

Appendix A: Periods Identified by the Timing Diagnostic System during O3A

The periods identified with yellow or blue lines had been traced to events external to the timing system. In Tables I-II we provide a precise lists of the GPS times of these brief periods for reference. Table I shows these times for LHO during O3A; Table II shows these times for LLO during O3A. None of these periods include the GPS time of a confirmed GW event.

Start Time	End Time
1238263200	1238266200
1238870700	1238871720
1239469200	1239473220
1240081200	1240083720
1241218800	1241221680
1243706400	1243707300
1244311200	1244312580
1245526200	1245526980
1246125600	1246127040
1246650900	1246650900
1246730400	1246731480
1247335200	1247337480
1248544800	1248548220

TABLE I. The GPS time windows corresponding to external system issues at LHO during O3A as identified by the timing diagnostic system.

Start Time	End Time
1238170320	1238170380
1238251800	1238252700
1238853600	1238856180
1239462000	1239464220
1239716820	1239718020
1239762120	1239763320
1240678800	1240680240
1243087200	1243088460
1243098000	1243100760
1245510000	1245511140
1246734000	1246735020
1248541200	1248544440
1249146000	1249148520
1249747200	1249748820
1250359200	1250359560
1250960400	1250963940
1251583200	1251585420
1252166400	1252168200
1252494000	1252494720
1252764000	1252766640
1253026800	1253027340

TABLE II. The GPS time windows corresponding to external system issues at LLO during O3A as identified by the timing diagnostic system.