

Monitor	Author	DCC ID	Summary
<u>BicoMon</u>	-	-	-
<u>BitTest</u>	<u>John Zweizig</u>	-	Checks for stuck bits and repeated words in the raw data
<u>CorrMon</u>	<u>Adrian Ottewill</u>	-	Measure interchannel correlations and optionally estimate linear response functions
<u>DEnvCorr</u>	<u>Adrian Ottewill</u>	-	Measure and remove cross correlations between a signal channel and one or more environment channels.
<u>DTracker</u>	<u>Adrian Ottewill</u>	-	Multitaper line tracker.
<u>DuoTone</u>	<u>Szabolcs Marka</u>	-	Measures LSC timing stability using RAMP and Dual-Tone sinusoids.
<u>GainMon</u>	<u>Patrick Sutton</u>	-	This monitor tracks the unity gain frequency for the DARM loop
<u>HistCompr</u>	<u>John Zweizig</u>	-	Make histograms of [filtered] data [trigger on differences from reference].
<u>IRIG-B</u>	<u>Szabolcs Marka</u>	-	Measure timing stability relative to IRIG-B signals.
<u>InspiralMon</u>	<u>Duncan Brown</u>	-	Monitor online compact binary inspiral search
<u>LIGOLwMon</u>	<u>Duncan Brown</u>	-	A monitor for displaying time series data derived from LIGO LW XML files.
<u>LineMonitor</u>	<u>Sergey Klimenko</u>	-	Monitoring of amplitude, frequency and phase of narrow resonances.
<u>Listen</u>	<u>John Zweizig</u>	-	Send a specified channel to the audio device of your workstation.
<u>LockLoss</u>	<u>David Chin</u>	-	Watch for acquisition and loss of lock.
<u>LscMonitor</u>	-	-	-
<u>MTLineMon</u>	<u>Adrian Ottewill</u>	-	Use multitaper spectral methods to identify and remove spectral lines.
<u>MultiVolt</u>	<u>Daniel Sigg</u>	-	Monitor power line frequency, RMS and harmonic content
<u>NoiseFloorMonitor</u>	-	-	-
<u>PSLmon</u>	<u>John Zweizig</u>	-	Generic monitor program (Spectra, Glitches and Bands) for PSL and others
<u>PTmon</u>	<u>Natalia Zotov</u>	-	Glitch monitor using peak-trough (peak-to-peak) time series.
<u>PhotonCal</u>	<u>Peter Kalmus and Szabolcs Marka</u>	-	Measures LSC calibration using the photon calibrators.
<u>PlaneMon</u>	<u>Evan Goetz</u>	-	Monitors microphone channels for airplane signals and records airplane events.

PulsarMon	Giovanni Santostasi	-	A Periodic Source Sensitivity Monitor for the DMT
RayleighMonitor	Patrick Sutton	-	Real-time display of Raleigh statistic (a measure of noise gaussianity)
SegGener	John Zweizig	-	Construct arbitrary segment table entries from OSC conditions.
SenseMonitor	Patrick Sutton	T030276-00-Z	A Binary-Inspiral Sensitivity Monitor for the DMT
ServoMon	David Chin	-	Watch for servo instabilities.
ShapeMon	Szabolcs Marka	-	Monitor spectral shape stability
Slice2	John Zweizig	-	Look for improper time ordering of data slices.
SpecMon	-	-	-
SpectrumArchiver	-	-	-
SpectrumFold	Vladimir Dergachev	-	Diagnose excess power in bins at multiples of a fixed frequency (in particular 0.25 Hz)
Station	-	-	-
StochMon	Marc J. Cenac	-	A Stochastic Sensitivity Monitor for the DMT
StrainbandsMon	Ramon Armen	-	A monitor to keep track of the strain within certain frequency bands.
TimeMon	Szabolcs Marka	-	Monitor timing card stability using ramp signals
TrigDsply	John Zweizig	-	Display raw or filtered data associated with a list of triggers
TrigSpec	-	-	-
WaveMon	Sergey Klimenko	-	Monitoring of glitches using wavelet time-frequency analysis
absGlitch	Rauha Rahkola	-	Glitch monitor using fixed trigger thresholds.
blrms_monitor	Edward Daw	-	Apply a bank of IIR bandpass filters to timeseries data
burstMon	Sergey Klimenko	-	BurstMon is the DMT tool for monitoring of the performance of LIGO detectors. The performance estimation is based on the burst Figures of Merit (BFOMs) produced in real time for each LIGO detector. There are three types of BFOMs: 1) glitch rates, 2) detector sensitivity to injected waveforms and 3) noise variability. The monitor produces data for the DMTViewer and trends: 1 min trends for rate and sensitivity, and 1 sec trends for noise variability.
dewarMon	-	-	-

eqMon	Rauha Rahkola	-	An earthquake monitor.
fastGlitch	Stefan Ballmer	-	Tool to plot filtered time series around given trigger times.
glitchMon	Masahiro Ito	-	Generate a trigger when the signal exceeds threshold.
kleineWelle	-	-	-
magGlitch	Masahiro Ito	-	glitchMon optimized for magnetometer data.
sigma	Akash Kansagra	-	Utility to display data graphically as time, frequency series and histogram.
suspensionMon	-	-	-