

## GLAST TVAC NRL 2008

E2E ID	Run ID	Events	Duration	Trigger Rate	TEM errors	Description	TEM 1 track Diag (%)
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**Bay 10, TKR layer 0 now read out entirely from right side**

### GLAST Is Horizontal

#### Pre-TVAC CPT

nomSciOps	77016353	32579	1799	18.1	0	Nominal Science Operations	OFF 47
nomSciOps	77016418	31923	1799	17.7	0	Nominal Science Operations	OFF 48
nomSciOps	77016433	30892	1798	17.2	0	Nominal Science Operations	OFF 47
nomSciOps	77016497	31011	1799	17.2	0	Nominal Science Operations	OFF 47
nomSciOps	77016546	31066	1800	17.3	0	Nominal Science Operations	OFF 47
nomSciOps	77016561	30940	1800	17.2	0	Nominal Science Operations	OFF 47
22x	77016461	1993160	8664	230.1	3	Straight muon run	OFF 71
hiRateGnd	77016354	3872769	1800	2151.5	17	Muons + high Rate periodic trigger with prescaled DGN	OFF 5
hiRateGnd	77016419	3868287	1799	2150.2	15	Muons + high Rate periodic trigger with prescaled DGN	OFF 5
hiRateGnd	77016434	3864942	1799	2148.4	15	Muons + high Rate periodic trigger with prescaled DGN	OFF 5
hiRateGnd	77016498	3860879	1799	2146.1	21	Muons + high Rate periodic trigger with prescaled DGN	OFF 5
hiRateGnd	77016548	3861973	1799	2146.7	21	Muons + high Rate periodic trigger with prescaled DGN	OFF 5
hiRateGnd	77016562	3860844	1799	2146.1	19	Muons + high Rate periodic trigger with prescaled DGN	OFF 5

### TVAC: Hot Thermal Balance

71x	77016651	413717	1799	230.0	0	Straight muon run – TKR&&ROI in 4-range readout	OFF 70
71x	77016652	415667	1799	231.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF 70
71x	77016653	415109	1798	230.9	0	Straight muon run – TKR&&ROI in 4-range readout	OFF 70
71x	77016654	415838	1799	231.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF 70
71x	77016655	416772	1799	231.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF 70
71x	77016656	415725	1799	231.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF 70

71x	77016657	416806	1800	231.6	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016658	415690	1799	231.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016659	415645	1799	231.0	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016660	415421	1800	230.8	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016661	417968	1800	232.2	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016662	416019	1799	231.3	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016663	416879	1799	231.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016664	416065	1799	231.3	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016665	416484	1799	231.5	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016666	417140	1799	231.9	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016667	418660	1799	232.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016677	424202	1800	235.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016679	424140	1799	235.8	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016681	425730	1800	236.5	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016683	525598	1799	292.2	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016685	425945	1799	236.8	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016687	427189	1800	237.3	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016689	425828	1799	236.7	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016691	424210	1799	235.8	2	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
hiRateGnd	77016676	3872949	1800	2151.6	8	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016678	3869728	1799	2151.0	15	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016680	3870879	1799	2151.7	22	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016682	3872800	1800	2151.6	14	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016684	3870457	1799	2151.4	16	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016686	3875430	1800	2153.0	21	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016688	3874251	1800	2152.4	14	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016690	3872632	1800	2151.5	17	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016692	3867965	1799	2150.1	20	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
nomSciOps	770			#DIV/0!		Nominal Science Operations	OFF	
nomSciOps	770			#DIV/0!		Nominal Science Operations	OFF	
nomSciOps	770			#DIV/0!		Nominal Science Operations	OFF	

### TVAC: Hot Plateau Cycle #1

hiRateGnd	77016731	3864654	1799	2148.2	10	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
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hiRateGnd	77016783	3850346	1794	2146.2	21	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016797	3847118	1794	2144.4	19	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016829	3848064	1794	2145.0	14	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016831	3847204	1794	2144.5	23	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016833	3847085	1794	2144.4	18	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016835	3847222	1793	2145.7	23	Muons + high Rate periodic trigger with prescaled DGN	OFF	5

nomSciOps	77016730	31289	1800	17.4	0	Nominal Science Operations	OFF	47
nomSciOps	77016780	31073	1794	17.3	0	Nominal Science Operations	OFF	47
nomSciOps	77016796	30076	1794	16.8	0	Nominal Science Operations	OFF	47

22x	77016828	409393	1794	228.2	0	Straight muon run	OFF	70
22x	77016830	409621	1794	228.3	0	Straight muon run	OFF	71
22x	77016832	410153	1794	228.6	0	Straight muon run	OFF	70
22x	77016834	409953	1794	228.5	0	Straight muon run	OFF	70
22x	77016836	1287537	5601	229.9	4	Straight muon run	OFF	70

### TVAC: Cold Thermal Balance Cycle #1

71x	77016882	421309	1800	234.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016883	420181	1799	233.6	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016884	420810	1799	233.9	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016885	421239	1799	234.2	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016886	419699	1799	233.3	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016887	421538	1799	234.3	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016888	420937	1799	234.0	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016889	421783	1799	234.5	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016890	422657	1800	234.8	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016891	420501	1799	233.7	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016892	422173	1800	234.5	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016893	420673	1800	233.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016894	419237	1798	233.2	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016895	419643	1798	233.4	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016896	420183	1799	233.6	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016897	420350	1799	233.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016898	418858	1799	232.8	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70

71x	77016899	419637	1799	233.3	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016900	418490	1800	232.5	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016901	419269	1799	233.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016902	418316	1799	232.5	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016903	418649	1799	232.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016904	416977	1799	231.8	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016905	417334	1799	232.0	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016914	416389	1798	231.6	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016915	416703	1799	231.6	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016916	415868	1799	231.2	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016917	415289	1798	231.0	2	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016918	416215	1798	231.5	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016919	413847	1799	230.0	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016920	413765	1799	230.0	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016921	413418	1799	229.8	1	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016922	414105	1800	230.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
71x	77016923	414012	1799	230.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70

### TVAC: Cold CPT Cycle #1

nomSciOps	77016958	35330	1799	19.6	0	Nominal Science Operations	OFF	47
nomSciOps	77017007	32728	1799	18.2	0	Nominal Science Operations	OFF	47
nomSciOps	77017024	32981	1799	18.3	0	Nominal Science Operations	OFF	47
hiRateGnd	77016959	3890942	1804	2156.8	19	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77016962	3877607	1798	2156.6	30	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017009	3871194	1799	2151.9	22	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017025	3871741	1799	2152.2	31	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
22x	77017048	1023239	4382	233.5	1	Straight muon run	OFF	70

### TVAC: Hot Plateau Cycle #2

nomSciOps	77017100	33141	1800	18.4	0	Nominal Science Operations	OFF	48
nomSciOps	77017138	32273	1799	17.9	0	Nominal Science Operations	OFF	48

nomSciOps	77017152	31550	1799	17.5	0	Nominal Science Operations	OFF	48
nomSciOps	77017186	30192	1799	16.8	0	Nominal Science Operations	OFF	47
nomSciOps	77017188	29547	1799	16.4	0	Nominal Science Operations	OFF	47
nomSciOps	77017190	30014	1799	16.7	0	Nominal Science Operations	OFF	47
nomSciOps	77017192	30072	1799	16.7	0	Nominal Science Operations	OFF	47

hiRateGnd	77017101	3873088	1799	2152.9	23	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017139	3867547	1800	2148.6	19	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017153	3865020	1799	2148.4	23	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017187	3855894	1799	2143.4	20	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017189	3856375	1799	2143.6	24	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017191	3856147	1799	2143.5	16	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017193	3856349	1799	2143.6	18	Muons + high Rate periodic trigger with prescaled DGN	OFF	5

71x	77017117	146041	611	239.0	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
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### TVAC: Cold CPT Cycle #2

nomSciOps	77017268	35571	1799	19.8	0	Nominal Science Operations	OFF	47
nomSciOps	77017282	35558	1799	19.8	0	Nominal Science Operations	OFF	47
nomSciOps	77017296	35545	1799	19.8	0	Nominal Science Operations	OFF	47

hiRateGnd	77017283	3875376	1799	2154.2	20	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017297	3876227	1799	2154.7	13	Muons + high Rate periodic trigger with prescaled DGN	OFF	5

71x	77017255	141186	611	231.1	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70
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22x	77017364	709281	3019	234.9	1	Straight muon run	OFF	70
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### TVAC Open Door: FSW B1-0-7 Regression Test & CPT

22x	77017421	430649	1799	239.4	1	Straight muon run	OFF	70
nomSciOps	77017445	32111	1799	17.8	0	Nominal Science Operations	OFF	48
nomSciOps	77017491	30531	1800	17.0	0	Nominal Science Operations	OFF	47
nomSciOps	77017506	29963	1798	16.7	0	Nominal Science Operations	OFF	47
nomSciOps	77017			#DIV/0!		Nominal Science Operations	OFF	
nomSciOps	77017			#DIV/0!		Nominal Science Operations	OFF	
nomSciOps	77017			#DIV/0!		Nominal Science Operations	OFF	
hiRateGnd	77017446	3868088	1799	2150.1	22	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017492	3863790	1799	2147.7	22	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017507	3864788	1800	2147.1	13	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017			#DIV/0!		Muons + high Rate periodic trigger with prescaled DGN	OFF	
hiRateGnd	77017			#DIV/0!		Muons + high Rate periodic trigger with prescaled DGN	OFF	
71x	77017461	143988	611	235.7	0	Straight muon run – TKR&&ROI in 4-range readout	OFF	70

### TVAC Cycle #3 GPS Rework Test

nomSciOps	77017576	30974	1798	17.2	0	Nominal Science Operations	OFF	47
nomSciOps	77017578	30845	1799	17.1	0	Nominal Science Operations	OFF	47
nomSciOps	77017			#DIV/0!		Nominal Science Operations	OFF	
hiRateGnd	77017577	3863130	1799	2147.4	19	Muons + high Rate periodic trigger with prescaled DGN	OFF	5
hiRateGnd	77017579	3862705	1799	2147.1	25	Muons + high Rate periodic trigger with prescaled DGN	OFF	5

### FSW B1-0-8 Upload (Open Door)

nomSciOps	77017626	16526	899	18.4	0	Nominal Science Operations	OFF	5
conSciOps	77017625	15471	899	17.2	0	Conservative Science Operations	OFF	47