Print Form

Submit by Email

LIGO E-TRAVELER

E-Traveler DCC Number & Revision	Schematic DCC Number & Revision	Board Title		Board Serial Number
D080251-00-C	D020241 / D030452	ISS Intensity Stabilization Servo / ISS Photodiode		112
PCB Revision	Cognizant Design Engineer (COG)	E-Traveler Originator & Institution		Date
Rev D	Ben Abbott	Stefan Ballmer		May 2, 2008
	Printed Circu	it Board Fabrication Notes		
Upon receipt of printed circuit board, note dis	crepancies and any required repair. Examp	oles include fixing silkscreen, through-hole size correction etc.	Performed By:	Date
See also Hanford ilog by Stefan Ballm				
Board Modifications made during initial manu	Performed By:	Date		
Switched U6, U54, U20, U64 to THS41 Additional 2.1 kHz pole: Added C=15	Stefan Ballmer	May 2, 2008		
Lower AC coupling pole by 2: C25> Move pole:zero pair to 10x lower free Add 20Hz:2Hz pole:zero pair: C1> Add 870Hz:8.6kHz pole:zero pair: C51 (Continued in discrepancy section)				
<u> </u>		Acceptance Testing		
	Test Procedure DCC Nun	nber & Revision	Performed By:	Date
List any discrepancies or deviations from limits	s established in the test procedure			
TP13 422 Ohmx 0 to 500 O to 50 Ohi	hm 1 kOhm +15V 4.7uF m load (AOM driver)	pelow). This gives an offset adjust between 0.44 V and 0.64 V. GND		
ISS photodiode (SN 123,124,132,134) - Added 10uF in parallel to C4 (total 0) - Added 100 Ohm resistor in sensing	C4=11 uF)	/ Ccomp=68pF		

LIGO E-TRAVELER

E-Traveler DCC Number & Revision	Schematic DCC Number & Revision	Board Title	Board Serial Number







