

LIGO PROCESS TRAVELER

DCC Number: **E990274-00-X**

Date Prepared: **7/8/99**

Originator	Cognizant Engineer	Ext./Phone#	Project	Account Number
Michael Smith	Michael Smith	2062	COS	5F515

Dwg/Part Number	Rev	Part Description	Serial Number	Qty
		ETM Telescope Assembly		
D980630	B	TUBE, ETM MOUNT		1
D980631	B	PLATE, ETM INTERFACE		1
D980632	B	BRACKET, REAR LEFT, ETM RETAINING		1
D980633	B	BRACKET, FRONT RIGHT, ETM RETAINING		1
D980634	B	ANGLE, ETM ADJUSTING		1
D980635	B	BLOCK, ETM ADJUSTING		2
D980636	B	TUBE, MAIN BODY		1
D980637	B	CLAMP, UPPER		2
D980638	B	CLAMP, LOWER		2
D980639	B	END CAP REAR		1
D980641	B	PLATE, MIRROR MOUNTING		1
D980643	B	L1_LENS RING		1
D980644	B	RING, RETAINING FOREWRD EYEPIECE LENS		1
D980646	B	RETAINER, REAR EYEPIECE LENS		1
D980647	B	SPACER REAR EYEPIECE LENS		1
D980648	B	BRACKET, REAR RIGHT, ETM RETAINING		1
D980649	B	BRACKET, FRONT LEFT, ETM RETAINING		1
D980650	B	PLATE, BACKING		1
D990124	B	SIDE MOUNT		2
D990125	B	SIDE MOUNT FOOT		2
D990126	B	LENS FOCUS, BARREL		1
D990127	B	BLOCK, ETM NON_ADJUSTING		1
D990128	B	PLATE, BACKING_NON_ADJUSTING		1
		Insertion Tool, Lens Element 1, ETM Telescope		1

N.B.: A copy of this traveler must be submitted to the DCC each time the original is shipped with the associated part(s) and when the traveler has been completed.

Dwg/Part Number	Rev	Part Description	Serial Number	Qty
		Insertion Tool, Lens Element 2, ETM Telescope		1
		Insertion Tool, Lens Element 3A, ETM Telescope		1
		Insertion Tool, Lens Element 3B, ETM Telescope		1
E980328-1	A	Lens Element 1, ETM Telescope		1
E980328-2	A	Lens Element 2, ETM Telescope		1
E980328-3	A	Lens Element 3, ETM Telescope		1
34665K29		1/8 Ball, Aluminum		2
92185Axxx		8-32 X 0.38 SHCS		2
92196A112		4-40 X 0.63 SHCS		1
92185Axxx		8-32 X 0.75 SHCS		4
92196A542		1/4-20 X 1.00 SHCS		43
92196A544		1/4-20 X 1.25 SHCS		1
92141A029		1/4-20 flat washer		23

Used In (next higher assembly):	D990053, ETM Telescope

Data Package, Receiving/Inspection Remarks:

Inspection Required Y/N	Visual Damage Y/N	Comments	Name/Initials	Date Comp.
y		Inspect for breakage during shipment		

Process Flow:

#	Operation	Start Date	Work Area	Instructions	Name/Initials	Date Comp.
1	Control Point	NA	NA		NA	NA
2	Clean		LHO	per LIGO-E960022, as applicable	B. Weaver	
3	wrap and bag		LHO	per LIGO-E960022	B. Weaver	
4	Vacuum Bake		LHO	per LIGO-E960022	K. Ryan	

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.													
5	Control Point		LHO	Review/approve RGA:scan # _____ scan # _____ scan # _____ scan # _____ scan # _____ scan # _____ scan # _____ Note: attach RGA scan(s) to this traveler.	K. Ryan														
6	Package		CIT	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 10%;">No.</th> <th style="width: 15%;">Qty per package</th> <th style="width: 75%;">Part</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">3</td> <td>ETM Telescope</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> (see also qty. for each shipping destination below)	No.	Qty per package	Part	1	3	ETM Telescope				Mike Smith					
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7	Ship		CIT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 5%;">No.</th> <th colspan="3" style="text-align: center;">Ship Qty.</th> <th rowspan="2" style="width: 40%;">Part Description</th> </tr> <tr> <th style="width: 15%;">LHO</th> <th style="width: 15%;">LLO</th> <th style="width: 15%;">Other</th> </tr> </thead> <tbody> <tr> <td> </td> <td style="text-align: center;">all</td> <td> </td> <td> </td> <td>ETM Telescope</td> </tr> </tbody> </table>	No.	Ship Qty.			Part Description	LHO	LLO	Other		all			ETM Telescope	Mike Smith	
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