

CNSOPB



CANADA-NOVA SCOTIA
OFFSHORE PETROLEUM BOARD

Chief Safety Officer Decision

Decision Date: 13 March 2018
Applicant: Seadrill Canada Ltd.
Reference: WAQ-NS-RQ13 (Rev 0) – Fire Extinguishing Systems in Machinery and Flammable Liquid Storage Spaces
Project: BP-Offshore Nova Scotia 2018
Installation Name: West Aquarius
Authority: Canada-Nova Scotia Offshore Petroleum Resources Accord Implementation Act (Federal version), Section 155(1)(a).
Regulation: Nova Scotia Offshore Petroleum Installations Regulations, Sections 28(3), (4), (5), (7), (9), and (10)

Decision:

Seadrill Canada Ltd. has requested deviations from: Sections 28(3), (4) and (5), requiring fixed fire-extinguishing systems to meet specified National Fire Protection Association (NFPA) standards; and Sections 28(7), (9) and (10), relating to requirements for activating fixed fire-extinguishing systems, indicating a system's operational status, and providing audible and visual warnings and signals during system operation.

The rationale for acceptance is as follows:

- With respect to Sections 28(3), (4), and (5), the specified fixed firefighting systems for the West Aquarius have been type approved by DNV, designed and installed in accordance with applicable DNV references, as well as with consideration for applicable IMO Codes and MSC circulars for compliance with SOLAS.
- With respect to Sections 28(7), (9) and (10), considerations include the combination of visual and audible alarms and administrative controls, as well as the extinguishing medium for water mist protected spaces, and the physical arrangements for CO2 protected spaces.

The Certifying Authority concurs that the proposal meets the requirements of Certificate of Fitness Regulations Section 4(2)(a)(ii).

The Chief Safety Officer hereby grants a deviation from the Installation Regulations, Sections 28(3), (4), (5), (7), (9), and (10) and is satisfied that these arrangements provide an equivalent level of safety to that provided by the Regulations.

Robert Normore, B.Tech., CRSP
Chief Safety Officer