

Test Mass Optics: Summary of Location, Type, Method of Suspension, Install Dates

T1200324-v18 v18 updated 7th April 2014

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Site	Interferometer	Chamber	Optic Name	Optic actually used	serial #	pilot or final optic	Method of Suspension	Fiber weld start date or wire hang start date and schedule ID	Cartridge install start date and schedule ID	Comments
LHO	H2	BSC8	ITMY	Corning ETM coated as an ITM	ETM02	pilot	wire, metal prism break-off		Dec 2011 (actual)	installed, then removed to BSC1 (see below)
		BSC6	ETMY	Corning ETM coated as an ITM	ETM04	pilot	monolithic		April 2012 (actual)	installed
LHO	H1	BSC1	ITMY	Corning ETM coated as an ITM	ETM02	pilot	wire, metal prism break-off	N/A, see comments	November 2012 (actual)	installed - transferred from BSC8
		BSC1	ITMY		ITM11	final	monolithic	done	N/A, see comments	Build up new lower stage in LVEA and carry out monolithic assembly before vent and swap. Vent and swap start date is 17 June 2014 (IN-H1-F5116).
		BSC3	ITMX		ITM09	pilot	wire, sapphire prism break-off	done	done	installed
		BSC3	ITMX		ITM03	final	monolithic	done	N/A, see comments	Build up new lower stage in LVEA and carry out monolithic assembly before vent and swap. Vent and swap start date is 3 June 2014 (IN-H1-F3880).
		BSC9	ETMX		ETM08	final	monolithic	done	done	installed
		BSC10	ETMY		ETM12	final	monolithic	done	done	installed
LLO	L1	BSC1	ITMY		ITM08	final	monolithic	done	done	installed
		BSC3	ITMX		ITM04	final	monolithic	done	done	installed
		BSC4	ETMX		ETM03	final	monolithic	done	done	installed
		BSC5	ETMY		ETM09	final	monolithic	done	done	installed
Dates from G100061-v52 (April 2014)										