

INTELLIX NO.: RQ-2023-12-11-478	Revision	Date 2024-January-12th	HDS DOCUMENT NO.: WH-HSE-GM-0073
SUBJECT: Van Oord Stornes – Conveyor Boom Access Ladder			

pHRQF CATEGORY	SCOPE		PRIORITY
<input type="checkbox"/> Request for regulatory clarification	<input type="checkbox"/> Hull and Utilities	<input type="checkbox"/> Subsea	<input type="checkbox"/> URGENT
<input type="checkbox"/> Application for exemption	<input type="checkbox"/> Topsides	<input checked="" type="checkbox"/> Marine Operations	<input checked="" type="checkbox"/> ROUTINE
<input checked="" type="checkbox"/> Application for use of alternative, codes, standards or methods	<input type="checkbox"/> Turret / Moorings	<input type="checkbox"/> Drilling and Completions	
	<input type="checkbox"/> Installation	<input type="checkbox"/> Operations	

JURISDICTION			
<input checked="" type="checkbox"/> C-NLOPB	<input type="checkbox"/> Transport Canada	<input type="checkbox"/> Classification Society	<input type="checkbox"/> Other

REGULATION 1	ISSUE DATE	AMENDMENT
Canada – Newfoundland and Labrador Offshore Area Occupational Health and Safety Regulation		2022-01-01

PART / DETAIL
<p>Fixed ladders</p> <p>101(1)(b) Is securely held in place at the top and bottom and at intervals of not more than 3 m;</p> <p>101(1)(c) has rungs that are at least 15 cm from the wall, at uniformly spaced intervals of not more than 30 cm, and do not impede any employee from safely exiting the ladder onto a platform or landing;</p>

APPLICANT'S QUERY, PROPOSAL

Van Oord requests to continue to use the existing fixed ladder which is in place to access the Stornes conveyor boom. The ladder is used for unplanned maintenance and is required during operations. The ladder is secured at nonstandard points due the requirement to have the ladder removed during maintenance of the conveyor boom and has non-uniform spacing where there is a gap between the ladder on the rotating component of the boom and the lower portion of the ladder.

APPLICANT'S RATIONALE

The discharge conveyor boom is designed to install rocks over the side of the vessel or transport rocks into the surge hopper (for dropping into the fall pipe). The boom has a slew system which allows rotation of the conveyor boom 100 degrees port or starboard. This prevents the installation of a fixed ladder to the deck below. The conveyor boom will remain in this orientation during project operations.

During normal operations, the boom is not accessed. The fixed ladder shown in the image below provides the preferred means of access to the conveyor boom in the event of an unplanned emergency or brake-down. There is a secondary small access platform at the end of the boom which can be lowered that can also be utilized to get on and off.

To further reduce the risk associated with the use of this ladder the following additional mitigations will be put in place:

- Use of fall protection when using the conveyor boom ladder and completed under permit to work.
- All routine maintenance in the conveyor boom area is completed prior to start of operations to reduce access frequency.
- Ladder is barricaded with signage identifying requirement to use fall protection and permit to work.

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APPLICANT'S RATIONALE



Primary Access Ladder



Secondary Access Platform



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PRECEDENTS
N/A

The Undersigned Concur in this Proposal													
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ATTACHMENTS		
#	Title	Revision/Version
1.	N/A	N/A