

LLO IM1, IM2, and IM3 alignment shifts				
	13-Sep	14-Nov	25-Nov	
	alignment diff	alignment diff	alignment diff	
IM1 p	-20.4	0.0	-1.0	urad
IM1 y	-4.6	2.4	-0.9	urad
IM2 p	1.1	6.4	-2.4	urad
IM2 y	-2.3	2.6	-1.0	urad
IM3 p	37.1	-22.6	7.1	urad
IM3 y	-0.1	0.0	-0.4	urad
	shaking	shaking	shaking	
IM1 p	6.5	1.1	3.3	mrاد
IM1 y	1.8	0.9	1.3	mrاد
IM2 p	2.9	0.6	1.3	mrاد
IM2 y	2.6	1.3	2.3	mrاد
IM3 p	4.7	1.9	2.5	mrاد
IM3 y	2.5	1.3	1.9	mrاد
ISI x	1.01	0.01	0.04	mm
ISI y	0.78	0.01	0.06	mm
ISI z	1.57	0.01	0.06	mm
ISI rx	0.24	0.00	0.00	mrاد
ISI ry	0.19	0.00	0.00	mrاد
ISI rz	0.69	0.00		mrاد
start	1126152540	1131479057	1132437097	GPS
stop	1126177740	1131498257	1132447397	GPS