

D0901094 - AdvLIGO Systems, HAM3-H1 Top Level Chamber Assembly B.O.M.

ITEM			PART NUMBER	DESCRIPTION	QTY.
1			D0901095	AdvLIGO VE HAM3-H1, Vacuum Equipment Assembly	1
	1.1		D060160	HAM Shell Weldment ICD	1
	1.2		D060159	HAM 84in Cover ICD	2
	1.3		D980226-00-E	Naming Convention for Ports in HAM Chambers	1
2			D0901096	AdvLIGO SEI HAM3-H1, XYZ Local CS for ISO Table	1
	2.1		D0900124	HAM ISI Table, Advanced LIGO	1
3			D0901097	AdvLIGO SUS HAM3-H1, XYZ Local CS for HSTS (PR2,MC2)	1
	3.1		D0901098	AdvLIGO SUS HAM3-H1, XYZ Local CS for HSTS (PR2) Sub-Assy	1
		3.1.1	D020700	Assembly_ModeCleanerSuspension	1
		3.1.2	D1100049	HSTS SUS STRUCTURE SPACER 19.1MM	1
		3.1.3	TBD	AdvLIGO, SUS HAM3-H1, Dog Clamps Sub-Assy for PR2 (HSTS)	1
		3.1.3.1	D1001376-08	AdvLIGO HAM Optics Table Dog Clamp 2.2 M	5
		3.1.3.2	D1100641-09	AdvLIGO HAM Optics Table Dog Clamp Chamfered End 2.2 L	7
		3.1.4	D1002424	VIBRATION ABSORBER ASSEMBLY	2
	3.2		D0901099	AdvLIGO SUS HAM3-H1, XYZ Local CS for HSTS (MC2) Sub-Assy	1
		3.2.1	D020700	Assembly_ModeCleanerSuspension	1
		3.2.2	D1100049	HSTS SUS STRUCTURE SPACER 19.1MM	1
		3.2.3	TBD	AdvLIGO, SUS HAM3-H1, Dog Clamps Sub-Assy for MC2 (HSTS)	1
		3.2.3.1	TBD	AdvLIGO HAM Optics Table Dog Clamp Narrow End 2.2 L	5
		3.2.3.2	TBD	AdvLIGO HAM Optics Table Dog Clamp 2.2 M	3
		3.2.3.3	TBD	AdvLIGO HAM Optics Table Dog Clamp Narrow End 2.2 M	2
		3.2.3.4	TBD	AdvLIGO HAM Optics Table Dog Clamp Narrow End 1.8 L	1
		3.2.3.5	TBD	AdvLIGO HAM Optics Table Dog Clamp 1.8 M	1
		3.2.4	D1002424	VIBRATION ABSORBER ASSEMBLY	2
4			TBD	AdvLIGO SUS HAM3-H1, XYZ Local for PR2 Scrapper Baffle	1
	4.1		D1000327	ALIGO IO MC2 SCRAPER BAFFLE	1
	4.2		D1000328	ALIGO IO PR2 SCRAPER BAFFLE	1
	4.3		D1100640	AdvLIGO HAM Optics Table Dog Clamp SOS Suspensions 375L	5
	4.4		D1100640	AdvLIGO HAM Optics Table Dog Clamp SOS Suspensions 375S	2
	4.5		D1100640	AdvLIGO HAM Optics Table Dog Clamp SOS Suspensions 375M	1
5			D1000554 *	AdvLIGO ZEMAX Laser Beam Rays & Optics, H1	1
6			D1000514 *	D1000513 HEPI, HAM, Chamber Level Assem, aLIGO SEI	1
7			D1000907	AdvLIGO HAM3-H1 ISI Table, Payload & Suspended Mass Assembly	1
	7.1		D0901075	AdvLIGO Bulk Trim Mass-SEI, BSC-HAM Tables	30
	7.2		D071200-04	.440 (Type 04)	9
	7.3		D071200-03	.240 (Type 03)	10
	7.4		D071200-05	.690 Coarse (Type 05)	12
	7.5		D071200-02	.120 Standard (Type 02)	14
8			D1002171	AdvLIGO SEI HAM3-H1, XYZ Local for IO Optic Mount Components	1
	8.1		D1002074	ALIGO_IO_RIGID_OPTIC_MOUNT_RIGHT_HAND_COMBINED_ASSEMBLY	3
	8.2		D1002092	ALIGO_IO_ACTUATED_RIGID_OPTIC_MOUNT_RIGHT_HAND_COMBINED_ASSEMB	1

For PR2 LocalCoordinates refer to DCC T080078-v4

For MC2 LocalCoordinates refer to DCC T080078-v4

	8.3		D1002087	ALIGO_IO_RIGID_OPTIC_MOUNT_LEFT_HAND_COMBINED_ASSEMBLY	1
	8.4		D1101043	ALIGO_IO_POP_BEAMS_THREE_INCH_OPTIC_ASSEMBLY	1
	8.5		D1003043	ALIGO_IO_L1_HAM3_GHOST_BEAM_BAFFLE_ASSEMBLY	3
	8.6		TBD	newfocus_9909 (Fork)	7
	8.7		D1100789	ALIGO_IO_IN_VAC_QPD_ASSEMBLY	1
9			D1001805	AdvLIGO SEI HAM3-H1, XYZ Local for ISC Components	1
	9.1		D1000339	ISC HAM3 Assembly	1
10			TBD	AdvLIGO SEI HAM3-H1, XYZ Local for Cable Harness	1
	10.1		TBD	Cable Harness Routing Configuration - HAM3-H1	1
11			TBD	AdvLIGO SEI HAM3-H1, XYZ Local for OptLev DLC Components	1
	11.1		D1002074	ALIGO_IO_RIGID_OPTIC_MOUNT_RIGHT_HAND_COMBINED_ASSEMBLY	1
	11.2		D0901488	ALIGO_HAM_TABLE_FORK	1

* These Assemblies are common to all HAM Chambers