Agenda - Day 1

		West Coast		East Cost	
		Start	End	Start	End
Introduction/Schedule	Johnston	9:00 AM	9:10 AM	12:00 PM	12:10 PM
Instrument					
CCD Procurement Status	Vassar	9:10 AM	9:40 AM	12:10 PM	12:40 PM
Opto-Thermal Mechanical Stability Study	Dineen/Read	9:40 AM	10:25 AM	12:40 PM	1:25 PM
Instrument PSF/Aperture Trades	Horner/Huff	10:25 AM	11:25 AM	1:25 PM	2:25 PM
Data Simulation Results	Monet	11:25 AM	12:10 PM	2:25 PM	3:10 PM
Lunch Break		12:10 PM	12:40 PM	3:10 PM	3:40 PM
CCD Testing	Aamodt	12:40 PM	1:40 PM	3:40 PM	4:40 PM
Instrument Clock	Aamodt	1:40 PM	2:10 PM	4:40 PM	5:10 PM
Documentation/ Document Tree Assignments	Johnson	2:10 PM	2:25 PM	5:10 PM	5:25 PM
Science Requirements Document	Seidelmann	2:25 PM	2:40 PM	5:25 PM	5:40 PM
Mission Requirements Document	Johnson	2:40 PM	2:55 PM	5:40 PM	5:55 PM
Publication Policy	Seidelmann	2:55 PM	3:10 PM	5:55 PM	6:10 PM
Side Meetings/ Mechanical, etc.	All	3:10 PM	5:10 PM	6:10 PM	8:10 PM

Indicates VTC connectivity

Agenda - Day 2

		West Coast		East Cost	
		Start	End	Start	End
Science/Mission Requirements					
Photometry Band Issues	Seidelmann	9:00 AM	9:15 AM	12:00 PM	12:15 PM
Star Position Measurment Accuracy	Johnston	9:15 AM	9:35 AM	12:15 PM	12:35 PM
Error Budget - Outline	Johnson	9:35 AM	10:05 AM	12:35 PM	1:05 PM
Observation Requirements	Murison	10:05 AM	10:50 AM	1:05 PM	1:50 PM
Solar Array/Sun Shield Trades	Mader	10:50 AM	11:35 AM	1:50 PM	2:35 PM
MO & DA	Gaume	11:35 AM	12:20 PM	2:35 PM	3:20 PM
Web Site	Gaume	12:20 PM	12:35 PM	3:20 PM	3:35 PM
Lunch Break		12:35 PM	1:05 PM	3:35 PM	4:05 PM
Side Meetings	All	1:05 PM	3:05 PM	4:05 PM	6:05 PM

Indicates VTC connectivity

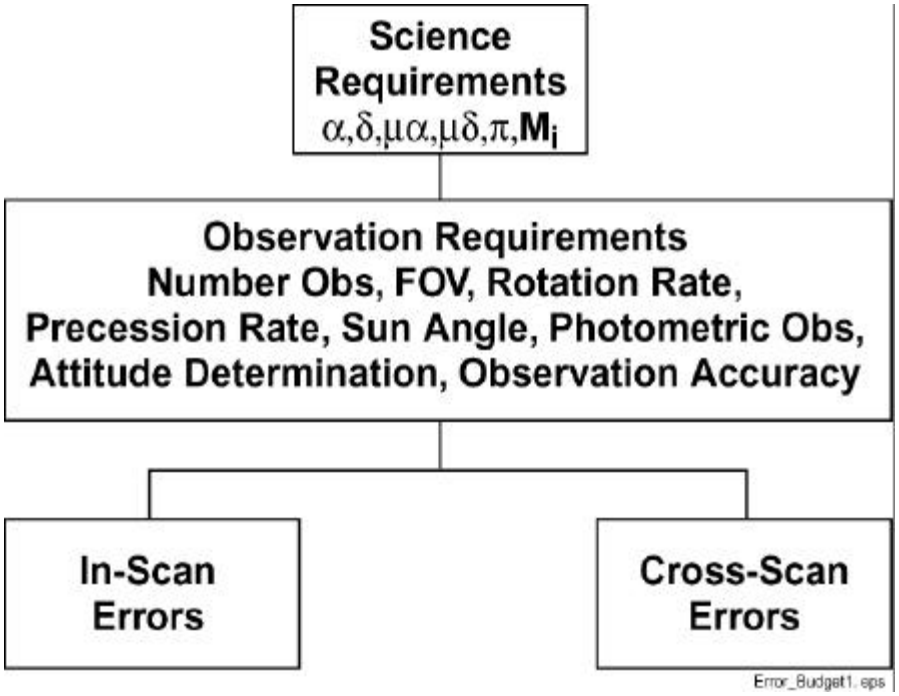
Deliverables List (1 of 2)

Document Name	Number	SRR	PDR	CDR	PER	PSR	FRR	Assignee	Status
Science Requirements Document	NCST-D-FM001	Final						K. Seidelmann	
Mission Requirements Document	NCST-D-FM002	Final						M. Johnson	Draft distributed at TIM, 5/9-5/10/00
Project Management Plan	NCST-D-FM003	Final						M. Johnson	Draft
Systems Engineering Management Plan (SEMP)	NCST-D-FM004	Prel.	Final					M. Johnson	Outline
Product Assurance Plan	NCST-D-FM005	Prel.	Final					B. Mann	
SR&QA Plan	NCST-D-FM006	Prel.	Final					B. Mann	
Contamination Control Plan	NCST-D-FM007	Prel.	Rev.	Final				R. Mader	
Configuration Management Plan	NCST-D-FM008	Prel.	Final					M. Johnson	Draft
Software Management Plan	NCST-SDP-FM001	Final						J. Cleveland	Outline
Safety Documents									
Preliminary Safety Assessment	NCST-D-FM009	Prel.	Final					R. Mader	
System Safety Implementation Plan (SSIP)	NCST-D-FM010				Final			R. Mader	
Ground Operations Procedures (30 days before PER)					Final			P. Klein	
Safety Data Package						Final		R. Mader	
Launch Site Data Plan						Final		R. Mader	
Space Segment Documents									
Instrument									
Instrument Design Specification		Prel.	Final					S. Horner	
Instrument to S/C ICD	NSCT-ICD-FM001	Prel.	Final					M. Johnson	
Instrument subsystem and component specifications	LMMS document numbers		Prel.	Final				LMMS	
Spacecraft									
S/C Design Specification	NCST-S-FM001	Prel.	Final					R. Mader, C. Garner	
S/C subsystem and component specifications	NCST-S-FM002 through NCST-S-FM00*n*		Prel.	Final				NRL	

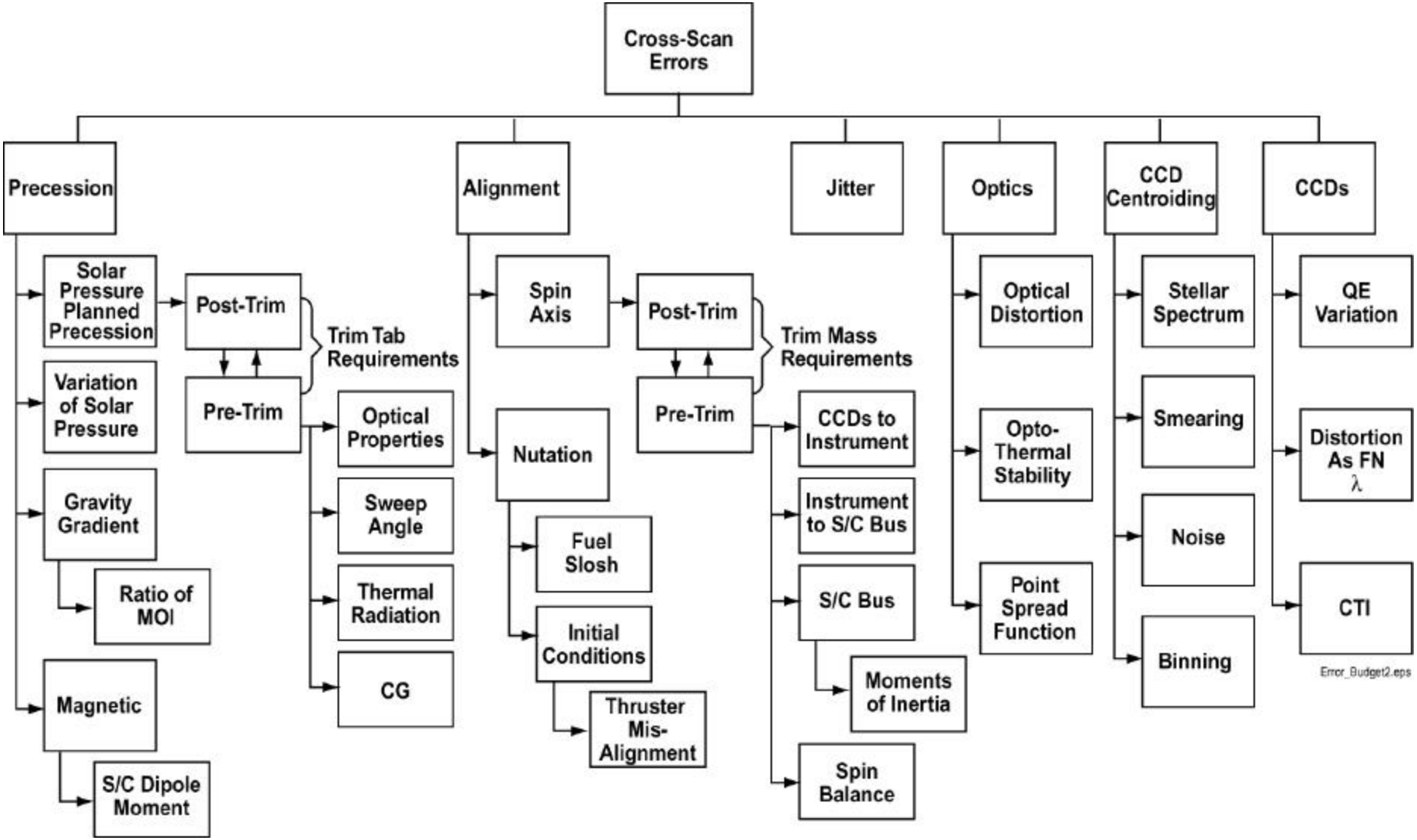
Deliverables List (2 of 2)

Document Name	Number	SRR	PDR	CDR	PER	PSR	FRR	Assignee	Status
System Integration and Test Plan	NCST-TP-FM001			Final				R. Mader, C. Garner	
Verification Matrix				Final				M. Ream	
Environmental Test Matrix				Final				M. Ream	
Verification Procedures				Final				NRL	
Integration and Test Procedures				Final				NRL	
Software Documents									
Software Requirements Document	NCST-SRS-FM001	Prel.	Final					J. Cleveland	
Launch Segment Documents									
S/C to L/V ICD	NCST-ICD-FM002		Prel.	Final				R. Mader	
Ground Segment Documents									
Ground Segment Description Document	NCST-D-FM016	Prel.	Final					P. Klein	
Space to Ground ICD	NCST-ICD-FM003		Prel.	Final				P. Klein	
Supporting Documents									
Failure Mode and Effects Analysis (FMEA)	NCST-D-FM011			Final				M. Johnson	
Preliminary EEE Parts List	NCST-D-FM012		Final					M. Johnson	
Preliminary Materials List	NCST-D-FM013		Final					R. Mader	
Orbital Debris Report (CDR +60 days)	NCST-D-FM014			Final				R. Mader	
Space Segment Reliability Analysis	NCST-D-FM015			Final				M. Johnson	
MO&DA Documents									
Flight Operations Plan					Prel.	Final		M. Johnson	
Software User Guides					Prel.	Final		J. Cleveland	
Final B/C/D Technical Report								M. Johnson	Launch +60 days
Final Phase E Technical Report								K. Johnston	End of Mission +60 days

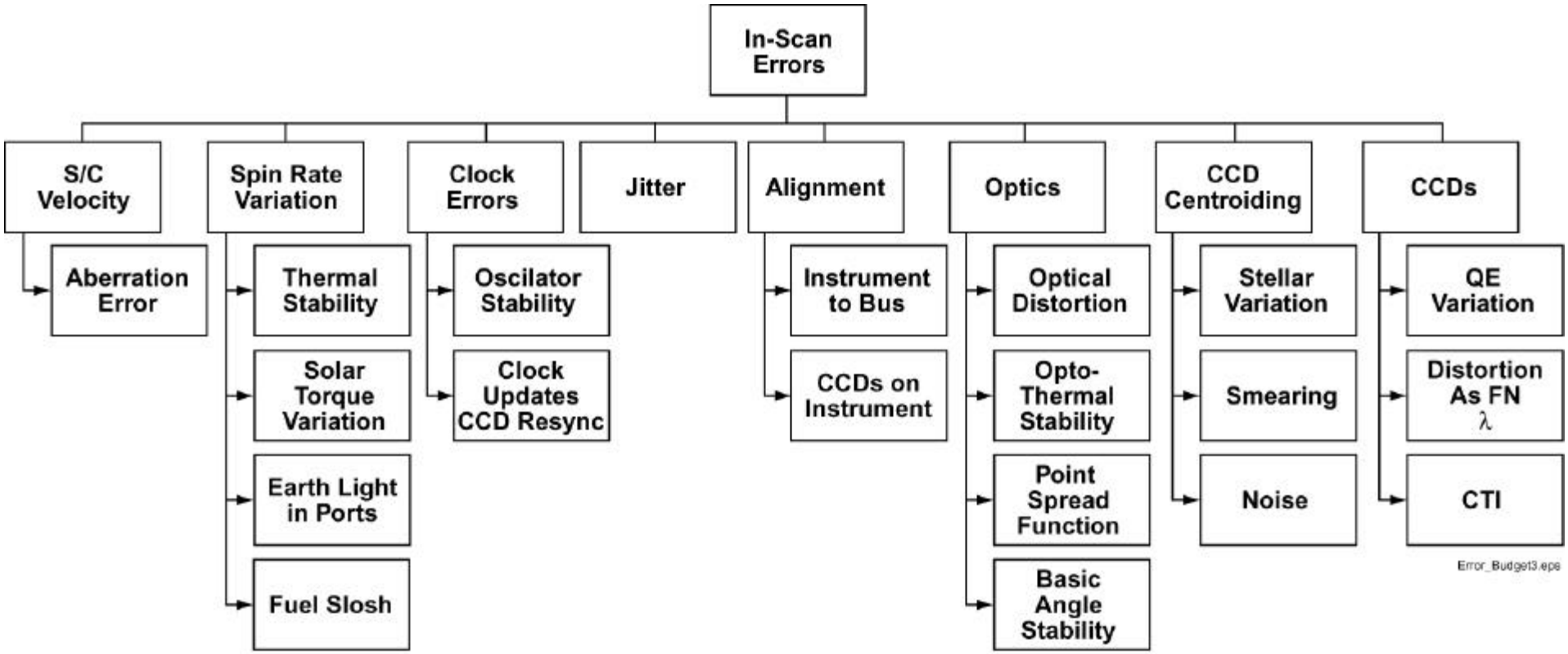
FAME Error Budget (1 of 3)



FAME Error Budget (2 of 3)



FAME Error Budget (3 of 3)



Errors

- Short Term	< 1.56 Seconds (On-Chip)
- Intermediate	1.56 - 6 Seconds (In FOV)
- Medium	6 Seconds - 10 Minutes (Basic Angle)
- Medium Long	10 Minutes - 40 Minutes (Spin Period)
- Long	> 40 Minutes