



**MARY KAY O'CONNOR  
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## **Improving Offshore Regulatory Data Reliability for Decision Making**

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### **Abstract**

As the need for quality data increases for both internal and public use for BSEE's regulatory enforcement activities, a greater emphasis has been placed on improving data reliability. A review of offshore operational event data in 2014, such as loss of well control and injuries, showed significant disparities between data entry and data validation, upwards of 35%. Without this data, BSEE cannot determine improvement to offshore safety and environmental management systems, or create new initiatives such as the Risk Based Inspections Program. To correct this issue, BSEE is taking a number of approaches; submitting defects to internal change request boards, implementing a data stewardship program and contracting Argonne National Lab to create a validation procedure. With the help of these initiatives, BSEE can replicate quality data sets for decision making and use by external stakeholders.