

To: IOOS Program Office
From: Melissa Iwamoto, Director, PacIOOS
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RE: Updates to the Data Management Component of the PacIOOS since 2015

While a lot has occurred within PacIOOS over the past 5 years, the most important/notable changes with regard to data management are listed below. The chapters on QA/QC and Data Archiving have not changed, but we are now implementing everything as described/planned in 2015.

Data Management System (DMS) Reference Manual Updates:

- Chapter 2 (System Components) updated for the current sensor/model arrays;
- Chapter 3 (Data Server Spec) outlines our new virtual machine stack;
- Chapter 9 (Data Server Conf) updated to just include THREDDS, ERDDAP and GeoServers; and
- Chapter 10 (PacIOOS Projects) updated with recent projects.

Other data management documents updated or added (new):

- PacIOOS standard operating procedures document updated;
 - Datawell DWR4 manual added (new);
 - EMMM-68 buoy manual added (new);
 - EXO sensor user manual added (new); and
- Observing System Assets spreadsheet - new to replace Voyager map of assets