

Shot locations and times

TANK	35	59.123	120	32.504	771 m	2005	124	18:19:59.9996222
TANK*	35	59.123	120	32.504	771 m	2005	124	19:09:59.9994104
CVCR	35	59.679	120	31.681	834 m	2005	124	17:29:59.9998186
KARL	36	00.306	120	31.074	1012 m	2005	123	20:59:59.9991496
KOOL	36	00.185	120	32.826	832 m	2005	123	21:59:59.9999289
LEEP	35	59.572	120	30.391	1017 m	2005	123	20:00:00.0992286
LCCB	35	58.820	120	31.046	721 m	2005	123	18:20:00.0000455
FLIP	35	58.286	120	31.964	814 m	2005	123	17:20:00.0002348
PIES	35	59.811	120	33.463	678 m	2005	123	17:09:59.9999826
POLE	36	00.314	120	34.425	592 m	LOST	123	18:09:59.9998825
BURN	35	59.006	120	34.110	675 m	2005	123	20:29:59.9996681
VINE	35	56.776	120	32.352	610 m	2005	123	22:29:59.9994454
CRAK	35	57.329	120	31.343	715 m	2005	124	16:19:59.9999740
PIGH	35	58.208	120	33.611	653 m	2005	123	21:29:59.9995315

Notes:

These times, with one exception (POLE – see note below) are the GPS sync times recorded by the PASSCAL provided sync box and triggered by the USGS shot box.

They are arguably the best time we have for the shot origin time. The only additional delays would be due to detonation time for the shot cap and for about 50' of primacord (to the top of a 60' long charge). These are presumed to be negligible.

The time for POLE was not recorded, and a correction has been interpolated between shots on either side (PIES and BURN). The deduced correction is consistent with the offset determined by resyncing the blaster clock after 8 hrs and 11 minutes of operation.

The “*TANK” time is the time of the detonation of the surplus primacord.