

Life in the Atacama

Design Review

December 19, 2003

Carnegie Mellon University, Newell-Simon Hall 1109

8:00	Coffee	
8:30	Welcome and charter	Waggoner/Wettergreen
8:40	Science investigation and methods	Wettergreen
8:50	Rover chassis	Heys/Apostolopoulos
9:00	Wheels and tires	Villa/Heys
9:10	Solar array	Teza
9:20	Power system and batteries	Teza
9:30	Sensors and computing	Wagner
9:40	Discussion	
10:30	Break	
10:40	Chlorophyll detector	Waggoner/Weinstein
10:50	Fluorescence imager	Weinstein
11:00	Fluorescence microscope	Waggoner
11:10	Fluorescent dyes and delivery	Waggoner
11:20	SAM design	Heys/Apostolopoulos
11:30	Vis/NIR Spectrometer	Shaw
11:40	SPI and Context Imagers	Shaw
11:50	Instrument accommodation and FOV	Heys
12:00	Discussion	
1:00	Lunch	
1:30	Software architecture	Wettergreen
1:40	TEMPEST	Tompkins
1:50	Executive and IDEA	Muscettola
2:00	State Server/Telemetry Manager	Jonak
2:10	Health Monitor	Verma
2:20	Far-field Terrain Classification	Avediyani
2:30	Position Estimation	Villa
2:40	Vehicle and Instrument Controller	Wagner
2:50	Science Planner	Smith
3:00	Discussion	
4:00	Break (IDEA Demo)	
4:10	Remote science operations	Coppin
4:40	Field experiments and methods	Wettergreen
5:10	Schedule and actions	All
5:30	Adjourn	