WISE Science Data Center
Critical Design Review

Introduction

CDR Schedule - Day 1

8:00	0:30	Meet and Greet	
8:30	0:10	Welcome and Introduction	Helou, Irace, Cutri
8:40	0:10	Success Criteria and Scope of Review	Cutri
8:50	0:30	Science and Mission Overview	Eisenhardt
9:20	0:20	Mission Operations	Royer
9:40	0:40	WSDC Overview	Cutri
10:20	0:15	Break	
10:35	1:30	WISE Science Data System Overview	Conrow
12:05	1:00	Lunch	
13:05	0:30	Ingest Subsystem	Conrow
13:35	0:30	Instrumental Frame Calibration (ICAL)	Masci
14:05	0:30	Source Detection (MDET)	Marsh
14:35	0:15	Break	
14:50	0:45	Position Reconstruction (PREX)	McCallon, Fowler
15:35	0:30	Source Photometry (WPHOT)	Jarrett, Marsh
16:20	0:40	Executive Session	Board

CDR Schedule - Day 2

8:00	0:30	Meet and Greet	
8:30	0:30	Frame Coaddition (AWAIC)	Masci
9:00	0:30	Solar System Object Association	Tholen, Fowler
9:30	0:20	Photometric Calibration	Cutri
9:50	0:20	Artifact Identification	TBD
10:10	0:15	Break	
10:25	0:40	Data Quality Assurance	Kirkpatrick
11:05	0:45	Archive	Berriman, Cutri
11:50	1:10	Lunch	
13:00	0:30	Processing System Hardware, Architecture	Brandenberg
13:30	0:15	IPAC Systems Infrastructure	Burt
13:45	0:30	Operations Concept	Conrow
14:15	0:45	Management Summary	Cutri
15:00	0:15	Break	
15:15	1:00	Executive Session	Board
16:15		Debrief	All

Review Panel

Stuart Anderson (Caltech/LIGO)	*anderson@ligo.caltech.edu*
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CDR Success Criteria

- The WSDC design complies with the applicable requirements, and represents acceptable mission risk
- The major system interfaces are adequately defined and plans are in place to manage any open items
- The subystems designs are mature and provide confidence in the integrity of the system design, with the exception of those subsystems whose development has been intentionally delayed until after the CDR
- The design is robust to the nominal circumstances that will be encountered with the WISE data
- The verification and validation plans are complete
- The appropriate controls are in place and give confidence in the ability to effectively manage the system within the available resources

Instructions to Board

Scope of Review