



C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

Date Incident Occurred (YYYY-MM-DD)	Operator	Installation	Incident Classification(s) (Actual/Potential)	Incident Description
2023-09-27 (Q3 2023)	Hibernia Management Development Company Ltd. (HMDC)	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days	A worker was carrying a boot bag with one handle of the bag over their shoulder. As they started to descend the stairs, the other handle of the bag hitched onto the hand rail causing a jarring stop. The worker reported to the platform nurse with discomfort in their shoulder. Treatment was provided and limitations were put in place that did not conflict with the worker's regular duties. When the worker demobilized the platform for regular time off they visited a doctor where physical therapy was prescribed. The worker was unable to return for their regular scheduled rotation because they were still receiving treatment onshore.
2023-10-02	Suncor Energy Inc. (Suncor Energy)	Terra Nova FPSO	Actual: Implementation of Emergency Response Plans	A deluge skid was inadvertently activated during firefighting system testing, which initiated a General Platform Alarm (GPA). All personnel mustered. A fire team was dispatched to confirm there was no fire.
2023-10-02	ExxonMobil Canada Properties (EMCP)	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	Metal filings were found in a standby power generator lube oil filter bowl during an inspection. The unit was cleaned and reassembled. Redundant generators were available.



C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-10-02	Cenovus Energy Inc. (Cenovus Energy)	SeaRose FPSO	Actual: Significant Hydrocarbon Release	Personnel identified a hissing noise from a recycle cooler in gas train A. Gas train B was brought online and gas train A was shutdown and depressurized, stopping the gas leak. A review of the gas released during the two-hour period was calculated as being less than 5 kg. Fixed gas detection in the vicinity registered a maximum of 0.15% lower explosive limit prior to shutdown. No personnel gas monitors indicated a gas reading during the event. The leaking recycle cooler was repaired.
2023-10-03	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days & Medevac	A worker was pulling manual slips and felt discomfort in their lower abdominal and groin area. The worker reported the discomfort to the medic and was sent onshore for further evaluation. The worker was able to perform onshore duties with applied limitations.
2023-10-03	Suncor Energy	Helicopter	Actual: Helicopter Occurrence	Shortly after departure from St. John's, the aircraft experienced a dual autopilot failure. The Emergency Checklist (ECL) was completed and the crew elected to reset the autopilot system. Both autopilots were reset and the flight continued. Approximately ten minutes later both autopilots failed again. The crew actioned the ECL again and decided to return to St. John's. A flight control computer was replaced.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-10-04	EMCP	Hebron Platform	Actual: Implementation of Emergency Response Plans	A GPA was initiated to muster all personnel when orange clothing was reported in the water. A full muster was accounted for. There was no over the side work occurring at the time. Vessels were requested to do a sweep of the area to look for personnel in the water. Nothing was found. The item was thought to be an orange rain jacket. Vessels and other operators in the area were advised of the sighting.
2023-10-06	Cenovus Energy	SeaRose FPSO	Actual: Impairment/Damage to Critical Equipment	While completing weekly checks on the lifeboats, a port lifeboat starter motor functioned intermittently. The lifeboat was taken out of service and personnel were assigned to an alternate lifeboat. A replacement starter motor was installed.
2023-10-08	EMCP	Hebron Platform	Actual: Implementation of Emergency Response Plans	The platform went into alarm status due to a false indication of a fire in a Main Power Generator (MPG), which resulted in a loss of main power and shutdown. A loss of power to the main turbine controllers resulted in a loss of communication with the integrated MPG fire detection and suppression system causing the system to alarm.
2023-10-08	EMCP	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	During the investigation of the previous loss of main power event (see above), it was identified that the Uninterrupted Power Supply (UPS) system had failed. Troubleshooting determined the system was locked in bypass. The system was switched to manual bypass and restarted, which returned the system to normal.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-10-09	EMCP	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	A switch in the onshore control room had several of its ports enter a disabled state. During this time, two of three means of remote radio communications with the platform were not available. The outage was caused by a faulty fiber patch cable on the Hibernia Platform (see incident below). All communications were restored.
2023-10-09	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	A network failure occurred due to faulty fiber patch cable (which included network connection issues with onshore). Teams worked to restore the network. There was no threat to platform operations or emergency preparedness.
2023-10-11	EMCP	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	After planned maintenance activities on a firewater pump, the hydraulic starting motor did not function as intended. The electric alternate start was tested and functional. The hydraulic starting motor was replaced.
2023-10-12	EMCP	Hebron Platform	Actual: Implementation of Emergency Response Plans	The platform mustered due to a false fire alarm in a MPG. The fire team was dispatched and confirmed there was no presence of fire in the enclosure. During routine rounds, excessive vibration and noise from the MPG enclosure ventilation fan was noted and the decision was made to shutdown the fan. The package went from two operational fans to one and the enclosure began to warm, resulting in a heat sensor activation. The fan was replaced.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-10-13	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	Shortly after function testing a cooling water system valve, both Key Service Generators (KSGs) tripped due to high temperature and the facility switched to emergency power. The KSGs were brought back online and power was restored.
2023-10-15	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days & Medevac	Two workers were manually rolling a drilling bowl component (approximately 41 kg) into a work basket. The component slipped and pinched a worker's finger. The worker reported to the platform nurse, was sent onshore for further assessment, and received a fracture diagnosis. The worker was wearing appropriate gloves for the task.
2023-10-15	HMDC	Hibernia Platform	Actual: Significant Hydrocarbon Release	During weekly rounds, a gas emission was identified on a manual manifold isolation valve. Gas readings were taken and met the criteria for a leak. The manifold was isolated. The leak was estimated to have released between 0.8 and 1.3 kg of gas. The valve was repaired and returned to service.
2023-10-16	Suncor Energy	Terra Nova FPSO	Actual: Implementation of Emergency Response Plans	A GPA was initiated due to deluge system activation. All personnel mustered. The area was investigated and deemed safe. A deluge system transmitter inhibit was not installed during maintenance, causing the release.



C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-10-22	EMCP	Hebron Platform	Actual: Near Miss	During post adverse weather checks it was identified that two scaffold boards and a locking plate were missing. One board was located on a deck 4 m below. The other board and plate could not be located. High winds were observed during the adverse weather event and are thought to have dislodged the items. The boards weighed 5.5 kg each and the plate weighed 1.5 kg.
2023-10-24	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	After completing preventative maintenance it was noticed that a deluge valve was passing. Personnel attempted to re-seat the valve but were unsuccessful. Since a passing deluge valve could inadvertently activate the system, an upstream valve was closed and a designated person was assigned to remain at the deluge skid in case of an emergency situation. The deluge valve was replaced.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-10-26	Suncor Energy	Terra Nova FPSO	Actual: Near Miss	During flushing activities, a piping segment was exposed to a pressure that exceeded the system design. Flushing had continued until a high level trip in the low pressure knock out drum occurred. A water/diesel leak was identified in the system the following day as troubleshooting activities continued. Prior to flushing, it was noted that the minimum flow valve trim cage had clogged with a waxy hydrocarbon material on three separate occasions requiring removal of the valve and cleaning the trim cage. The trim cage was removed to flush the line; however, the pressure safety valve was sized based on the trim cage being installed, which resulted in the overpressure event (other valves were also determined to be in the incorrect position, impacting the intended flow path). A temporary clamp was used to stop the leak until a permanent repair was completed.
2023-10-30	Cenovus Energy	SeaRose FPSO	Actual: Implementation of Emergency Response Plans	A GPA was activated during Manual Alarm Call Point (MAC) testing. The crew mustered and it was confirmed an incorrect MAC was activated during the testing.
2023-11-03	Suncor Energy	Terra Nova FPSO	Actual: Implementation of Emergency Response Plans	A GPA was activated following flow from two deluge skids. All crewmembers mustered safely and the fire team was dispatched to investigate. It was determined that a printer in the central control room moved during high seas and made contact with a button on the nearby deluge mimic panel causing the event.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-11-09	EMCP	Helicopter	Actual: Helicopter Occurrence	Prior to taxi, the Traffic Collision Avoidance System (TCAS) failed. This was listed as a defect from the day before but was reviewed by maintenance and the alarm cleared. A restart was carried out to determine if the fault would clear, but a fault was still present. The minimum equipment list procedure was applied and the aircraft completed the flight (TCAS was not required to complete the flight).
2023-11-11	Cenovus Energy	SeaRose FPSO	Actual: Implementation of Emergency Response Plans	A refrigerant leak detector triggered a GPA. Upon investigation by the fire team, no refrigerant was detected in the area. During the muster personnel noted a strong smell of citrus deodorizer present in the area surrounding the detector prior to the GPA. The amount and type of deodorizer used in the area triggered the refrigerant leak detector. When the cause was determined and detector levels cleared, all personnel were stood down.
2023-11-12	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	The central control room received a firewater generator alarm. The associated diesel driven fire pump was taken out of service until troubleshooting was completed. The three remaining pumps were unaffected and remained in full service providing 150% coverage. The investigation found the central processing unit was not in run mode. The unit was re-initialized and the program was re-installed. The firewater generator was tested and the associated pump was returned to service.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-11-14	Suncor Energy	Helicopter	Actual: Helicopter Occurrence	The crew reported an engine anti-ice fail on the return flight to St. John’s. Search and rescue (SAR) crew were advised and put on standby. Due to icing at their flight level, the crew elected to descend to an altitude of approximately 457 m. The flight continued and landed without any further issues. Passengers were briefed in the air and post flight at the hangar.
2023-11-14	Cenovus Energy	SeaRose FPSO	Actual: Impairment/Damage to Critical Equipment	While performing well re-start preparation activities, a water injector anomaly was identified. Troubleshooting confirmed pressure communication between the tubing and annulus. It also confirmed that the pressure communication pathway was through the primary barrier envelope of the well. The well remains shut in (with no safety or environmental risks identified).
2023-11-16	EMCP	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	During normal lifting operations, noises were noted coming from the luffing winch area of a crane. The crane operator stopped operations. Maintenance and the crane Original Equipment Manufacturer (OEM) were engaged to complete an inspection, which indicated pin movement outside of tolerances. The crane was taken out of service and the OEM performed a fitness-for-service evaluation. The findings were deemed to be due to normal wear based on age, location, and utilization of the crane. Maintenance was conducted to address pin wear and the crane was returned to service.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-11-17	HMDC	Helicopter	Actual: Helicopter Occurrence	While conducting a training exercise, a SAR aircraft was determined to be unserviceable for technical reasons. Another aircraft was reconfigured for SAR readiness. As a result, SAR and medevac coverage was unavailable for 45 minutes. All basin operators were made aware of the outage. The Joint Rescue Coordination Centre (JRCC) was also available for response during the outage.
2023-11-18	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	During routine well surveillance, a slow pressure increase in the tubing hanger/wellhead void space was identified. Troubleshooting concluded the leak path was via the tubing hanger body seals, indicating the degradation of a barrier element (multiple barriers remained in place). The well pressure were monitored while the abandonment strategy was re-evaluated. The tubing hanger was recovered and inspected onshore.
2023-11-23	Suncor Energy	Helicopter	Actual: Helicopter Occurrence	The crew reported an air data computer failure. SAR protocol was engaged and the aircraft turned around and flew back to St. John's with no further issues. Passengers were briefed in the air and on the ground.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-11-26	EMCP	Hebron Platform	Actual: Lost/Restricted Workday Injury > 3 days & Medevac	A worker was handling grating. While moving a section, the worker felt localized discomfort in their knee. The worker reported to the health center for treatment. The on call physician was contacted to discuss work limitations. The worker continued to work for seven shifts with reassessment prior to every shift with no improvement of symptoms and was sent onshore for medical consult. It was determined that the worker had a possible ligament injury.
2023-12-03	Suncor Energy	Terra Nova FPSO	Actual: Implementation of Emergency Response Plans	A GPA sounded due to hydrogen sulphide detection. A full muster was achieved and the fire team was dispatched to investigate the source of the alarm, which was determined to be a faulty sensor.
2023-12-03	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	The cooling air supply for a turret Local Electrical Room (LER) tripped, resulting in a loss of pressurization and cooling. Heating, Ventilation and Air Conditioning (HVAC) Unit A was online and failed, and Unit B did not restart automatically. A worker tried to start up HVAC Unit B, however it was identified that the human machine interface had failed. Technicians were able to restart HVAC, restoring LER pressurization and cooling.



C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-12-04	Cenovus Energy	Helicopter	Actual: Helicopter Occurrence	The flight crew reported an automatic vibration control downgrade indication. The crew carried out the emergency checklist procedure and the flight continued to St. John's with no further issues. Passengers were briefed in flight. Maintenance determined that a mechanical unit required replacement.
2023-12-11	HMDC	Helicopter	Actual: Helicopter Occurrence	A flight landed eight minutes past civil twilight, due to air traffic control instructions to reduce speed for traffic spacing. The flight was otherwise on time as per the flight plan and weather.
2023-12-16	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	A crane experienced loss of power during cargo operations. There was no load on the hook at the time of the power failure. Following an initial investigation, electrical technicians reset the main breaker and power was restored to the crane. The crane was returned to service with continued monitoring.
2023-12-19	Cenovus Energy	Helicopter	Actual: Helicopter Occurrence	During take-off from St. John's, a Data Concentrator Unit (DCU) mis-compare caution indication occurred. The crew landed and the DCU mis-compare cleared. Passengers were briefed upon landing and the flight continued.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-12-24	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days	A worker was attempting to lift a mud filled tarp out of a pan. The tarp weighed approximately 32 kg and was in a location that led to awkward body positioning. This resulted in the worker experiencing lower back pain after lifting the tarp. The worker reported to the platform nurse where treatment was provided and work limitations were applied.
2023-12-25	Suncor Energy	Terra Nova FPSO	Actual: Leak of Hazardous Substance	A worker was completing rounds on the starboard MPG when they noticed diesel fuel leaking in a compartment. Upon further inspection it was determined that one of the steel tubing lines had developed a crack causing the leak. The MPG was shutdown and the diesel was cleaned up. Released diesel was contained in the MPG enclosure and was estimated to be 200 L. The investigation concluded the tubing likely failed due to vibration.
2023-12-25	Cenovus Energy	Helicopter	Actual: Helicopter Occurrence	When the aircraft lifted off the helideck into a hover, a ramp open caution illuminated. The crew landed back on the helideck. The helicopter landing officer was advised and passengers were briefed. A cycle of the upper ramp door (opening and closing) removed the caution. Upon arrival to St. John's the ramp door closing and indication were checked.

C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-12-26	HMDC	Hibernia Platform	Actual: Near Miss	While a worker was racking back a stand of drill pipe, a bracket weighing 0.2 kg dropped from the pipe handler machine electrical service loop from a height of 18.4 m. Barriers were in place and no workers were within the pre-designed exclusion zone.
2023-12-26	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days	A worker was climbing a fixed ladder when their hand slipped, causing the worker to fall back approximately 0.6 m. The worker stood after falling and felt stiffness and discomfort in their lower back. They reported to the platform nurse where first aid treatment was provided and work limitations were applied.
2023-12-28	Cenovus Energy	Helicopter	Actual: Helicopter Occurrence	An outbound flight was approximately 56 km southeast of St. John's when an anti-ice engine fail caution illuminated. The flight crew employed the ECL procedure and proceeded back to St. John's. SAR protocol was also initiated. Passengers were briefed in flight and upon arrival inside the heliport. Maintenance determined the caution was due to an inlet assembly heater mat failure and it was replaced. Post maintenance function checks were completed and the aircraft was returned to service.



C-NLOPB Quarterly Safety Incident Report

October 1, 2023 – December 31, 2023

2023-12-31	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	While completing a periodic Leak Off Test (LOT) on the Surface Controlled Subsurface Safety Valve (SCSSV), the pressure exceeded the allowable limit (i.e., a failed test). The well was shut in to plan troubleshooting (LOTs were successfully executed on other well barriers). Another SCSSV was installed.
------------	------	-----------------------------	---	---