

**Chief Safety Officer Decision**  
**(Application for Substitution, Equivalency, or Exemption)**

**Date:** 15 JUNE 2017

**C-NLOPB Reference:** 2017-RQ-0033

**Applicant:** Transocean Canada Drilling Services Ltd.

**Applicant Reference:** TBR RQ 010

**Installation Name:** MODU Transocean Barents

**Authority:** *Canada-Newfoundland and Labrador Atlantic Accord Implementation Act, subsection 151(1) & section 205.069*  
  
*Canada-Newfoundland and Labrador Atlantic Accord Implementation Newfoundland and Labrador Act, subsection 146(1) and section 201.66*

**Regulation:** Subsection 2(2), 9(1)(a), 9(3)(a), 9(4)(a), 10(6) of the *Newfoundland Offshore Petroleum Installation Regulations*

**Decision:**

The Chief Safety Officer concurs with the Applicant's, the owner of the *Transocean Barents*, use of the following standards for the classification of hazardous areas in lieu of the requirement in the *Newfoundland Offshore Petroleum Installation Regulations* to classify areas in accordance with *API RP500, Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2*:

- API RP 505. Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
- DNV-OS-A101, Safety Principles and Arrangements
- DNV -OSS-101, October 2003, Rules for Classification of Offshore Drilling and Support Units.
- DNV-OSS-201, July 2003, Verification for Compliance with Norwegian Shelf Regulations, Chapter 2, Section 2 and Section 3
- DNV Offshore Standards DNV-OSS-101 refers to DNV-OS-A101 which refers to
  - IEC 60079-10-1 Electrical apparatus for Explosive Gas Atmospheres - Part 10: Classification of Hazardous Areas
  - IEC 61892-7 Mobile and Fixed Offshore Units - Electrical Installations - Part 7: Hazardous area
  - IMO MODU Code for the Construction and Equipment of Mobile Offshore Drilling Units
  - IP 15 Energy Institute; Model Code of Safe Practice - Part 15 Area Classification Code for Installations
- Petroleum Safety Authority (Norway) Facilities Regulations Section 4

Approval is granted provided the following conditions are met:

- Outstanding pending comments on approval letter MOAN0384/NILSDA/26939-J-10922 are clarified and if revisions made, updated Hazardous Area drawings are submitted for to DNV GL for approval.
- Ex Equipment survey/inspection is carried out on Ex rated equipment, including equipment left live after ESD 3, as part of reactivation surveys and updated Ex Register is provided to DNV GL for review.
- Doors and hatches leading to/from hazardous areas are surveyed by the Certifying Authority to verify proper signage, sealing and operation of self closing mechanisms prior to operations in Canada.



Chief Safety Officer