

## C-NLOPB Quarterly Safety Incident Report Updated August 24, 2018

Date Incident Occurred	OPERATOR	Installation/Vessel	Incident Classification	Incident Description
Apr/04/2018	HMDC*	Helicopter	Actual: Helicopter Occurrence	Magnetic chip detector system on helicopter flight had intermittent indications of fault shortly after departure from St. John's.
Apr/04/2018	Husky Oil Operations	SeaRose FPSO	Actual: None  Potential: Lost/Restricted Workday Injury	Worker was shoveling grit inside cargo oil tank. In the process of lifting debris, the worker felt discomfort in the right shoulder area.
Apr/05/2018	Husky Oil Operations	MODU Henry Goodrich	Actual: Impairment/Damage to Critical Equipment	An impairment to the open function of the upper pipe ram on the blue control pod was noted during routine blow out preventer (BOP) function testing. The BOP was fully functional on the redundant yellow pod control system during this period.
Apr/10/2018	ExxonMobil Canada	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	Accommodations air handling unit tripped and the standby unit failed to start.
Apr/10/2018	HMDC	Helicopter	Actual: Helicopter Occurrence	During taxi of a helicopter, flight crew reported that the switches on the left hand audio control panel were defective.

Apr/18/2018	ExxonMobil Canada	Hebron Platform	Actual: Helicopter Occurrence	Aircraft was taxiing from hangar when a balloon blew in from the north west and went through the main and/or tail rotor.
Apr/18/2018	ExxonMobil Canada	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	During an unplanned emergency shut down the wing and master valves on the christmas tree closed but failed to meet the required closure time.
Apr/18/2018	ExxonMobil Canada	Hebron Platform	Actual: Implementation of Emergency Response Plan	A general platform alarm sounded due to loss of communication between fire and gas and the integrated control and safety system.
Apr/19/2018	Suncor Energy	Helicopter	Actual: Helicopter Occurrence	Flight crew had an uneven landing which resulted in a data concentrator unit (computer) mis-compare indication.
Apr/19/2018	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	During a regular check on well control equipment, a leak was detected on the open side of the annular preventer. Full functionality of the annular preventer, the blowout preventer (BOP) and accumulator equipment was retained throughout the period.
Apr/21/2018	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	Interior and exterior fibreglass damage was observed around the gripe pin bracket on a lifeboat.
Apr/21/2018	HMDC	Hibernia Platform	Actual: Implementation of Emergency Response Plan	Waste heat recovery unit malfunctioned due to a faulty proximity limit switch resulting in an unplanned muster.

Apr/30/2018	ExxonMobil Canada	Hebron Platform	Actual: Lost/Restricted Workday Injury and Medevac	While lifting grating on the drill floor worker's hand slipped and the grating fell onto their right index finger.
May/01/2018	ExxonMobil Canada	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	A brake pad needing replacement was identified on a lifeboat davit during regular preventative maintenance.
May/07/2018	ExxonMobil Canada	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	A pressure safety valve was found with a block valve in the closed position.
May/07/2018	Suncor Energy	Helicopter	Actual: Helicopter Occurrence	Helicopter flight experienced an active vibration control fail indication on route.
May/08/2018	Husky Oil Operations	M/V Maersk Detector	Actual: Lost/Restricted Workday Injury	During hose disconnection, a flange coupling on the bulk hose line came into contact with the worker causing slight bruising on the left wrist/palm.
May/08/2018	Husky Oil Operations	SeaRose FPSO	Actual: Impairment/Damage to Critical Equipment	Port and starboard cranes were proactively taken out of service following condition monitoring.  Analysis of oil samples taken from the starboard crane hydraulic system and the port crane gearbox were outside of the acceptance criteria.
May/08/2018	Husky Oil Operations	SeaRose FPSO	Actual: Implementation of Emergency Response Plan	Flame detectors in the M <sub>0</sub> 2 process area rang in and out intermittingly during start up due to the reflection of metal surfaces. This resulted in false detection and a general platform alarm.

May/09/2018	Husky Oil Operations	MODU Henry Goodrich	Actual: Impairment/Damage to Critical Equipment	Failure of trip tank sensors on mud logging instrumentation.
May/09/2018	ExxonMobil Canada	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	A process system shutdown occurred due to high temperatures on the crude rundown.
May/09/2018	Husky Oil Operations	SeaRose FPSO	Actual: Impairment/Damage to Critical Equipment	Leaks were found in the diesel fuel injector lines of a lifeboat during preventative maintenance checks.
May/10/2018	Suncor Energy	Terra Nova FPSO	Actual: Major Injury	While re-installing a ladder chain a worker fell between ladder rungs and sustained a leg fracture.
May/10/2018	Husky Oil Operations	SeaRose FPSO	Actual: Leak of Hazardous Substance	An unexpected increase in H <sub>2</sub> S in the cargo oil tank was identified due to produced water going directly to the tank. The produced water had not been treated with biocide prior to entry.
May/13/2018	Husky Oil Operations	MODU Henry Goodrich	Actual: Near Miss	Tower of scaffold tipped over and slid down until it was resting on the bucking unit.
May/17/2018	HMDC	Helicopter	Actual: Helicopter Occurrence  Potential: Lost/Restricted Workday Injury	After engine shut down for refueling on Hibernia Platform the full authority digital engine control system number 1 fault caution light illuminated.
May/21/2018	Multi-Klient Invest	M/V Ramform Hyperion	Actual: Medevac	Crew member became sea sick due to rough weather conditions and had to be sent to St. John's.

May/21/2018	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	A produced water leak was identified on a port cargo tank.
May/22/2018	ExxonMobil Canada	Hebron Platform	Actual: Implementation of Emergency Response Plan	A general platform alarm sounded due to the loss of main power while performing maintenance on the uninterrupted power supply system.
May/23/2018	Suncor Energy	MODU Transocean Barents	Actual: Near Miss	A saver sub parted at the pin connection resulting in drillstring dropping 1.5 meters and landed in the red zone. No personnel were present in the area.
May/25/2018	ExxonMobil Canada	Hebron Platform	Actual: Helicopter Occurrence	Helicopter flight experienced a tail rotor de-ice fail while on the deck of the Hebron Platform.
May/27/2018	Suncor Energy	MODU Transocean Barents	Actual: Impairment/Damage to Critical Equipment	Damage to a mooring winch.
May/30/2018	Husky Oil Operations	MODU Henry Goodrich	Actual: Implementation of Emergency Response Plan	Smoke was reported in the boiler room which resulted in manually sounding the general platform alarm. Personnel mustered to primary muster station and a boiler was shutdown.
May/30/2018	Suncor Energy	MODU Transocean Barents	Actual: Impairment/Damage to Critical Equipment	Failure of a mud pump.
May/31/2018	Suncor Energy	MODU Transocean Barents	Actual: Impairment/Damage to Critical Equipment	The switch for the blower on the cement pump B traction motor was not functioning.

Jun/01/2018	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	During the annual fire hydrant inspection, 16 fire hydrants were found to have restricted flow or blockage.
Jun/05/2018	Multi-Klient Invest	M/V Ramform Hyperion	Actual: Adverse Environmental Conditions	Loss of floats during bad weather.
Jun/06/2018	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	During normal crane activity, crane operator noticed delayed luffing operation along with noise and vibration. Maintenance technicians found brass and steel fragments in the hydraulic pump drain return filters and the crane was removed from service.
Jun/08/2018	ExxonMobil Canada	Hebron Platform	Actual: Implementation of Emergency Response Plan	The radio operator was unable to establish contact with an unauthorized vessel that was approaching safety zone of the single anchor loading system.
Jun/08/2018	HMDC	Helicopter	Actual: Helicopter Occurrence	Active vibration control degrade was noted upon departing the Hibernia Platform.
Jun/09/2018	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	Impairment of the fast rescue craft.
Jun/09/2018	ExxonMobil Canada	Hebron Platform	Actual: Implementation of Emergency Response Plan	General platform alarm and process system shutdown occurred due to loss of main power.

Jun/17/2018	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury	A worker experienced pain in the lower left side of their back while egressing from a hoarded scaffold platform to the access ladder.
Jun/17/2018	Suncor Energy	Terra Nova FPSO	Actual: Near Miss	Damage was observed on the heat shield wind deflector on the flare tip causing a potential for a dropped object.
Jun/18/2018	Husky Oil Operations	SeaRose FPSO	Actual: Leak of Hazardous Substance	A leak was observed on a seal connected to a bleed valve while the topside methanol injection system was being pressurized in preparation of injection of methanol to a drill center.
Jun/24/2018	ExxonMobil Canada	Helicopter	Actual: Helicopter Occurrence	While preparing for approach to a runway, the altitude and airspeed indicators were lost which caused the autopilot to disengage. The helicopter landed without incident.
Jun/25/2018	Suncor Energy	MODU Transocean Barents	Actual: Implementation of Emergency Response Plan	False H <sub>2</sub> S alarm from the HVAC intake for the shakerhouse.
Jun/26/2018	Suncor Energy	M/V Maersk Clipper	Actual: Impairment/Damage to Critical Equipment	The M/V Maersk Clipper experienced a temporary loss of propulsion.
Jun/26/2018	Husky Oil Operations	SeaRose FPSO	Actual: Leak of Hazardous Substance	Crude oil was noticed leaking from a small crack in a produced water line on Topsides.

Jun/27/2018	Suncor Energy	Terra Nova FPSO	Actual: Implementation of Emergency Response Plan	Inadvertent level one shutdown and general platform alarm activated during the annual class survey electrostatic discharge cause and effects testing.
Jun/28/2018	HMDC	Helicopter	Actual: Helicopter Occurrence	Cabin temperature issues on outbound flight to Hibernia Platform.
Jun/29/2018	Suncor Energy	MODU Transocean Barents	Actual: Implementation of Emergency Response Plan	A manual call point was activated in the port pontoon triggering a general platform alarm.

<sup>\*</sup>HMDC – Hibernia Management and Development Company ltd.

## Note:

Initial reports from Operators may be amended when new information is received or circumstances change. For example, an incident initially reported as a minor injury (sprained ankle) may later be reclassified as a major injury (broken ankle) following further onshore medical assessment.

The C-NLOPB will issue an updated quarterly incident report if there are changes to classifications or other information provided for the previous quarter.

Policy Respecting Public Disclosure of Incidents and Related Information

**Incident Reporting and Investigation Guideline**