

LIGO PROCESS TRAVELER

DCC Number: **E990251-00-X**

Date Prepared: **6/15/99**

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

Dwg/Part Number	Rev	Part Description	Serial Number	Qty
		Beam Dump Assemblies-BSC8		
D980087	A	“glass retaining bracket, top left, cavity BD”	002-005	4
D980088	A	“glass retaining bracket, top right, cavity BD”	003-006	4
D980092	A	“glass plate 1, cavity BD”	NA	0
D980093	A	“glass plate 2, cavity BD”	NA	0
D980289	A	“glass mounting plate1, cavity BD”	001-004	4
D980292	A	“glass mounting plate2, cavity BD”	002-004,007	4
D980296	A	“glass retaining bracket, bottom left, cavity BD”	001-003,006	4
D980297	A	“glass retaining bracket, bottom right cavity BD”	002,004-006	4
D980348	A	“side plate, cavity BD”	003,005-006,007-011	8
D980378	A/B	“Stiffener Block, cavity BD”	001-002,004-005	4
D990140	D	Beam Dump Housing Plate	001-004	4
D990028	A	Beam Dump Flex Hinge Tongue	001-003	3
D990029	A	Beam Dump Flex Hinge Clevis	001-003	3
D990030	A	Beam Dump Flex Hinge Tee	001-003	3
D990031	A	Beam Dump Flex Hinge Saddle	001-003	3
D990032	A	Beam Dump Flex Hinge Attach	001-003	3
D990033	A	Beam Dump Flex Hinge Adapter	001-003	3
D990198	B	Beam Dump Flex Hinge H_tube	001-002	2
D990199	A	Beam Dump Flex Hinge Low Strap	001-003	3
D990200	A	Beam Dump Flex Hinge Backup	001-006	6
D990201	A	Beam Dump Flex Hinge Cap	001-006	6
D990202	B	Beam Dump Flex Hinge Top Strap	001-003	3
D990335	A	“Beam Dump Flex Hinge H_tube, 2KITMXAR4 “	NA	0
D990336	A	“Beam Dump Flex Hinge H_tube, 2KITMYAR4”	NA	0

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Dwg/Part Number	Rev	Part Description	Serial Number	Qty
D990149	C	“Cavity Beam Dump, Mounting Bracket Angle “	001-004	4
D990150	B	“Cavity Beam Dump, Mounting Bracket Gusset “	001-004	4
D990151	A/B	“Cavity Beam Dump, Mounting Bracket Backplate 1”	001-004	4
D990152	C	“Cavity Beam Dump, Mounting Bracket Backplate 2”	001-004	4
D990222	A	Beam Dump Housing Tube 2KBSAR3	001	1
D990223	C	Beam Dump Housing Tube 2KFM	001-002	2
D990225	D	“Beam Dump Housing Tube 4KITMHR3, 4KITMHR4”	001	1
D990252	B	“Beam Dump Housing Tube ITMAR1,2KRMHR3”	NA	0
D990253	A	Extension Tube	NA	0
D980685	A	“clamp, plate beam dump”	X	4
D990207	B	“rail, plate beam dump”	001-002	2
D990218	B	“glass, plate beam dump”	at LHO	1
D990236	B	“backplate_offset, plate beam dump”	001	1
D990240	B	“backplate, plate beam dump”	NA	0
WFV-10		#10 X 0.31 THK FLAT VENTED WASHER	X	28
92196A245		#10-24 X 0.75 SHCS	X	4
93615A360		#10-24 X 1.00 LOW HD SCS	Obsolete part	24
WFV-06		#6 X 0.016 THK FLAT VENTED WASHER	X	4
92196A144		#6-32 X .25 SHCS	X	4
WFV-08		#8 FLAT VENTED WASHER	X	136
92185A194		#8-32 X .50 SHCS	X	136
91500A194		#8-32 X .500 FHPS	X	72
91944A450		0.406ID X 0.88OD X 0.25 THK SPHER WASH	X	12
90945A761		“1/4 FLAT WASHER”	X	28
N-2520-A		1/4-20 HEX NUT, AG/SS	X	12
93615A410		1/4-20 X .50 LOW HD SCS	X	4
92196A540		1/4-20 X 0.75 SHCS	X	24

Dwg/Part Number	Rev	Part Description	Serial Number	Qty
92196A542		1/4-20 X 1.00 SHCS	X	24
C-2016-NA		"1/4-20 X 1.00 SHCS, AG/SS"	X	30
92196A544		1/4-20 X 1.25 SHCS	X	12
C-2820-NA		"1/4-28 X 1.25 SHCS, AG/SS"	ship direct to LHO	18
91950A031		3/8 X 0.063 FLAT WASHER	X	11
WFV-38		3/8 X0.032 THK FLAT VENTED WASHER	X	48
N-3816-A		3/8-16 HEX NUT AG/SS	X	3
94804A320		3/8-16 HEX NUT	X	8
TOP-1616-NA		3/8-16 X 1.00 SOCKT SET SCRW-OVL PT AG/SS	on order	6
90585A626		3/8-16 X 1.25 FLT HD CAP SCREW	X	8
92186A626		3/8-16 X 1.25 HEX HD SCREW	X	16
C-1620-NA		"3/8-16 X 1.25 SHCS, AG/SS"	X	6
92186A630		3/8-16 X 1.75 HEX HD SCREW	X	16
92196A630		3/8-16 X 1.75 SHCS	X	9
92186A999		3/8-16 X 7.00 HEX HD SCREW	X	16
099-966-12-20x		BERYLLIUM-CU GND STRP	X	16
6032-400		Flex pivot	X	6
93615A355		#10-24 X 0.75 LOW HD SCS	new part	24

Used In (next higher assembly):	D990230, BSC Beam dump Installation, top assembly

Data Package, Receiving/Inspection Remarks:

Inspection Required Y/N	Visual Damage Y/N	Comments	Name/Initials	Date Comp.
N	Y			

Process Flow:

#	Operation	Start Date	Work Area	Instructions	Name/Initials	Date Comp.
1	Control Point	NA	NA		NA	NA

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.												
2	Clean all parts		CIT	per LIGO-E960022, as applicable	Y. Komemi M. Smith													
3	wrap and bag assemblies		CIT	per LIGO-E960022	Y. Komemi M. Smith													
4	Vacuum Bake all parts		LHO	per LIGO-E960022	K. Ryan													
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	Box for shipment		CIT	<table border="1"> <thead> <tr> <th>No.</th> <th>Qty per package</th> <th>Part</th> </tr> </thead> <tbody> <tr> <td>1-9</td> <td>mixed</td> <td>beam dump assemblies</td> </tr> <tr> <td>1</td> <td>mixed</td> <td>beam dump assemblies</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	1-9	mixed	beam dump assemblies	1	mixed	beam dump assemblies				M. Smith	
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END: Go to Traveler associated with next higher assembly processing																																												

Special Instructions (Handling/Packaging Constraints, Remarks, etc.) or Notes:

Attention: Betsy Weaver, Jonathan Kern, hold cleaned and baked parts for Michael Smith COS assembly

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