



C-NLOPB Quarterly Safety Incident Report

July 1, 2023 – September 30, 2023

Date Incident Occurred (YYYY-MM-DD)	Operator	Installation	Incident Classification(s) (Actual/Potential)	Incident Description
2023-07-01	Cenovus Energy Inc. (Cenovus Energy)	SeaRose Floating Production Storage and Offloading (FPSO)	Actual: Impairment/Damage to Critical Equipment	An electrician identified a minor leak while conducting maintenance on the emergency generator. The unit was isolated until the repair was completed. A procedure was put in place to utilize the essential generators if required.
2023-07-02	ExxonMobil Canada Properties (EMCP)	Hebron Platform	Actual: Implementation of Emergency Response Plans	A General Platform Alarm (GPA) was initiated due to an indication of smoke in the gravel pack area. All personnel safely mustered. A fire team was dispatched and confirmed that there was no smoke or fire in the area.
2023-07-21	ExxonMobil Canada Ltd. (EMCL)	Hercules Mobile Offshore Drilling Unit (MODU)	Actual: Near Miss	A drill crew was removing a casing spider. While attempting to lift a bushing assembly, internal bushing sections came free. One section came to rest by the rotary. The other section was briefly held between the casing and the side of the rotary before falling into the sea. Each section was 380 kg. There was no risk to personnel, environment or equipment.
2023-07-23	EMCL	Hercules MODU	Actual: Impairment/Damage to Critical Equipment	As the pipe deck pipe handler crane was being positioned to lower a load, the gripper head contacted the starboard deck crane boom walkway railing. The starboard deck crane was stationary and parked in the boom rest at the time of the incident.

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2023-07-24	EMCL	Hercules MODU	Actual: Lost/Restricted Workday Injury > 3 days & Medevac	A drill crew was removing a test cap following a pressure test. When the test cap was released, a worker tried to manually guide it into a basket and pinched their finger. The worker was wearing impact resistant gloves but received a 1.5 cm laceration. They were given first aid treatment from the medic and sent onshore for an assessment.
2023-07-25	Hibernia Management and Development Company Ltd. (HMDC)	Hibernia Platform	Actual: Near Miss Potential: Fatality	During lifting of a chemical tank from the Hibernia Platform to a support vessel, a 1.8 kg piece of timber from the tank support frame fell 15 m to the deck of the vessel. There were no injuries. No personnel were inside the pre-designated lifting exclusion zones either on the Platform or the vessel; however, the incident had the potential for fatality based on the Dropped Objects Prevention Scheme (DROPS) calculator.
2023-07-26	EMCP	Helicopter	Actual: Helicopter Occurrence	There was a Search and Rescue (SAR) service outage to the offshore for approximately 13 hours due to crew illness. All basin operators were made aware of the outage. There was no interruption to offshore medevac coverage during this time. The Joint Rescue Coordination Centre (JRCC) was also available for response during the outage.



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2023-07-28	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	The recorded pressure for a deluge skid was below design pressure during system testing. It was identified that an orifice plate was undersized, resulting in a larger than designed pressure drop during deluge activation. The orifice plate was resized to reach the required design pressure.
2023-07-28	EMCP	Helicopter	Actual: Helicopter Occurrence	A flight was approximately 93 km from St. Johns when the helicopter experienced a #1 alternating current generator failure alarm. Passengers were advised in flight of the decision to return to St. John's and were briefed upon arrival. Maintenance replaced the generator control unit and the helicopter was returned to service. This was not a safety of flight event as there are redundant power supplies for the helicopter.
2023-07-30	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days	A worker was dismantling scaffolding when they developed discomfort in their right shoulder. The worker went to the medic the following day and received treatment. When the worker arrived onshore for regularly scheduled days off, they were assessed by a physician who recommended work limitations.

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2023-07-31	Cenovus Energy	SeaRose FPSO	Actual: Leak of Hazardous Substance	After completion of maintenance activities for the starboard slops tank, two workers were preparing to remove the blind on the tank balance line. Upon loosening the first two bolts, Hydrogen Sulfide (H ₂ S) was detected on a worker's personal gas monitor. The blind was secured and the H ₂ S dissipated. The crew members exited the work area and the blind was safely removed under supplied air.
2023-08-01	EMCL	Hercules MODU	Actual: Lost/Restricted Workday Injury > 3 days	A worker reported to the medic with a swollen ankle. They indicated that the injury occurred the previous evening.
2023-08-03	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	A drilling Uninterruptible Power Supply (UPS) failed, which resulted in a partial power loss. Electricians bypassed and isolated the failed UPS to restore power to impacted loads.
2023-08-04	EMCP	Helicopter	Actual: Helicopter Occurrence	There was a SAR service outage to the offshore for approximately 12 hours due to crew illness. All basin operators were made aware of the outage. There was no interruption to offshore medevac coverage during this time. The JRCC was also available for response during the outage.
2023-08-05	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	A diesel driven Fire Water Pump (FWP) was taken out of service for maintenance. While attempting to start the pump, the pump generator failed due to low voltage output. Three FWPs remained in service providing 150% coverage. Repairs were completed and the unit was returned to service.

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2023-08-13	Suncor Energy Inc. (Suncor Energy)	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	While lowering the crane hook to complete a lift, the hoist line started to jump in the crane boom. This activated the slack rope indicator and shut down the hoist drum. When the slack line indicator was out of alarm, the hoist drum re-started. On restart, the hoist line started to jump again activating the slack rope indicator. Lifting operations were stopped and the crane was taken out of service. The crane controls vendor was mobilized to the FPSO to investigate. The crane was returned to service.
2023-08-19	Suncor Energy	Terra Nova FPSO	Actual: Implementation of Emergency Response Plans	A GPA was initiated by a heat detector in the designated smoking room. The detector was incorrectly activated during testing of fire and gas detection system devices. All personnel safely mustered. A fire team was dispatched and confirmed that there was no smoke or fire in the area.
2023-08-21	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	An issue was identified with a lifeboat bow thruster power isolation switch. The lifeboat could still operate safely and was not taken out of service. The switch was serviced and a replacement was also ordered.
2023-08-21	HMDC	Helicopter	Actual: Helicopter Occurrence	During take-off at St. John's, the door open indication light came on. Passengers were advised prior to returning to base. The switch was adjusted and the door indication was checked serviceable. The flight proceeded without further incident.

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2023-08-23	EMCL	Hercules MODU	Actual: Lost/Restricted Workday Injury > 3 days & Medevac	A worker twisted their knee in the shower. They went to the medic the following morning and received treatment. The worker declared they were unable to perform their duties and it was decided to put the worker on restricted work duties to avoid aggravation. The worker was later sent onshore for further evaluation.
2023-08-24	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	The control operating system of the forward starboard crane malfunctioned on startup. The crane was stowed and taken out of service. A part was replaced and the crane was returned to service.
2023-08-24	EMCL	Hercules MODU	Actual: Lost/Restricted Workday Injury ≤ 3 days	A worker stepped on a drain cover in a walkway, causing it to dislodge and allowing their foot to enter the drain hole. This caused the worker to lose their balance and injure their foot. The worker reported to the medic after shift to receive treatment. The worker was reassessed prior to the start of their next shift and was placed on restricted work duties.
2023-08-27	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	A FWP was taken out of service for troubleshooting due to sustained low megger readings. Three FWPs remained in service providing 150% coverage. The motor was replaced and the unit was returned to service.

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2023-08-28	Cenovus Energy	SeaRose FPSO	Actual: Impairment/Damage to Critical Equipment	A technician noticed oil in the bilge around the #2 main engine during inspections and found the lube oil return spool leaking. The leaked lube oil was contained within the engine room bilge and pumped into the bilge holding tank for storage and disposal. The #1 main engine remained available for emergency use until the #2 main engine was returned to service.
2023-08-29	Cenovus Energy	SeaRose FPSO	Potential: Impairment/Damage to Critical Equipment	A solenoid failure caused a valve to close. Closure of this valve then triggered a high-pressure alarm and tripping of a glycol pump. This also caused a Pressure Safety Valve (PSV) to activate as per design. The solenoid was replaced and a recertified PSV was installed.
2023-08-29	EMCP	Helicopter	Actual: Helicopter Occurrence	The landing gear would not retract after take-off from St. John's. The flight continued to the Hebron Platform where the landing gear was pinned. The return flight to St. John's was completed without further incident. Upon return, the landing gear was inspected and found serviceable.
2023-08-29	HMDC	Hibernia Platform	Actual: Lost/Restricted Workday Injury > 3 days	A worker was descending stairs and felt discomfort in their left knee. The worker received treatment from the platform nurse and was given work limitations prior to their next shift. Following additional medical consultation onshore after the current rotation was completed, it was decided to have the worker remain onshore for their next scheduled rotation and work in the office.

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2023-09-08	Suncor Energy	Terra Nova FPSO	Actual: Impairment/Damage to Critical Equipment	Valve clearance issues were identified while completing FWP inspection. A second FWP was fully functional and active during the impairment and a seawater lift pump was also switched over to firewater service. Hydrocarbon production operations were not ongoing at the time and no crude oil was on board. The FWP was repaired and returned to service.
2023-09-11	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	It was identified that a vendor recommendation within the annual elevator maintenance report had not been completed. The elevator was taken out of service until further inspection and repairs were completed.
2023-09-11	EMCP	Hebron Platform	Actual: Implementation of Emergency Response Plans	A GPA was initiated due to an indication of confirmed gas in a gas turbine compressor train ventilation exhaust. Immediately prior to the alarm, a redundant power supply for gas detectors in the unit was shut down to allow for scheduled work on the equipment. All personnel safely mustered and the fire team was put on standby (the installation was shut down for maintenance so there were no drilling/production activities ongoing at the time). It was determined the alarm was caused by the loss of power and not gas detection.

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2023-09-21	EMCP	Hebron Platform	Actual: Impairment/Damage to Critical Equipment	The flare tip was replaced as part of the planned maintenance shutdown. During the flare tip replacement, components of the ignition systems were inspected and determined to require additional maintenance. The secondary ignition system was available prior to the resumption of production operations.
2023-09-23	EMCP	Helicopter	Actual: Helicopter Occurrence	While setting up for approach to the installation, the landing gear indicated an unlocked condition. The emergency checklist was followed and the procedure was successful. The helideck crew confirmed the landing gear was down prior to landing on the helideck. The helicopter was deemed safe to return to St. John's with the landing gear pinned down. The flight returned safely to St. John's without incident. Maintenance determined the cause to be a landing gear solenoid valve, which was replaced.
2023-09-23	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	Brine was pumped into the A-Annulus to reconfirm fluid level in the annulus. During pumping, brine was observed in the Christmas tree void above the tubing hanger seal. A communication path was identified in the removed wellbore equipment when evaluated onshore.

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2023-09-24	EMCP	Helicopter	Actual: Helicopter Occurrence	A hard landing caution appeared while on deck of the installation, approximately five minutes after landing. Given the aircraft had landed five minutes prior in what was deemed a normal landing, this was suspected as a false indication. The caution cleared before departure from the helideck.
2023-09-27	EMCP	Helicopter	Actual: Helicopter Occurrence	A hard landing caution illuminated while taxiing. This was deemed a false indication as the aircraft had not departed and landed yet. The passengers were briefed in the aircraft and the helicopter returned to the hanger. Maintenance confirmed there was no hard landing. The false warning was confirmed to be triggered from a main landing gear hard landing switch. The switch was replaced and the helicopter was returned to service.
2023-09-30	HMDC	Hibernia Platform	Actual: Impairment/Damage to Critical Equipment	A diesel driven FWP was found to have high discharge pressure during its weekly maintenance run. Maintenance completed troubleshooting and determined the issue was the pressure control valve. Further troubleshooting determined new parts were required. Three FWPs remained in service providing 150% coverage. Repairs were completed and the unit was returned to service.