

CAPP Atlantic Canada Safety Committee Update

Presentation to C-NLOPB Safety Forum

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**CANADIAN ASSOCIATION
OF PETROLEUM PRODUCERS**

Canada's Oil and Natural Gas Producers



Agenda

- **Who is CAPP**
- **CAPP'S Atlantic Canada Safety Committee**
- **Responsible Canadian Energy Program**
- **Project Updates:**
 - Status of Industry Guidance Documents and Other Publications / Initiatives
 - Training and Qualifications Committee Update

Canadian Association of Petroleum Producers (CAPP)

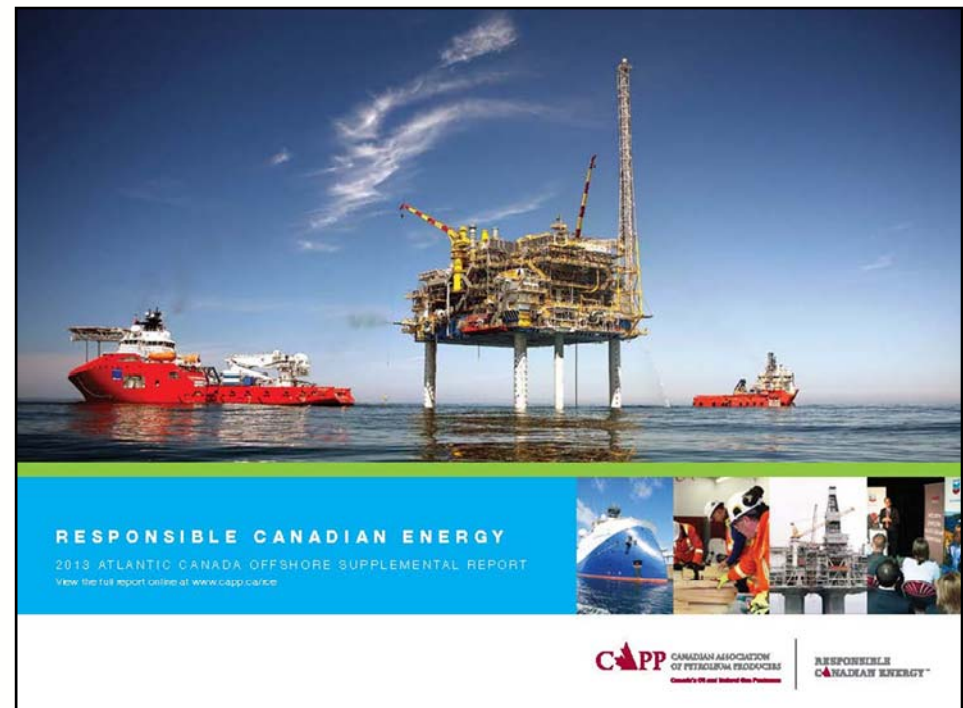
- Represents Canadian oil & gas sector (~ 100 member companies)
- Members explore for, develop and produce natural gas, natural gas liquids, crude oil, and oil sands throughout Canada
- Members produce about 90 per cent of Canada's natural gas and crude oil
- Key focus areas:
 - Education
 - Communications & outreach
 - Policy & regulatory advocacy
 - Industry performance
- Offices in St. John's, Ottawa, Calgary and Vancouver

CAPP's Atlantic Canada Safety Committee

- **Chaired by a member company employee; supported by senior safety employees of member companies with interests in NS and NL offshore and CAPP staff**
- **Meets monthly; holds at least one strategy session with the C-NLOPB/CNSOPB annually to share information about committee work and seek feedback**
- **Works on safety related issues and initiatives that affect the broader industry and where there is value in working collectively**

Responsible Canadian Energy (RCE) Program

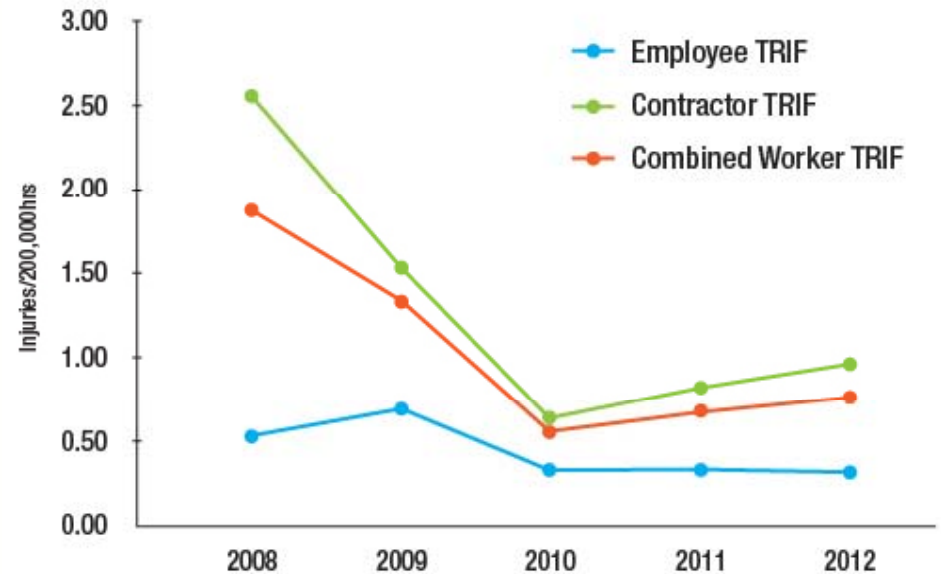
- CAPP's Responsible Canadian Energy (RCE) Program is a commitment to continuously improve, measure and report performance.
- Purpose is to collectively assess how the industry is doing and identify and act on areas for improvement.
- Data on key metrics is gathered from CAPP members, as well as from government and regulators, and reported annually.
 - CAPP also produces a supplemental report focusing specifically on the Atlantic Canada offshore.



Atlantic Canada Industry Performance - Safety

- **Total Recordable Injury Frequency (TRIF):**
 - Employee TRIF continues to decline over time.
 - Combined employee and contractor TRIF increased from 0.69 to 0.77 due to an increase in contractor TRIF.
 - While contractor TRIF has increased since it reached its lowest level in 2010, overall combined-worker TRIF is less than half of what it was in 2008.
- **Members are working diligently with contractors to address the increase in contractor injuries. Increasing project activity requires consistent focus on safety.**
- **No fatalities associated with the offshore in Atlantic Canada since 2009.**

Atlantic Canada Offshore
– Total Recordable Injury Frequency



Project Update: Ongoing Research

- **HUEBA in the HUET Training Risk Assessment**
- **Mask/HUET research**
 - MUN (PRNL)
 - First phase of the research determined thermal comfort levels are greater with the mask than without.
 - Next phase of the study will examine the glass mask on the face during impact scenarios.
 - Test mask with suit as per the CGSB Standard.
- **Helicopter suit**
 - Workforce has been engaged in trialing new suit which includes HUET and wave pool exercises.
 - Feedback received will be considered in the suit design.
 - Prototype will be tested against the new CGSB Standard, including wind and wave conditions.
- **Lifeboat Simulator**
 - (Hibernia & Husky)
- **AVERT**
 - (Hibernia & Husky)

Status of Industry Guidance Documents and Other Publications / Initiatives

- **Atl. Canada Medical Assessment for Fitness to Work Offshore – published November, 2013**
- **Safe Lifting Practices - Published May 2013**
 - Review will commence in May 2014
- **TQC Recognized Certificates document**
 - Published September, 2013
- **CAPP Newfoundland and Labrador Safety Advertising Campaign**
 - Continuing and will run until June
 - New campaign will be launching in September



Training and Qualifications Committee Update

The Training and Qualifications Committee (TQC)

- **Is a multi-stakeholder committee that identifies and considers training and qualifications needs for the Atlantic Canada offshore petroleum industry (including reciprocity issues with other jurisdictions and quality of training)**
 - Includes representatives from Industry, Regulators, Training Providers and the Offshore Workforce
- **The TQC is responsible for reviewing and updating the Atlantic Canada Offshore Petroleum Industry Standard Practice for the Training and Qualifications of Personnel (TQSP)**

Background on the Review of the Standard Practice for Training and Qualifications of Personnel

- **The TQC identified that it was timely to review the position descriptions with international requirements due to feedback from various stakeholders**
- **Feedback includes:**
 - Linking the requirement for marine certificates to specific petroleum positions in Regulations can make it difficult to progress from a non-marine background
 - Canadian marine license requirements in some cases do not align with international flag state requirements. This makes it difficult to evaluate equivalencies for non-Canadians and difficult for Canadians with internationally recognized certificates to meet Canadian requirements
 - Time on petroleum installations is viewed differently than sea time on vessels
 - Ongoing evaluation of the range of technical and safety related training courses in order to mobilize of specialized vessels in Atlantic Canada

TQC Work Plan highlights for 2013/2014 – Position Review Update

- **June 2013, Lloyds Register was contracted to review position requirements outlined in the TQSP**
- **A small task group of the TQC was established to manage the work**
- **11 priority drilling and production positions were reviewed**
 - **Conclusions:**
 - The Standard Practice aligns with the majority of other jurisdictions
 - The core competencies for each role align well with other jurisdictions
 - Discrepancies exist because of the TQSP's dependence upon Transport Canada (TC) training publications rather than using internationally recognized training material (IMO / STCW)
 - Atlantic Canada is the only jurisdiction to separate Production and Drilling requirements
- **Recommendation to refer to international guidance on training/certification**

TQC Work Plan highlights for 2013/2014 – Position Review Update (cont'd)

- **Recommendations to refer directly to international guidance is not straightforward:**
 - Transport Canada has interpreted international guidance and written it into Canadian regulations
 - Four MOU positions are regulated by Transport Canada
 - OIM, Barge Supervisor, Maintenance Supervisor, Ballast Control Operator
 - TC MOU certification requirements for drilling installation positions are outlined in the TQSP
 - The Offshore Petroleum Boards enforce these requirements when regulating the industry in Atlantic Canada
- **Consultant engaged in early 2014 to progress proposed edits to the Standard Practice to:**
 - Improve alignment with Transport Canada regulations
 - Provide working group with position descriptions for the four TC regulated positions

TQC Work Plan Priorities for 2014

- **Working session between TQC Task Group members and Transport Canada is being organized to address:**
 - Lloyds recommendations related to TC's regulated positions'
 - Position eligibility and competency assessment techniques will be discussed with TC
 - Impact of the Canadian regulations on the petroleum industry and Canadians
 - Application of latest international changes (IMO, STCW)
- **Ongoing review and update of the TQSP**
 - The TQSP is a living document - training requirements continually being defined and evaluated for future editions of the Standard Practice
 - Reorganization of the document to outline requirements by installation type (Fixed, MOU)

TQC Work Plan Priorities for 2014 (cont'd)

- **Continued development of competency based standards for technical training**
 - Similar approach to the BST standard will be applied to technical training courses, i.e., Lifeboat Coxswain, HLO and OFT/OFT-R
- **Course Quality Reviews**
 - Courses designed to meet the SP are being evaluated to ensure that they meet the intended quality and content
- **Ongoing maintenance of the Recognized Certificates publication**

A large offshore oil rig, the Henry Hub, is shown in the water. The rig has a prominent white tower with the name 'HENRY HUB' and 'SCORCH' visible. It is supported by four large orange legs. A blue support vessel is positioned to the right of the rig. The background features a blue sky with some clouds and a forested coastline. A seagull is flying in the sky on the left side.

Questions?