LHAM6 - D0901811 - Coordinates Definition

DRAWING #	COORDINATES DEFINITION
	Systems defines the location of the HAM6-L1 0,0,0 Local CS at the origin of the Assy.
D0901812 AdvLIGO VE HAM6-L1, Vacuum Equipment Assembly	The position of the Vacuum Equipment is defined by: 1. Positioning the CS in the VE Assy at **300.0** mm above the Nozzle "A" Centerline (Z = -300.0 mm) as per DCC Doc T010076-v1 Page 29 2. The orientation of the Chamber with respect to the IFO Global CS is defined by DCC Doc G1000125-v8 3. Systems insert the assembly mating the AdvLIGO 0,0,0 Local CS from the VE Assy, to the HAM6-L1 0,0,0 Local CS at the origin of the Assy
D1100979 AdvLIGO SEI HAM6-L1, XYZ Local CS for ISO Table Assembly	The position of the ISO TABLE is defined by: 1. Positioning the CS in the ISO Table Assy at **200.1** mm above the Table Optical Surface as per DCC Doc E1000403-v2 2. The orientation of the ISO Table with respect to the IFO Global CS is defined by DCC Doc G1000125-v8 3. Systems insert the assembly mating the AdvLIGO 0,0,0 Local CS from the ISO Table Assembly, to the HAM6-L1 0,0,0 Local CS at the origin of the Assy
D1000514 HEPI, HAM, Chamber Level Assembly, aLIGO SEI	The position of the HEPI is defined by: 1. Positioning the CS in the HEPI Assy at **1864.0** mm above the concrete floor as per DCC Doc E1000659-v2 2. The orientation of the HEPI with respect to the IFO Global CS is defined by DCC Doc G1000125-v8 3. Systems insert the assy mating the AdvLIGO 0,0,0 Local CS from the HEPI, to the HAM6-L1 0,0,0 Local CS at the origin of the Assy
D1200317 AdvLIGO SEI HAM6-L1, XYZ Local CS for ISC BlockDiagram Assembly	The position of the ISC BlockDiagram Assembly (ISC) is defined by: 1. ISC provides the assembly **(D1000342)** with all components already defined on the HAM Table 2. Systems creates the 3D Sketch to position the Assy D1102400 on the HAM Table. 3. Systems insert the assembly mating the AdvLIGO 0,0,0 Local CS from the ISC BlockDiagram Assy, to the HAM6-L1 0,0,0 Local CS at the origin of the Assy
D1201021 AdvLIGO HAM6-L1 ISI Table, XYZ Local CS for Balance Masses Assembly	The position of the Balance Masses Assembly is defined by: 1. Positioning the CS in the Masses Assy at **200.1** mm above the Table Optical Surface as per DCC Doc E1000403-v1 2. Systems creates the 3D Sketch to position the Assy D1200428 on the HAM Table 3. Systems insert the assembly mating the AdvLIGO 0,0,0 Local CS from the Balance Masses Assy, to the HAM6-L1 0,0,0 Local CS at the origin of the Assy
D1300122 Cable Harness Routing Configuration - HAM6	The position of the Cable Harness is defined by 1. Positioning the CS in the Cable Harness Assy at **200.1** mm above the Table Optical Surface as per DCC Doc E1000403-v1 2. Systems creates the 3D Sketch to position the Assy D1300075 on the HAM Table 3. Systems insert the assembly mating the AdvLIGO 0,0,0 Local CS from the Cable Harness Assy, to the HAM6-L1 0,0,0 Local CS at the origin of the Assy