Notes from 25 February

Jim: report from TIMSDB file
Found headers
Got them from TIMSDB database file.
No data dictionary included – we'll have to make one.
Main data is baseline and on-peak data. But who knows??
TIMSAD file contains Tripoli-like data, but unclear how to transform one into the other. Need a map, but first need to know what they are.
Noah will contact Alan Kirk to get explanations of table headers
Scott: additionally need information about what isotope is on a different collector at each time.
Might need that from the method file. Noah will send TIMSAM file to Jim

New discussion: **Value Model needs updating**
An object in Java that stores its name, value, and uncertainty.
Jim: need to sketch these out. Different levels of systematic uncertainties. Goal: capture meaningful names. Scott: will need to keep track of covariance/correlation structure as well.
Scott: let's think about non-Gaussian in terms of skewness and kurtosis. Jim, let's start there.

Scott: start the search for MCMC at locations of standard values. That way you don't start things anew. Faster!

Noah: logo proceeding, creating accurate sector field mass spec.
In preparation for the launch announcement, I think we need a web presence with current and future tripoli capabilities. And a logo.
Noah: will contact instrument manufacturers and Iolite folks in March.