



Bureau of Safety and Environmental Enforcement

2015 BSEE Domestic and International Standards Workshop

Welcome!

May 8, 2015

“To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement.”

2015 BSEE Domestic and International Standards Workshop ~ Agenda

- Welcome
- Safety moment
- Opening remarks
- Introduction to the Workshop
- Review of 2014 Workshop
- Goals for the 2015 Workshop
- Break into Technical Sessions

Technical Sessions

● Quality Management and Equipment Reliability

- *BSEE has highlighted in its QC-FIT Technical Evaluations of Connector and Bolt Failures and Seal Assembly and Cement Failures quality concerns with bolt materials and seal assembly and cement barrier systems, including the need for updates to existing standards on material properties, testing, quality assurance, and lifecycle management. This session will address domestic and international quality management and equipment reliability concerns. The emphasis will be on quality assurance of subcontracted components and services, lifecycle management for safety critical equipment, how near miss and failure reporting can contribute to equipment reliability, the current status of regulations and standards, and international needs and concerns*

● Cementing

- *The cement job has been identified as a contributing cause of the well control failure in both the 2010 Macondo blowout and 2013 liner seal incident. This session will highlight 4 cementing issues that were raised in the Macondo reports and liner seal investigation, specifically: cement evaluation, barriers and cement integrity during plug and abandon operations, sustained casing pressure and borehole-cleaning evaluation. This session will discuss cementing-related domestic and international standards, current status and needs of the regulations, and approaches and views*

● High Pressure High Temperature

- *The QC-FIT Technical Review of Connector and Bolt Failures highlighted quality concerns with the bolt materials including the need for updates to existing standards on material properties, testing, quality assurance, and lifecycle management. This is especially true as operators move into high pressure high temperature environments. It is a recognized that there is a lack of consensus within industry, regulatory bodies, and academia on how to design, verify and validate HPHT designs.*

● Emergency Disconnect Sequence

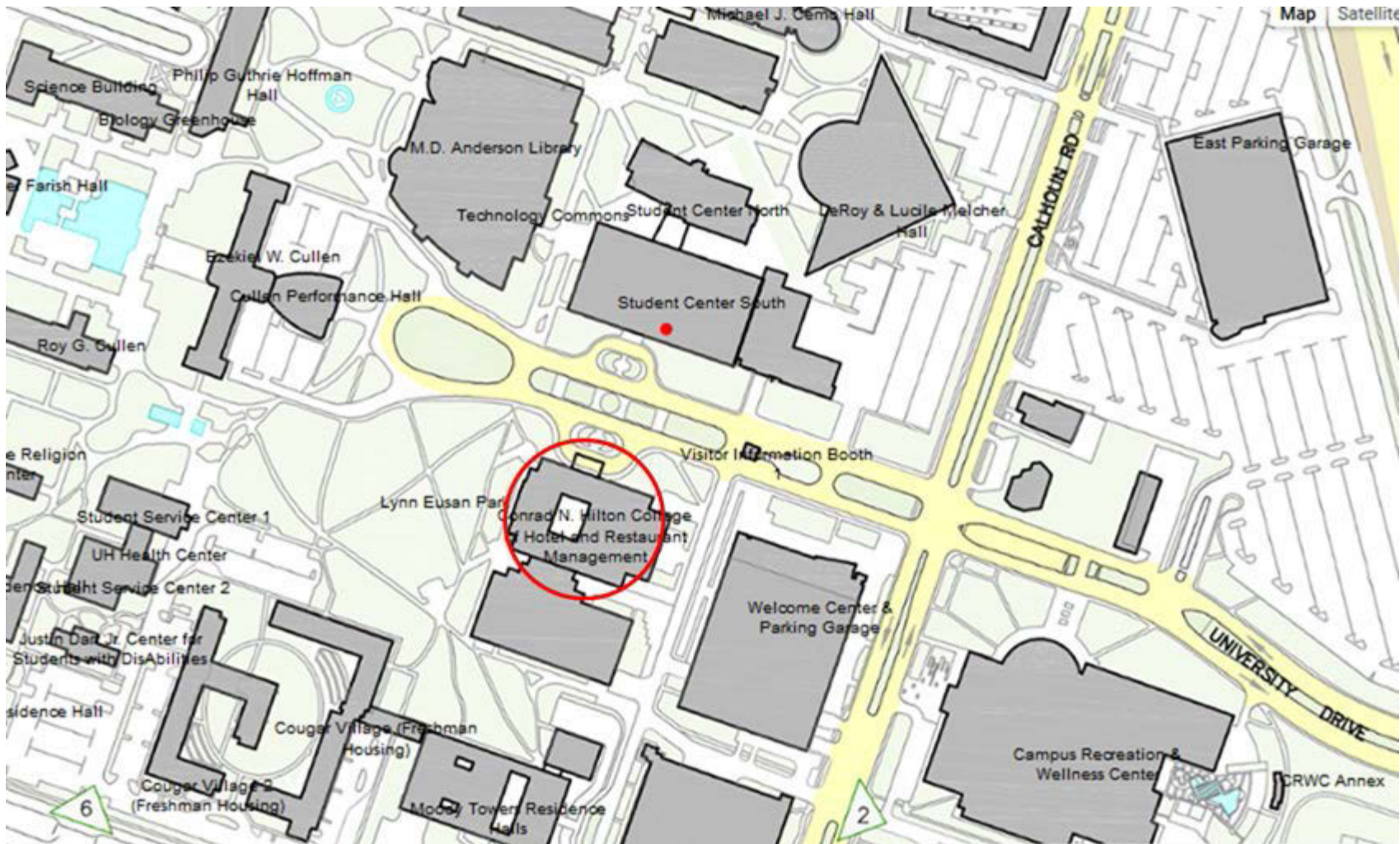
- *There have been multiple incidents where loss of dynamic positioning (DP) has resulted in the need for an emergency disconnect internationally and in the GOM. When a disconnect occurs, safety systems must function in order to safety shut in the well. The session will focus on DP issues raised by both BSEE and the USCG as well as incidents that have occurred internationally and the response of international regulators. The session will also touch on the BOP stack requirements, standards, and concerns which need to be addressed by industry.*

Lunch

- Lunch will be from 12:15-1:15;
- Lunch is being sold for \$15 by the UH Society of Petroleum Engineers;
- If you would like to purchase a lunch and have not already paid, please do so before we break into the technical sessions;
- You use the receipt you received when you paid to pick up your lunch.

Lunch will be served at the student center

- Please bring your ticket to pick up your lunch
- Seating will be in the student center or outside on the lawn.



Welcome

- Thank you for attending!
- We look forward to your active participation in the workshop today;
- Please make sure you fill out a survey before you leave so we can make the next workshop even better;
- Notes and approved presentations will be posted on the BSEE website after workshop.

A BIG THANK YOU

- University of Houston and OESI;
- The presenters;
- BSEE management;
- The technical planning committee;
- All the people who have helped organize and contract the workshop;
- To all of you for your participation.

BSEE Website: www.bsee.gov



@BSEEGov



BSEEGov



Bureau of Safety and
Environmental Enforcement

“To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement.”