

Spill Learnings

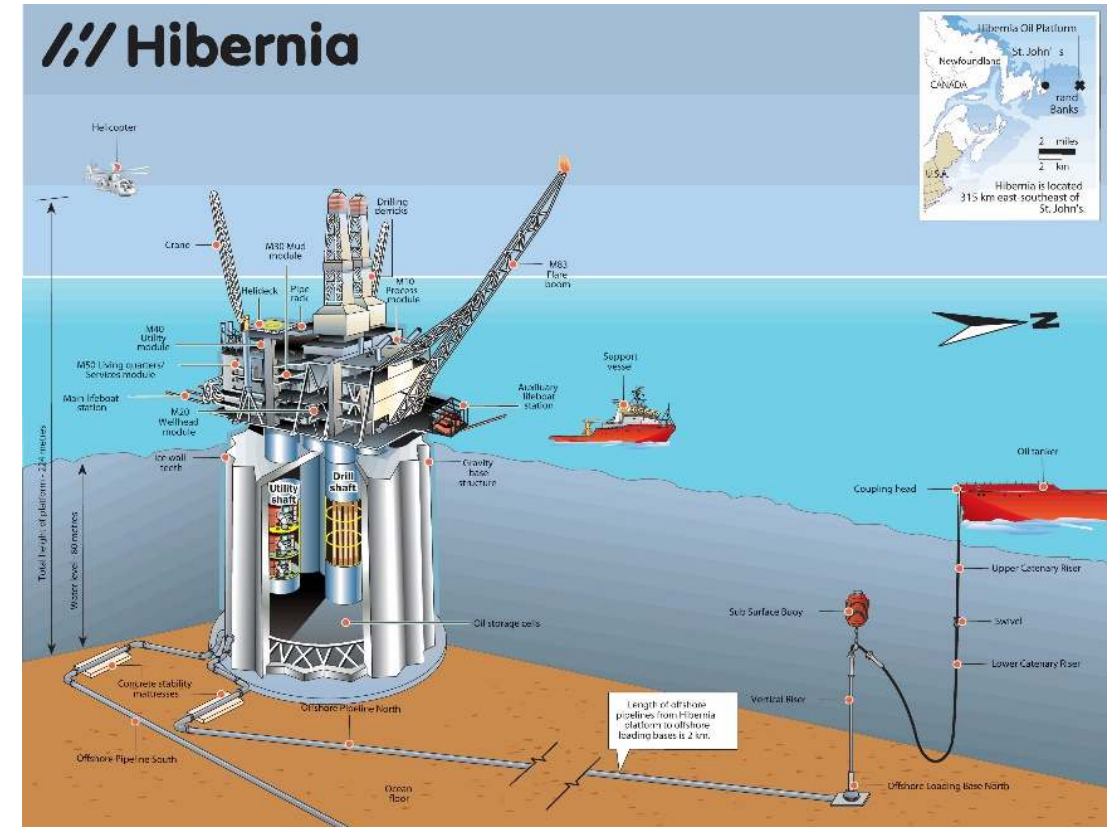
Scott Sandlin, HMDC President

HMDC is committed to ensuring the safety of our people and the protection of the environment.

HMDC is committed to continuous efforts to improve environmental performance throughout its operations.

July 17 Event Summary

- An oil and water mixture was discharged from one of the Hibernia Platform's crude oil storage cells
 - Personnel responded appropriately to mitigate escalation
 - Switched production to different cell group immediately
- Correction action – Removed interface layer from active cells before production resumed
- Aerial surveillance estimated release as ~ 75 barrels (~12,000 liters)
- No one hurt during incident or response



August 17 Event Summary

- Cascading events resulted in Hazardous Open Drains Tank (HODT) level rising rapidly, and overflowing to sea
 - Instrument Air system pressure loss
 - Essential Generators tripped
 - Deluge system activated due to low system air pressure
 - HODT pumps offline due to Essential Generator trip
- Aerial surveillance estimated release as ~ 14 barrels (~2,200 liters)
- No one hurt during incident or response, facility worked as designed



Response Actions

- **Situational Awareness**

- Sheen tracking technology - Tracker buoys, satellite imagery, trajectory modelling
- Aerial surveillance - Daily fixed-wing and helicopter overflights

- **Recovery & Response**

- Multiple vessels tasked with oil recovery, monitoring, wildlife observation, and water sampling
 - Recovery Operations - Mechanical recover equipment, mechanical dispersion
 - Wildlife Observations - Multiple observers, dedicated wildlife observation vessels
 - Water Sampling - Program for collecting water column samples
 - Decontamination - All vessels involved in the response effort

- **Communication**

- Daily contact with Stakeholders (e.g. Agencies, OneOcean, Public)

Response programs executed consistent with HMDC Oil Spill Response Plan

Learnings from Responses

- **What worked well**
 - Quick activation of IMT, resources deployed to field
 - Basin-wide cooperation
 - Technical support resources
 - Decontamination & waste management
- **Opportunities for further alignment**
 - Requirements for environmental monitoring
 - Response & monitoring completion & restart
 - Communication protocols among stakeholders, operators & agencies
 - Capabilities of equipment

Thank you