



S5 Online Inspiral Analysis

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Caltech

LIGO-G060158-00-Z

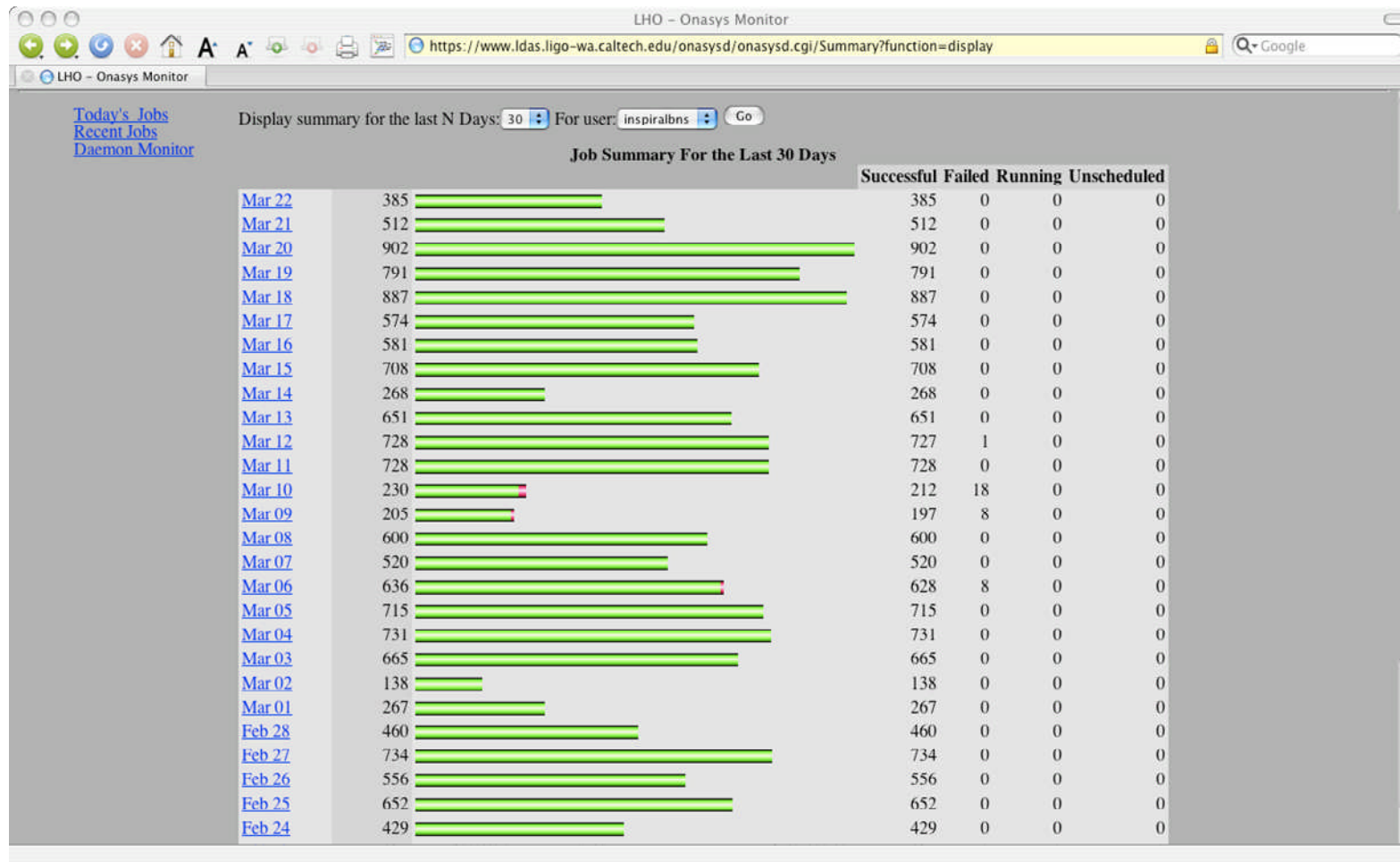


Current Status

- BNS Running well since Jan 15
 - » All problem ironed out, correct calibration, etc.
- BBH also now online and stable (Messaritaki)
- InpiralMon latency decreased
 - » After 2048 sec startup transient, updates every 200 sec
- Glitch pages created for each IFO every 24 hours
 - » Loudest 10 events with SNR over 25
 - » Time of trigger, SNR, eff_distance, end frequency of template
 - » IFO state (Science, Injection) and DQ flags generated by the DMT
- Generic monitor (LIGOLwMon) currently being tested to allow other searches to display
 - » Excess Power Search, GRB display
 - » Adding trend frames to LIGOLwMon



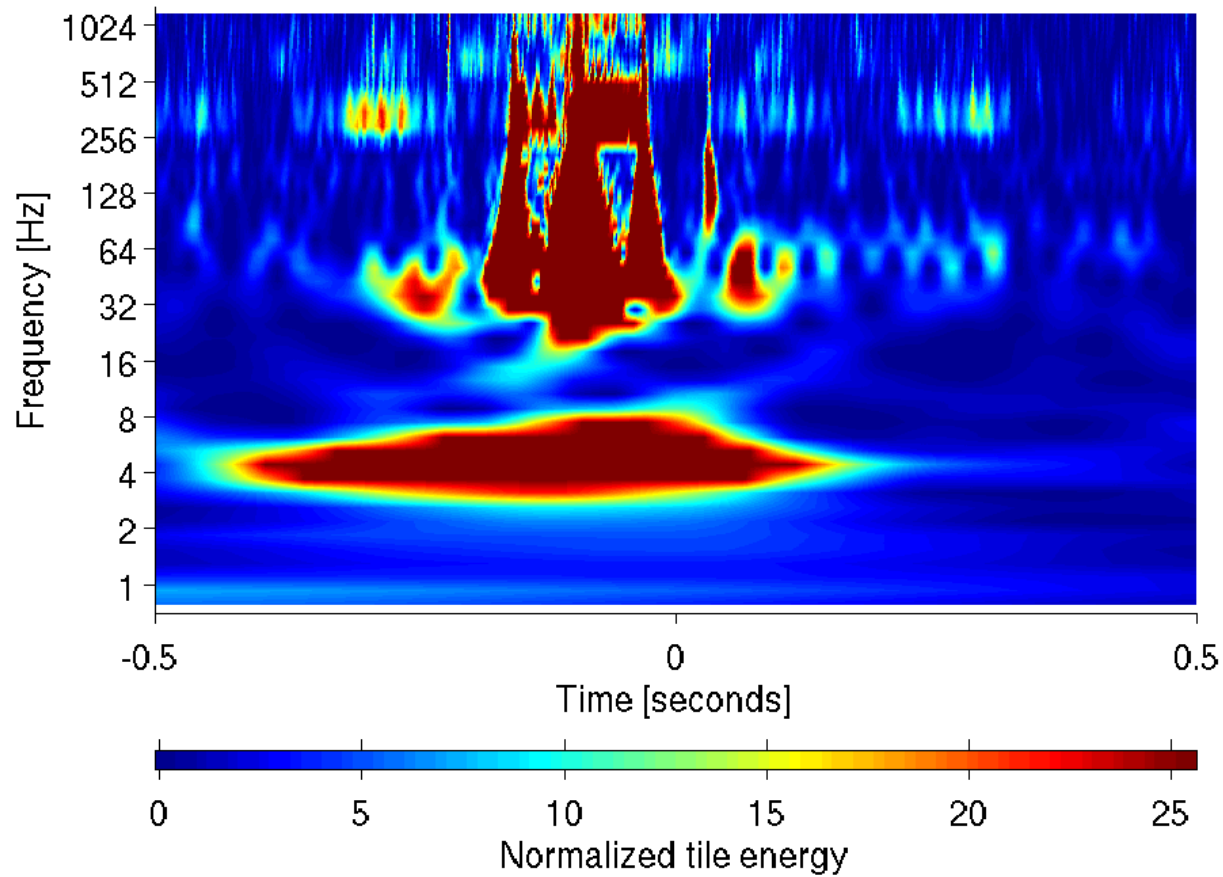
LHO Status Today





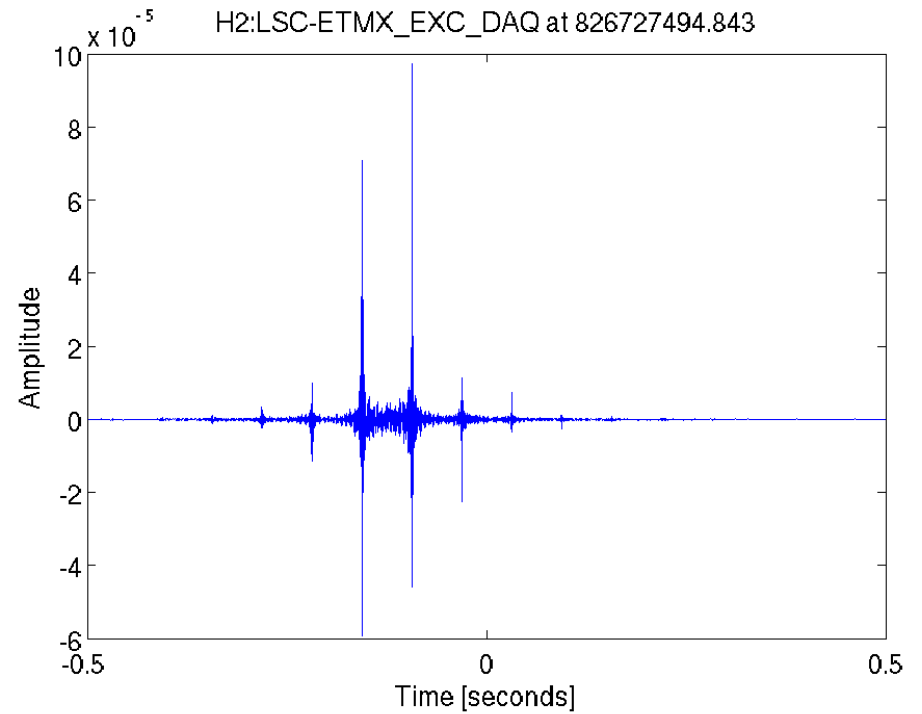
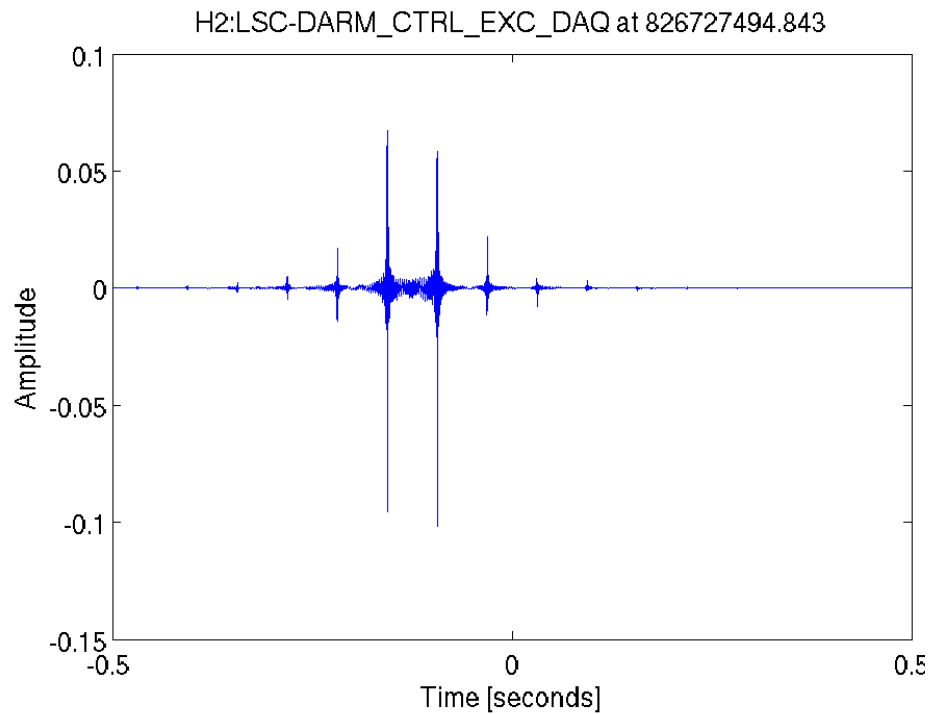
H2 Excitation Channel Glitches

H2:LSC-DARM_ERR at 826727494.843 with Q of 5.7



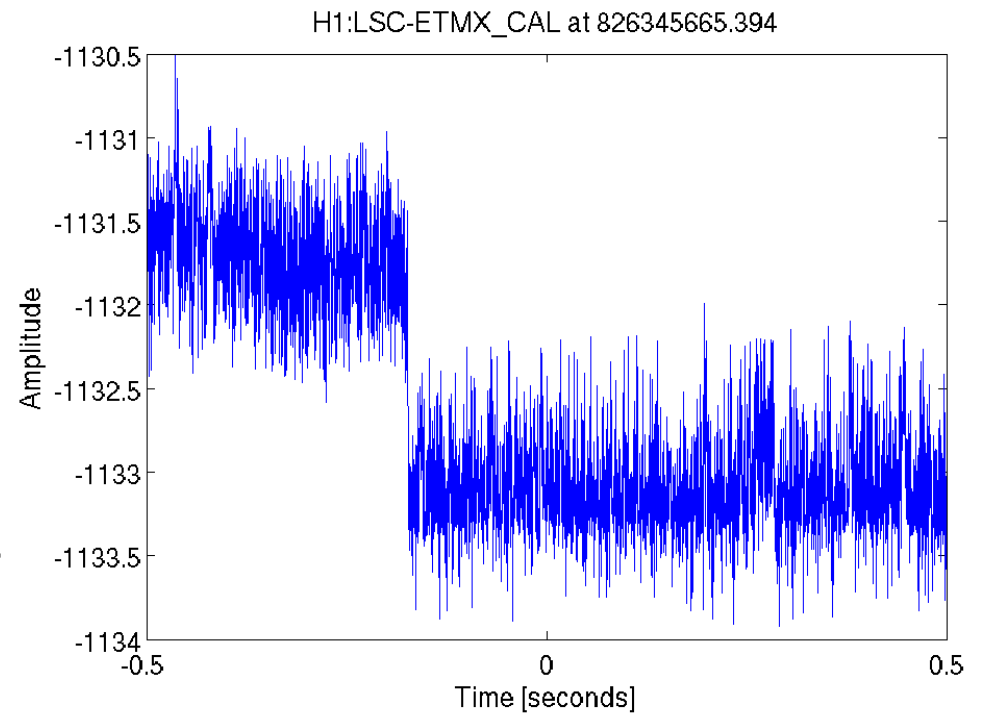
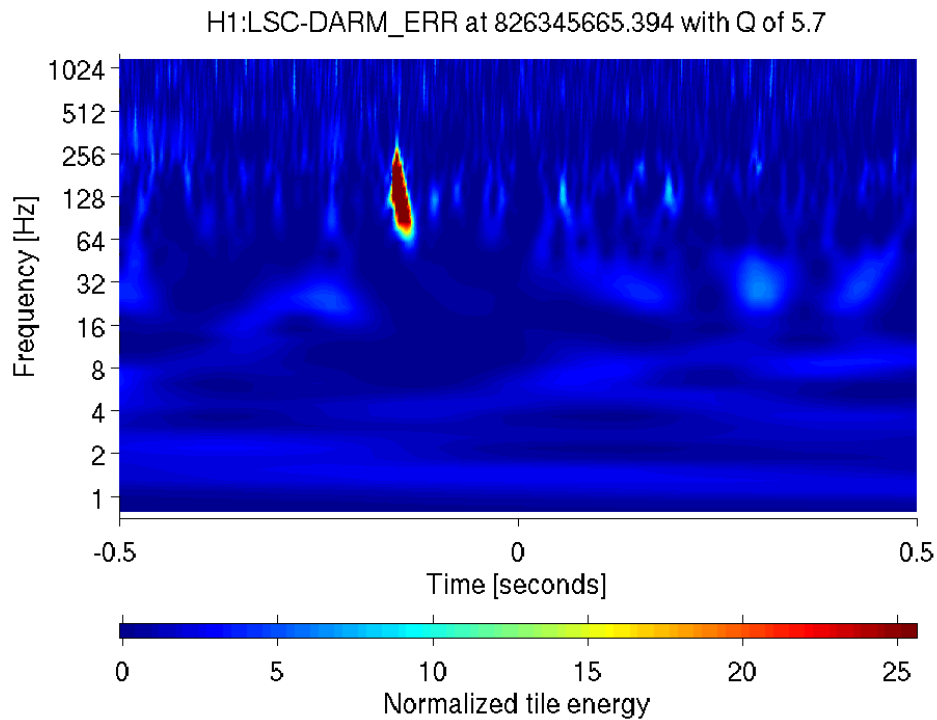


H2 Excitation Channel Glitches



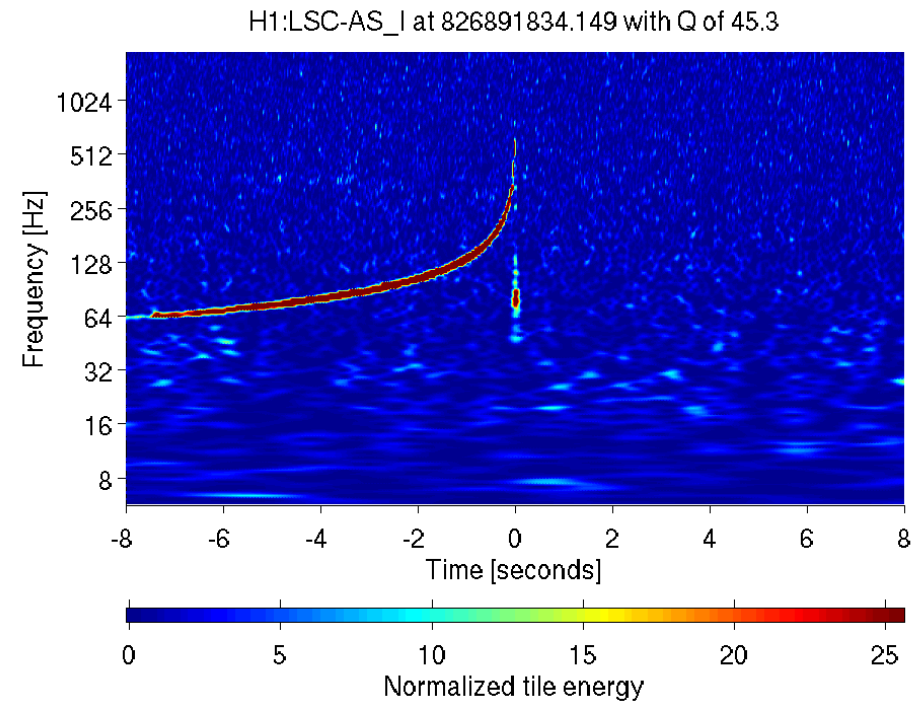
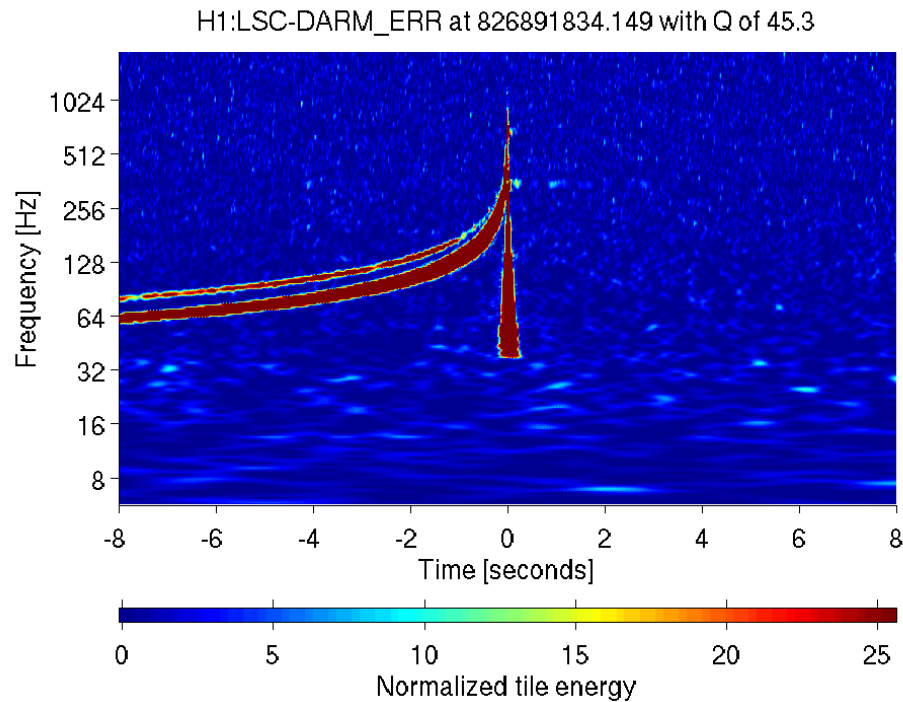


H1 Excitation Channel Glitches





Hardware Injections



- 1.4,1.4 Msun at 100kpc (SNR 2254)
- Error in measured distance was 3% (0.097 Mpc)
- Jan 15 - Feb 8 Hardware Injections