

**D0900442 - AdvLIGO Systems, BSC1-L1 Top Level Chamber Assembly B.O.M.**

ITEM		PART NUMBER	DESCRIPTION	QTY.
1		D0900443	AdvLIGO VE BSC1-L1, Vacuum Equipment Assembly	1
	1.1	D060139	BSC Lower Shell ICD	1
	1.2	D060140	BSC Upper Shell ICD	1
	1.3	D060143	BSC 60in Cover ICD	2
	1.4	D980227-00-E	Naming Convention for Ports on BSC Chambers	1
	1.5	D961115	ALIGO Floor Assembly & Details, BSC Chamber VE	1
	1.6	D961107	Chamber Support Assembly, BSC LIGO Vacuum Equipment	1
2		D0900444	AdvLIGO SEI BSC1-L1, XYZ Local CS for ISI Table	1
	2.1	D0901182	Advanced LIGO BSC ISI Assembly	1
	2.2	C-3832-NA	SCREW, SHCS, SILVER PLATED 3/8-24 X 2 (UCC C-3832-NA)	14
	2.3		WASHER, FLAT, .625 X .39 ID X .06 THICK	14
3		D0900445	AdvLIGO SUS BSC1-L1, XYZ Local CS for ITMY	1
	3.1	D0901346-03	Ad LIGO QUAD SUS ASSEMBLY TOP LEVEL TD-1084-090_ASM	1
	3.2	D1002424	aLIGO, SUS, VIBRATION ABSORBER, 5LB VERTICAL WITH O-RINGS	4
	3.3	D070056	aLIGO, SUS QUAD N-Type, QUAD Dog Clamp	20
	3.4	D1100785-620	Washer, Flat, Nitronic .38 X .620 OD	20
	3.5	3AJ1.500-12CL	Bolt, 3/8-16 X 1.50, 12Pt	20
4		D1000554 *	AdvLIGO ZEMAX Laser Beam Rays & Optics, H1	1
5		D1000513 *	D1000513 HEPI, BSC, Chamber Level Assem, aLIGO SEI	1
6		D1003374	AdvLIGO SUS BSC1-L1, XYZ Local CS for SLC Arm Cavity Baffle	1
	6.1	D1200578	ONE HOLE ARM CAVITY BAFFLE FINAL ASSY	1
	6.2	MSC-67336925	SCREW HEX HEAD 3/8-16 X 2 LG	6
	6.3	D1001700	SLC INTERFACE MOUNTING CLAMP	6
	6.4	93852A104	Washer, Flat, Nitronic .38 X .620 OD	6
7		D1200678	AdvLIGO SUS BSC1-L1, XYZ Local CS for TCS CO2P Steering Mirror Assy	1
	7.1	D1101013	aLIGO TCS CO2P STEERING MIRROR 1 ASSY, H1-L1	1
8		D1200112	AdvLIGO Cable Harness Routing, BSC1	1
9		D1002565	AdvLIGO BSC1-L1 ISI Table, Balance Masses Assembly	1
	9.1	D071200-06	1.190 Coarse (Type 06)	6
	9.2	D071200-05	.690 Coarse (Type 05)	6
	9.3	D1003161	TRIM MASS AND DAMPING ASSY, aLIGO BSC-ISI	16
	9.4	D1003143	BALLAST MASS ASSEMBLY, ALIGO BSC ISI	4

\* These Assemblies are common to all BSC Chambers