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**SOUTHERN AFRICAN LARGE TELESCOPE – ROBERT STOBIE SPECTROGRAPH  
NEAR INFRARED INSTRUMENT – MID-TERM REVIEW AGENDA**

**Tong Auditorium, Room 1003  
Engineering Centers Building, 1550 Engineering Drive  
May 20, 2009 – Day 1**

9:45	<u>Executive Session</u> .....	Review Panel
10:00	Introductions .....	Sheinis
10:15	Purpose of the Review .....	Buckley
10:30	NIR Project Overview	
	General instrument overview (20 min) .....	Sheinis
	Project Organization (10 min) .....	Mulligan
11:00	Instrument Science .....	Sheinis, Bershady, Gallagher, Nordsieck
12:45	<u>Lunch</u>	
1:15	Functional Performance Requirements & Expected Performance.....	Sheinis
2:00	Operational Concepts Definition .....	Wolf
2:30	Optics	
	Design (20 min) .....	Sheinis
	Analytic Optics (30 min) .....	Nordsieck
3:20	<u>Break</u>	
3:30	Fabry-Perot (30 min) .....	Williams
4:00	Fabry-Perot Order Blocking Filters (20 min).....	Wolf
4:20	Calibration .....	Wolf
4:35	Detector Selection and Integration & Test Plan .....	Doering
5:00	Thermal Stray Light Analysis .....	Wolf
5:45	<u>Executive Session</u> .....	Review Panel
6:00	Adjourn	
7:00	Dinner at Porta Bella's	



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**Tong Auditorium, Room 1003  
Engineering Centers Building, 1550 Engineering Drive  
May 21, 2009 – Day 2**

8:45	<u>Executive Session</u> .....	Review Panel
9:00	Instrument Design	
	Mechanical Overview (45 min).....	Smith
	Opto-mechanics (inc tolerances, mounts), Structure, Mechanisms, Articulation, & Camera	
	Optical Storage Assembly (20 min) .....	Wong
	OSA mechanism and the filter cassette exchange scheme	
	Thermal design (30 min) .....	Adler
	Predewar design and cooling	
10:45	<u>Break</u>	
11:00	Dewar Design (30 min) .....	Smee
	Electrical Overview (45 min) .....	Thielman & Sendelbach
	Architecture, Detector Controller, Dewar Subsystem, Data Comm., Environ. Control, Power Distribution, Control System, & Housekeeping	
12:15	<u>Lunch</u>	
1:00	Control system software (20 min) .....	Percival
1:20	Quality Assurance & Safety .....	Demke
1:35	Optical Integration & Test Plan .....	Sheinis
2:00	Commissioning Plan .....	Sheinis
2:30	<u>Break</u>	
2:40	SALT Facility ICD .....	Thielman
3:00	Schedule & Budget .....	Mulligan
3:30	Review Summation .....	Sheinis
3:45	<u>Executive Session</u> .....	Panel Only
5:15	Review Debrief .....	Panel
5:30	Adjourn to Terrace	