

Nova Scotia – Scotian Basin Exploration Project

BP Canada Energy Group ULC
CEAA Environmental Assessment Process meeting
January, 2016





Scotian Basin Exploration Project - Agenda

- **Background and progress update on project**
- **Timeline**
- **Considerations in assessing the Project**
- **Emerging themes**
- **Plan for continued engagement**
- **Integration of knowledge**





Project Background and Update

- BP was awarded exploration rights in January 2013 to four exploration license areas
- The license areas cover c. 14,000 km² and are located 230 – 370km south east of Halifax
- Seismic acquisition in the blocks was carried out in September 2014
- BP is proposing to carry out exploration drilling in the area, commencing in the second half of 2017. This will determine the presence, nature and quantities of potential hydrocarbon resources.
- BP submitted a project description to CEAA in August 2015 and guidelines for an EIS were finalized in November
- Planning seabed survey of 2016 (on lease area ~ three weeks of activity)

Scotian Basin Exploration Project Schedule



2014	2015	2016	2017
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Supplier Workshops

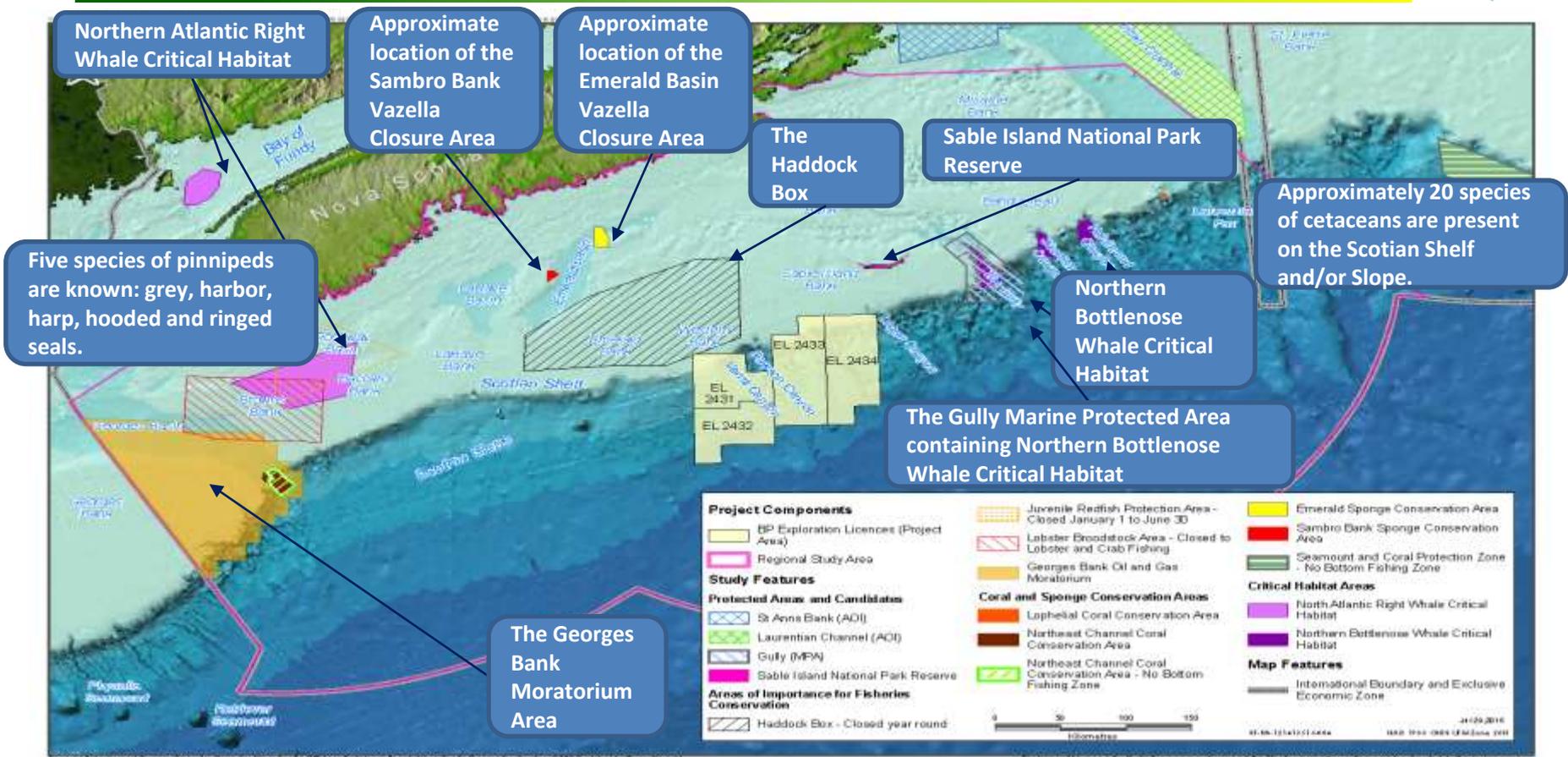
Procurement Process



Begin Exploration Drilling 



Sensitive Areas: Offshore Settings



Five species of pinnipeds are known: grey, harbor, harp, hooded and ringed seals.

Approximately 20 species of cetaceans are present on the Scotian Shelf and/or Slope.

The Georges Bank Moratorium Area

The Gully Marine Protected Area containing Northern Bottlenose Whale Critical Habitat

Northern Bottlenose Whale Critical Habitat

Sable Island National Park Reserve

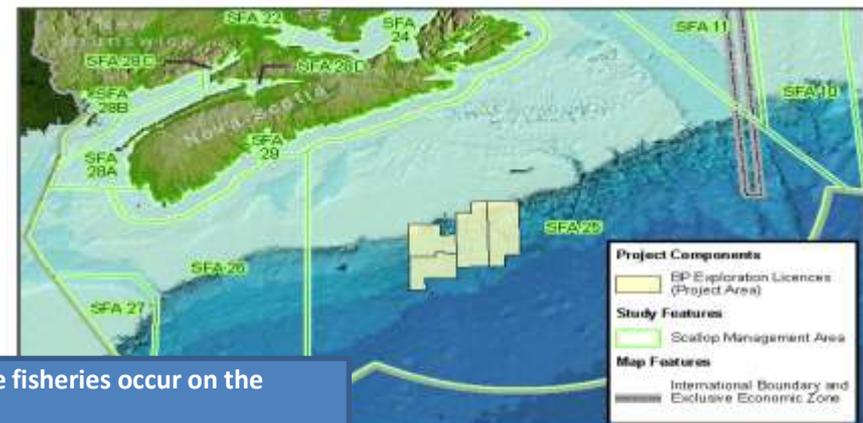
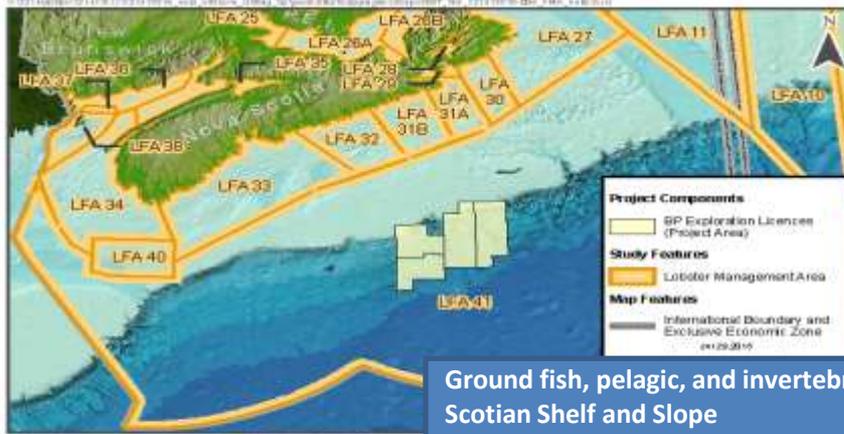
The Haddock Box

Approximate location of the Emerald Basin Vazella Closure Area

Approximate location of the Sambre Bank Vazella Closure Area

Northern Atlantic Right Whale Critical Habitat

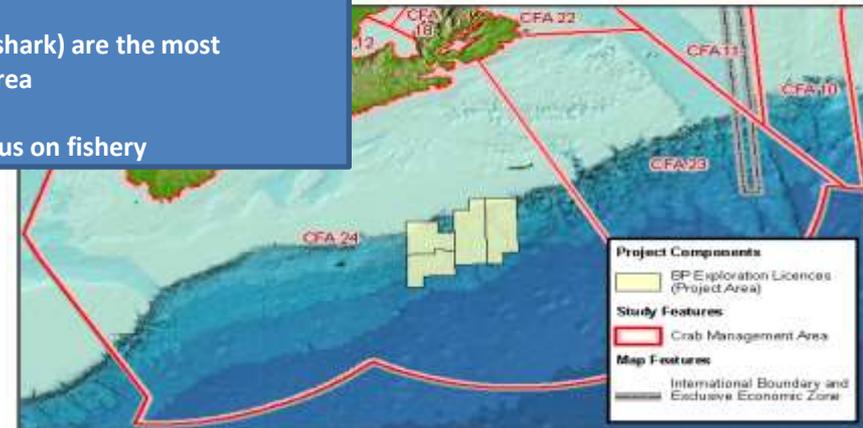
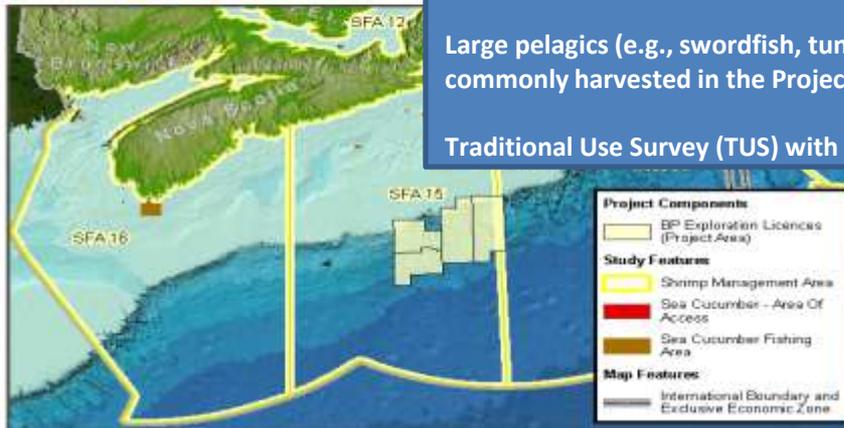
Fishing Areas



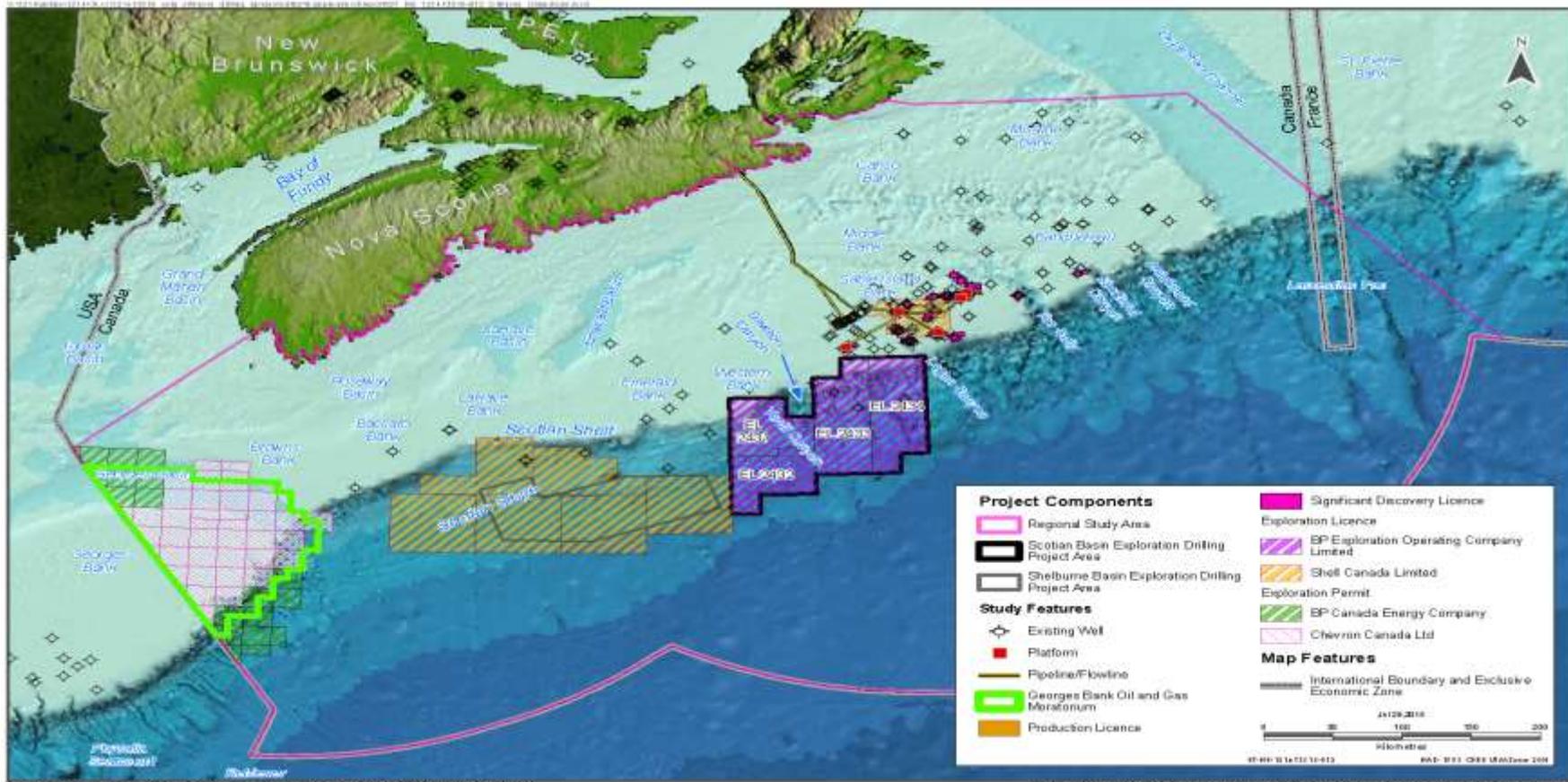
Ground fish, pelagic, and invertebrate fisheries occur on the Scotian Shelf and Slope

Large pelagics (e.g., swordfish, tuna, shark) are the most commonly harvested in the Project Area

Traditional Use Survey (TUS) with focus on fishery



Historic Activity





Aboriginal Engagement Emerging Themes

Issues raised to date have focused on two major themes:

Environmental and operational safety concerns

- the need for a general understanding of offshore deep water exploratory well activities
- potential impacts of the Project on marine wildlife and fishing activities
- impacts of a potential spill (especially to the fishery)
- the use of dispersants for a potential spill
- HSE measures BP has implemented based on its experience

Economic development opportunities

- potential contract opportunities for local businesses
- potential employment opportunities from offshore drilling activities
- training and education opportunities

The Deep Water Horizon accident and the changes BP has made on how it operates are of great interest. BP is prepared and willing to share how we have implemented the lessons learned.



Plan for Continued Aboriginal Engagement

BP will continue to focus engagement activities through:

- Understanding historic Aboriginal use of resources for traditional purposes through the Traditional Use Study (TUS);
- Understanding current Aboriginal use of resources for traditional purposes through the TUS; (Commercial as well as FSC)
- Meeting with leadership to address communication and consultation expectations;
- Meeting with technical designates to discuss the project and issues;
- Engaging community members at any opportunity to discuss concerns and commitments

BP will continue to engage through listening, reflecting, and responding



Integration of Aboriginal Engagement

Based on the potential changes to the environment identified in the Project Description and on guidance from the Traditional Use Study, BP will work to incorporate learnings and understandings into the EIS on the following environmental components:

- Fish and Fish Habitat (including Species at Risk)
- Marine Mammals and Sea Turtles (including Species at Risk)
- Marine and Migratory Birds (including Species at Risk)
- Special Areas

The TUS will provide insights into the interaction of Aboriginal commercial fisheries and Aboriginal use for traditional purposes on the above components.

The TUS will help to characterize Aboriginal use of marine resources in the vicinity of the Project and assist in the assessment of any potential effects.