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# Data Quality Flagging S5 Elog Entries

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Issue:



# Important DQ Information in Elogs

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- Elogs - Electronic logs for both Livingston and Hanford sites
- Record of observations made of environmental and detector issues that could affect data quality
- Need a list of “flags” based on these observations
  - » Date of observation may not be the same as data affected
  - » Computer-readable list



# Work Done So Far

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- Webpage <http://www.andrews.edu/~tzs/detchar>
- Two Andrews undergraduates - Nick Valles and Jon Van Ornam started listing DQ flags
  - » ~ 2 months at each site

QuickTime™ and a  
TIFF (LZW) decompressor  
are needed to see this picture.



# Work Done So Far

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# Work Needed

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- Fill in the rest of the webpages!
  - » Translate elog observations to data quality flags
  - » Record start & stop times, segments affected, etc
- Call for volunteers



# Ideas for Improvements

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- Increase automation for generating web pages
- Switch computer-readable format to ilwd
  - » ilwd - xml with certain headers
  - » ilwdread - MATLAB function in Ligotools
  - » ilwdwrite - MATLAB function to write ilwd
- Any suggestions?