



The Journey Continues... until Nobody Gets Hurt

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ExxonMobil Canada Safety Supervisor

Safety Culture Symposium

Saint Mary's University

Halifax, Nova Scotia

October 2014

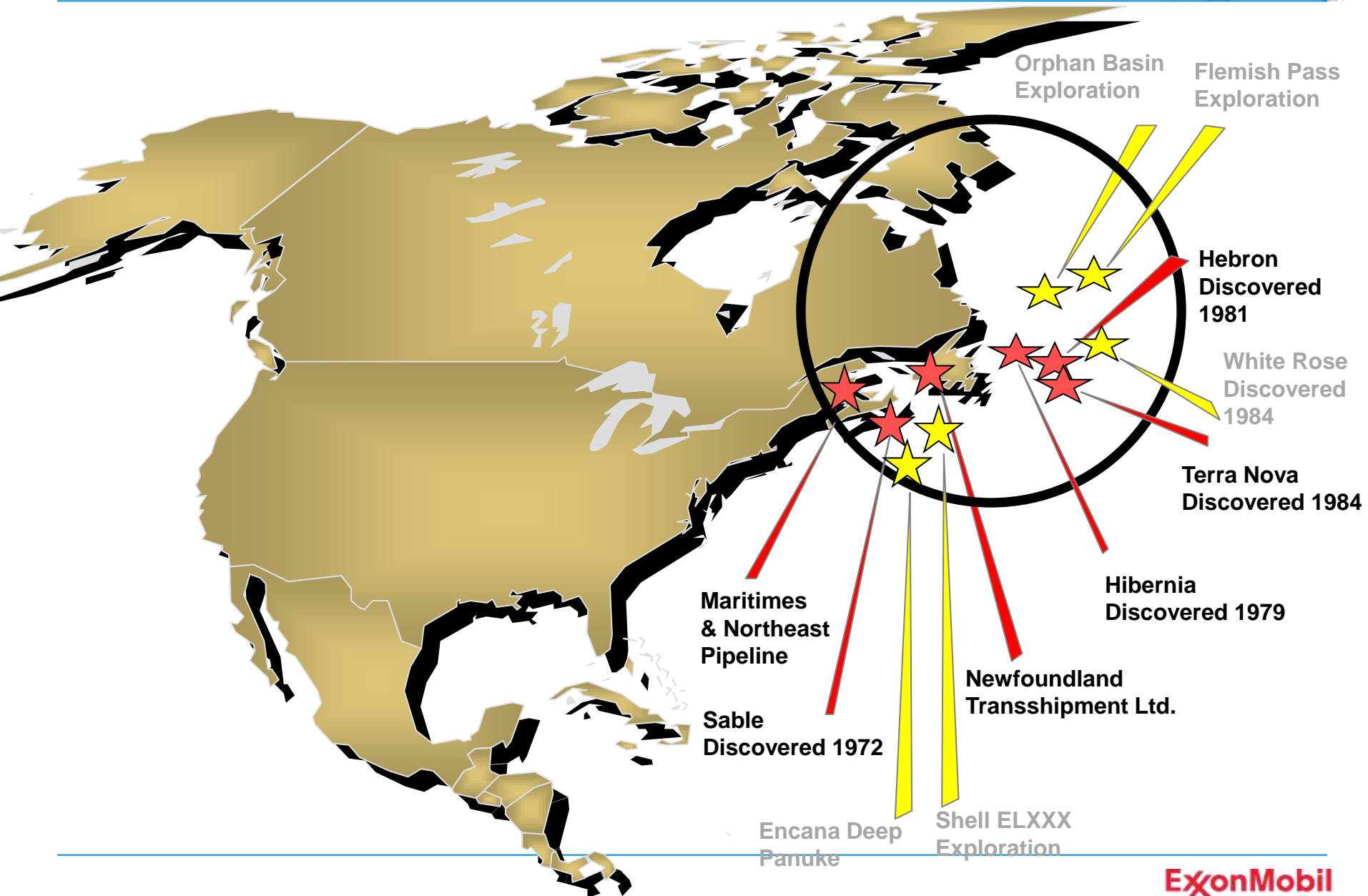
Culture... Why are we here?



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Taking on the world's toughest energy challenges.®

ExxonMobil in Eastern Canada



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Sable: Thebaud Platform



Gas Production Commenced 1999
200 km southeast from Nova Scotia
50 Personnel On Board (POB)
14 days on / 14 days off



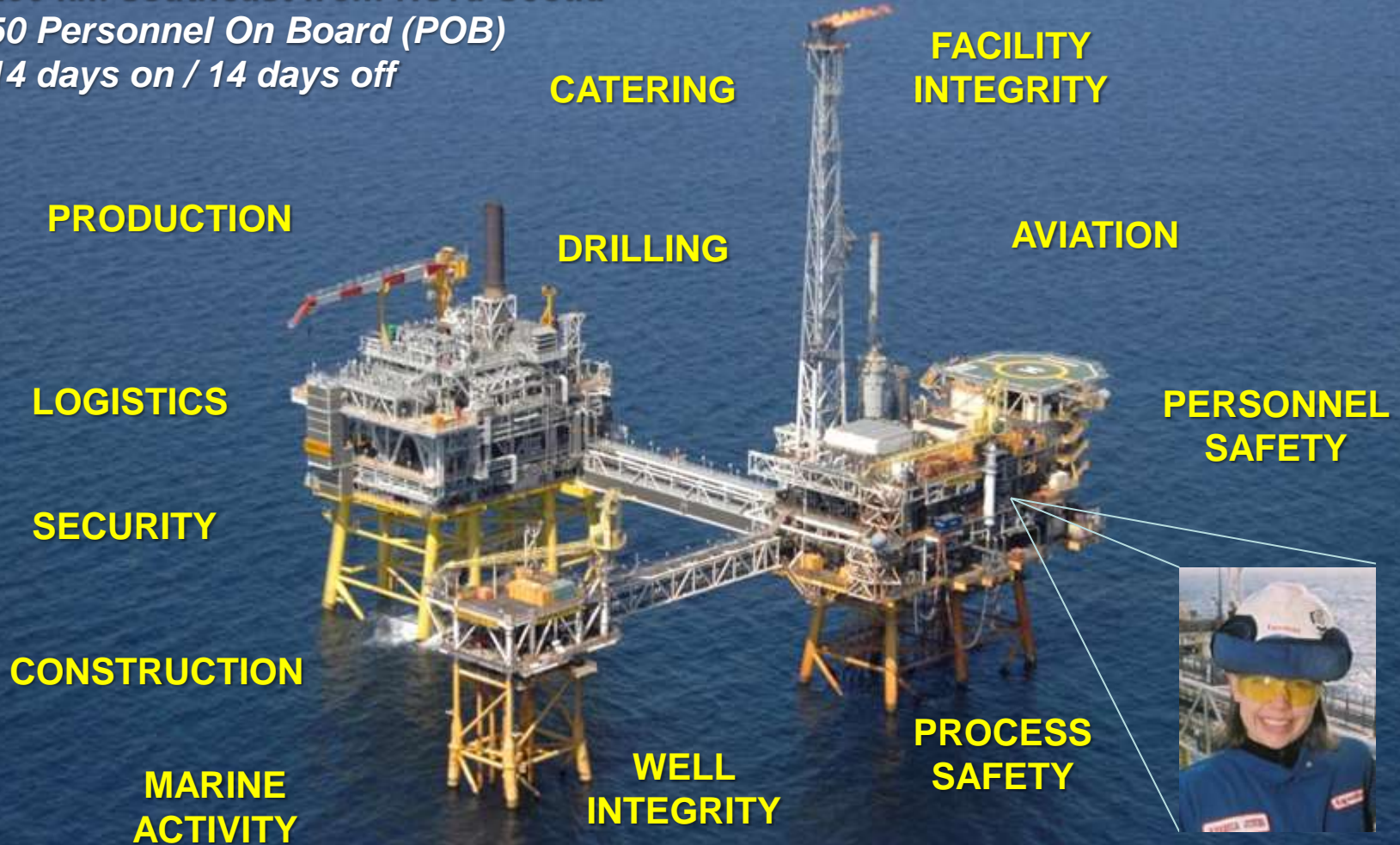
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Sable: Thebaud Platform



Gas Production Commenced 1999
200 km southeast from Nova Scotia
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Sable: Goldboro Gas Plant



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Sable: Point Tupper Fractionation Plant



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Hibernia



First Oil 1997
315 km from St. John's, NL
270 POB
21 days on / 21 days off

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**Hebron GBS Construction
Bull Arm Deep Water Site
Sept 26, 2014**

Hebron



*First Oil Target 2017
350 km from St. John's, NL
220 POB
21 days on / 21 days off*

Hebron

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Hebron Accommodations Module 2-person Cabin



Hebron



***Hebron Accommodation Module
Dining Room***



Hebron Accommodation Module Fitness Center

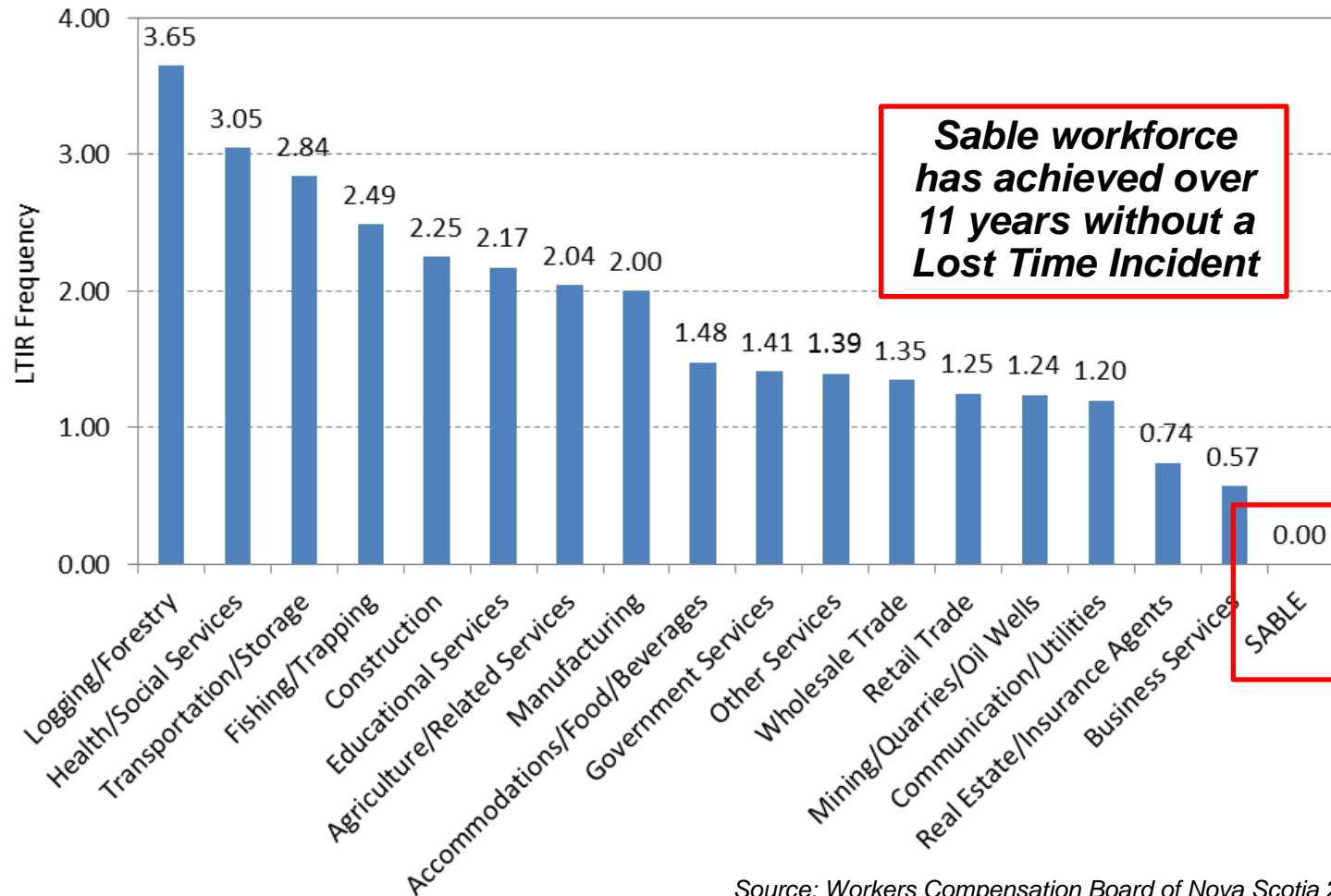


Hebron

Sable: A Safety Success Story



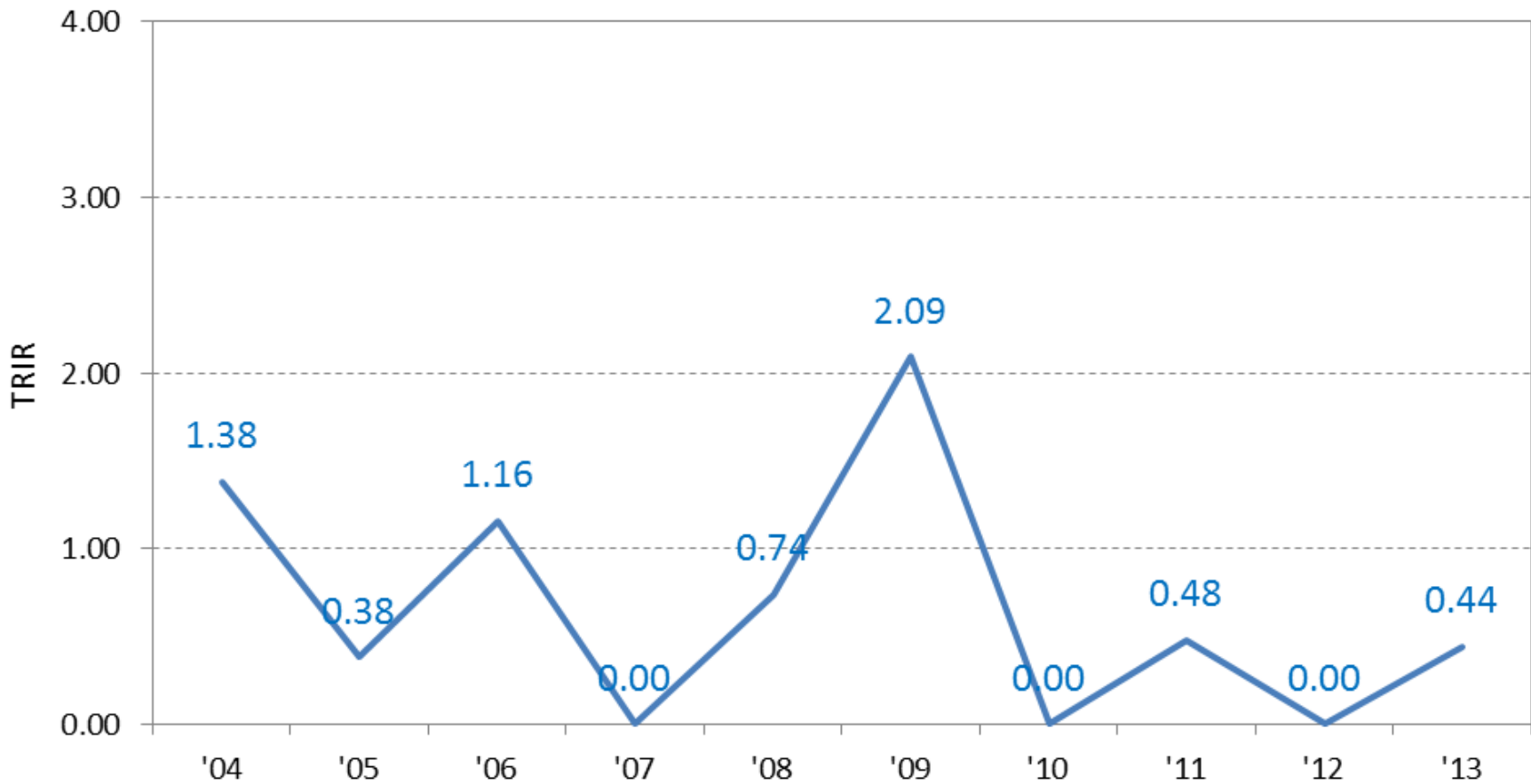
Lost Time Incident Rate by Industry for Nova Scotia, 2013



Source: Workers Compensation Board of Nova Scotia 2013 Annual Report



Sable Workforce Recordable Injury Rate 2004-2013





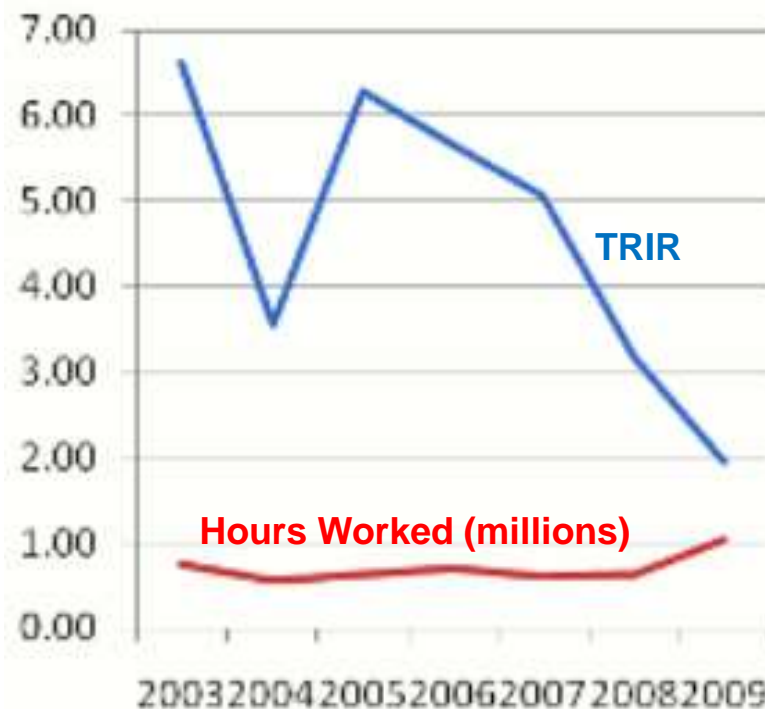
Marine Safety Council



International Regulators Forum Offshore Safety Conference 2010 Awards Presentation



Vessel TRIR 2003-2009 Atlantic Canada



Member organizations (past and present):

ExxonMobil, Marathon Oil, Hibernia Management and Development Company, Suncor Energy (Petro Canada), Encana, Husky Energy, Northern Transportation Company, Atlantic Towing, A. Harvey & Company, Offshore Logistics, Seabase, Maersk, Chevron, Canship Uglund, Secunda, Marine Services, Canadian Superior

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Photo: Janice Rubin, courtesy of Exxon Mobil Corporation

ExxonMobil was the recipient of the 2013 Green Cross for Safety medal.

“In short, the road to safety excellence must be built on an integrated comprehensive safety management system – operating within a supportive culture – and driven by strong leadership. This is a journey, but an imperative for business success.”

Rex W. Tillerson
C.E.O. ExxonMobil





Video
“Our Safety Journey”
(2 mins)



Operations Integrity Management System



driver

“operations”

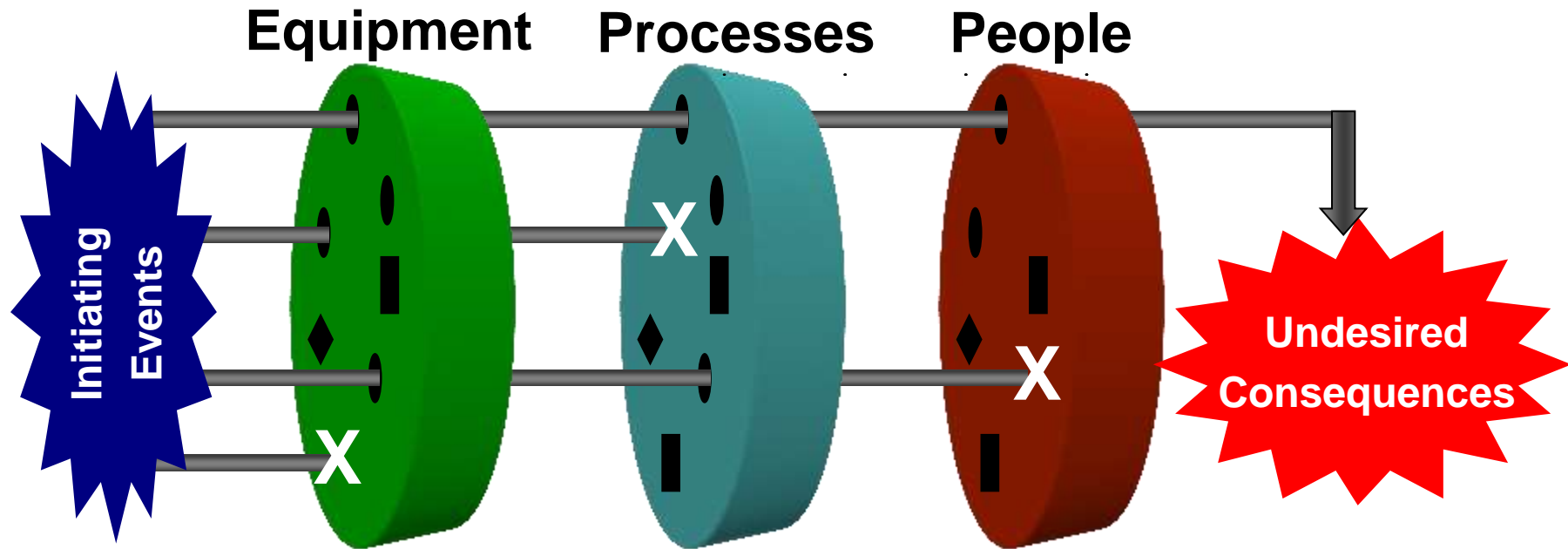
evaluation

1 . Management
Leadership, Commitment,
and Accountability

2. Risk Assessment and Management
3. Facilities Design and Construction
4. Information and Documentation
5. Personnel and Training
6. Operations and Maintenance
7. Management of Change
8. Third Party Services
9. Incident Investigation and Analysis
10. Community Awareness and
Emergency Preparedness

11. Operations Integrity
Assessment and
Improvement

OIMS – The Barrier Concept



Nobody Gets Hurt
Eliminate Serious Incidents

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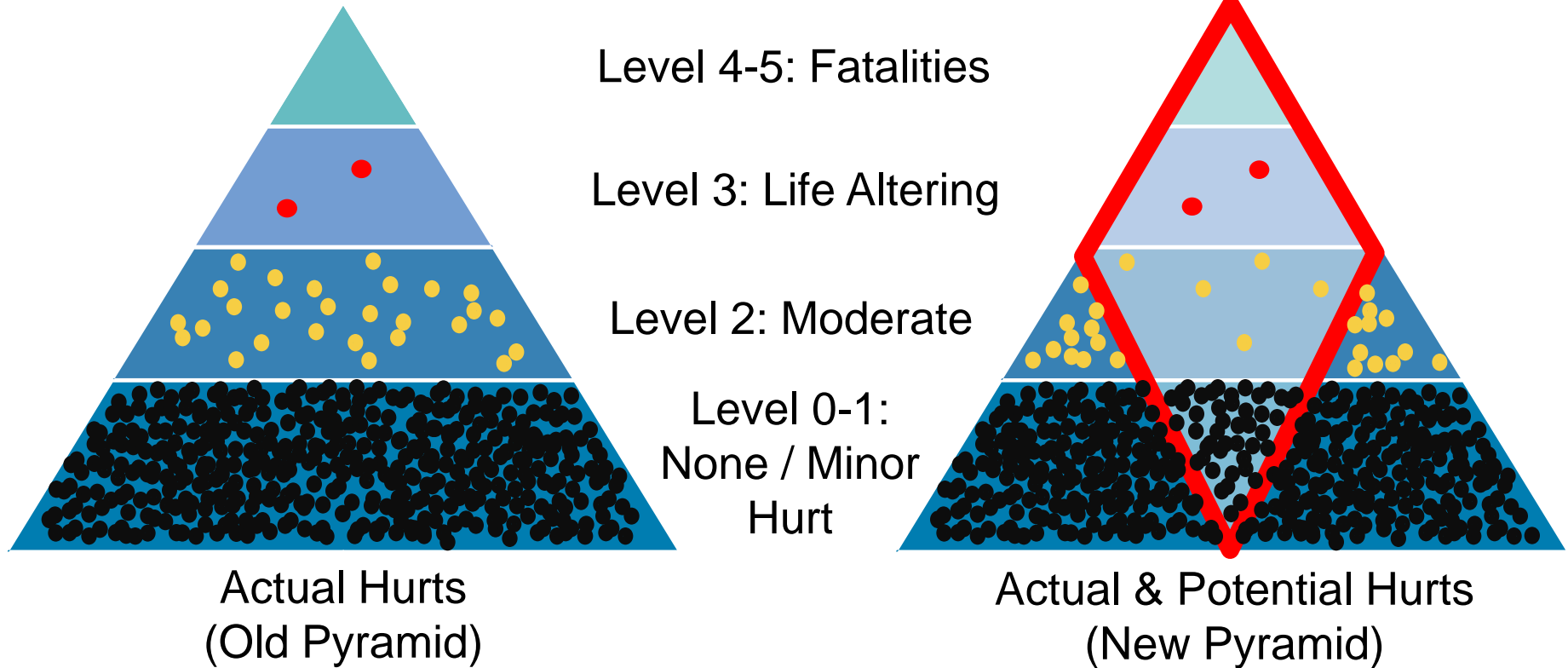


Safety leadership drives culture...
Culture drives behaviors...
Behaviors drive safety performance

A New Way of Looking at the Pyramid

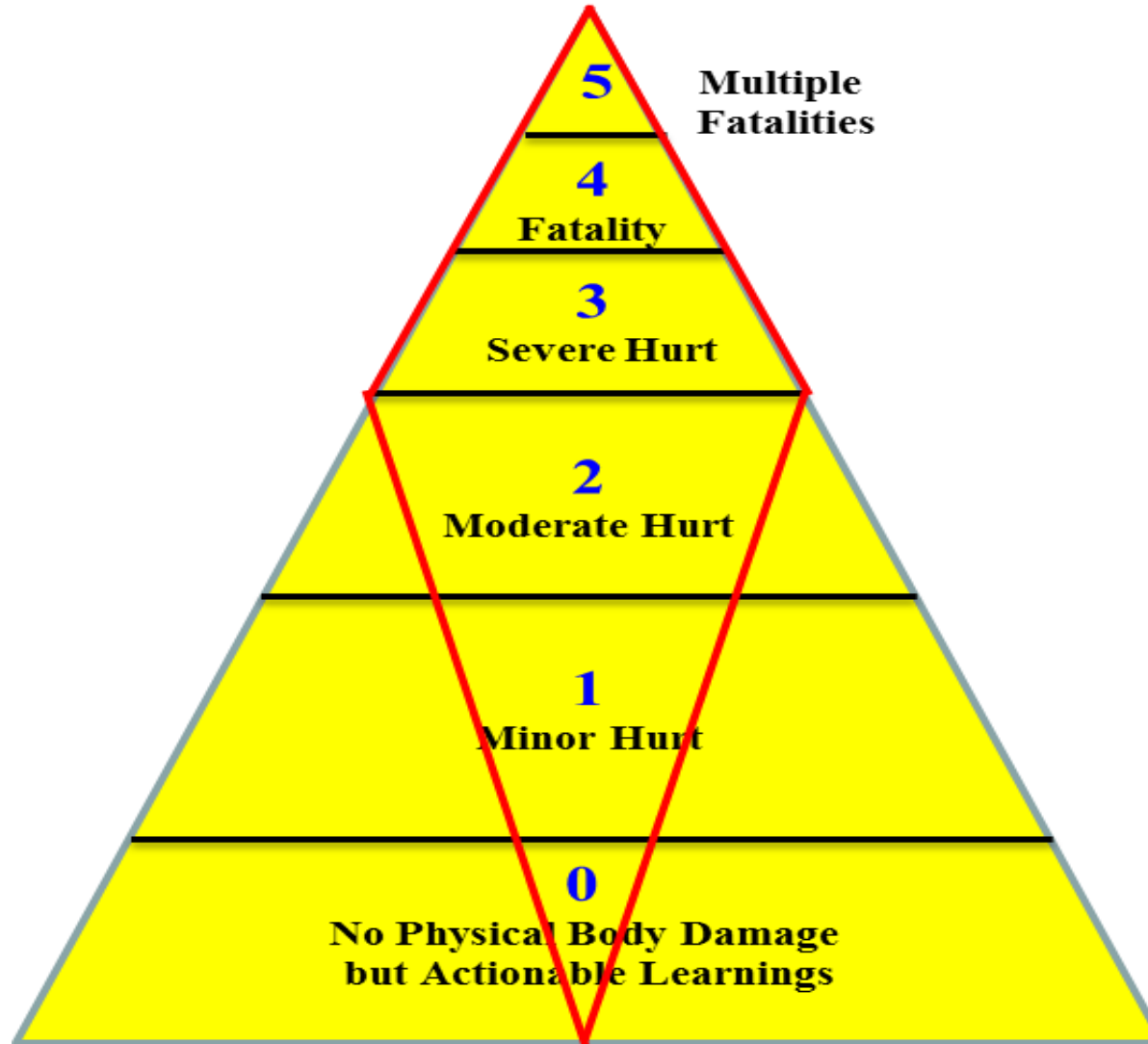


Mine the Diamond

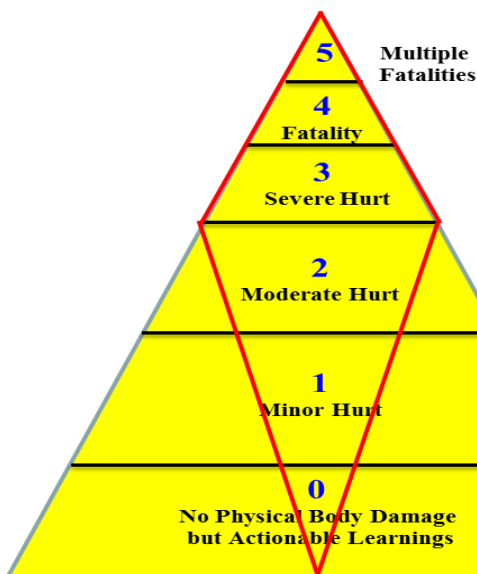


The new pyramid identifies actual and potential incident severity.

Hurt-based Levels

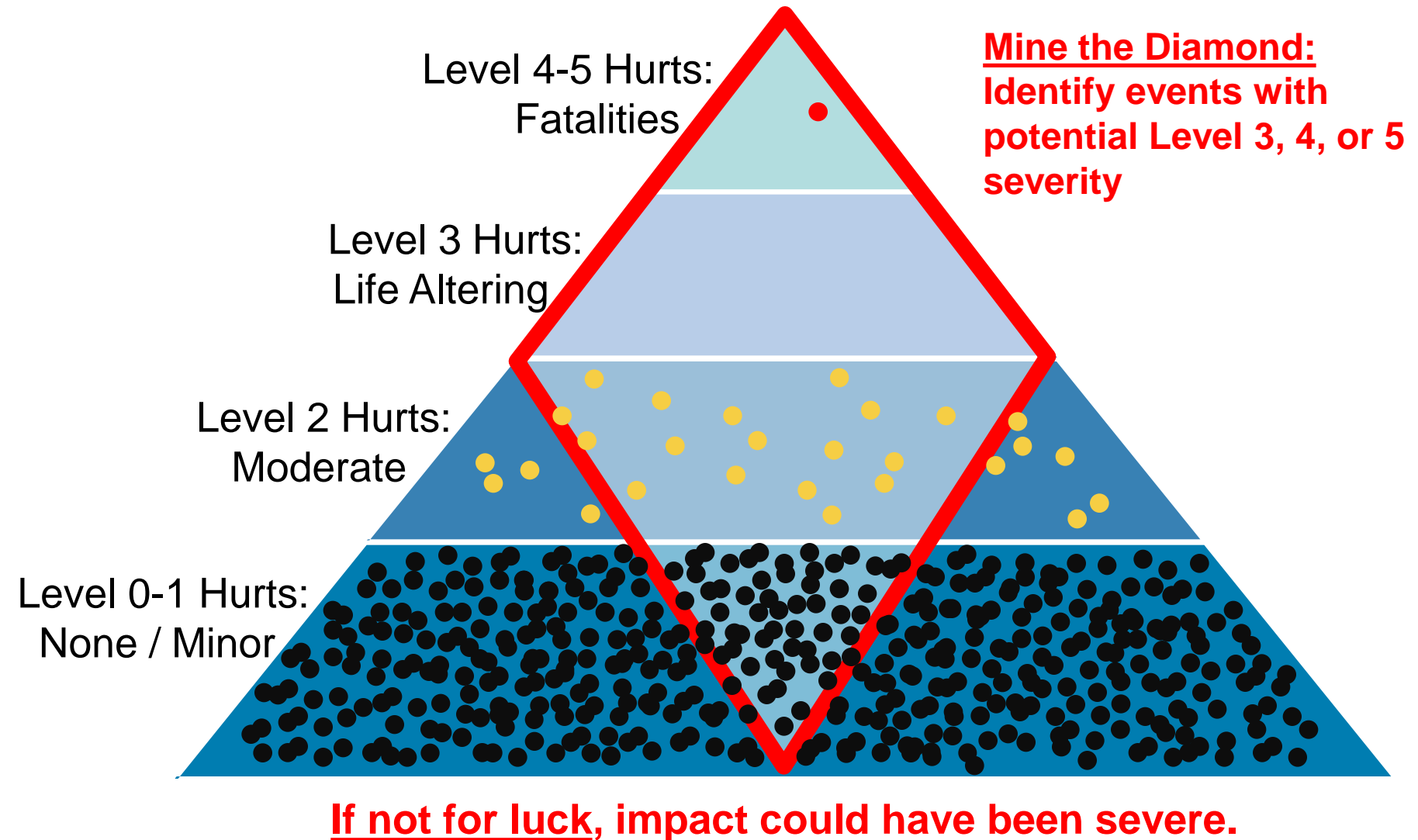


Hurt-based Levels



New Upstream "Hurt Severity Levels" (Actual or Potential Hurt)	Duration of Body Damage (Hurt)	Examples
5 Multiple Fatalities		
4 Fatality		
3 Severe Hurt	Long-term, Life-altering	<ul style="list-style-type: none"> • Amputations/ Severe Disfigurement • Loss of Organ Function, Total Vision/Hearing Loss • Debilitating Injuries or Illnesses
2 Moderate Hurt	Week(s) to Months to recover	<ul style="list-style-type: none"> • Bone Fractures, Partial-Single Digit Amputations • Moderate Hearing/Vision Loss • Significant Lacerations/Sprains/Strains/Burns • Ergo case requiring surgery or physical therapy
1 Minor Hurt	Hours to Days to recover	<ul style="list-style-type: none"> • Minor Lacerations/Bruising/Sprains/Strains/Burns • Slight to Mild Hearing Loss / Corneal Abrasions • Confirmed Ergo or SIE Illness requiring treatment
0 No Hurt	No Body Damage	<ul style="list-style-type: none"> • Foreign Object in Eye, <u>not</u> Embedded, <u>no</u> Abrasion • ST&F with <u>no</u> Bruising, Sprain, Strain, Swelling • Skin Abrasion/Cut/Puncture with <u>no</u> Bleeding • Muscle or Joint "tweak", General Soreness

The Hurt-based Approach



Near-miss Reporting: Real World Example



Aug 28 2014
Thebaud Platform
Maintenance Shutdown Scope
Exchanger Bundle Change-out
Near-miss: Lifting Beam Trolley



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**SSH&E
Leadership**

**SSH&E
Culture**

**SSH&E
Behaviors**

**SSH&E
Performance**

**Operations
Integrity**



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