



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| Date Incident Occurred | Operator | Installation | Incident Classification(s) (Actual/Potential) | Incident Description |
|------------------------|----------------------|--------------------------|--|---|
| 2018-10-01* | ExxonMobil Canada | Hebron Platform | Actual: Impairment/Damage to Critical Equipment | Battery backup and inverter supply from uninterruptable power supply were unavailable due to failure while performing maintenance. |
| 2018-10-02 | Suncor Energy | Helicopter | Actual: Helicopter Occurrence | Ice detected and associated tail rotor ice protection system (RIPS) cautions illuminated approximately 20 minutes into the inbound flight. Flight continued as icing conditions were not present. RIPS system was checked by maintenance when returned to base. |
| 2018-10-04 | HMDC** | Hibernia Platform | Actual: Implementation of Emergency Response Plan | Loss of main power generator B which prompted manual initiation of general platform alarm and unplanned muster. |
| 2018-10-05 | GX Technology Canada | <i>M/V Strait Hunter</i> | Actual: Impairment/Damage to Critical Equipment | The support vessel <i>M/V Strait Hunter</i> had a lube oil line burst at a gasket while changing oil filter. This resulted in the shutdown of the main engine. |
| 2018-10-06 | HMDC | Hibernia Platform | Actual: Implementation of Emergency Response Plan | Loss of main power generator B which prompted manual initiation of general platform alarm and unplanned muster. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|-------------------|--------------------------------|---|---|
| 2018-10-07 | Suncor Energy | <i>Transocean Barents</i> MODU | Actual: Impairment/Damage to Critical Equipment | Communication loss with blue pool subsea electronic module B (redundancy available). |
| 2018-10-08 | ExxonMobil Canada | Helicopter | Actual: Helicopter Occurrence | Crew encountered two tail rotor de-ice fails outbound to Hebron Platform. Crew reset the systems both times successfully. |
| 2018-10-10 | HMDC | Hibernia Platform | Actual: Leak of Hazardous Substance | While performing a pressure test on the platform fuel hose prior to fuel transfer, it was noted there was a leak in the hose. There was no loss to sea. |
| 2018-10-10 | HMDC | Hibernia Platform | Actual: Near Miss | While completing a pressure test (nitrogen) on flowline flare valves, nitrogen was inadvertently pumped through the wrong hose due to an incorrect valve line up. |
| 2018-10-12 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Implementation of Emergency Response Plan | Smoke detection in the aft machinery space due to steam build-up in the fresh water generator room, which resulted in a general platform alarm. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|-------------------|---|---|
| 2018-10-13 | Husky Oil Operations Limited | SeaRose FPSO | Actual: Spill & Impairment/Damage to Critical Equipment & Significant Hydrocarbon Release | Number one forward fire pump had shut down due to a hydraulic oil leak of approximately 400 liters to sea. The fire pump was out of service for greater than 12 hours but was repaired and brought back into service. |
| 2018-10-14 | HMDC | Hibernia Platform | Actual: Significant Hydrocarbon Release | During start-up of B gas compression, a leak was detected on an upstream connection for the 4 th stage scrubber pressure safety valve. |
| 2018-10-15 | ExxonMobil Canada | Helicopter | Actual: Helicopter Occurrence | On approach to the Hebron Platform, the helicopter nose gear was observed to be extended more than usual. The crew were made aware of the situation and returned to St. John's without incident. Cougar maintenance checked the nose gear and determined that it was serviceable. |
| 2018-10-17 | HMDC | Helicopter | Actual: Helicopter Occurrence | While in transit to St. John's from offshore, flight crew experienced an active vibration control fail. Crew reset the system and returned to St. John's without further incident. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|--------------------------------|---|---|
| 2018-10-17 | Husky Oil Operations Limited | <i>Henry Goodrich</i> MODU | Actual: Impairment/Damage to Critical Equipment | Mud logger system which monitors mud pit volume trends shutdown unexpectedly. System was rebooted and restored. |
| 2018-10-20 | Suncor Energy | <i>Transocean Barents</i> MODU | Actual: Near Miss Potential: Lost/Restricted Workday Injury | Dropped object - Chain weighing 3.35kg fell from a height of 21 meters to the drill floor below (drill floor was established as a black zone so no personnel were in the area). Two designated personnel were working at an elevation 2.5 meters below the object when it fell. |
| 2018-10-21 | ExxonMobil Canada | Hebron Platform | Actual: Impairment/Damage to Critical Equipment | During planned system testing, the nitrogen gas supply for a portion of the galley fire suppression system was inadvertently discharged. |
| 2018-10-25 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Impairment/Damage to Critical Equipment | An unexpected telecommunication outage which affected primary external voice and data communications system onboard was encountered. During the outage, the secondary external satellite communications systems remained functional. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|---------------|--------------------------------|--|--|
| 2018-10-29 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Implementation of Emergency Response Plan | A general platform alarm sounded due to faulty gas detectors. |
| 2018-10-29 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Impairment/Damage to Critical Equipment | Blow down valve failed to open during emergency shut down. |
| 2018-11-04 | Suncor Energy | <i>Transocean Barents</i> MODU | Actual: Implementation of Emergency Response Plan | False alarm and unplanned muster due to excessive vibration of manual call point. |
| 2018-11-04 | HMDC | Hibernia Platform | Actual: Near Miss Potential: Fatality | A scaffold located on the slick deck fell over due to high wind conditions and came to rest on the elevator feeder mechanism. There were no injuries/equipment damage. |
| 2018-11-06 | HMDC | Hibernia Platform | Actual: Impairment/Damage to Critical Equipment Potential: Unauthorized Discharge | Loss of blow out preventer accumulator fluid. There was no loss to sea. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|---------------------------------|------------------------|---|---|
| 2018-11-06 | ExxonMobil Canada | Hebron Platform | Actual: Impairment/Damage to Critical Equipment | Derrick equipment set non-hazardous HVAC shutdown due to variable frequency drive unit. The unit was replaced and back in service six hours later. |
| 2018-11-07 | Husky Oil Operations Limited | <i>SeaRose</i> FPSO | Actual: Implementation of Emergency Response Plan | Inadvertent activation of manual call point resulted in general platform alarm. Confirmed as false alarm. |
| 2018-11-07 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Implementation of Emergency Response Plan Potential: Significant Hydrocarbon Release | Implementation of emergency response plans due to gas detection in the quick connect disconnect room. |
| 2018-11-08 | Suncor Energy | Helicopter | Actual: Helicopter Occurrence | While taxiing for departure to the <i>Transocean Barents</i> MODU, the helicopter returned to the base due to a technical issue with the weather radar on the aircraft. Component was replaced by Cougar maintenance and ground checks were completed. The aircraft was returned to service and flight continued. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|-------------------|--------------------------------|---|--|
| 2018-11-10 | Suncor Energy | <i>Transocean Barents</i> MODU | Actual: Implementation of Emergency Response Plan Potential: Lost/Restricted Workday Injury | Hydrogen sulfide readings were detected in an HVAC intake and shaker extract (detection due to stagnant seawater in piping being circulated). Precautionary general platform alarm was activated for muster. |
| 2018-11-12 | ExxonMobil Canada | Hebron Platform | Actual: Impairment/Damage to Critical Equipment | Deluge testing of zones 8 and 9 determined the proportion of alcohol resistant –aqueous film forming foam flow is 0.8% and requires a minimum of 0.9%. |
| 2018-11-13 | ExxonMobil Canada | Helicopter | Actual: Helicopter Occurrence | Longer than anticipated taxi time resulted in additional fuel needed. Pilot returned to base prior to departure to top off fuel before flight to the Hebron Platform. |
| 2018-11-13 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Impairment/Damage to Critical Equipment | Three out of five thrusters were found to be unavailable. Troubleshooting commenced immediately and all five thrusters were made operational. |
| 2018-11-14 | Suncor Energy | <i>Transocean Barents</i> MODU | Actual: Impairment/Damage to Critical Equipment | Damaged blow out preventer pod receptacles due to step missed in planned disconnection procedure. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|---------------------------------|-------------------------------|--|---|
| 2018-11-15 | HMDC | Hibernia Platform | Actual: Impairment/Damage to Critical Equipment | Impairment of lifeboats 1, 2 and 8 due to severe weather conditions. |
| 2018-11-15 | ExxonMobil Canada | Hebron Platform | Actual: Implementation of Emergency Response Plan & Impairment/Damage to Critical Equipment Potential: Fire/Explosion | General platform alarm due to smoke indication in the living quarters level six standby electrical room. Fire teams investigated and confirmed there was no fire but a short circuit in switchgear. |
| 2018-11-15 | Husky Oil Operations Limited | <i>Henry Goodrich</i> MODU | Actual: Impairment/Damage to Critical Equipment | Mooring chain #11 parted due to adverse weather conditions. |
| 2018-11-15 | Husky Oil Operations Limited | <i>Henry Goodrich</i> MODU | Actual: Fire/Explosion & Implementation of Emergency Response Plan | There was a general platform alarm due to smoke detection in the thruster room due to an oil leak that dripped on a heater causing smoke. |
| 2018-11-16 | ExxonMobil Canada | Hebron Platform | Actual: Implementation of Emergency Response Plan | General platform alarm initiated due to inadvertent activation of manual call point. All personnel mustered safely. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|----------------------------|---|---|
| 2018-11-19 | HMDC | Hibernia Platform | Actual: Near Miss Potential: Fire/Explosion | Smolder in the M53 laundry galley. Laundry room attendant ensured that potential fire threat had been extinguished. |
| 2018-11-20 | HMDC | Helicopter | Actual: Helicopter Occurrence | During transit to St. John's from Hibernia Platform, the lower passenger door was suspected to be not properly secured. The aircraft returned to the Hibernia Platform where door was inspected and re-secured. |
| 2018-11-22 | Husky Oil Operations Limited | <i>Henry Goodrich</i> MODU | Actual: Impairment/Damage to Critical Equipment | Windlass failure while cross tensioning the installation's anchor chains. |
| 2018-11-22 | Suncor Energy | <i>Terra Nova</i> FPSO | Actual: Leak of Hazardous Substance | Methanol leak was identified on the turret utility swivel (leak contained on the facility, with no release to the environment). |
| 2018-22-27 | ExxonMobil Canada | Hebron Platform | Actual: Near Miss Potential: Major Injury | Individuals were installing a lifting cap onto a cement head and it came loose and tipped over. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|--------------------------------|--|---|
| 2018-12-01 | ExxonMobil Canada | Hebron Platform | Actual: Unauthorized Discharge & Implementation of Emergency Response Plan & Impairment/Damage to Critical Equipment | A general platform alarm was initiated due to a false flame detection indication on the lower deck. As a result, the area's deluge system activated and released alcohol resistant –aqueous film forming foam that was discharged overboard into the sea. |
| 2018-12-04 | Suncor Energy | <i>Transocean Barents</i> MODU | Actual: Impairment/Damage to Critical Equipment | Programmable logic controller loss of communication due to ethernet switch lock up, temporarily affected generator and thrusters. Redundancy available. |
| 2018-12-07 | ExxonMobil Canada | Hebron Platform | Actual: Implementation of Emergency Response Plan | A general platform alarm was initiated due to flame detection indication in lower blow out preventer control room. Fire teams were released to investigate and no fire was observed. Smoke observed from the friction of the V. belts slipping on the pulley system of the high pressure accumulator. |
| 2018-12-08 | Husky Oil Operations Limited | <i>SeaRose</i> FPSO | Actual: Implementation of Emergency Response Plan | A general platform alarm was initiated due to a false H ₂ S detector alarm sounding in the foam room due to preventative maintenance on the fire and gas detection system. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|------------|-------------------------------|--|
| 2018-12-12 | Suncor Energy | Helicopter | Actual: Helicopter Occurrence | Helicopter encountered a data concentrator unit miscompare after landing on the <i>Terra Nova</i> FPSO. Once all passengers disembarked, the flight crew tried to reset however that did not clear the indication. Flight crew decided to hover the aircraft, reset the caution and land back on deck. The flight returned to St. John's without further issue. |
| 2018-12-12 | Husky Oil Operations Limited | Helicopter | Actual: Helicopter Occurrence | Shortly after takeoff from St. John's, the crew experienced a primary stability augmentation system 1 Fault. There were no abnormalities observed related to the handling of the helicopter. A soft reset of the automatic flight control system was carried out but did not resolve the issue. The crew elected to return to base. Fault isolation led to the SAS boost actuator which was replaced and corrected the defect. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|----------------------------|---|--|
| 2018-12-12 | HMDC | Hibernia Platform | Actual: Near Miss Potential: Fatality | The top cover of the hydraulic power pack on the wireline unit became dislodged and fell due to wind. There were no personnel in the area at the time. |
| 2018-12-14 | Husky Oil Operations Limited | <i>Henry Goodrich</i> MODU | Actual: Impairment/Damage to Critical Equipment | The preferred orientation and displacement system boom line for lifeboat number 4 was found not attached to the lifeboat during daily rounds. |
| 2018-12-14 | HMDC | Helicopter | Actual: Helicopter Occurrence | Lightbulb was not illuminating in the flight director panel. After the flight, helicopter maintenance crew replaced the panel and the aircraft returned to service. |
| 2018-12-15 | HMDC | Helicopter | Actual: Helicopter Occurrence | Ramp open light illuminated during lift-off. The aircraft landed and helicopter maintenance crew determined it was a result of a micro-switch not making contact when the cargo door was closed. |
| 2018-12-19 | Suncor Energy | Helicopter | Actual: Helicopter Occurrence | Active vibration control system failure. Flight returned to St. John's and landed safely. |
| 2018-12-23 | Husky Oil Operations Limited | <i>Henry Goodrich</i> MODU | Actual: Impairment/Damage to Critical Equipment | Third party mudlogging trip sensor began showing incorrect tank level readings when compared to primary tank level sensor. |



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

| | | | | |
|------------|------------------------------|-------------------|---|---|
| 2018-12-24 | Husky Oil Operations Limited | SeaRose FPSO | Actual: Implementation of Emergency Response Plan | General platform alarm due to false indication of smoke in engine room. Fire team deployed and returned with no concerns. |
| 2018-12-24 | HMDC | Helicopter | Actual: Helicopter Occurrence | Crew reported an active vibration control degrade on deck of the installation. System was reset and flight departed to St. John's with no other issues. |
| 2018-12-25 | HMDC | Helicopter | Actual: Helicopter Occurrence | Flight returned to deck of installation due to ramp open advisory light. Door handle was re-secured and flight returned without further incident. |
| 2018-12-27 | Husky Oil Operations Limited | SeaRose FPSO | Actual: Impairment/Damage to Critical Equipment | 120mm crack discovered on top of starboard slop tank. A complete survey of the area was completed and repairs were carried out March 24, 2019 with a few smaller repairs to be finalized at a later date. |
| 2018-12-30 | HMDC | Hibernia Platform | Actual: Implementation of Emergency Response Plan | False smoke detector activation during fire and gas testing in M45 generator hall which prompted a general platform alarm and unplanned muster. |

*YYYY-MM-DD

**HMDC – Hibernia Management and Development Company Ltd.



C-NLOPB Quarterly Safety Incident Report

Updated April 18, 2019

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](#)