/05**		
47	Learn Starlink system	30 days	Mon 2/9/04	Fri 3/19/04		SWD
48	Proto	30 days	Mon 4/5/04	Fri 5/14/04	46,13,10	SWD
49	Update Proto (Contingency)	4 days	Fri 12/3/04	Thu 12/9/05	24	SWD
50	Final	5 days	Mon 9/19/05	Fri 9/23/05	111,97,18	SWD
51	SCAN	30 days	Mon 9/26/05	Fri 11/11/05	54	SWD
52						
53	**Stripchart**	**87 days**	**Tue 5/18/04**	**Mon 8/9/04**		
54	Investigate toolkit	10 days	Tue 5/18/04	Mon 5/31/04	52	SWD,TJ[50%]
55	Update toolkit (contingency)	3 days	Mon 8/2/04	Wed 8/23/04	58,24	SWD
56	Implement stripchart	30 days	Thu 6/24/04	Mon 8/9/04	59	SWD
57						
58	**Movie**	**45 days**	**Tue 8/10/04**	**Wed 10/13/04**		
59	On-line movie	20 days	Tue 8/10/04	Tue 9/7/04	60	SWD
60	Off-line movie	20 days	Wed 9/15/04	Wed 10/13/04	63	SWD
61						
62	**SCAN mode investigation**	**421 days**	**Mon 1/5/04**	**Fri 9/2/05**		
63	Training	20 days	Mon 1/5/04	Fri 1/30/04		PDRA
64	Preliminary contingency work	15 days	Mon 2/2/04	Fri 2/20/04	67	PDRA
65	Investigate simple baseline removal	10 days	Mon 3/22/04	Fri 3/26/04	12,15,11,68	PDRA
66	Plan testing strategy	5 days	Mon 3/8/04	Fri 3/12/04	69	PDRA
67	Review/approve testing strategy	5 days	Mon 3/15/04	Fri 3/19/04	70	BDK[10%],PDR
68	Simple cross-linking schemes Ia	20 days	Mon 3/22/04	Fri 4/16/04	14,71	PDRA
69	Simple cross-linking schemes Ib	20 days	Mon 4/19/04	Fri 5/14/04	72	PDRA
70	Contingency work with SWD if req'd	40 days	Tue 5/18/04	Wed 7/21/04	73	PDRA
71	Work on the report	15 days	Thu 7/22/04	Thu 8/12/04	74	PDRA
72	Simple cross-linking schemes update (Cont)	10 days	Wed 8/15/04	Tue 8/28/04	25,75	PDRA
73	Finish report	5 days	Wed 9/29/04	Tue 10/5/04	76,20	PDRA,NPDRA
74	Simple cross-linking schemes II	40 days	Thu 10/7/04	Mon 12/6/04	77,86	NPDRA[50%]
75	Matrix inversion schemes proposal	5 days	Tue 12/7/04	Mon 12/13/04	78	DS
76	Decide on online data reduction algorithm	0 days	Mon 12/20/04	Mon 12/20/04	79,26	DS,BDK,TJ
77	Matrix inversion schemes I	40 days	Tue 12/21/04	Tue 2/22/05	80	NPDRA[50%]
78	Matrix inversion schemes	40 days	Mon 3/14/05	Fri 5/6/05	81,27	NPDRA[50%]
79	Complete Matrix inversion schemes	30 days	Mon 5/16/05	Fri 6/24/05	82,28	NPDRA[50%]
80	Propose off-line algorithm	0 days	Fri 6/24/05	Fri 6/24/05	83	DS
81	Optimisation based on improved simulation	40 days	Mon 7/11/05	Fri 9/2/05	18,29	NPDRA[50%]
82	**Decision on optimal scanning technique**	1 day	Wed 10/6/04	Wed 10/6/04	77	DS,TJ,BDK
83	**Primitives/recipes**	**304 days**	**Thu 10/14/04**	**Fri 4/14/06**		
84	**On-line primitives**	**155 days**	**Thu 10/14/04**	**Mon 5/30/05**		
85	Mosaicing primitives	20 days	Mon 4/18/05	Fri 5/20/05	92	SWD
86	Calibration primitives	25 days	Mon 5/30/05	Fri 7/1/05	94FS+5 days	SWD
87	Data quality parameters	25 days	Mon 7/11/05	Fri 8/12/05	95,29	SWD
88	Skydip primitive	25 days	Mon 8/15/05	Fri 9/16/05	96,109	SWD
89	**Off-line primitives**	**80 days**	**Mon 11/14/05**	**Fri 3/3/06**		
90	Write Polarimetry primitives	30 days	Mon 3/6/06	Fri 4/14/06	101,115	TJ[50%]
91						
92	**Algorithms Development**	**403 days**	**Thu 4/1/04**	**Fri 11/18/05**		
93	Investigate C version of HDX/NDX	45 days	Thu 4/1/04	Thu 6/24/04	47	TJ[50%]
94	Write Algorithm infrastructure I	70 days	Fri 6/25/04	Fri 10/1/04	105	TJ[50%]
95	Test Algorims	9 days	Mon 11/22/04	Thu 12/2/04	106,89	TJ,SWD
96	Write Algorithm infrastructure II	40 days	Fri 12/3/04	Fri 2/11/05	107	TJ[50%]
97	Port the SURF skydip	15 days	Mon 2/14/05	Fri 3/4/05	108	TJ[50%]
98	Port the SURF regridder I	30 days	Mon 3/14/05	Fri 4/22/05	109	TJ[50%]
99	Port the SURF regridder II	30 days	Mon 5/16/05	Fri 6/24/05	110,28	TJ[50%]
100	Scan Map despiking	30 days	Mon 7/11/05	Fri 8/19/05	18,111,29	TJ[50%]
101	Integrate scanmap algorithm	15 days	Mon 8/22/05	Fri 9/9/05	79,112	TJ[50%]
102	Extinction correction	15 days	Mon 9/12/05	Fri 9/30/05	113	TJ[50%]
103	Polarimetry pre-processing	30 days	Mon 10/10/05	Fri 11/18/05	114,10,7,30	TJ[50%]
104						
105	**FTS Infrastructure support**	**30 days**	**Mon 11/21/05**	**Fri 12/16/05**		
106	ADD SCAP to ORAC-DR	10 days	Mon 11/21/05	Fri 12/2/05	115	TJ[50%]
107	Add SPLAT	10 days	Mon 12/5/05	Fri 12/16/05	118	TJ[50%]
108						
109	**CDR**	**32 days**	**Wed 10/6/04**	**Tue 11/23/04**		
110	**Prepare Documentation**	**32 days**	**Wed 10/6/04**	**Tue 11/23/04**		
111	Science	10 days	Wed 10/6/04	Wed 10/20/04	77SS,86SS,84SS	TJ[50%],DS[50
112	Project Management	5 days	Wed 10/6/04	Wed 10/13/04	123SS	JM
113	Test results	5 days	Mon 10/18/04	Tue 11/23/04	124SS,84,106	TJ[50%],SWD
114	Review CDR Documentation	10 days	Mon 10/18/04	Fri 10/29/04	125SS	
115	Hold CDR	1 day	Mon 11/1/04	Mon 11/1/04	126	
116						
117	Integration Testing and Verification	20 days	Mon 3/6/06	Fri 3/31/06	119,115,101,85,1	TJ[50%],SWD
118	Contingency Testing and Verification	11 days	Fri 3/31/06	Mon 4/17/06	129	TJ[50%],SWD
119						
120	**ARR**	**27 days**	**Mon 3/6/06**	**Tue 4/11/06**		
121	**Prepare Documentation**	**27 days**	**Mon 3/6/06**	**Tue 4/11/06**		
122	Science	12 days	Mon 3/6/06	Mon 4/10/06	129SS	TJ[50%],SWD,
123	Test results	6 days	Mon 3/6/06	Tue 4/11/06	134SS	TJ[50%],SWD,
124	Customer Support	20 days	Mon 3/6/06	Fri 3/31/06	135SS	TJ[50%],SWD,
125	Project Management	10 days	Mon 3/6/06	Fri 3/17/06	136SS	JM
126	Review ARR documentation	10 days	Mon 3/20/06	Fri 3/31/06	137	
127	Trip to the UK	5 days	Mon 3/27/06	Mon 4/3/06	138SS+5 days	TJ,DS,JM,SWD
128	Hold ARR	1 day	Mon 4/3/06	Mon 4/3/06	138	
129						
130	**Commissioning**	**80 days**	**Tue 4/18/06**	**Mon 8/7/06**		
131	Pre-delivery testing and verification (Contingency)	20 days	Tue 4/18/06	Mon 5/15/06	140	SWD
132	On-site commissioning support (contingency)	40 days	Tue 5/16/06	Mon 8/7/06	143	SWD



Project: DR_Project-98
Date: Tue 12/23/03

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestones | Progress | External Milestone | Deadline