

C-NLOPB Quarterly Safety Incident Report

October 1, 2019 – December 31, 2019

Date Incident Occurred (YYYY-MM-DD)	Operator	Installation	Incident Classification(s) (Actual/Potential)	Incident Description
2019-10-04	ExxonMobil Canada	<i>West Aquarius</i> MODU	Actual: Implementation of Emergency Response Plan	Unplanned muster due to accidental activation of deluge during system testing.
2019-10-04	Hibernia Management Development Company (HMDC)	<i>Hibernia</i> Platform	Actual: Impairment/Damage to Critical Equipment	Fire water pump B was taken out of service due to trip of low voltage indication. The problem was repaired.
2019-10-08	GX Technology Canada	<i>MV Polar Prince</i>	Potential: Impairment/Damage to Critical Equipment	<i>MV Polar Prince</i> crew identified the loss of a 12 person life raft (believed to have been due to recent heavy seas). Sufficient evacuation equipment remained for the number of personnel on board.
2019-10-09	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Seawater cooling pumps stopped providing cooling to the main air compressors. Due to the lack of instrument air an emergency shutdown was authorized.
2019-10-12	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Inert gas generator #1 experienced a mechanical problem coming online. The problem was resolved. Production operations on the facility were shutdown at the time of the incident.

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2019-10-12	Husky Oil Operations	<i>MV Skandi Vinland</i>	Actual: Lost/Restricted Workday Injury	Ankle injury caused by boot sole getting stuck in between a foot grating and trolley rail.
2019-10-12	Suncor Energy	<i>Terra Nova FPSO</i>	Actual: Near Miss Potential: Fatality	Trolley fell 34m to the main hatch of the quick connect disconnect coupler room. No personnel were in the lower levels of the turret.
2019-10-13	Suncor Energy	<i>Terra Nova FPSO</i>	Actual: Implementation of Emergency Response Plans	General platform alarm occurred due to false activation of a manual call point. Unit was replaced.
2019-10-17	ExxonMobil Canada	<i>Hebron Platform</i>	Actual: Significant Hydrocarbon Release	Hydrocarbon gas leak from a compressor at the pilot assembly leak port. Standby unit was put into service. There was no release to the environment.
2019-10-18	Husky Oil Operations	<i>SeaRose FPSO</i>	Actual: Near Miss Potential: Lost/Restricted Workday Injury	Failure occurred on a steam isolation valve off of the main steam header. No personnel in the area at the time.
2019-10-20	ExxonMobil Canada	<i>Hebron Platform</i>	Actual: Implementation of Emergency Response Plans & Impairment/Damage to Critical Equipment & Significant Hydrocarbon Release	Platform went into alarm status after a hydrocarbon (fuel gas) release from an atmospheric vent during maintenance.

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2019-10-25	Husky Oil Operations	<i>SeaRose</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Fire water pump number 2 out of service. During scheduled maintenance, a small fuel weep was identified. Replacement parts were installed.
2019-10-28	ExxonMobil Canada	<i>Hebron</i> Platform	Actual: Impairment/Damage to Critical Equipment	Temporary loss of communication within crude oil interface level measurement system. Switched over to backup system while the issue was being resolved.
2019-10-28	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: None Potential: Fire/Explosion	Arcing of the electrical heat trace circuit was noticed by the electrician after insulation was removed.
2019-10-30	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	During planned maintenance, the emergency generator faulted and tripped.
2019-10-31	HMDC	Helicopter	Actual: Helicopter Occurrence	Flight crew reported an air data computer fault on the out bound leg. Crew discussed issue with Cougar maintenance and it was determined based on current conditions that the flight could continue.

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2019-11-04	Husky Oil Operations	<i>SeaRose</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Forward fire water pump number 1 impairment after the turbocharger failed during weekly maintenance. The turbocharger was replaced.
2019-11-06	Husky Oil Operations	<i>SeaRose</i> FPSO	Actual: None Potential: Impairment/Damage to Critical Equipment	Electrical cable damage due to crane operations near helideck. Repairs completed.
2019-11-06	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Implementation of Emergency Response Plans	A general platform alarm occurred due to false activation of flame detector. Detection device was determined to be faulty.
2019-11-07	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Gear box to Fire Water Pump A was inspected after reports of a burning smell were reported. Oil samples were taken and pump was taken out of service for investigation.
2019-11-08	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	While starting a seawater lift pump in fire water mode, an increase in ringmain pressure resulted in a deluge valve inadvertently opening. This also resulted in the activation of a general platform alarm.

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2019-11-11	ExxonMobil Canada	<i>West Aquarius</i> MODU	Actual: Implementation of Emergency Response Plans	Unplanned muster due to accidental deluge activation (a worker inadvertently functioned a valve).
2019-11-12	ExxonMobil Canada	<i>West Aquarius</i> MODU	Actual: Implementation of Emergency Response Plans	Unplanned muster due to sensor not properly calibrated.
2019-11-13	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	An unexpected telecommunication outage effecting primary communications occurred. All secondary communications remained functional. Normal service was restored.
2019-11-15	Husky Oil Operations	<i>Henry Goodrich</i> MODU	Actual: Impairment/Damage to Critical Equipment	A code error led to a mud logger trip tank sensor impairment. The error was resolved and the sensor functioned normally afterwards.
2019-11-17	HMDC	<i>Hibernia</i> Platform	Actual: Lost/Restricted Workday Injury	Worker was holding handrail while descending stairs and lost footing.
2019-11-20	Suncor Energy	<i>MV Siem Pilot</i>	Actual: Impairment/Damage to Critical Equipment	Failure of a power module in the port propulsion frequency drive. Standby vessel was capable of maintaining standby duties at all times.
2019-11-21	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Inert gas generator number 1 out of service. Hydrocarbon blanket and recovery system was available.



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2019-11-22	HMDC	<i>Hibernia</i> Platform	Actual: Near Miss	Dropped Object - Node pin (approximately 1 kg) fell approximately 2.6 m and landed in the temporary grating of the scaffold approximately 3m from work team.
2019-11-24	ExxonMobil Canada	Helicopter	Actual: Helicopter Occurrence	Aircraft experienced a dual autopilot failure on approach to the Hebron platform. The crew consulted the emergency checklist and were able to regain the functionality of both autopilots and continued without further issue.
2019-11-25	ExxonMobil Canada	Helicopter	Actual: Helicopter Occurrence	During flight to the Hebron platform, aircraft experienced a number 1 hydraulic pressure high indication on the engine indicating and crew alerting system. After consultation with helicopter maintenance, it was decided that the helicopter return to base. A leak was found in a hydraulic heat exchanger and was repaired.



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2019-11-26	HMDC	Helicopter	Actual: Helicopter Occurrence	Crew reported intermittent door light on approach to the Hibernia platform. Flight landed without issue and prior to departing installation, passengers boarded and doors closed and locked with no further issue reported.
2019-11-26	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Impairment/Damage to Critical Equipment	Primary external telecommunication impairment due to unexpected outage. Secondary external communications remained functional. Operations and emergency response capabilities also remained available.
2019-11-28	ExxonMobil Canada	Helicopter	Actual: Helicopter Occurrence	While taxiing, door open intermittent caution light was noted. The captain went out of the cockpit and visibly confirmed that the door was secure and the light extinguished for the remainder of the flight to the Hebron platform.

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2019-12-05	HMDC	Helicopter	Actual: Helicopter Occurrence	During outbound flight to the Hibernia platform, number 2 engine failed its in-flight engine power assurance check. Flight returned to St. John's. Upon arrival, maintenance inspected the engine and determined an engine change was required.
2019-12-07	Husky Oil Operations	<i>SeaRose</i> FPSO	Actual: Near Miss Potential: Lost/Restricted Workday Injury	Individual entered a confined space without a complete understanding of the permit to work system during a scheduled maintenance of main engine number 1.
2019-12-13	ExxonMobil Canada	<i>Hebron</i> Platform	Actual: Significant Hydrocarbon Release	Fuel gas vented from a safe location during planned maintenance due to delay in closing gas inlet valve after a stop command was issued. A faulty solenoid caused the delay and was replaced. There was no release to the environment.
2019-12-14	ExxonMobil Canada	<i>West Aquarius</i> MODU	Actual: Implementation of Emergency Response Plans	Unplanned muster due to faulty sensor.

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2019-12-16	Husky Oil Operations	Helicopter	Actual: Helicopter Occurrence	On approach to St. John's during a flight from the SeaRose FPSO, the nose landing gear did not deploy when initiated by the flight crew. In accordance with the emergency checklist, the crew attempted to lower the gear using a secondary system, which was unsuccessful. Helicopter hovered and helicopter maintenance crew lowered the nose gear manually. Helicopter landed safely.
2019-12-22	HMDC	<i>Hibernia</i> Platform	Actual: Lost/Restricted Workday Injury	Worker stepped onto mat which covered a drain and due to uneven surface between drain grating and rubber matting on deck worker rolled left ankle.
2019-12-25	HMDC	<i>Hibernia</i> Platform	Actual: Lost/Restricted Workday Injury	Worker was descending a stairwell when they lost their footing. Worker's hand slid along the handrail and contacted an upright brace of the rail resulting in a broken finger.

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2019-12-26	Husky Oil Operations	<i>Henry Goodrich</i> MODU	Actual: Impairment/Damage to Critical Equipment	No communication with starboard forward thruster, which prevented thruster from starting. Troubleshooting commenced and it was determined that there was a failed communications card. The card was replaced, the thruster tested and full functionality was confirmed.
2019-12-28	HMDC	Helicopter	Actual: Helicopter Occurrence	Shortly after takeoff from St. John's (outbound to the Hibernia platform), flight crew reported they could not couple the autopilot and returned to base. Upon arrival, helicopter maintenance discovered that the left hand main landing gear strut had lost all its fluid. This inhibited the coupling of the autopilot. The left hand strut was replaced and aircraft was returned to service.



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2019-12-28	ExxonMobil Canada	<i>MV Avalon Sea</i>	Actual: Impairment/Damage to Critical Equipment	While assisting tanker hook-up operations in the Hebron field, the hawser fore runner of the north single anchor loading system became entangled in the bow thruster of the <i>MV Avalon Sea</i> . Tanker hook-up operations were temporarily suspended.
2019-12-29	Suncor Energy	<i>Terra Nova</i> FPSO	Actual: Major Injury & Medevac & Implementation of Emergency Response Plan Potential: Fatality	Worker's self-controlled breathing apparatus tank snagged in hatch opening while entering the aft peak water ballast tank, causing the worker to fall approximately 7.62 m (25 feet).