

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT  
GULF OF MEXICO OCS REGION**

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**NOTICE TO LESSEES AND OPERATORS OF FEDERAL OIL AND GAS LEASES IN THE  
OUTER CONTINENTAL SHELF (OCS), GULF OF MEXICO OCS REGION (GOMR)**

**Global Positioning System (GPS) for Mobile Offshore Drilling Units (MODUs)**

For the purposes of this Notice to Lessees and Operators (NTL), the terms MODU or MODUs are referring to Jack-Up and Moored Semi-submersible rigs. This NTL, which supersedes NTL 2013-G-01, provides guidance and clarification for:

1. Outfitting all MODUs with multiple Global Positioning System (GPS) transponders;
2. Providing the Bureau of Safety and Environmental Enforcement (BSEE) real-time GPS location data; and
3. Notifying BSEE how you will provide access to real-time GPS location data and information about any instance when a MODU moves off location in a storm event.

This NTL is issued pursuant to 30 CFR 250.103 and provides guidance under §§ 250.107(a) and 250.417(a). Specifically, this NTL is based on the following regulations:

- Section 250.107(a) obligates operators to perform all operations in a safe and workmanlike manner. The use of GPS technology is necessary to ensure the safe operation of MODUs.
- Section 250.417(a), in part, requires lessees and operators using MODUs to demonstrate that the drilling unit is capable of performing at the proposed drilling location. Use of GPS technology will confirm whether a MODU has maintained that location.

**Background**

Past storm events have had detrimental effects on oil and gas operations in the OCS. These effects included structural damage to fixed production platforms, platform rigs, moored semi-submersibles, jack-up rigs, and other equipment and facilities. A major concern for BSEE is the problem of MODUs, such as moored semi-submersibles and jack-up rigs, moving off location as a result of a storm event. If a MODU is displaced by a storm event, there are potentially serious consequences if it collides with or damages other facilities, pipelines or vessels. In March 2009, there was an incident involving a tank ship colliding with a missing jack-up rig that drifted off location and sank during Hurricane Ike in 2008. A GPS device provides a way to track and

locate a displaced MODU during and after a storm event. Having GPS real-time data will provide a valuable tool to prevent future incidents involving lost MODUs.

### **Scope**

You should ensure each MODU is equipped with a GPS system that provides a reliable means of monitoring the position and tracking the path of the MODU in real-time in the event that the MODU moves from its location during a storm event. You must place multiple GPS transponders in different locations on the MODU for redundancy and to minimize risk of system failure. The tracking systems' equipment should be located and protected such that the risk of the system being disabled by storm damage (*e.g.*, water damage) is minimized.

Consideration must be given to installing the equipment so the system can continue to transmit the current position as long as possible. Each GPS transponder should be capable of transmitting data for at least 7 days after the storm has passed.

### **GPS Real-time Data Access**

You or your drilling contractor should contact District Operations Support at (504) 736-2400 to inform BSEE as to how you are providing, or will provide, BSEE real-time access to the MODU location GPS data or to report any revision or update as to how you will provide BSEE access to that data.

If your MODU moves off location during a storm event, you should immediately begin to record GPS location data and contact the BSEE GOMR Continuity of Operations (COOP) office with the following information:

- Operator name;
- Contact information;
- MODU name;
- Initial date and time; and
- How you are providing GPS real-time data access.

### **BSEE GOMR COOP Office contact information**

To speak with someone in the BSEE GOMR, COOP Office, please call either (504) 736-5793 or (504) 736-5794.

### **Guidance Document Statement**

BSEE issues NTLs as guidance documents in accordance with 30 CFR 250.103 to clarify or provide more detail about certain regulatory requirements and to outline the information you must provide in your various submittals. This NTL sets forth a policy on, and an interpretation of, regulatory requirements and provides a clear and consistent approach to complying with those requirements.

### **Paperwork Reduction Act of 1995 Statement**

The Paperwork Reduction Act of 1995 (PRA) (44 U.S.C. 3504 *et seq.*) requires us to inform you that BSEE collects this information to carry out its responsibilities under the OCS Lands Act, as amended. BSEE will use the information to find and locate MODUs that are off location and to determine if other facilities/pipelines are in their paths. Responses are required to obtain or retain a benefit. No proprietary data are collected. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget (OMB) control number. The OMB has approved this collection of information under 1014-0013; 30 CFR 250, subpart A. We estimate the annual reporting burden pertaining to this NTL to be 1 hour (rounded) per response and the non-hour cost burden to total \$102,500. Direct any comments regarding the burden estimate or any other aspect of this collection of information to the Information Collection Clearance Officer, Bureau of Safety and Environmental Enforcement, 45600 Woodland Road, Sterling, VA 20166.

### **Contact**

If you have any questions regarding this NTL, please contact GOMR District Operations Support, (504)736-2400.

Lars Herbst  
Regional Director