Stochastic Sources Upper Limit Group Progress Report

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1. Mock Data Challenge

   (a) September 4-10, at MIT

   (b) Joint Burst/Stochastic MDC

   (c) Verify correctness of search code, parallel analyses, LDAS CIT remote-support model

2. Data conditioning code development

   (a) Violin modes - Kalman filtering (Finn)

   (b) Power mains - regress with PEM channel (Searle)

3. LAL code development

   (a) Calculate cross-correlation statistic spectrum (Whelan)

   (b) Coarse-grain a frequency series (Whelan)

   (c) Simulate stochastic background signals (Allen, Bose)

4. LALwrapper stochastic shared objects

   (a) ifo-ifo correlations (Anderson)

   (b) ifo-bar correlations (Heng, McHugh)

   (c) Preliminary testing underway (Whelan)