

# LIGO ELECTRONICS TRAVELER

Schematic Dwg No.	Initial Rev	Title	Serial number
D070001	0A	10-W Laser Head Interface	101
PCB Rev		PCB filename	Date
			2/9/2007
Originator		Cognizant Design Engineer	Phone #
Peter King		Peter King	3099

**INITIAL FABRICATION AND TEST:** Any deviation from procedure, schematics, or test criteria must be noted below and approved.

Operation/Instructions (Comments)		Name	Date
<b>BOARD FABRICATION</b>			
	<b>Assembled by:</b>	Peter King	1/29/07
1	Incoming board visual inspection; note discrepancies and any required repair		
2	Board modifications (only to be consistent with initial fabrication revision level): cite applicable DCN: _____, or list required changes below:  (attaching a photograph is encouraged)		
3	Note any board level discrepancies, or QA problems below; requires approval	Cog. Engineer approval	
<b>CHASSIS</b>			
4	Drawing Number & Revision: _____		
5	Incoming chassis inspection; note discrepancies and any required repair		
6	Chassis modifications (only to be consistent with initial fabrication revision level): cite applicable DCN: _____, or list required changes below:		

*N.B.: This traveler must accompany the associated parts at all times once assembly starts. The traveler original must ship with the board & be maintained by operations.*

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Operation/Instructions (Comments)		Name	Date
7	Note any chassis level discrepancies or QA problems below; requires approval	Cog. Engineer Approval:	
<b>BOARD ASSEMBLY</b>			
8	List component value changes or part substitutions which are not per the documented design 0.1 $\mu$ F capacitors are rated for 100 V.  Note: Requires cognizant design engineer approval	Cog. Engineer Approval:  Peter King	
9	Missing components: list intentionally absent components with reason(s) R1 not stuffed as per original Lightwave Electronics board.  Note: Any missing components requires engineer approval	Cog. Engineer Approval:  Peter King	
10	Board condition comments after repair/remedial efforts (lifted pads, debonded traces, etc.):  Note: Any quality defects requires approval.	Cog. Engineer Approval:	
<b>MODULE ASSEMBLY</b>			
11	Module Level condition comments after repair/remedial efforts (deviations in grounding, connector substitutions, cabling substitutions, changes in attachment provisions, heat sinking, etc.):  Note: Any quality defects, substitutions or changes require approval.	Cog. Engineer Approval:	
<b>ACCEPTANCE TEST</b>			
12	Test procedure DCC No. & Revision _____ <b>Attach completed test procedure with recorded values</b>	Tester:	
13	List any discrepancies or deviations from limits established in the test procedure:  Note: Any discrepancies or out-of-limit deviations must be approved	Cog. Engineer Approval:	

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**REVISION UPDATE** (one table per revision update)

	Operation/Instructions (Comments)	Name	Date
1	Schematic No. _____ Current Rev. Level _____ Modified Rev. Level _____ Board/Module Title: _____ associated DCN No. _____ Serial No. _____ Description: _____		
2	Board/Module Condition: note discrepancies, quality problems, or defects after revision completed:  Note: Any quality defects, substitutions, or changes requires approval.	Engineer Approval:	
3	Test procedure No. & Revision: _____ or None _____ ___ Re-test, or ___ Partial Re-test (cite sections of procedure below), or ___ other (describe below)  Note: If not explicitly permitted by the DCN, any re-test other than a complete re-test per procedure must be approved. <b>Attach completed test procedure</b>	Tester:  Engineer Approval:	
4	List any test discrepancies or deviations from limits established in the test procedure  Note: Any discrepancies or out-of-limit deviations must be approved.	Engineer Approval:	

# LIGO ELECTRONICS TRAVELER

**REPAIR RECORD** (one table per repair event)

	Operation/Instructions (Comments)	Name	Date
1	Schematic No. _____ Current Rev. Level _____ Serial No. _____ Board/Module Title: _____ GNATS Problem or failure report No. _____ Description of problem/failure:  Repair steps:		
2	Board/Module Condition: note discrepancies, quality problems, or defects after repair completed:   Note: Any quality defects, substitutions, or changes requires approval.	Engineer Approval:	
3	Retest: Test procedure No. & Revision: _____ or None _____ ___ Re-test, or ___ Partial Re-test (cite sections of procedure below), or ___ other (describe below)  Note: Any re-test other than a complete re-test must be approved	Tester:  Engineer Approval:	
4	List any test discrepancies or deviations from limits established in the test procedure   Note: Any discrepancies or out-of-limit deviations must be approved.	Engineer Approval:	