

# TASK FORCE ON VEHICLE WEIGHTS AND DIMENSIONS POLICY

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December 2023

# Vehicle Weights and Dimensions

- Annual open meetings to exchange information, review emerging issues, identify harmonization concerns and priorities
- Information: [www.comt.ca](http://www.comt.ca)
  - Standards and regulations
  - Government contacts
  - Meetings and minutes
  - Research reports and reference materials

<https://comt.ca/english/programs/trucking/Meetings.htm>



## Task Force on Vehicle Weights and Dimensions Policy



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[Regional Initiatives](#)

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### National Meetings

Upcoming:

**Wednesday December 6, 2023 – Montreal**

Omni Mont Royal Hotel, 1050 Sherbrooke Ouest  
9:00 AM to 5:00 PM, Pierre De Coubertin Room

Past Meetings:

*Please note that documents are in Adobe Acrobat format.*

Date	Location	Agenda	Minutes	Presentations
<b>December 6, 2023</b>	<b>Montreal</b>	<b><a href="#">2023 Agenda</a></b>		<b><a href="#">2023 Presentations</a></b>
December 7, 2022	Montreal	<a href="#">2022 Agenda</a>	<a href="#">2022 Minutes</a>	<a href="#">2022 Presentations</a>
December 8, 2021	Virtual	<a href="#">2021 Agenda</a>		<a href="#">2021 Presentations</a>
December 2020	Virtual	<a href="#">2020 Agenda</a>		<a href="#">2020 Presentations</a> <a href="#">Technical Reports – 6x2 Tractors</a>
November 2019	Montreal	<a href="#">2019 Agenda</a>		<a href="#">2019 Presentations</a>
November 2018	Montreal	<a href="#">2018 Agenda</a>	<a href="#">2018 Minutes</a>	<a href="#">2018 Presentations</a>
November 2017	Montreal	<a href="#">2017 Agenda</a>	<a href="#">2017 Minutes</a>	<a href="#">2017 Presentations</a>
December 2016	Montreal	<a href="#">2016 Agenda</a>	<a href="#">2016 Minutes</a>	<a href="#">2016 Presentations</a>
December 2015	Montreal	<a href="#">2015 Agenda</a>	<a href="#">2015 Minutes</a>	<a href="#">2015 Presentations</a>
November 2014	Montreal	<a href="#">2014 Agenda</a>	<a href="#">2014 Minutes</a>	<a href="#">2014 Presentations</a>
November 2013	Montreal	<a href="#">2013 Agenda</a>	<a href="#">2013 Minutes</a>	<a href="#">2013 Presentations</a>

# Task Force on Vehicle Weights and Dimensions Policy

- National forum for coordination and harmonization of provincial and territorial regulations, policies and practices
  - Representatives from each of the federal, provincial and territorial transportation departments
- Advance recommendations on:
  - Regulatory harmonization needs and priorities
  - Amendments to the standards contained in the National MOU on Vehicle Weights and Dimensions



## National Standards for Weights and Dimensions

- ***National Agreement (MOU) established in 1988***
  - founded on major research program and developed in partnership with industry
- ***Standards Evolution***
  - Task Force on Vehicle Weights and Dimensions Policy
    - Provides ongoing national forum for discussions with stakeholders on harmonization needs and priorities
    - Government/Industry consensus has resulted in expansion of, and amendments to, the MOU 11 times since 1988
      - 1991, 1994, 1997, 2001, 2004, 2009, 2011, 2014, 2016, 2019 & 2022

### Heavy Truck Weight and Dimension Limits for Interprovincial Operations in Canada

Resulting From  
The Federal-Provincial-Territorial Memorandum of Understanding  
on Interprovincial Weights and Dimensions



Summary Information

October 2022



# MOU National Standards

Category 1: Tractor Semitrailer

Category 1A: Tridem Drive Tractor Semitrailer

Category 2: A Train Double

Category 3: B Train Double

Category 4: C Train Double

Category 5: Straight Truck

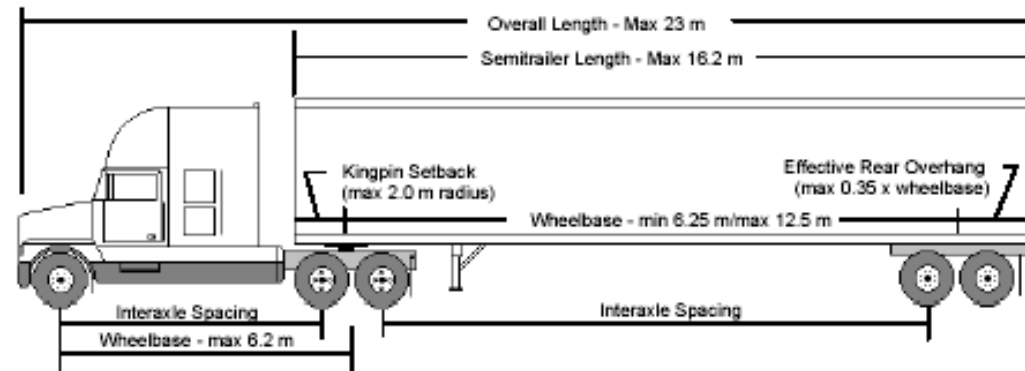
Category 6: Truck - Pony Trailer

Category 7: Truck - Full Trailer

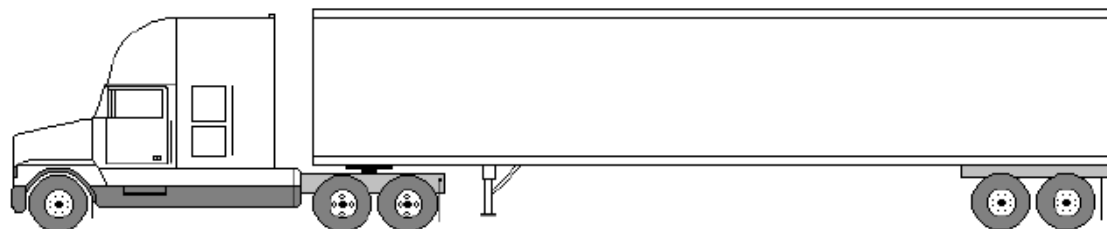
Category 8: Intercity Bus and Recreational Vehicles

Category S1: Stinger Steer Automobile Carrier

Category S2: Recreational Vehicle Trailers

**Category 1: Tractor Semitrailer**
**Part 1 - Dimension Limits**


DIMENSION	LIMIT
<b>Overall Length</b>	Maximum 23 m
<b>Overall Width</b>	Maximum 2.6 m
<b>Overall Height</b>	Maximum 4.15 m
<b>Tractor:</b>	
Wheelbase	Maximum 6.2 m
Tandem Axle Spread	Minimum 1.2 m/Maximum 1.85 m
<b>Semitrailer</b>	
Length	Maximum 16.2 m
Wheelbase	
Single, Tandem or Tridem Axle Group	Minimum 6.25 m/Maximum 12.5 m
Kingpin Setback	Maximum 2.0 m radius
Effective Rear Overhang	Maximum 35% of wheelbase
Tandem Axle Spread	Minimum 1.2 m/Maximum 1.85 m
Tridem Axle Spread	Minimum 2.4 m/Maximum 3.7 m
Track Width	Minimum 2.5 m/Maximum 2.6 m
<b>Interaxle Spacings</b>	
Single Axle to Single, Tandem or Tridem Axle	Minimum 3.0 m
Tandem Axle to Tandem Axle	Minimum 5.0 m
Tandem Axle to Tridem Axle	Minimum 5.5 m

**Category 1: Tractor Semitrailer**
**Part 2 - Weight Limits**


Max 5500 kg

 Single Axle - Max 9100 kg  
 Tandem Axle - Max 17 000 kg

 Single Axle - Max 9100 kg  
 Tandem Axle - Max 17 000 kg  
 Tridem Axle - Spread:  
 2.4 m to < 3.0 m - Max 21 000 kg  
 3.0 m to < 3.6 m - Max 23 000 kg  
 3.6 m to 3.7 m - Max 24 000 kg

WEIGHT <sup>2</sup>	LIMIT
<b>Axle Weights<sup>2</sup>:</b>	
Steering Axle	Maximum 5500 kg
Single Axle (dual tires)	Maximum 9100 kg
<b>Tandem Axle:</b>	
Axle Spread 1.2 m - 1.85 m	Maximum 17 000 kg
<b>Tridem Axle:</b>	
Axle Spread 2.4 m - less than 3.0 m	Maximum 21 000 kg
Axle Spread 3.0 m - less than 3.6 m	Maximum 23 000 kg
Axle Spread 3.6 m - 3.7 m	Maximum 24 000 kg
<b>Gross Vehicle Weight Limits<sup>2</sup></b>	
Three Axles	Maximum 23 700 kg
Four Axles	Maximum 31 600 kg
Five Axles	Maximum 39 500 kg
Six Axles - with 2.4 to < 3.0 m spread tridem	Maximum 43 500 kg
with 3.0 m to < 3.6 m spread tridem	Maximum 45 500 kg
with 3.6 to 3.7 m spread tridem	Maximum 46 500 kg



## Dimension Limits

	MOU	YK	NT	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Overall Height	4.15 m	*	4.2	*	*	*	*	*	*	*	*	*	*
Overall Width	2.6 m	*	*	*	*	*	*	*	*	*	*	*	*
Overall Length													
Tractor Semitrailer	23 m	*	25	*	*	*	*	*	*	*	*	*	*
Tridem Drive Tractor Semitrailer	23.5 m	*	25	*	*	*	*	*	*	*	*	*	*
A Train Double	25.0 m	*	26	26	26	26	*	*	*	*	*	*	*
B Train Double	27.5 m	*	*	*	*	*	*	*	*	*	*	*	*
C Train Double	25.0 m	*	26	26	26	26	*	*	*	*	*	*	*
Straight Truck	12.5 m	*	*	*	*	*	*	*	*	*	*	*	*
Truck & Pony Trailer	23.0 m	*	*	*	*	*	*	*	*	*	*	*	*
Truck & Full Trailer	23.0 m	*	*	*	*	*	*	*	*	*	*	*	*
Intercity Bus	14.0 m	*	*	*	*	*	*	*	*	*	*	*	*
Trailer Length													
Semitrailer	16.2 m	*	*	*	*	*	*	*	*	*	*	*	*
Full Trailer	12.5 m	*	*	*	*	*	*	*	14.65	*	*	*	*
Pony Trailer	12.5 m	*	*	*	*	*	*	*	*	*	*	*	*
Box Length													
Truck & Full or Pony Trailer	20 m	*	*	*	*	*	*	*	*	*	*	*	*
A Train Double	20 m	*	*	*	*	*	*	*	*	*	*	*	*
B Train Double	20 m	*	*	*	*	*	*	*	*	*	*	*	*
C Train Double	20 m	*	*	*	*	*	*	*	*	*	*	*	*
Effective Rear Overhang													
Straight Truck	4 m	*	*	*	*	*	*	*	*	*	*	*	*
Semitrailer	35% of wb	*	*	*	*	*	*	*	*	*	*	*	*
Wheelbase													
Tractor (min)	3.0 m	*	*	*	*	*	*	*	*	*	*	*	*
Tractor (max) <sup>1</sup>	6.2 m	NR	*	*	*	*	*	*	*	*	*	*	*
Full Trailer (min)	6.25 m	*	*	*	*	*	*	*	*	*	*	*	*
Semitrailer (max)	12.5 m	*	*	*	*	*	*	*	*	*	*	*	*
Semitrailer (min)	6.25 m	*	*	*	*	*	*	*	*	*	*	*	*

Legend: \* = Same as MOU

Western Regional Harmonization

## Weight Limits

Axle loads	MOU	YK	NT	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Steering Axle - Tractors	5,500	6,000	*	6,000	6,000	6,000	6,000	7,700	*	*	*	*	*
Steering Axle - Trucks	7,250	7,300	7,300	7,300	7,300	7,300	7,300	9,000	*	8,000	8,000	9,100	8,000
Single Axle - dual tires	9,100	10,000	*	*	*	*	*	10,000	10,000	*	*	*	*
Tandem Axle (1.2 to 1.85 m spread)	17,000	17,900	*	*	*	*	*	18,000	18,000	18,000	18,000	18,000	18,000
Tridem - 2.4 m spread	21,000	24,000	*	24,000	*	*	*	21,300	*	*	*	*	*
Tridem - 3.0 m spread	23,000	24,000	24,000	24,000	24,000	24,000	*	24,000	24,000	24,000	24,000	24,000	24,000
Tridem - 3.7 m spread	24,000	*	*	*	*	*	*	26,000	26,000	26,000	26,000	26,000	26,000
Gross Vehicle Weight	MOU	YK	NT	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Truck - 3 axles	24,250	28,200	24,300	26,000	24,300	24,300	24,300	28,100 <sup>2</sup>	25,250	26,000	26,000	26,000	26,000
Tractor Semitrailer - 3 axles	23,700	26,000	*	24,200	24,200	24,200	24,200	27,700	25,500	*	*	*	*
- 4 axles	31,600	35,100	*	32,800	32,100	32,100	32,100	36,800	33,500	32,600	32,600	32,600	32,600
- 5 axles	39,500	44,200	*	40,000	40,000	40,000	40,000	45,900	41,500	41,500	41,500	41,500	41,500
- 6 axles	46,500	49,100	*	47,000	47,000	47,000	47,000	52,800	49,500	49,500	49,500	49,500	49,500
Tri- Drive Tractor Semitrailer - 7 axles	52,300	55,300	54,300	54,300	54,300	53,300	53,300	55,700	54,700	54,300	54,300	54,300	54,300
A Train - 5 axles	41,900	45,500	*	42,400	42,400	42,400	42,400	*	45,500	*	*	*	*
- 6 axles	49,800	53,500	*	50,300	50,300	50,300	50,300	*	53,500	50,800	50,800	50,800	50,800
- 7 axles	53,500	*	*	*	*	*	*	*	*	*	*	*	*
- 8 axles	53,500	*	*	*	*	*	*	*	*	*	*	*	*
B Train - 6 axles	48,600	54,200	*	49,100	49,100	49,100	49,100	55,900	53,000	50,600	50,600	50,600	50,600
- 7 axles	56,500	63,300	*	57,000	57,000	57,000	57,000	60,800	59,000	59,500	59,500	59,500	59,500
- 8 axles	62,500	63,500	63,500	63,500	63,500	63,500	63,500	63,500	*	*	*	*	*
C Train - 5 axles	41,900	45,500	*	42,400	42,400	42,400	42,400	*	45,500	*	*	*	*
- 6 axles	49,800	54,600	*	50,300	50,300	50,300	50,300	*	53,500	50,800	50,800	50,800	50,800
- 7 axles	54,600	60,500	*	57,700	58,200	60,500	60,500	*	55,500	55,600	55,600	55,600	55,600
- 8 axles	58,500	60,500	*	60,500	60,500	60,500	60,500	*	*	*	*	*	*
Truck & Pony Trailer - 6 axles	45,250	52,200	48,300	47,000	45,300	45,300	45,300	54,100	49,500	47,000	47,000	47,000	47,000
Truck & Full Trailer - 5 axles	41,250	47,300	41,300	43,000	42,500	41,300	41,300	46,100	43,500	43,000	43,000	43,000	43,000
Truck & Full Trailer - 7 axles	53,500	59,200	*	57,000	55,300	53,500	55,300	63,500	55,500	*	*	*	*

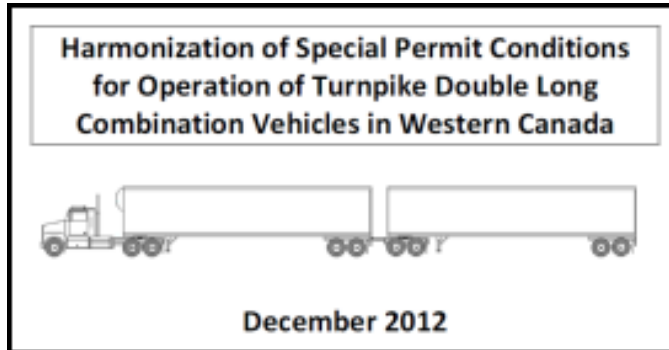
Legend: \* = Same as MOU  Atlantic Regional Harmonization  Western Regional Harmonization

# Long Combination Vehicles (LCV's)

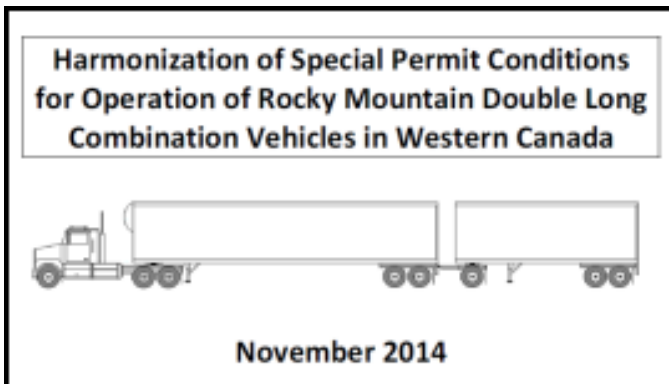
## Harmonization of Special Permit Conditions

### Western Region

#### Turnpike Doubles - 2012

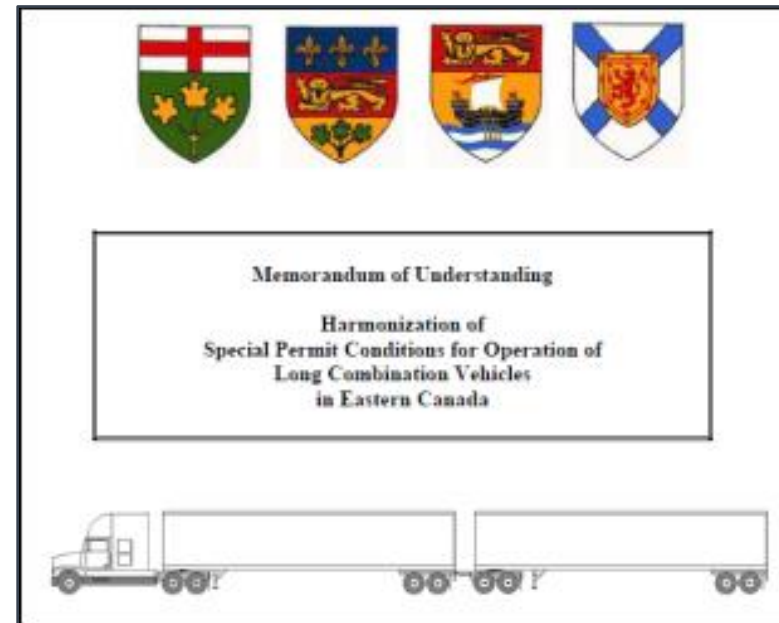


#### Rocky Mountain Doubles - 2014



### Eastern Region

#### Turnpike Doubles - 2016



## Status of Implementation of MOU Amendments

### ***October 2014***

1. Addition of the Tridem Drive Tractor – Semitrailer Configuration as a new MOU Category
2. Increase in the Allowable Size of Aerodynamic Devices on Rear of Trucks and Trailers from 0.61 metres to 1.52 metres.
3. Increase in the Overall Length Limit for B Train Double Trailer Combinations from 25 m to 27.5 metres.

### ***September 2016***

1. Provision to Allow Longer Wheelbase Tractors on Category 1: Tractor Semitrailer Configurations (up to 7.2 m)
2. Provision to Allow Longer Wheelbase Tractors on Category 3: B Train Double Configurations (up to 6.8 m)

### ***January 2019***

1. Provision to Allow Weight Limit Parity for Wide Base Single Tires (445 mm wide and greater) and Dual Tires
2. Provision to Allow Boats to be Transported in Category S1 – Stinger Steer Automobile Carrier

### ***February 2022***

1. Addition of Recreational Vehicle Trailers as a category under “Specialized Vehicles”

## MOU Amendments October 2014

### 1. Addition of the Tridem Drive Tractor – Semitrailer Configuration as a new MOU Category



Jurisdiction	Allowed by Regulation	Allowed by Permit	Allowed by Admin Policy
NL			
NS			
PE			
NB			
QC			
ON			
MB			
SK			
AB			
BC			
NT			
YK			

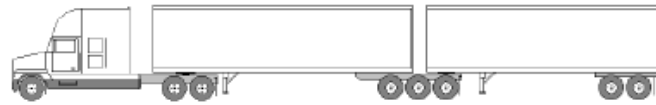
### 2. Increase in the Allowable Size of Aerodynamic Devices on Rear of Trucks and Trailers from 0.61 metres to 1.52 metres.



Aerodynamic devices installed at the rear of the vehicle can extend up to 1.52 m

Jurisdiction	Allowed by Regulation	Allowed by Permit	Allowed by Admin Policy
NL			
NS			
PE			
NB			
QC			
ON			
MB			
SK			
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BC			
NT			
YT			

### 3. Increase in the Overall Length Limit for B Train Double Trailer Combinations from 25 m to 27.5 metres.

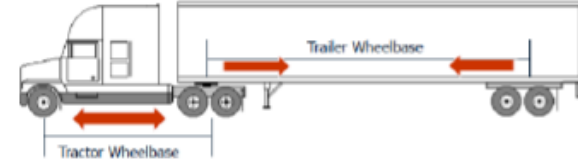


Jurisdiction	Allowed by Regulation	Allowed by Permit	Allowed by Admin Policy
NL			
NS			
PE			
NB			
QC			
ON			
MB			
SK			
AB			
BC			
NT			
YK			

## MOU Amendments September 2016

### 1. Provision to Allow Longer Wheelbase Tractors on Category 1: Tractor Semitrailer Configurations (up to 7.2 m)

The tractor wheelbase can be up to 7.2 m in a Tractor-Semitrailer configuration, provided the wheelbase of the semitrailer is reduced in accordance with the following table:



Tractor Wheelbase	Maximum Semitrailer Wheelbase
6.2 m or less	≤ 12.50 m
> 6.2 m to 6.3 m	≤ 12.47 m
> 6.3 m to 6.4 m	≤ 12.40 m
> 6.4 m to 6.5 m	≤ 12.33 m
> 6.5 m to 6.6 m	≤ 12.27 m
> 6.6 m to 6.7 m	≤ 12.20 m
> 6.7 m to 6.8 m	≤ 12.13 m
> 6.8 m to 6.9 m	≤ 12.07 m
> 6.9 m to 7.0 m	≤ 12.00 m
> 7.0 m to 7.1 m	≤ 11.93 m
> 7.1 m to 7.2 m	≤ 11.87 m

Jurisdiction	Allowed by Regulation	Allowed by Permit	Allowed by Admin Policy
NL			
NS			
PE			
NB			
QC			
ON			
MB			
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AB			
BC			
NT			
YT			

### 2. Provision to Allow Longer Wheelbase Tractors on Category 3: B Train Double Configurations (up to 6.8 m)



The tractor wheelbase can be up to 6.8 m in a B Train Double configuration, provided the sum of the wheelbases of the semitrailers is reduced in accordance with the following table:

Tractor Wheelbase	Maximum Sum of Semitrailer Wheelbases
6.2 m or less	≤ 17.00 m
> 6.2 m to 6.3 m	≤ 16.53 m
> 6.3 m to 6.4 m	≤ 16.44 m
> 6.4 m to 6.5 m	≤ 16.36 m
> 6.5 m to 6.6 m	≤ 16.27 m
> 6.6 m to 6.7 m	≤ 16.19 m
> 6.7 m to 6.8 m	≤ 16.10 m

Jurisdiction	Allowed by Regulation	Allowed by Permit	Allowed by Admin Policy
NL			
NS			
PE			
NB			
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MB			
SK			
AB			
BC			
NT			
YT			

**MOU Amendments January 2019**

**1. Provision to Allow Weight Limit Parity for Wide Base Single Tires (445 mm wide and greater) and Dual Tires**



Maximum Tire Loading	10 kg/mm		
Maximum Axle Loading	Dual Tires	WBST	WBST
		445 mm	455 mm
Single Axle	9100 kg	8900 kg	9100 kg
Tandem Axle:			
Spread - 1.2 m to 1.85 m	17,000 kg	17,000 kg	17,000 kg
Tridem Axle:			
Spread - 2.4 m to < 3.0 m	21,000 kg	21,000 kg	21,000 kg
Spread - 3.0 m to < 3.6 m	23,000 kg	23,000 kg	23,000 kg
Spread - 3.6 m to 3.7 m	24,000 kg	24,000 kg	24,000 kg

Jurisdiction	Allowed by Regulation	Allowed by Permit	Notes
NL			
NS			Reg change pending
PE			
NB			
QC			
ON			
MB			
SK			
AB			
BC			
NT			
YT			

**2. Provision to Allow Boats to be Transported in Category S1 – Stinger Steer Automobile Carrier**

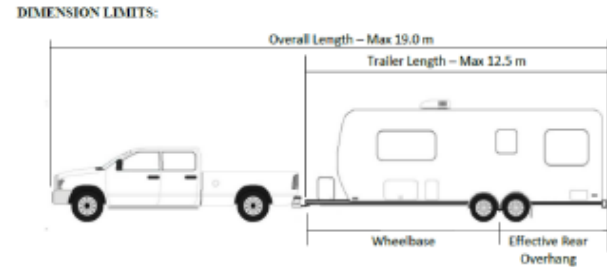


Jurisdiction	Allowed	Pending
NL		
NS		
PE		
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SK		
AB		
BC		
NT		
YT		

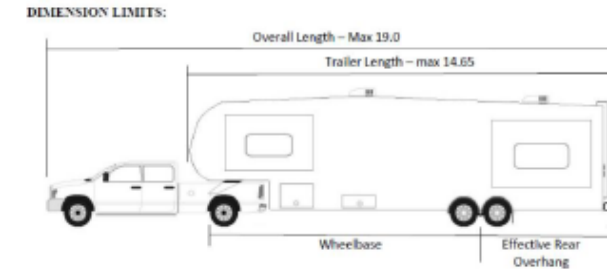
**MOU Amendments February 2022**

**1. Addition of Recreational Vehicle Trailers as a category under “Specialized Vehicles”**

S2A – Recreational Vehicle Trailer with Ball Hitch Coupling



S2B – Recreational Vehicle Trailer with 5<sup>th</sup> Wheel Hitch



Jurisdiction	Implemented	Pending
NL		
NS		
PE		
NB		
QC		
ON		
MB		
SK		
AB		
BC		
NT		
YT		

## Task Force on VWD Policy

- **Ongoing interest in reducing barriers to efficient trade within Canada**
  - Canadian Free Trade Agreement of 2017
  - Supply Chain Task Force Report
  - Impacts of differences in vehicle weights and dimensions regulations and policies
  - Complex regulatory field with many governments involved
  - Much has been accomplished, but always opportunities to improve efficiency and productivity of the highway transport system
- **Report on today's issues and discussions will be provided to Council of Deputy Ministers**

## Draft Agenda

### 1. Welcome and Opening

### 2. Adoption of Agenda

### 3. Vehicle Weight and Dimension Regulations in Canada - Update on Issues and Developments

#### a) National Developments & MOU Amendments

#### b) Provincial/Territorial Developments - Round table reports by jurisdiction

a) British Columbia	Nam Nguyen
i. Alberta	Pamela Sooley
ii. Saskatchewan	Syed Imran
iii. Manitoba	Warren Borgford
iv. Ontario	Joe Lynch
v. Quebec	Francois Janelle
vi. New Brunswick	Matt Illsley
vii. Prince Edward Island	Pat Dowling
viii. Nova Scotia	Brent Connolly & Laurie Hurley
ix. Newfoundland and Labrador	Krista Cull
x. Yukon	Michael Kasprzak
xi. Northwest Territories	Keith Bonnetrouge
xii. Nunavut	James Demcheson
xiii. Transport Canada	Mayank Rastogi

### 4. Presentations

a) Use of Semitrailers Longer than 16.2 m	Roundtable
b) Low Emission Technologies	D. Schmidt, AMTA
c) Improving Transportation Efficiency through collaborative initiatives	Pape Masseck Thiam, FPInnovations
d) Forced Steer Trailer Axles Update	G. Noël, GNSolutions

### 5. Oversize and Overweight Loads

a) Canadian Crane Rental Association	C. Bélanger-Parker, CCRA
b) Specialized Carriers & Rigging Association	Chris Smith, SCRA
c) Pilot Car Industry	Heather Murray, Sparrow Piloting Service

### 6. Other Business

### 7. Adjournment