



# Managing in Volatile Times

**JEAN-JACQUES RUEST** 

SENIOR VICE-PRESIDENT MARKETING

CTRF ANNUAL CONFERENCE 2009 – VICTORIA, BC May 25, 2009



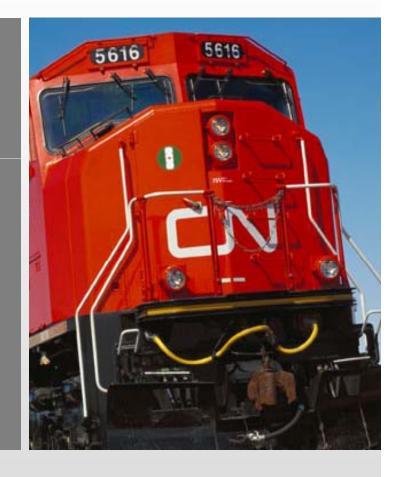
#### **OUTLINE**

Taking action now

Driving productivity

Positioning for the rebound

Environmentally responsible

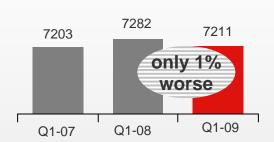




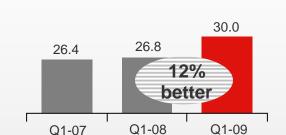
# **Current Actions**



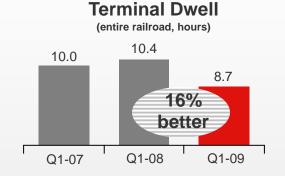
### **Q1 Operational highlights**



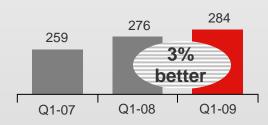
**GTMs** per Train



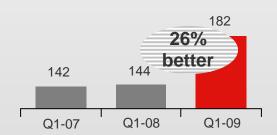
**Cars per Yard Switching Hour** 



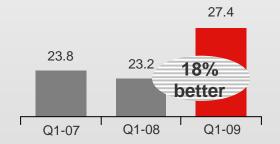




Car Miles per Day



Train Velocity (mph)



Very strong operating performance

# Managing the downturn, positioning for the rebound

#### RESHAPING RAIL CAR ASSETS

#### UPGRADING LOCOMOTIVE FLEET

#### MANAGING HEAD COUNT

#### STRATEGIC CAPITAL DEPLOYMENT



- Rationalizing 70 NT cars
- Adding 286 / high cube cars
- Asset light model for seasonal commodities



2005; ~ 250 with DP

• 200 locomotives currently stored

capability

 200 more not in use (awaiting disposition, leased out)



- Increased insourcing
- Ongoing training



- block availability
- Lower commodity prices
- More "bang for the buck"



Driving
Productivity
in Western
Canada



## Smart investments drive train speed, create capacity where needed

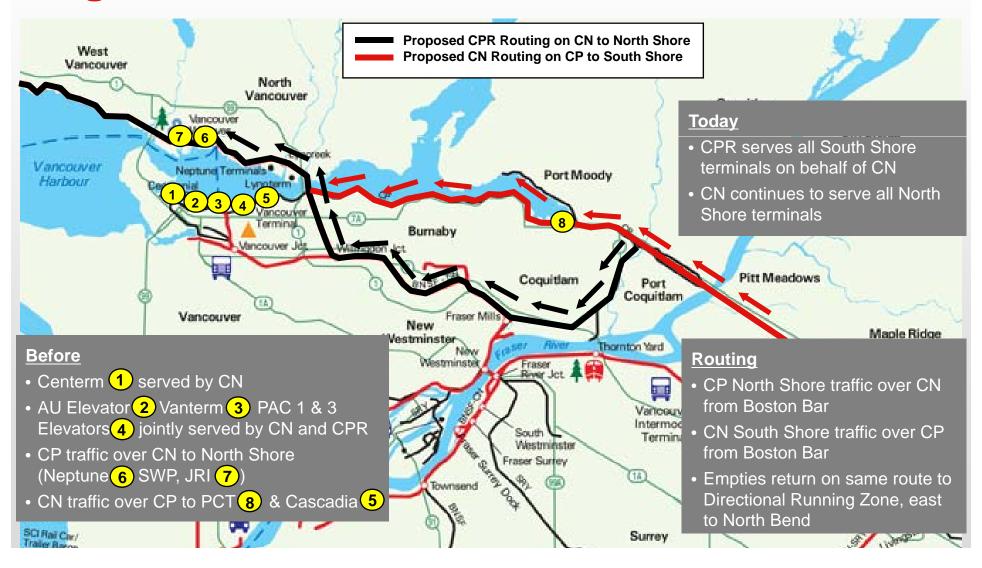


# Distributed power locomotives maintain train efficiency 12 months a year



- Distributed Power (DP) locomotive in the middle or end of train
  - Longer train lengths in winter
  - No additional crews or engines required
- Move more cars with less trains
  - Reduces meets on-line
  - Fewer stops, increased network speed and system capacity
- 162 DP locomotives in current CN fleet
  - 25 more coming this year
  - 90% of main line engineers trained in the West
- Helps resolve winter challenge

# CN and CPR routing & switching agreement in Vancouver

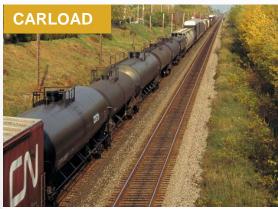




# Positioning for the Export Market Rebound



### **Connecting with Asia**





#### **PORT of KITIMAT**

- Canada in short supply of diluent for Alberta heavy crude oil
- Kitimat has growth potential in break bulk and liquid trade

#### **PORT of PRINCE RUPERT**

- Potential for potash exports
- Potential for Alberta crude oil exports
- More exports of petroleum coke, BC coal, Prairies grain

## KITIMAT AND PRINCE RUPERT PORTS TRADE

#### **Imports**

#### Diluent Wheat

Methanol

Liquids

Containers

Canola seed

**Exports** 

Metallurgical coal

Petroleum coke

Crude oil

Sulphur

Wood pellets

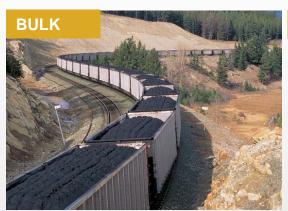
Potash

Containers

Huge potential

**Export opportunities for Canadian goods to Asia** 

## **Connecting with Asia**





#### **PORT of VANCOUVER**

- CN converted all its coal fleet to state-of-the-art, aluminum rotary gondolas
- Expanded track infrastructure to serve imported finished vehicles facility
- Significant Pacific Gateway investment on the north shore to increase service capacity to the bulk and break bulk terminals

#### **VANCOUVER TRADE**

Imports	Exports
Diesel and	Wheat
fuel oils	Canola
Minerals	Metallurgical
Caustic	coal
soda	Sulphur
Steel	Ethylene
Pipe	glycol
Finished	Specialty
vehicles	grain
	Woodpulp
	Wood pellets

 Vancouver gateway needs to operate 24/7

Making Port of Vancouver the Pacific Gateway for Canada-Asia trade

## Prince Rupert: from concept to reality





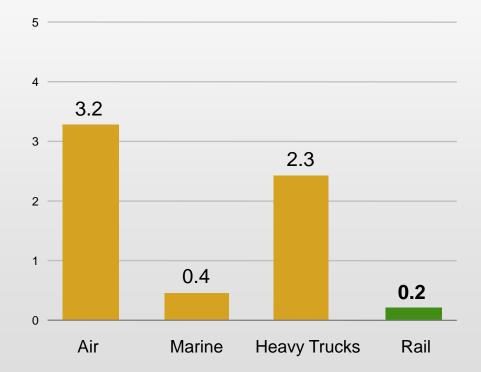
# Environmental Benefits of Shipping Rail



## Rail as an environmental option

#### **ENERGY INTENSITY OF FREIGHT MODES, 2006**

Megajoules / Tonne-kilometre



Source: National Resources Canada, Office of Energy Efficiency. Energy Use Data Handbook, August 2006.

The trend in North America is towards increased emission controls and more stringent regulatory requirements in both the U.S. and Canada

- Shipping rail for the long haul and truck for the short haul is the most environmentally responsible, efficient and economical choice
- CN can move one tonne of freight
   197 kilometres on just one litre of fuel
- Between 1990 and 2006, CN's greenhouse gas emissions per tonne/kilometre in Canada decreased approximately 25%



IN CLOSING

Managing expenses in line with traffic level

Maintaining focus on bulk and break bulk trade

Positioning for the rebound

Positioning for environmental changes



