

**Chief Safety Officer Decision (Regulatory Equivalence)**

**Date:** 25 July 2017

**C-NLOPB Reference:** 2017-RQ-0022

**Applicant:** Transocean Canada Drilling Services Ltd

**Applicant Reference:** TBR-RQ-027

**Installation Name:** 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 35(1) of the Newfoundland Offshore Petroleum Installation Regulations*  
*Subsection 49(2) of the Newfoundland Offshore Petroleum Installation Regulations*

**Decision:**

The Chief Safety Officer authorizes the Applicant, the owner of the *Transocean Barents*, to have GRE piping systems designed and installed with the following conditions;

- GRE piping is installed in accordance with *DNV-OS-D101 Machinery Systems and Equipment, IMO Resolution A.753(18) Guidelines for the Application of Plastic Pipes on Ships, UKOOA document "Specification and Recommended Practice for use of GRP piping offshore"* For all fire main piping and *Offshore Standard DNV-OS-D30 1 - Fire Protection* in lieu of the requirement in the *Newfoundland Offshore Petroleum Installation Regulations* to have piping designed and installed in accordance with *API RP 14E Recommended Practice for the Design and Installation of Offshore Production Platform Piping Systems*.
- Firewater GRE piping to remain "wet" at all times to meet L3 fire rating.
- An annual external visual examination is completed by DNV-GL while carrying out annual surveys
- GRE piping is only used in low-flame spread areas as identified in this approval.
- Any repairs or failures of GRE piping must be reported to the C-NLOPB.



Paul A. Clavel  
Chief Safety Officer