

# LIGO ELECTRONICS TRAVELER

Schematic Dwg No.	Initial Rev	Title	Serial Number
PCB Rev		PCB filename	Date
Originator	Cognizant Design Engineer		Phone#

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

	Operation/Instructions (Comments)	Name	Date
<b>BOARD FABRICATION</b>			
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 part(s) at all times once assembly starts. The traveler original must ship with the board and be maintained by operations.*

	<b>Operation/Instructions (Comments)</b>	<b>Name</b>	<b>Date</b>
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  Note: Requires cognizant design engineer approval	Cog. Engineer Approval:	
9	Missing Components: list intentionally absent components with reason(s)  Note: Any missing components requires engineer approval	Cog. Engineer Approval:	
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:	

**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 test 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:	

**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 test 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:	