

Trigger config for LAT-70x

version 10 July 2007

table alias = **trig-LAT70x**

Periodic rate **0x1E8480** Sysclock prescaled by 2000000 = 10 Hz

Periodic mode **0x1** Free-run

Periodic limit **0x0** None

wdw open mask **0xFE** Inhibit ROI

Engine	Ext	Sol	Per	CNO	CAL-HI	CAL-LO	TKR	ROI	STROBE	TACK	4-rng	0-supp	Marker	Inhibit	Prescale
0	1	x	x	x	x	x	x	x	0	1	0	1	0	0	0
1	0	x	x	x	x	x	0	1	0	1	0	1	0	0	0
2	0	1	x	x	x	x	x	x	0	1	0	1	0	0	0
3	0	0	1	x	x	x	x	x	0	1	1	0	0	0	0
4	0	0	0	1	x	1	1	1	0	1	1	1	0	0	0
5	0	0	0	1	x	x	x	x	0	1	0	1	0	0	0
6	0	0	0	0	1	x	x	x	0	1	0	1	0	0	0
7	0	0	0	0	0	x	1	0	0	1	0	1	0	0	0
8	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0
9	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0
10	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12-14														1	
15													5	0	

Trigger config for LAT-71x

version 10 July 2007

table alias = **trig-LAT71x**

Periodic rate **0x1E8480** Sysclock prescaled by 2000000 = 10 Hz

Periodic mode **0x1** Free-run

Periodic limit **0x0** None

wdw open mask **0xFE** Inhibit ROI

Engine	Ext	Sol	Per	CNO	CAL-HI	CAL-LO	TKR	ROI	STROBE	TACK	4-rng	0-supp	Marker	Inhibit	Prescale
0	1	x	x	x	x	x	x	x	0	1	0	1	0	0	0
1	0	x	x	x	x	x	0	1	0	1	0	1	0	0	0
2	0	1	x	x	x	x	x	x	0	1	0	1	0	0	0
3	0	0	1	x	x	x	x	x	0	1	1	0	0	0	0
4	0	0	0	1	x	1	1	1	0	1	1	1	0	0	0
5	0	0	0	1	x	x	x	x	0	1	0	1	0	0	0
6	0	0	0	0	1	x	x	x	0	1	0	1	0	0	0
7	0	0	0	0	0	x	1	0	0	1	0	1	0	0	0
8	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0
9	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0
10	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12-14														1	
15													5	0	

Trigger config for High-Rate Ground Muon Test

version 10 July 2007

table alias = **trig-hiRate**

Periodic rate **0x1388** Sysclock prescaled by 5000 = 4000 Hz

Periodic mode **0x1** Free-run

Periodic limit **0x0** None

wdw open mask **0xFE** Inhibit ROI

Engine	Ext	Sol	Per	CNO	CAL-HI	CAL-LO	TKR	ROI	STROBE	TACK	4-rng	0-supp	Marker	Inhibit	Prescale
0	1	x	x	x	x	x	x	x	0	1	0	1	0	0	0
1	0	x	x	x	x	x	0	1	0	1	0	1	0	0	0
2	0	1	x	x	x	x	x	x	0	1	0	1	0	0	0
3	0	0	1	x	x	x	x	x	0	1	0	0	0	0	0
4	0	0	0	1	x	1	1	1	0	1	1	1	0	0	0
5	0	0	0	1	x	x	x	x	0	1	0	1	0	0	0
6	0	0	0	0	1	x	x	x	0	1	0	1	0	0	0
7	0	0	0	0	0	x	1	0	0	1	0	1	0	0	0
8	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0
9	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0
10	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12-14														1	
15													5	0	

Trigger config for Nominal Science Ops

version 10 July 2007

table alias = **trig-nomSciOps**

Periodic rate **0x989680** Sysclock prescaled by 1000000 = 2 Hz

Periodic mode **0x1** Free-run

Periodic limit **0x0** None

wdw open mask **0xFE** Inhibit ROI

Engine	Ext	Sol	Per	CNO	CAL-HI	CAL-LO	TKR	ROI	STROBE	TACK	4-rng	0-supp	Marker	Inhibit	Prescale
0	1	x	x	x	x	x	x	x	0	1	0	1	0	0	0
1	0	x	x	x	x	x	0	1	0	1	0	1	0	0	0
2	0	1	x	x	x	x	x	x	0	1	0	1	0	0	0
3	0	0	1	x	x	x	x	x	0	1	1	0	0	0	0
4	0	0	0	1	x	1	1	1	0	1	1	1	0	0	0
5	0	0	0	1	x	x	x	x	0	1	0	1	0	0	249
6	0	0	0	0	1	x	x	x	0	1	0	1	0	0	0
7	0	0	0	0	0	x	1	0	0	1	0	1	0	0	0
8	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0
9	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0
10	0	0	0	0	0	0	1	1	0	1	0	1	0	0	49
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12-14														1	
15													5	0	

Trigger config for Background Study with Prescaled Engines

version 10 July 2007

table alias = **trig-bkgPrescaled**

Periodic rate **0x989680** Sysclock prescaled by 10000000 = 2 Hz

Periodic mode **0x1** Free-run

Periodic limit **0x0** None

wdw open mask **0xFE** Inhibit ROI

Engine	Ext	Sol	Per	CNO	CAL-HI	CAL-LO	TKR	ROI	STROBE	TACK	4-rng	0-supp	Marker	Inhibit	Prescale
0	1	x	x	x	x	x	x	x	0	1	0	1	0	0	0
1	0	x	x	x	x	x	0	1	0	1	0	1	0	0	0
2	0	1	x	x	x	x	x	x	0	1	0	1	0	0	0
3	0	0	1	x	x	x	x	x	0	1	1	0	0	0	0
4	0	0	0	1	x	1	1	1	0	1	1	1	0	0	29
5	0	0	0	1	x	x	x	x	0	1	0	1	0	0	29
6	0	0	0	0	1	x	x	x	0	1	0	1	0	0	29
7	0	0	0	0	0	x	1	0	0	1	0	1	0	0	29
8	0	0	0	0	0	1	0	0	0	1	0	1	0	0	29
9	0	0	0	0	0	1	1	1	0	1	0	1	0	0	29
10	0	0	0	0	0	0	1	1	0	1	0	1	0	0	29
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12-14														1	
15													5	0	

Trigger config for Background Study of Nadir

version 10 July 2007

table alias = **trig-bkgNadir**

Periodic rate **0x989680** Sysclock prescaled by 10000000 = 2 Hz

Periodic mode **0x1** Free-run

Periodic limit **0x0** None

wdw open mask **0xE2** Inhibit CNO CALHI CALLO ROI

Engine	Ext	Sol	Per	CNO	CAL-HI	CAL-LO	TKR	ROI	STROBE	TACK	4-rng	0-supp	Marker	Inhibit	Prescale
0	1	x	x	x	x	x	x	x	0	1	0	1	0	0	0
1	0	x	x	x	x	x	0	1	0	1	0	1	0	0	0
2	0	1	x	x	x	x	x	x	0	1	0	1	0	0	0
3	0	0	1	x	x	x	x	x	0	1	1	0	0	0	0
4	0	0	0	1	x	1	1	1	0	1	1	1	0	0	29
5	0	0	0	1	x	x	x	x	0	1	0	1	0	0	29
6	0	0	0	0	1	x	x	x	0	1	0	1	0	0	29
7	0	0	0	0	0	x	1	0	0	1	0	1	0	0	29
8	0	0	0	0	0	1	0	0	0	1	0	1	0	0	29
9	0	0	0	0	0	1	1	1	0	1	0	1	0	0	29
10	0	0	0	0	0	0	1	1	0	1	0	1	0	0	29
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12-14														1	
15													5	0	