

# Master Control



## GLAST

ISOC Master Control

orbit

I&amp;T (SLAC)

I&amp;T (NRL)

I&amp;T (S/C)

Beam Test

Master Control

Activities

Alerts

Monitoring

Calibrations

Shift log

Housekeeping

Configuration

- Mission Planning Queries (drop down buttons)
  - Time
    - Activities
      - Run Number (if applicable)
  - Day
    - Activities
      - Run Number (if applicable)
  - Week Number
    - Activities
      - Run Number (if applicable)
- Data Monitoring Queries (drop down buttons)
  - Time
    - Activities
      - Run Number
  - Day
    - Activities
      - Run Number
  - Orbit Number
    - Activities
      - Run Number
  - Activities
    - Run Number
  - Run Number
- Default choices
  - defined by most recent time stamp?
- Summary table
  - For each set of queries display choices in printer friendly way
- Week, orbits
  - from 1 to N – does not rollover
  - do we need flexibility such as N week periods?
- Activities with any type of data with a concept of run
  - Science
  - Science ToO
  - Science ARR
  - Calibrations
- Activities with data but not clear concept of run exists
  - Diagnostic
    - debugging, do not care about data for Physics
  - Quiescent
    - file uploads/change modes/may get a memory dump
  - Hold
    - almost like quiescent but commands are not allowed to bring us into physics
  - Boot
    - boot telemetry, memory dump
- Activities without any data (no need for runs)
  - Commands

# Monitoring



## GLAST

orbit

ISOC Monitoring

Master Control

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Configuration

RunID 12345 Ref: Default Update

[Histograms](#) [Definitions](#)[Jira Release 0.7.8](#) [Log in](#)

### Monitoring Distributions for run [12345](#)

Default reference for this release is v7r3p2 . [Commentary](#) [RM Summary](#)

	Subsystem	Configuration	Summary Plots	Details	Pass/Fail	Comments	Data Files	Alerts
✗	LAT	<a href="#">431243</a>	<a href="#">43</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 1 2005</a>	<a href="#">digi recon merit svac</a>	<a href="#">10</a>
✗	Trigger	-	<a href="#">34</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 4 2005</a>	-	
✓	FSW	-	<a href="#">12</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 14 2005</a>	-	
✓	ACD	-	<a href="#">23</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 22 2005</a>	<a href="#">acd</a>	
✗	CAL	-	<a href="#">13</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 2 2005</a>	<a href="#">cal</a>	
✓	TKR	-	<a href="#">23</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 22 2005</a>	<a href="#">tkr</a>	
✓	SAS	-	<a href="#">43</a>	<a href="#">443</a>	<a href="#">443/0</a>	<a href="#">Dec 1 2005</a>	-	

Not sure what  
the criteria will be

ID of config from MOOT  
Link to a page with tables with  
values of config used  
(need tabs to handle 16 modules etc)

No reference  
plots needed

Reference  
plots  
(tabs needed to)

Linked from  
Shift log  
(date of last comment  
related to this run)

to be connected  
to photon lists at some point

to be connected  
to alerts page  
contain mostly transients  
and  
things such as HV out of  
range