Topics/Questions for Operators (both Large and Independents):
BSEE is interested in establishing minimum requirements for the use of real-time monitoring in its regulations.

- Does your company use real-time monitoring for its offshore operations? If not, why?

- If your company does use real-time monitoring, what are the critical operations and specific parameters that your company monitors? Do you believe there are specific types of wells or operations and parameters (for drilling, completions or workovers, or production operations) that always should be monitored with real-time monitoring?

- Are there specific criteria or risk thresholds that your company uses to prompt real-time monitoring requirements (e.g. factors such as well or water depth, frontier area, HP/HT wells, or well complexity)?

- Does your company rely on any automation and predictive software in real-time monitoring? What role could automation and predictive software tools play in real-time monitoring?

- Condition-based monitoring could be viewed as monitoring the operating condition of critical equipment and using any generated data to predict and proactively intervene when needed. As such, what role could condition-based monitoring play in real-time monitoring? Describe how operating equipment using condition-based monitoring could be tailored and/or used for real-time monitoring.

BSEE would like to use real-time monitoring technologies to accomplish many of its safety and environmental protection responsibilities. Real-time monitoring technologies could be incorporated into BSEE’s existing safety and environmental regulations in order to replace or supplement its on-site inspection program.

- How could BSEE leverage such technologies?

- Which activities could real-time monitoring supplement or replace?

- What opportunities do you see for BSEE to use real-time monitoring to provide timely, functional, and value added inspections?

- What would you recommend that BSEE do in the real-time monitoring area?
**Additional Topics/Questions for Drillers/Equipment Manufacturers:**
What is the scope of your services?

Briefly describe the relationship between your company and an operator?

What level of automation and remote control is appropriate to balance the accountability, responsibility, and operational efficiency between both?

What are your suggested protocols for remote oversight and the established chain of command? How do you think this should work?

**Topics/Questions for Third-party Providers:**
Describe the role of third-party providers?

How do you interface with industry customers, and how do you view this relationship?

What services do you provide?

How do the services lend themselves toward operational decision making?

What about accountability between the Operator and your firm?

What level of automation and remote control is appropriate to balance accountability, responsibility, and operational efficiency?

What are your suggested protocols for remote oversight and the established chain of command?

Are there critical operations and specific parameters that are typically monitored?

Does your company rely on any automation and predictive software in real-time monitoring?

What role could automation and predictive software tools play in real-time monitoring?

Condition-based monitoring could be viewed as monitoring the operating condition of critical equipment and using any generated data to predict and proactively intervene when needed. As such, what role could condition-based monitoring play in real-time monitoring? Describe how operating equipment using condition-based monitoring could be tailored and/or used for real-time monitoring.

Real-time monitoring technologies could be incorporated into BSEE’s existing safety and environmental regulations in order to supplement its inspection program. How could BSEE leverage such technologies? What advice could you give to BSEE? Which activities could real-time monitoring supplement or replace?
**Topics/Questions for Trade Associations:**

How would BSEE's interest in establishing minimum requirements for the use of real-time monitoring affect your general membership?

What advice would your general membership provide BSEE for incorporating real-time monitoring requirements into its regulations?

How can Trade Associations support efforts by industry and regulator in standardizing each other’s needs?

If the broader offshore industry were to adopt real-time monitoring in exploration and production activities, what is a realistic time frame for where its use is the norm rather than the exception?