

Fw IQA Compliance for JAG Data

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----- Forwarded by Mark K Sogge/DO/USGS/DOI on 09/10/2010 02:59 PM -----

From: Mark K Sogge/DO/USGS/DOI

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Date: 06/19/2010 12:02 PM

Subject: Re: IQA Compliance for JAG Data

Steve,

This is similar to USGS practice when posting streamgage data, so it works for me.

Mark

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Date: 06/19/2010 12:38 PM

Subject: IQA Compliance for JAG Data

Bob, Tom, Rost, Jim, Beth, Jerry, Mark, Al.

We had a discussion in the JAG this morning concerning our compliance with IQA. For the CTD (salinity, temperature, conductivity, oxygen) and fluorometry data, I am confident that the National Oceanographic Data Center's QA/QC protocols assure that data are faithfully transferred from instrument to data files and the data are cleaned for outliers, as is their usual routine for going to master data. Rost assures me such procedures are being followed. Of course there are always calibration issues but he also said they have metadata on the data fields that can be posted with the reports. The issue then is bottle data (TPH, VOA). I understand that the data are now being screened by Dr. Jim Farr, who is an experienced chemist. I also know there is also a data clearance "package" that comes back from the lab. However, that package is not as timely as the data themselves. Recognizing the need for timely data and QA/QC, I recommend a compromise. That all bottle data (TPH, VOA) be

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screened by Jim Farr, and that questionable data not be posted or used until the full QA/QC arrives. However, when we have data that meet Jim's standards that we use it as "preliminary QA/QC data, subject to revision" and that when the lab qa/qc is available for each datum that the results be modified if appropriate and stamped as "final QA/QC". This would hopefully cover us and allow timely use of information.

How does everyone feel about this way forward?

thanks

-Steve