

	A	B	C	D	E	F	G
1	<b>D0900520 - AdvLIGO Systems, HAM3-L1 Top Level Chamber Assembly B.O.M.</b>						
2	ITEM				PART NUMBER	DESCRIPTION	QTY.
3	1				D0900521	AdvLIGO VE HAM3-L1, Vacuum Equipment Assembly	1
4		1.1			D060160	HAM Shell Weldment ICD	1
5		1.2			D060159	HAM 84in Cover ICD	2
6		1.3			D980226-00-E	Naming Convention for Ports in HAM Chambers	1
7	2				D0900522	AdvLIGO SEI HAM3-L1, XYZ Local CS for ISO Table	1
8		2.1			D0900124	HAM ISI Table, Advanced LIGO	1
9		2.2			D1101180	ALIGO, SPACER HAM ISI	2
10		2.3			98017A200	FLAT WASHER, 3/8	22
11		2.4			TBD	SCREW, SHC, 3/8-24 X 3.0 LG	4
12		2.5			TBD	SCREW, SHC, 3/8-24 X 5.0 LG	18
13	3				D0900523	AdvLIGO SUS HAM3-L1, XYZ Local CS for HSTS (PR2,MC2)	1
14		3.1			D0900524	AdvLIGO SUS HAM3-L1, XYZ Local CS for HSTS (PR2) Sub-Assy	1
15			3.1.1		D020700	Assembly_ModeCleanerSuspension	1
16			3.1.2		D1100176	HSTS SUS STRUCTURE SPACER 19mm (PARENT D1100049)	1
17			3.1.3		D1001376-14	AdvLIGO HAM Optics Table Dog Clamp 2in M	5
18			3.1.4		D1100641-15	AdvLIGO HAM Optics Table Dog Clamp Chamfered End 2in L	7
19			3.1.5		D1002424	VIBRATION ABSORBER ASSEMBLY	2
20			3.1.6		FA-2024-NA	.25-20 X 1.5 FHSC SCREW UC COMPONENTS FA-20240NA	30
21			3.1.7		2AL3.00-12L	1/4-20 X 3.00 12 PT BOLT	12
22			3.1.8		D1100785-620	WASHER, FLAT NITRONIC, .25 X .620 OD	12
23			3.1.9		D1101369	PR2 L1 OPTICS ASSEMBLY	1
24		3.2			D0900526	AdvLIGO SUS HAM3-L1, XYZ Local CS for HSTS (MC2) Sub-Assy	1
25			3.2.1		D020700	Assembly_ModeCleanerSuspension	1
26			3.2.2		D1100175	HSTS SUS STRUCTURE SPACER 11mm (PARENT D1100049)	1
27			3.2.3		D1100641-12	AdvLIGO HAM Optics Table Dog Clamp Narrow End 1.6 L	2
28			3.2.4		D1001376-11	AdvLIGO HAM Optics Table Dog Clamp 1.6 M	4
29			3.2.5		D1100641-11	AdvLIGO HAM Optics Table Dog Clamp Narrow End 1.6 M	6
30			3.2.6		D1002424	VIBRATION ABSORBER ASSEMBLY	2
31			3.2.7		D1100191	ALIGO, Dog Clamp Support HSTS-HLTS Structures	1
32			3.2.8		FA-2024-NA	1/4-20 X 1.25 FHSC SCREW UC COMPONENTS FA-20240NA	30
33			3.2.9		D1100785-620	WASHER, FLAT NITRONIC, .25 X .620 OD	14
34			3.2.10		2AL1.25-12SL	1/4-20 X 1.25 12 PT BOLT	2
35			3.2.11		2AL1.75-12SL	1/4-20 X 1.75 12 PT BOLT	2

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1	<b>D0900520 - AdvLIGO Systems, HAM3-L1 Top Level Chamber Assembly B.O.M.</b>						
2	ITEM				PART NUMBER	DESCRIPTION	QTY.
36			3.2.12		2AL2.50-12SL	1/4-20 X 2.50 12 PT BOLT	10
37			3.2.13		D1101366	MC2 L1 OPTICS ASSEMBLY	1
38	4				D1101393	AdvLIGO SUS HAM3-L1, XYZ Local for MC2 & PR2 Scraper Baffle	1
39		4.1			D1000327	ALIGO IO MC2 SCRAPER BAFFLE	1
40		4.2			D1000328	ALIGO IO PR2 SCRAPER BAFFLE	1
41		4.3			D1100640-15	AdvLIGO HAM Optics Table Dog Clamp SOS Suspensions 1.20L	8
42		4.4			MS15795-811	WASHER, FLAT, 1/4	8
43		4.5			78062 HK	SCREW, SHC, 1/4-20 X 1.00 LG, HOLO KROME	8
44	5				D1000554 *	AdvLIGO ZEMAX Laser Beam Rays & Optics, H1	1
45	6				D1000514 *	D1000513 HEPI, HAM, Chamber Level Assem, aLIGO SEI	1
46	7				D1101118	AdvLIGO HAM3-L1 ISI Table, Payload & Suspended Mass Assembly	1
47		7.1			D0901075-03	AdvLIGO Bulk Trim Mass-SEI, BSC-HAM Tables	30
48		7.2			D071200-04	.440 (Type 04)	9
49		7.3			D071200-03	.240 (Type 03)	9
50		7.4			D071200-05	.690 Coarse (Type 05)	12
51		7.5			D071200-02	.120 Standard (Type 02)	15
52						Fasteners to connect to table, included in each sub-assembly mass	
53	8				D1002171	AdvLIGO SEI HAM3-H1, XYZ Local for IO Optic Mount Components	1
54		8.1			D1002075	ALIGO_IO_RIGID_OPTIC_MOUNT_RIGHT_HAND_DETAILED_ASSEMBLY	1
55		8.2			D1002088	ALIGO_IO_ACTUATED_RIGID_OPTIC_MOUNT_RIGHT_HAND_DETAILED_ASSEMBLY	1
56		8.3			D1200736	ALIGO_IO_L1_ROM_LH3_ASSEMBLY	1
57		8.4			D1101043	ALIGO_IO_POP_BEAMS_THREE_INCH_OPTIC_ASSEMBLY	1
58		8.5			D1101225	ALIGO_IO_BLACK_GLASS_S_DUMP_ASSEMBLY	2
59		8.6			D1100789	ALIGO_IO_IN_VAC_QPD_ASSEMBLY	1
60		8.7			D1200741	ALIGO_IO_L1_AROM_LH1_ASSEMBLY	1
61		8.8			D1200742	ALIGO_IO_L1_AROM_RH6_ASSEMBLY	1
62		8.9			D1200743	ALIGO_IO_L1_AROM_RH7_ASSEMBLY	1
63		8.1			D0901488	HAM TABLE FORK	6
64		8.11			92200A539	SCREW, SHC, 1/4-20 X .63 LG	10
65	9				D1002234	AdvLIGO SEI HAM3-L1, XYZ Local for ISC Components	1
66		9.1			D1000339	ISC HAM3 Assembly	1
67					DXXXXXX	Cabling BOSEMS (routing information from component to bracket on table)	

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1	<b>D0900520 - AdvLIGO Systems, HAM3-L1 Top Level Chamber Assembly B.O.M.</b>						
2	ITEM				PART NUMBER	DESCRIPTION	QTY.
68					DXXXXXX	Cabling drawing	
69						Fasteners to connect to table?	
70	10				D1101463	Cable Harness Routing Configuration - HAM3	1
71	11				D1101394	AdvLIGO SEI HAM3-L1, XYZ Local for OptLev DLC Components	1
72		11.1			D1101392	AdvLIGO OptLev Rigid Optic Mount Assembly	1
73		11.2			D0901488	ALIGO_HAM_TABLE_FORK	1
74					90128A247	SCREW, SOC HD CAP, 1/4-20 X 1	1
75							
76						* These Assemblies are common to all HAM Chambers	