



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

**Date:** 2023-Jul-04 | 2:43:24 PM NDT

**C-NLOPB Reference:** 2023-RQ-0016

**Applicant:** Odfjell Drilling

**Applicant Reference:** M-PIR-035

**Installation Name:** Hercules

**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) & section 201.66*

**Regulation:** Section 59(2)(a)(b)(c)(d)(e) of the *Newfoundland Offshore Petroleum Installations Regulations*

**Decision:**

The Chief Safety Officer approves the Applicant's, the owner of the *Hercules*, use of DNV Standard, "*DNV-OS-E301-Position Mooring*" for dynamic mooring analysis and dynamic safety factor method for a mooring system on the *Hercules* in lieu of the requirements in Subsection 59(2) of the *Newfoundland Offshore Petroleum Installations Regulations* which states "*The load factor for the tension in the mooring lines of every floating platform, based on a quasi-static analysis, shall be: (a) in the operating condition with all lines intact, 3.0. (b) in the operating condition with one line failed, 2.0. (c) in the survival condition with all lines intact, 2.0. (d) in the survival condition with one line failed, if the platform will not threaten another platform used for the exploration or exploitation of subsea resources, 1.4; and (e) in the survival condition with one line failed, if the platform may threaten another platform used for the exploration or exploitation of subsea resources, 2.0.*" subject to the following:

- 1) The Certifying Authority has verified the design, installation, testing and commissioning of the mooring system under the Certificate of Fitness requirements; and
- 2) The Certifying Authority conducts an independent verification of the site specific mooring analysis and confirms compliance to *DNVGL-OS-E301-Position Mooring*.

DocuSigned by:  
  
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Chief Safety Officer