



GWIC Network Analysis Subgroup Meeting at Caltech

Albert Lazzarini
11 February 2001



Agenda Items

- Focus of this meeting is on near term cooperation to identify:

1. Reduced data set for exchange;

- » Elaborate format (beyond “frames”)
 - Relational databases tables(?)
 - Naming conventions
- » Specific channels of interest
- » Transformations necessary to render data mutually easy to understand and analyze
- » Useful data bandwidths



Agenda Items (continued)

2. Discussion of existing and necessary infrastructure to exchange data continually

- » Hardware
- » Software
- » Networks

3. Identification of events database requirements

- » Elaborate format (beyond “frames”) - relational databases tables(?)
- » Standard description of instrumental performance, noise statistics, algorithms, templates, ...



LIGO's goals

- Success in the near term establishes a firm basis for the future, when $h[t]$ data become available;
- Learn how to use ancillary channels to improve sensitivities for coincidences, cross-correlations;
- Establish teams who will begin to carry out joint data analysis NOW;
- Share the workload
 - » Share experience/knowledge/issues/problems/...
 - » Identify specific tasks and responsible teams