Presentation to ISSC 2016

Kathy Fox
Chair, Transportation Safety Board of Canada
Orlando, Florida  August 8, 2016
Lac-Mégantic

July 2013
Contributing factors to the Lac-Mégantic accident

Montreal, Maine & Atlantic Railway

- Weak safety culture
- SMS not fully implemented
- Ineffective training and oversight on train securement
- No additional safety defences
- Train left unattended on hill
- Insufficient hand brakes
- Improper hand brake test
- Independent air brakes leaked off
- Excessive train speed for track

Locomotive
- Mechanical problems not remedied
- Non-standard engine repair failure
- Locomotive engine fire
- Safety device not wired to initiate braking

Tank cars
- Breached tank cars and highly volatile crude oil
- Inadequate oversight of operational changes
- Limited follow-up on safety deficiencies
- Ineffective SMS audit program

Transport Canada

Derailment
R13T0192
Crossing Collision
OC Transpo / VIA
18 September 2013
QUESTIONS?
Canada