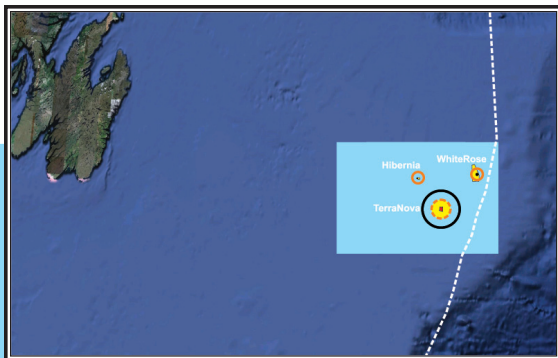




# Protocols for Communication with Oil Installations on the Grand Banks



## HIBERNIA PLATFORM Safety Zone

**SAFETY ZONE:** The Hibernia safety zone consists of an area within a line enclosing and drawn at a distance of 500m from the outer edge of the installation. Mariners are requested not to enter the installation safety zone.

The installation consists of the Hibernia platform and subsea crude loading system. The loading system consists of a subsea crude pipeline which extends 2 km generally east of the platform, it interconnects a north and south loading base, and returns to the platform to form a closed loop. Extending from each loading base, on the seabed and positioned in no set direction, is a loading hose and coupler valve.

Mariners are advised buoys and floating lines are located within this safety zone. Floating lines are also anchored to the seabed over extended horizontal lengths.

Standby vessels are at site at all times positioned at various locations. Supply (cargo) vessels and crude tankers are regularly moving through the area.

Other installation related works could be taking place outside of the safety zone at any time.

Vessels approaching the Safety Zone are requested to contact the radio operator on VHF CH 16.

**3NM RADIO ZONE:** As part of safety and security measures Hibernia promotes the use of a 3NM marine communications zone around the installation.

Vessels approaching within 3NM of the platform are encouraged to contact the radio operator on VHF channel 16 to advise regarding intended activity in the area and to obtain updates regarding installation operations.

## TERRA NOVA FIELD Precautionary, Safety And Exclusion Zones

International and Canadian regulatory decisions have established three zones to protect the Terra Nova FPSO, its associated subsea equipment and all drill centers in the Field. Ship movement in the area is monitored on a 24 hour basis.

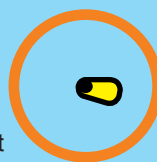
**10 NM PRECAUTIONARY ZONE:** As soon as practical before entering the Precautionary Zone all vessels must contact the Terra Nova FPSO or drill rig on VHF Channel 16 or on GMDSS.

**5 NM SAFETY ZONE:** Before entering the Safety Zone, vessels must obtain authorization from the FPSO or drill rig on VHF Channel 16 or on GMDSS. Vessels must comply with instructions given while in the Safety Zone.

On leaving the Safety Zone, vessels must advise the FPSO or drill rig on VHF Channel 16 or on GMDSS when they clear the zone and re-apply for entry on the next visit.

No approach within 3 nautical miles of the FPSO or drill rig is permitted except for Terra Nova field support vessels or fishing vessels operating with FPSO approval.

**EXCLUSION ZONE:** The corners of this zone are 500 metres from the four Terra Nova drill centres. Vessels, other than oil industry vessels, are prohibited from entering this zone.



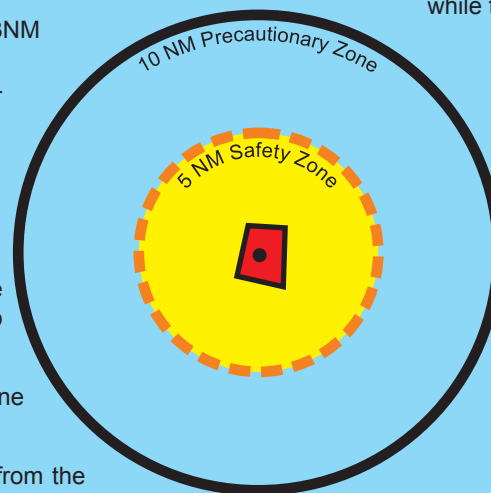
## WHITE ROSE FIELD Safety Zone

The White Rose Field Safety Zone encompasses the SeaRose FPSO, its associated subsea equipment and all drill centers in the Field. Ship movement in the area is monitored on a 24 hour basis.

Notices to Mariners for the area prohibit unauthorized navigation of the Safety Zone.

All vessels approaching within 3 NM of the SeaRose FPSO or a drill rig in the Field and planning to transit the Safety Zone are requested to contact either the SeaRose FPSO or the drill rig

GSF Grand Banks on VHF channel 16 or Channel 70 DSC, and comply with the instructions given while transiting the Safety Zone.



- Safety Zone
- Exclusion Zone
- 3 Nautical Mile (NM) Radio Zone
- 5 Nautical Mile (NM) Radio Zone
- Production Installation

For coordinates, refer to Chart L/C4049  
 — Grand Bank, Northern Portion Grand Banc, Partie Nord to à Flemish Pass/Passé Flamande

Electronic Navigation Chart: CA276101

***This information sheet is not to be used for navigational purposes.***

200 Mile Economic Zone



One Ocean is the industry liaison organization for the fishing and petroleum sectors in Newfoundland and Labrador. Its mandate is to facilitate cooperation, communication and provide information and opportunities that will mutually benefit the two industry sectors.

The Offshore Communication Protocol is designed to promote safe practices between fishing enterprises, petroleum installations, supply ships and related vessels during offshore operational activities. Radio notification and communication between the fishing and petroleum sectors is a mutually beneficial protocol. It will provide the opportunity for information exchange, identification, and ensure safe and secure practices for fishing and petroleum personnel and the marine environment.

**This Communication Protocol is not a navigational aid. Users are responsible for maintaining the appropriate Canadian Hydrographic Service chart. One Ocean, the FFAW and area petroleum operators assume no liability for its use — it is strictly for information purposes only.**

## Information for Mariners

In addition to the information provided in this sheet mariners are reminded of the *Collision Regulations* under the *Canada Shipping Act* that pertain to safety zones and oil and gas exploration and exploitation vessels. The relevant section of the *Collision Regulations* pertaining to safety zones is reproduced below.

### **COLLISION REGULATIONS C.R.C., 1978,C. 1416**

#### **Rule 43 – Safety Zones Around Exploration or Exploitation Vessels**

- (a) *For the purpose of this Rule, with respect to an exploration or exploitation vessel that is in position for the purpose of exploring or exploiting the non-living natural resources of the sea bed, a safety zone is the area that extends from the outer extremities of the exploration or exploitation vessel to the greater of*
  - (i) *500 metres in all directions, and*
  - (ii) *50 metres beyond the boundaries of the anchor pattern of the vessel.*
- (b) *The Minister may establish a safety zone greater than the safety zone referred to in paragraph (a) if it is reasonably related to the nature and function of the exploration or exploitation vessel and is necessary to ensure navigational safety.*
- (c) *No vessel shall navigate within a safety zone.*
- (d) *Paragraph (c) does not apply to a vessel that*
  - (iii) *is in distress,*
  - (iv) *is attempting to save life or provide assistance to a vessel in distress,*

- (v) *is operated by or on behalf of the state having jurisdiction over the exploration or exploitation operations, or*
- (vi) *has received permission from the person in charge of the exploration exploitation vessel to enter the safety zone around that vessel.*

Mariners are also advised to be aware that within and around the zones described in this information sheet various activities supporting the oil and gas operations take place.

All oil and gas installations in the area use standby vessels stationed in close proximity at all times as a safety measure. In addition, supply (cargo) vessels and crude tankers regularly move through the area in support of operations.

Marker or oceanographic buoys are routinely deployed in support of the various installations or operations. Finally, other installation related works and marine operations can take place outside of the safety zones at any time.



### **CONTACT INFORMATION**

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