



# Dimensionals

RICA  
May 2026



# Who we are

## HiWide Team [Hiwide@cn.ca](mailto:Hiwide@cn.ca)

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- Trent Arnold – Dimensional Officer

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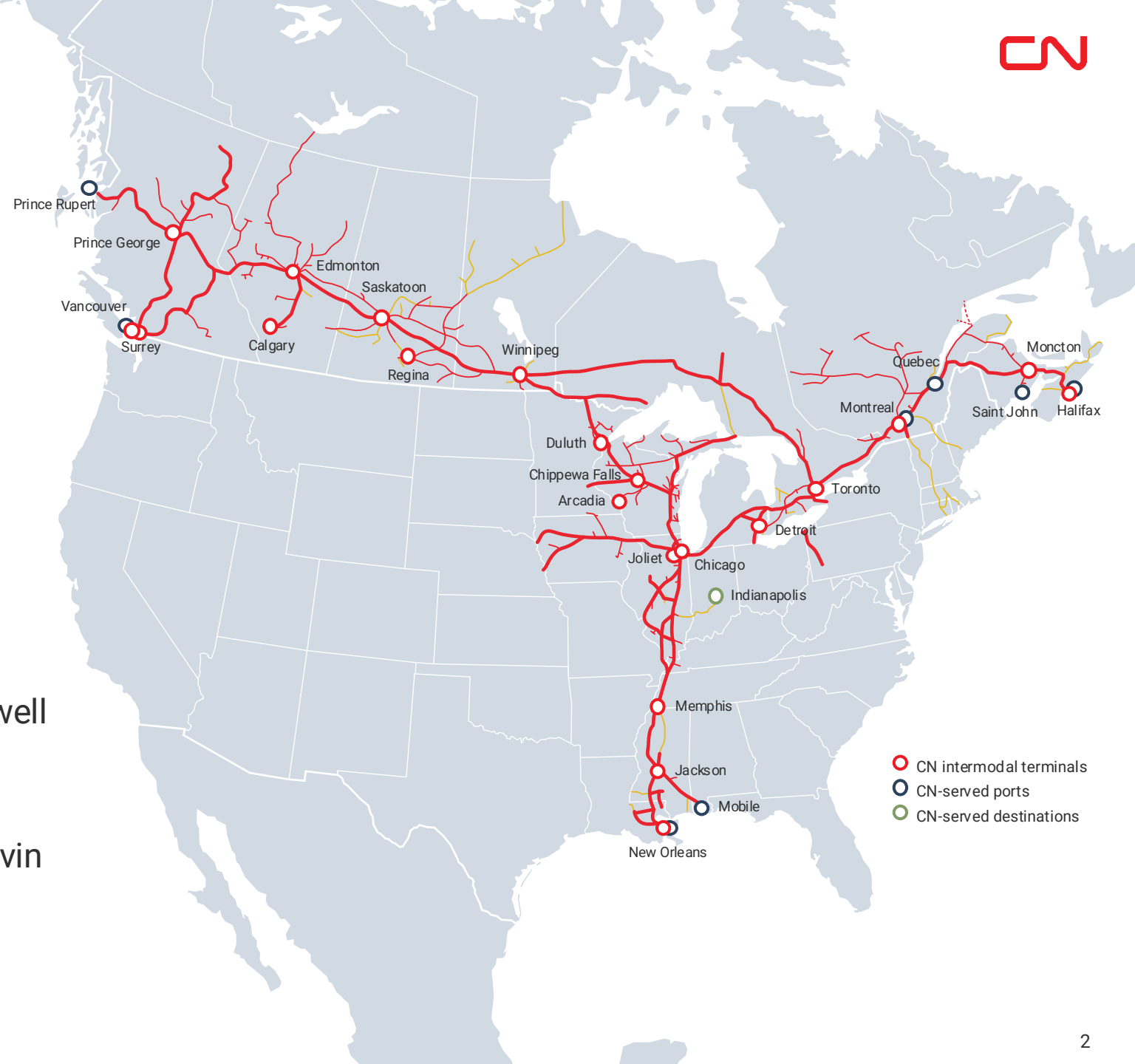
- Sarah Debonville, Maged Farag

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- Marcel Dupere, Dave Sthilaire, Elizabeth Barwell

## Marketing - [Dimensionals@cn.ca](mailto:Dimensionals@cn.ca)

- Gaston Riquero, Colan Mccrum, Mathieu Boivin



# What Qualifies as a dimensional Load?

Any shipment that:

- Protrudes beyond the length or width of a rail car
- Is greater than 15'6" above the top of rail (ATR)
- Has a net weight greater than 180,000 lbs.



# Proposals Process

## 1. Customer Submission

The customer initiates the process by submitting a Dimensional Request Form with all relevant shipment details.

## 2. Data Entry into CCM

The dimensional team inputs the provided information into Clearance Case Manager (CCM) for evaluation.

## 3. Route Testing & Clearance Validation

CCM analyzes the shipment dimensions against Lidar Scans and CN clearance standards to either confirm the route or provide maximum allowable dimensions.

## 4. Heavy Axle Load Review

Shipments with heavy axle loads are forwarded to CN's Bridges and Structures team for structural assessment.

## 5. Inter-Railway Coordination

The dimensional team shares the clearance request with all railways involved from origin to destination to confirm their approval and clearance.



## Dimensional Classification

D - 1	10' 8"	to	11' 0"	wide	Regular Train Service
D - 2	11' 1"	to	11' 6"	wide	Regular Train Service
D - 3	11' 7"	to	12' 0"	wide	Regular Train Service
D - 4	12' 1"	to	12' 6"	wide	Dimensional Train Service
D - 5	12' 7"	to	13' 0"	wide	Dimensional Train Service
D - 6	13' 1"	to	13' 6"	wide	Dimensional Train Service
D - 7	13' 7"	to	14' 0"	wide	Special Train
D - 8	14' 1"	to	14' 6"	wide	Special Train
D - 9	14' 7"	wide and over			Special Train

This is a basic guide. Classification will also depend on factors such as length, swing out and excessive weight. Actual dimensional classification is determined by the CN Clearance Bureau based on pre-clearance information.



# The Ask:

1. Submit dimensional request forms as early as possible to help avoid shipment delays
2. Ensure all required details are included in the form, including dimensions, drawings with clearance profiles, and origin/destination information



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## Dimensional Load Clearance File Request Form (Subject to charges as per tariff CN 9003, Item 1000)



Send the completed form by email to [hiwide@cn.ca](mailto:hiwide@cn.ca) OR fax to 1-866-301-9433.

### Contact Information - Requestor

Requestor Name:	Phone Number:
Company Name:	Fax Number:
Address:	Email Address:
City - Prov/State:	Postal Code/ZIP:

### Rail Origin

Shipper:
Address:
City - Prov/State:
Rail Carrier:
Track Number:

### Rail Destination

Consignee:
Address:
City - Prov/State:
Rail Carrier:
Track Number:

### Product Description\* (vessel, earth mover, transformer,

### General Shape (cylindrical, rectangular, oval, etc.)

### Proposed Ship Date

### On the Ground Dimensions\* including protrusions

Overall Length	Overall Width	Overall Height
ft in	ft in	ft in

### Manufacturer

### Manufacturer's Location

### Center of Gravity

Vertical:	in
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### Weight

lbs
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### Requested Car Type

### Weight of Ballast

lbs
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\* If your shipment width is greater than 12', or is a vessel, with various protrusions, and loaded on saddle please provide a detailed shipping diagram with your clearance request.

### Other Comments

By submitting this request, I accept the charges for preparing this pre-clearance file, as per tariff CN 9003, Item 1

Signature	Company	Date
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Reference Number:  (To be completed by CN's HIWIDE group)

### Widths at Specific Heights

Width:	ft	in
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