

BSEE Sponsor Agency Update

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BSEE Sterling office

April 6, 2022

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



BSEE Sponsor Agency Update

Topics:

1. Personnel Update
2. Cybersecurity
3. Carbon Capture & Sequestration (CCS)
4. Other Research initiatives
5. Offshore Renewable Energy
6. Decommissioning & Bankruptcies
7. Regulatory priorities
8. Safe Lifting initiative

Personnel Updates



BSEE Director
Kevin M. Sligh Sr.



BSEE GOM Regional Director
Bryan Domangue

Cybersecurity

- a. BSEE continues to play role in promoting effective OT cybersecurity strategies.
- b. BSEE issued a Safety Alert entitled “Check Your Cybersecurity Readiness” on March 29, 2022 (Safety Alert No. 434).
- c. BSEE is currently hiring FTE to support cybersecurity.
- d. BSEE continues to work with the Cybersecurity & Infrastructure Security Agency (CISA), the USCG, and other federal agencies to further develop its relationship with all the key stakeholders.

Carbon Capture & Sequestration (CCS)

- a. Interagency Cooperation and Outreach – We are collaborating with BOEM to develop a joint rule regarding offshore storage and reaching out to EPA, DOE and other stakeholders as appropriate to inform our rule making.
- b. Learning and Information Exchange – We are looking into the various issues related to offshore carbon storage, including those related to site selection, storage capacity, injection well characteristics, long-term monitoring and more.
- c. Training
 - i. One of the BSEE leadership goals is to develop a comprehensive training program to build and support CCS competency within BSEE.
 - ii. Currently, two CCS training courses are under review for incorporation into the National Offshore Training Center (NOTC) training catalog for all BSEE staff.
 - iii. BSEE's CCS team is also actively attending webinars and virtual events on CCS.

Other Research Initiatives

a. Offshore Energy Safety Institute (OESI):

- i. Texas A&M Engineering Experiment Station (TEES) manages new OESI.
- ii. Goal of OESI is to create safer workplaces, improve environmental stewardship and increase U.S. energy security.
- iii. OESI will host 3 virtual Industry Roadmap Workshops (to participate, email Lisa.Grant@bsee.gov).
 - i. Offshore Oil & Gas: was held Nov. 30, 2021.
 - ii. Offshore Wind: planned for April 21, 2022.
 - iii. Marine Hydrokinetic (MHK) or “Marine Energy”: planned for mid-May (possibly the 18th or 19th).

b. Study on BSEE’s Incident of Non-Compliance (INC) usage:

- i. BSEE is seeking recommendations on how to improve INC issuance, documentation and enforcement process.
- ii. The study contract was awarded to ICF International, and a final report was delivered March 2022.
- iii. We anticipate this will be an internal BSEE report; not for public release.

c. Study on Remote Inspection Technologies for Offshore Renewable Energy:

- i. Study to evaluate available options for conducting remote inspections on offshore wind turbines.
- ii. The research contract was awarded to DNV, and the final report is due in August 2022.



Offshore Renewable Energy

Lots of projects contemplated or already under development!

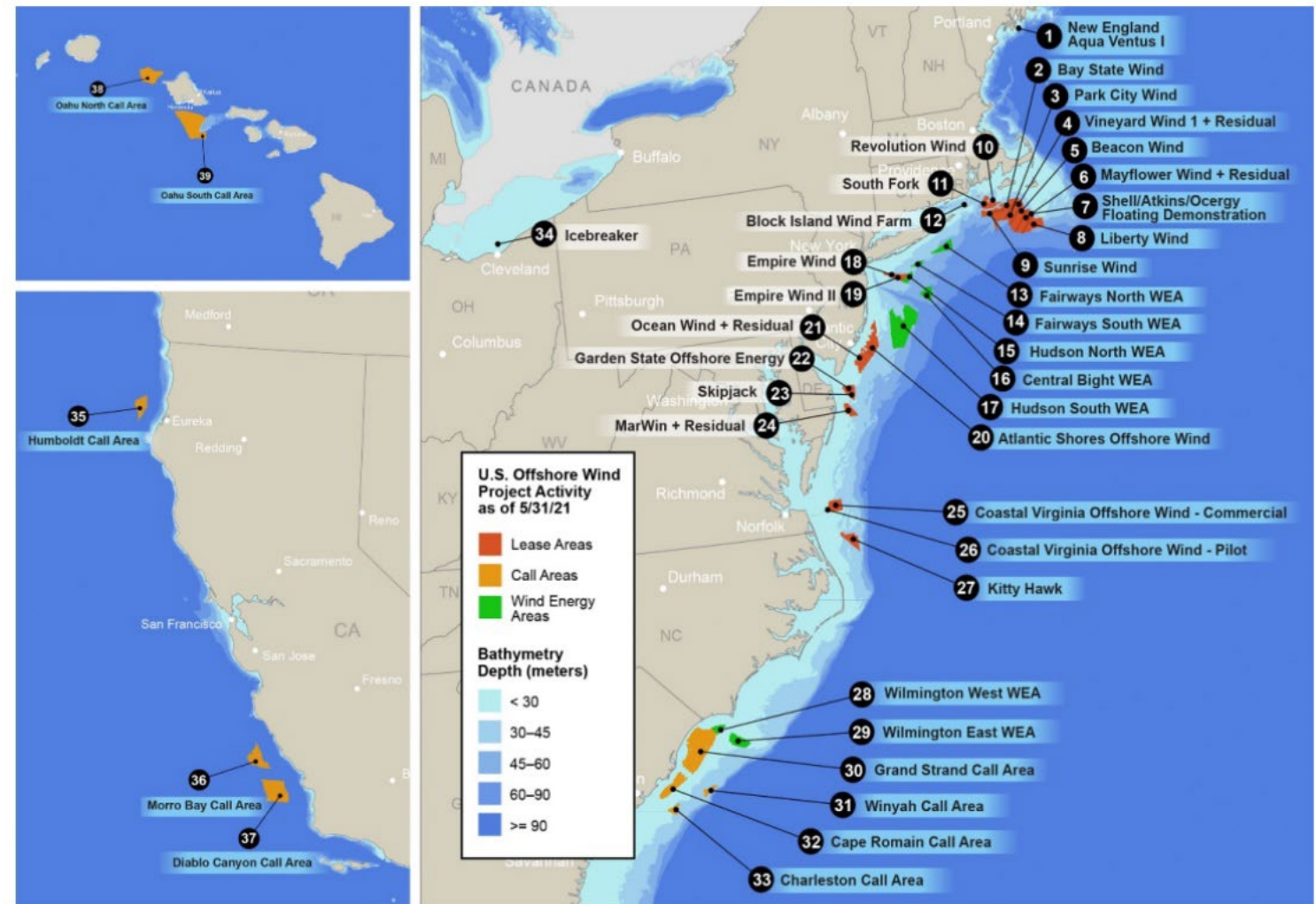
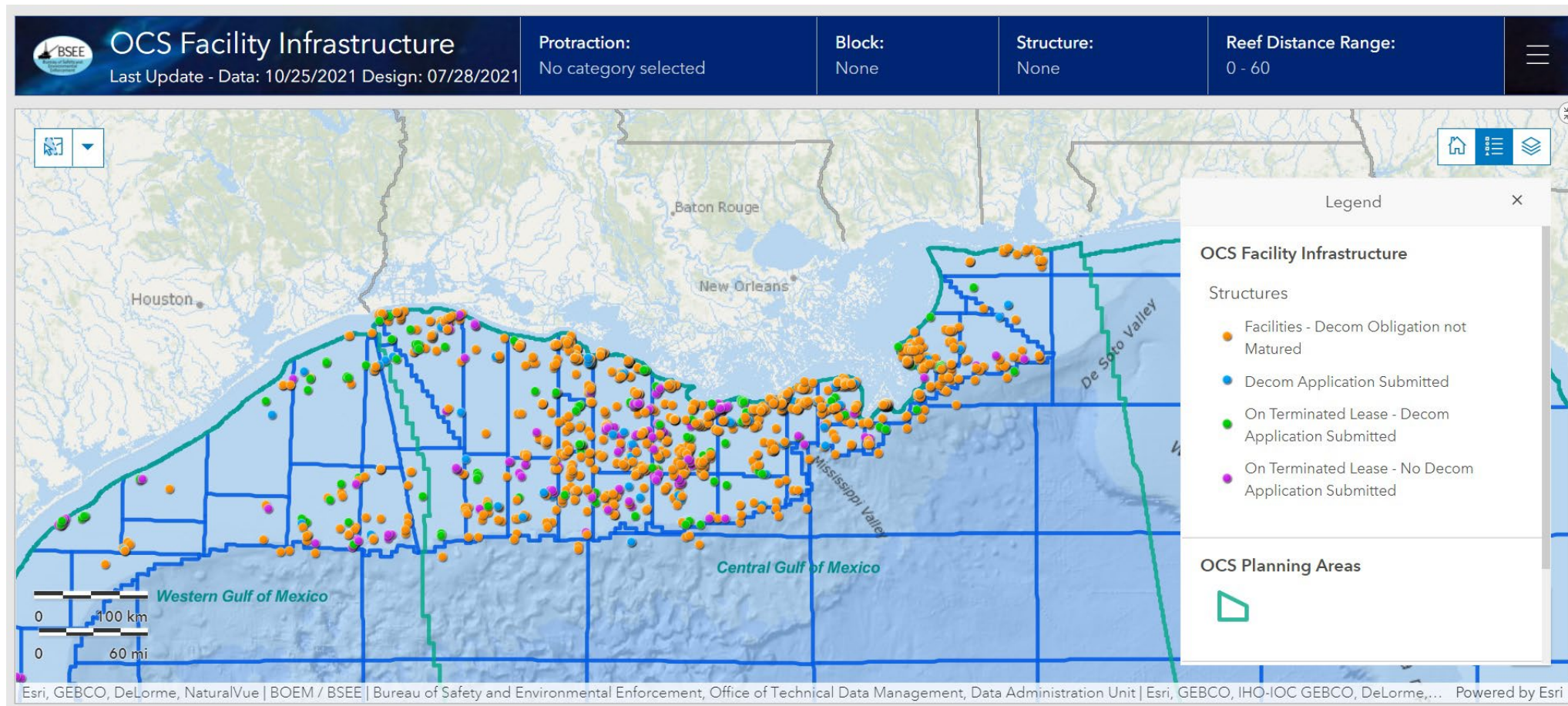


Figure ES-1. Locations of U.S. offshore wind pipeline activity and Call Areas as of May 31, 2021. Map created by NREL

Decommissioning & Bankruptcies

BSEE Offshore Infrastructure Dashboard: <https://www.bsee.gov/stats-facts/offshore-infrastructure-dashboard>

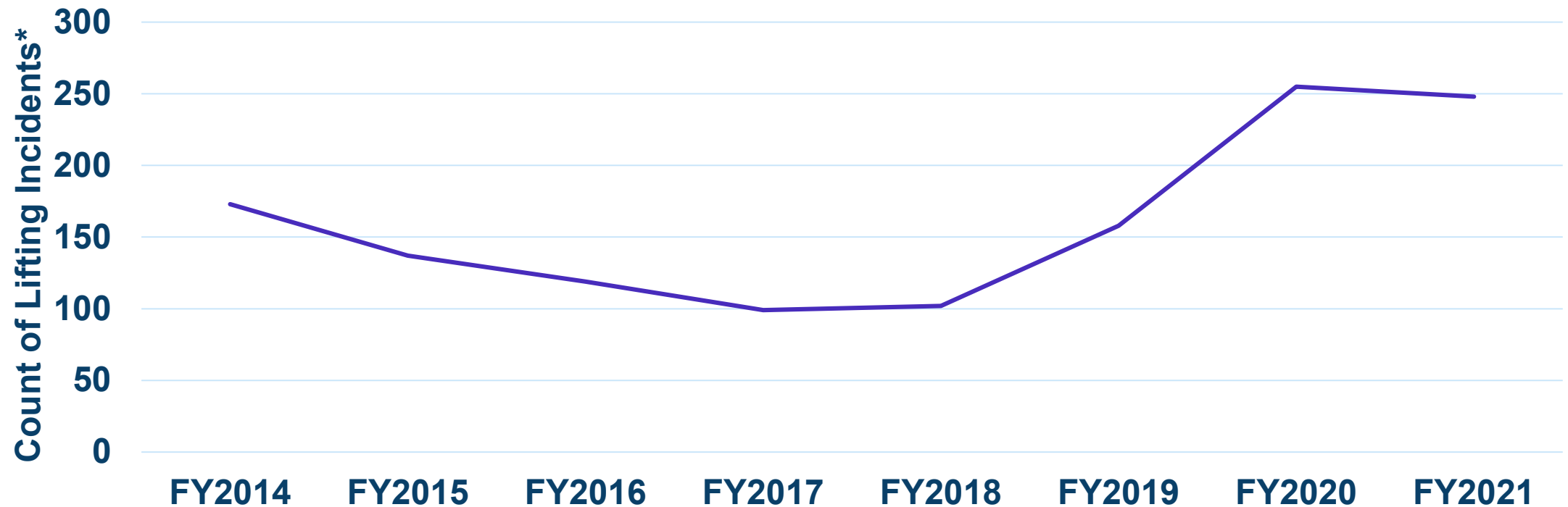


Regulatory priorities

- a. **High Pressure High Temperature (HPHT) and Subpart B revisions** (*proposed rule*)
 - i. Revises the Deepwater Operations Plan process.
 - ii. Clarifies requirements for the use of new or unusual technology (e.g., HPHT operations).
- b. **Pipelines and Pipeline ROW Revisions** (*proposed rule*)
 - i. Revises the 30 CFR 250 Subpart J pipeline regulations.
 - ii. Clarifies the permitting process.
 - iii. Updates the requirements for applicable pipeline system or ROW design, installation, operation, inspection, & decommissioning.
- c. **Updates of Documents Incorporated by Reference** (*proposed rule*)
 - i. Updates certain incorporated industry standards to the current editions.
 - ii. Incorporates new industry standards into the regulations.
- d. **Risk Management, Financial Assurance and Loss Prevention – Decommissioning Activities and Obligations** (*final rule*)
 - i. BSEE-only final rule – the proposed rule was joint BOEM-BSEE, and BOEM will continue its associated provisions in a proposed separate rulemaking.
 - ii. Revises policies and procedures for compliance with decommissioning obligations.
 - iii. Clarifies the operational and procedural aspects of applicable decommissioning responsibilities of OCS lessees and grant holders.
- e. **BOEM-BSEE Renewable Energy Split** (*final rule*)
 - i. BOEM-BSEE joint rulemaking.
 - ii. Codifies a regulatory split of functions between the two bureaus for renewable energy activities.

Safe Lifting Initiative

Lifting Incidents are the most frequently reported offshore incident - line shows estimated count of OCS lifting incidents.



* Reported Lifting and Crane Incidents in the BSEE TIMS Database; does not account for frequency of lifts nor differentiate by types or seriousness of incidents.

Safe Lifting Initiative

- Basis for BSEE action: most incidents occur during “routine” lifts.
 - “Routine” => drives complacency
 - Need to reduce complacency
- BSEE-led initiatives and current focus
 - “Lifting Our Awareness” poster campaign
 - “Lifting Playbook”
 - BSEE “Lifting Webpage”



Any Questions?

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