

CNSOPB Safety Notice

Offshore Crane Operations

January 15, 2001
Safety Notice #2000-1

1. This Safety Notice highlights some safety issues associated with offshore crane operations and identifies specific actions for Operators to include in their management system.

BACKGROUND

2. On June 30, 2000, an incident in the Nova Scotia offshore area involved a dropped object, which had the potential for serious consequences. The fast line on a crane, located on a MODU, parted while making a heavy lift to a supply vessel. The lift exceeded the dynamic rating of the fast line. The lift was dropped from more than 30 metres to the ocean, between the rig and the vessel, severing a fuel transfer hose and narrowly missing the supply vessel. No one was injured, however, there was potential for serious consequences as a result of this incident. The Board's investigation has identified a number of issues, which should be addressed by all Operators

ACTION REQUIRED

All Operators should assess their crane operations and ensure that the following issues have been thoroughly examined and addressed:

- All crane operators must have a clear understanding of dynamic and static load ratings and limitations.
- All cranes must be fitted with alarms which can be set for the appropriate limiting condition.
- All measurement units for weight indicators, alarms, charts and cargo manifests must be in consistent metric units.
- Crane operator training should provide clear procedures for response to any alarm situation

LEGAL REQUIREMENTS

4. The actions identified in this Safety Notice are legal requirements under the following regulations/requirements:

- Section 16 - Nova Scotia Offshore Area Petroleum Installations Regulations
- Section 14 - Element 2 - Offshore Petroleum Occupational Safety and Health Requirements

5. Questions regarding this Safety notice should be directed to the CNSOPB, attention:

C. Andrew Parker

Chief Safety Officer