

Documentation for Delay Line Final Design Review - 12 Feb 2008

Notes:

Anything marked in Status as [TBU] is definitely 'To Be Updated'

'Expected Date' refers to the expected date of release where this is likely to be different from the due date.

"For Information" FDR Documents

Category/Document	Document No.	Responsible	Due Date	Expected Date	Status
Design Documentation					
Trolley concept description	INT-406-VEN-0100		6 July 07	-	Complete
Control Software Architecture	INT-406-VEN-0101	JSY	6 July 07	-	Released
Trolley Software Functional Description	INT-406-VEN-0102	EBS	6 July 07	-	Released
Workstation Software Functional Description	INT-406-VEN-0103	JSY	6 July 07	-	Released
VME Software Functional Description	INT-406-VEN-0104	RCB	22 Jan 08	22 Jan 08	Released [TBU]
Shear Camera Software Functional Description	INT-406-VEN-0105	EBS	6 July 07	-	Released
Requirements					
Top-level Requirements	INT-406-TSP-0002	FS	6 July 07	-	Updated by FS

FDR Documents for Review – Systems I - Top Level:

Category/Document	Document No.	Responsible	Due Date	Expected Date	Status
Schedule					
Schedule and budget overview	INT-406-VEN-0106	DFB	22 Jan 08	29 Jan 08	Yet to be drafted
Requirements					
Derived Requirements	INT-406-VEN-0107	DFB	22 Jan 08	22 Jan 08	Drafted
Test Results					
List of tests	INT-406-VEN-0108	DFB	22 Jan 08	22 Jan 08	Drafted
Performance Test Results	INT-406-VEN-0109	MF	22 Jan 08	29 Jan 08	Yet to be drafted
Acceptance Tests					
Production trolley Acceptance Test Plan	INT-406-VEN-0110	DFB	22 Jan 08	29 Jan 08	Yet to be drafted

FDR Documents for Review – Design Documents:

Category/Document	Document No.	Responsible	Due Date	Expected Date	Status
Design Drawings					
Trolley		XS	22 Jan 08	11 Jan 08	Updated
Delay Line Pipes and Supports		XS	8 Jan 08	8 Jan 08	Released
Metrology Layout (for Magdalena Ridge)		XS	22 Jan 08	22 Jan 08	3-D design completed
Design Documentation					
Trolley Mechanical Design Description	INT-406-VEN-0111	MF/XS/DMAW	6 July 07	22 Jan 08	Released. [TBU]
Trolley Electronics Design Description	INT-406-VEN-0112	MF/RCB/DMAW/EBS	22 Jan 08	22 Jan 08	Released. [TBU]
Metrology System & VME Hardware Design Description (inc. test rig)	INT-406-VEN-0113	RCB/XS	22 Jan 08	22 Jan 08	Yet to be drafted
Metrology Laser Choice	INT-406-VEN-0114	CAH?	22 Jan 08	29 Jan 08	Yet to be drafted
Delay Line Pipes and Supports Design Description	INT-406-VEN-0115	MF/XS/DMAW	22 Jan 08	22 Jan 08	Yet to be drafted
Limits Design Description	INT-406-VEN-0116	MF	22 Jan 08	22 Jan 08	Released. [TBU]
Proposed design revisions	INT-406-VEN-0117	MF	22 Jan 08	22 Jan 08	Yet to be drafted
Component Documentation					
Component Lists	INT-406-VEN-0118	MF	22 Jan 08	29 Jan 08	Drafted [TBU]
Handling					
Proposed delay line tools, jigs and handling procedures	INT-406-VEN-0119	MF/XS/DMAW	22 Jan 08	29 Jan 08	Yet to be drafted

FDR Documents for Review – Systems II:

Category/Document	Document No.	Responsible	Due Date	Expected Date	Status
Documentation Plan					
MRO Delay Line Documentation Plan	INT-406-VEN-0120	MF	22 Jan 08	22 Jan 08	In draft
Risk and Hazard Assessment					
Risk and Hazard document	INT-406-VEN-0121	MF	22 Jan 08	22 Jan 08	Drafted [TBU]
Interface Control					
ICD: Delay line to Beam Relay system	INT-406-VEN-0008	MF	6 Nov 07	-	Released
ICD: Delay line to BCF infrastructure (building)	INT-406-VEN-0009	MF	21 Dec 07	22 Jan 08	In draft
ICD: Delay line to metrology system	INT-406-VEN-0010	MF	6 Nov 07	-	Released
ICD: Delay line to vacuum system	INT-406-VEN-0011	MF	22 Jan 08	22 Jan 08	In draft
ICD: Metrology System to BCF	INT-406-VEN-0012	MF	6 Nov 07	-	Released
ICD: Metrology System to Beam Relay System	INT-406-VEN-0013	MF	6 Nov 07	-	Released

Programme – Internal Review

Category/Document	Document No.	Responsible	Due Date	Expected Date	Status
Schedule					
Schedule for delivery of 1st production trolley	INT-406-VEN-0122	DFB	22 Jan 08	29 Jan 08	Yet to be drafted
Schedule for Campus Acceptance Tests	INT-406-VEN-0123	DFB	22 Jan 08	29 Jan 08	Yet to be drafted
Contract Deliverables List	INT-406-VEN-0124	DFB	22 Jan 08	29 Jan 08	Exists in contact
Production Phase Budgets?	INT-406-VEN-0125	DFB	22 Jan 08	29 Jan 08	Yet to be drafted
NOTE: The above four documents may be combined into one document for convenience					