

Bulletin 41 – Oversize/Overweight Vehicles

1. CRANES, SELF PROPELLED RUBBER-TIRED LOADERS, AND FIRE TRUCKS

A WEIGHT (TERM OR SINGLE PERMITS)

- (a) Tire capacity may be exceeded by a maximum of 10% (Ref 7.29(a) CTAR);
- (ii) Maximum single axle weight = 13 500 kg;
- (iii) Maximum tandem axle weight = 23 000 kg subject to tire size;
- (iii) Maximum tridem axle weight – 28 000 kg subject to tire size
- (iv) Maximum gross vehicle weight = 64 000 kg
- (v) Subject to conditions and restrictions contained in [T-54](#)
- (vi) Subject to conditions and restrictions contained in the *Highway Act Regulations*
- (vii) When vehicle or vehicle combination exceeds a gross vehicle weight of 45 000 kg, one pilot car will be required to the rear when travel is over the following sections of highway:
 - (a) Highway #1 between Hope and Cache Creek
 - (b) Highway #3 between Hope and Princeton
 - (c) Highway #99 between Horseshoe Bay and Pemberton

The BRIDGE FORMULA is applicable to all axles and does not stop at 800 cm. This formula is: $30 \times \text{Wheelbase (cm)} + 18\,000 = \text{maximum permissible weight in kilograms.}$

B SIZE – T53 DIMENSIONS (SINGLE OR TERM PERMITS) (March 2005)

- (b) Maximum O.A.L. of carrier = 14 metres (not including boom)
- (ii) Maximum O.A.L. of vehicle combination including boom dolly or trailer = 25.0 metres
- (iii) Maximum overall width = 3.2 metres
- (iv) Maximum overall height = 4.3 metres

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- (v) Maximum front projection = 6.5 metres (measured from turn center)
- (vi) Maximum rear projection = 6.5 metres (measured from last axle)
- (vii) Subject to conditions and restrictions contained in Form [T-53](#)

C SPEED (TERM PERMITS)

- (i) Must be capable of maintaining a minimum speed of 60 km/h on level road

D SIZE – T53A DIMENSIONS (SINGLE OR TERM PERMITS) (March 2005)

- (i) Maximum O.A.L. of carrier = 14 m. All requests to exceed 14 metre carrier length must be pre-approved by Victoria Head Office in writing with a letter of authorization to be carried with the crane.
- (ii) Maximum O.A.L. of vehicle combination including boom dolly or trailer = 25.0 m
- (iii) Maximum overall width = 3.8 m
- (iv) Maximum overall height = 4.3 m
- (v) Maximum front projection = 6.5 m under term permit and 10.0 m under a single trip permit
- (vi) Maximum rear projection = 6.50 m (measured from last axle of the carrier)
- (vii) Subject to the Conditions and restrictions contained in Form [T-53](#) and [T-53A](#), whichever is applicable.
- (viii) Carrier length for oil and gas service rigs operating in the Peace River area is allowed to a maximum of 15 metres.

A crane or service rig is not to be considered oversize by reason of the front boom projection unless the overall length exceeds 12.5 m. See C.T.A. Regulations Div. 7.13 2(a) (This supercedes Division 7.17 (2)(a))

E PILOT CARS

- (i) One pilot car will be required if the front projection exceeds 6.5 m measured from the turn center or the rear projection exceeds 6.5 m beyond last axle. Maximum front projection allowed is 10 metres measured from turn center.

F SPEED (SINGLE TRIP PERMITS)

- (i) Should be capable of maintaining a minimum speed of 60 km/h on level road;
- (ii) Cranes and loaders, such as all-terrain models that are not able to comply with (i) above shall be limited as follows:
 - (a) a maximum of 80 road kilometres from point of origin;
 - (b) no travel on Highway #1 between Vancouver and Cache Creek;
 - (c) no travel on Highway #97 between Osoyoos and Monte Creek between June 15 and September 15;

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- (d) no travel on Highway #99;
- (e) in areas of high traffic density, such vehicles should only be operated on the highway in early morning hours;
- (f) no travel on the Hope-Princeton section of Highway 3 between June 15 and September 15

G BOOM DOLLIES OR TRAILERS

The track width or overall width of the boom dolly or trailer cannot exceed 3.2 metres or the width of the crane if the crane is less than 3.2 metres wide.

Tridem axle boom dollies (axle spread 2.4 – 3.7 m) are allowed to operate either as a trailer or free standing up to a maximum permitted overload of 28 000 kg. Bridge formula weights or the 64 000 kg maximum GVW cannot be exceeded and due to weight distribution of the boom, trailer wheelbase and/or interaxle spacing requirements according to Appendix B CTAR are waived.

H CRANE BOOMS LOADED ON TRAILERS

Single Trip or Term Oversize permits may be issued for two crane booms loaded side by side lengthwise on the deck up to a maximum width of 3.2 m.

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Larger Diagram of Tractor with Installed Crane and Semi-Trailer [here](#)

Commercial Transport Permit Conditions
TRIDEM DRIVE FIXED EQUIPMENT TRUCK
DIMENSIONS

WEIGHTS

<p>Single steer Max. 9 100 kg (Legal) Max. 12 000 kg (Overload) Must Be Greater Than 27% of Tridem Drive Axle Group Weight</p> <p>Tandem steer Max. 15 200 kg (Legal) Max. 17 000 kg (Overload & See Specification #5 Below) Must Be Greater Than 40% of Tridem Drive Axle Group Weight</p> <p>Tridem steer Max. 24 000 kg (No Overload Allowed) Must Be Greater Than 40% of Tridem Drive Axle Group Weight</p>	<p>Tridem Drive Max. 24 000 kg (Legal) Max. 28 000 kg (Overload) Adjacent axles must be load equalized to within 1 000 kg</p>
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Maximum Gross Vehicle Weight (GVW)

Single Steer Max. 33 100 kg (Legal)	Tandem Steer Max. 39 200 kg (Legal)	Tridem Steer Max. 48 000 kg (Legal)
Single Steer Max. 40 000 kg (Overload)	Tandem Steer Max. 45 000 kg (Overload)	Tridem Steer Max. 52 000 kg (Overload)

TABLE A : AXLE SPREAD (BETWEEN CENTERS)		TABLE B : INTERAXLE SPACING		TABLE C : WHEELBASE		
Steer	Tridem Drive Axle Spread	Steer	Tridem Drive Axle Spread	Steer	Tridem Drive Axle Spread	Min. Wheelbase
Single (Steer)	Less than 1.0 m	Single - Tridem	Min. 3 m	Single	2.4 m - 2.8 m	6.6 m
Tandem (Steer)	1.0 - 1.85 m	Tandem - Tridem	Min. 5.5 m	Tandem	2.4 m - less than 2.8 m	7.7 m
Tridem (Steer)	2.4 - 3.1 m	Tridem - Tridem	Min. 5 m	Tandem	2.8 m - less than 3.0 m ^o	7.8 m
Tridem (Drive)	2.4 - 2.8 m			Tandem	3.0 m - 3.1 m ^o	7.9 m
Tridem (Drive)	2.4 - 3.1 m *			Tridem	2.4 m - 2.8 m	Limited by interaxle spacing of Min. 5 m

* Oilfield exploration bed trucks only

Specification for Tridem Drive Truck:

- The tridem drive axles must be on a common suspension that equalizes the weight within 1 000 kg from adjacent axles.
- Minimum 10-inch tires on drive axles.
- Tandem drive axles converted to tridem drive must meet track width requirement.
- Axle locking devices must be capable of being disengaged during turning manoeuvres.
- The Static Rollover Threshold, minimum 0.35g, must be certified by the manufacturer of the truck, or a registered BC Professional Engineer when the tandem steer axle group exceeds 15 200 kg.

Notes:

- This permit condition is for a straight truck with "installed equipment and related loads" only, such as crane and drilling derrick. No general freight loads or liquid tankers.
- Maximum 3000 kg/tire applicable to all axles except the steering axle(s), and 110 kg/cm of tire width applicable to all tires. Effective January 1, 2005: 100 kg/cm of tire width applicable to all tires.
- No trailers may be towed by a tridem steer/tridem drive truck.

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August 19, 2003

2. OVERWIDTH LOWBED SEMI-TRAILERS

Please note this policy can be found in [Bulletin 24, Paragraph 2\(c\)](#). It has been removed from this Bulletin.

3. OVERHEIGHT LOADS MOVE ON LOWBED

Please note this policy can be found in [Bulletin 24, Paragraph 2\(d\)\(i\)](#). It has been removed from this Bulletin.

4. OVERHEIGHT LOADS MOVED ON HIBOY TRAILERS

Please note this policy has been removed from this Bulletin and moved to [Bulletin 24, Paragraph 2\(d\)\(ii\)](#).

5. TAC AND NON TAC STEERING TRAILER, HIBOY EXPANDO, SLIDING AXLE SEMI-TRAILERS (BRIDGE BEAMS, STRUCTURAL STEEL, DEBARKED POLES, PILINGS, ETC.)

Note: For heavy haul equipment (lowbeds, step decks, double drops) refer to [Bulletin 24](#).

A Loads in excess of 31 m in overall length, up to 40 m, require steering trailers and these loads can be approved by the Weigh Scale Inspector in Charge or designate. Loads exceeding 40 m overall length must be cleared through Victoria Head Office. Maximum weights outlined in [Bulletin 24, Paragraph 1](#) apply and two piece loads are allowed provided they comply with Paragraph 1(m). Tridem drive tractors can be used at weights described in Paragraph 1(o).

B All loads of beams etc. exceeding 36 metres overall length must be equipped with proper manned steering trailers as described below before a permit will be issued. A manned steering trailer must have the following:

- a separate compartment attached to trailer
- an operator to steer at all times
- a steering wheel which controls the left and right turning of one or more steering axles of this free standing steering trailer on a continuous basis
- two-way radio communication with operator of power unit which is towing this trailer
- a windshield, windshield wipers, and washer
- a heater system and defrost system for windshield
- an air operated horn for emergency use

Paragraph E below also applies to steering trailers extended beyond 32 m.

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Note: Summer restrictions apply for loads exceeding 36 metres up to 40 metres overall length from the last Friday in June to after Labour Day. During this period, loads exceeding 36 metres overall length will be restricted to 2:00 a.m. to 5:00 a.m. travel Monday to Friday excluding general holidays. For loads exceeding 40 metres refer to Victoria Head Office.

C With the exception of freestanding 3 or 4 axle trailers the separation of truck-tractors and semi-trailers to transport overlength loads (bridge beams, etc.) shall not be permitted. Jeeps or boosters are not allowed in combination with free standing trailers. (June 10/02)

D The maximum distance between the kingpin of the truck tractor and the center of the last axle of an expanding semi-trailer shall be 18.3 metres. Rear overhang measured from the turn center will be permitted to a maximum of 8.5 metres, provided the above allowance to 18.3 metres is maximized. (June 10/02)

E If overloaded, fees will be charged for only the axle overload above legal weight. This applies for expando and sliding axle semi-trailers and for steering trailers for all loads including those loads requiring additional axles, i.e. jeeps, boosters. (Reference CTAR 7.27).

F If jeep or booster axles are added to expando or sliding axle lowbed semi-trailers overweight fees will be charged for axle overload according to Division 7.27 CTAR.

G Hiboy semi-trailers can be used for these non reducible loads up to 31 metres overall length. For non-reducible loads and weight distribution, jeeps may be used in combination with TAC hiboy semi-trailers. This also includes the older 1989 Tycrop jeep/semi-trailer combinations operating by letters of authorization. Overall heights must not exceed 4.4 metres. In the Peace River area, jeeps and single or tandem axle boosters are allowed in combination with TAC or non TAC oilfield float hiboy semi-trailers, for non reducible loads only. When traveling empty, axles located beyond the 27.5 metres will require oversize/overload permits and be charged overload for total axle weight beyond 27.5 metres. If overall heights in the Peace River exceed 5.33 metres then a [T-53D](#) is required.

H A sliding axle unit on a semi-trailer will be allowed to extend to a maximum wheelbase of 14.25 metres. Must be reduced to legal when not required for weight distribution.

I Travel is permitted on Highway #3 between Hope and Princeton up to a maximum overall length of 36 metres and two pilot cars are required for all loads exceeding 31 metres overall length.

J [T-55](#) Form restrictions apply to all loads in excess of 31 metres overall length.

6. (i) TANDEM OR TRIDEM DRIVE OVERSIZE OILFIELD BED TRUCKS (OILFIELD SOWS)

a. Single trip or term permits may be issued for the highway movement of overdimensional 3, 4 or 5 AXLE bed trucks (sows) in the Peace River area as follows: These are

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exceptionally large truck tractors equipped with a cargo carrying deck and winch located behind the cab used for loading and unloading in the oilfield.

b. Dimensions:

- (i) Maximum overall width – 3.2 m
- (ii) Maximum overall length – 14 m
- (iii) Maximum overall height – legal

a. CONDITIONS: (TO BE NOTED ON PERMIT)

- (i) Empty vehicle only – no load to be transported – no trailer to be towed;
- (ii) Extremities to be flagged for daylight travel, to be well lit for night travel;
- (iii) Vehicles must be capable of maintaining a minimum speed of 60 km/h on level road

NOTE: These vehicles are exceptionally large and are commonly referred to as “OILFIELD SOWS.” Weight can be permitted on these equipped units according to [Bulletin 41, Paragraph 1](#) similar to cranes and service rigs. The tare of these vehicles may exceed the 70% axle weight restriction as imposed during spring breakup and there are no exemptions for these vehicles.

6. (ii) OILFIELD BED TRUCKS/SEMI-TRAILERS

(see definition of bed truck in CTAR) (February 2003)

B. Single trip or term permits may be issued for the highway movement of overdimensional 3 or 4 AXLE bed truck/semi trailer combinations in the Peace River area.

C. Dimensions:

- (i) maximum overall truck width – 2.90 m not including pin pockets.
- (ii) maximum truck length – 12.50 m
- (iii) maximum overall length with installed winch – 14 m
- (iv) maximum overall truck height – legal
- (v) maximum combination length – 23 m
- (vi) maximum semi trailer length – legal
- (vii) maximum semi trailer width – 3.2 m

D. CONDITIONS: (TO BE NOTED ON PERMIT)

- (i) Extremities to be flagged for daylight travel, to be well lit for night travel;
- (ii) Vehicles must be capable of maintaining a minimum speed of 60 km/h on level road

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E. Loaded dimensions and travel restrictions will be in accord with present policies applicable in the Peace River area.

6 (iii) OILFIELD BED TRUCKS/EXPANDO SEMI-TRAILERS (March 2005)

A. Single or term permits may be issued for the movement of loads on bed trucks in combination with expando type semi-trailers to exceed 23 m up to 27.5 m maximum. (Similar to Policy [Bulletin 27, Paragraph 10 and 11 Diagrams](#)).

B. These combinations must not exceed 23 metres overall length when empty.

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6 (iv) OILFIELD SERVICE RIGS

Larger diagram of Service Rigs click [here](#)

**Commercial Transport Permit Conditions
Fixed Equipment Oilfield Service Truck (Service Rigs)**

DIMENSIONS

Front Projection = max. 6.5m
(measured from turn center
of the steering axle group)
max. 8.5m with pilot
car right travel. [term permit]

Maximum Front Projection = Refer
to Oilfield Service Rig Graph
[single trip permit]

Maximum Rear Projection = 6.5m
(measured from last axle)
[term and single trip permit]

Maximum Overall Height = 4.3m
Except the "height limit exemption items" will be
allowed to 4.57m in height. (See note below.)
[term and single trip permit]

Maximum Overall Width = 3.2m
[term permit]
Maximum Overall Width = 3.8m
[single trip permit]

Interaxle Spacing
See Table II

Axle Spread
See Table I below

Minimum Wheelbase = 6.6 m
(tridem drive only)

Maximum Wheelbase = 10.0 m
(all trucks)

Maximum Overall Length of Carrier (not including boom) = 14m [single, tandem drive term permit]
Maximum Overall Length of Carrier (not including boom) = 15m [single, tandem steer trip permit]
Maximum Overall Length of Carrier (not including boom) = 15.5m [tridem steer, tridem drive only single trip or term permit]

WEIGHTS

Max. Single Steer
12 000 kg
Min. 27% of tridem drive axle
group weight when loaded if
equipped with tridem drive axles.

Max. Tandem Steer with Tandem Drive
23 000kg (See note below)

Max. Tandem Steer with Tridrive
15 200kg
20 000kg (via Overload
Permit and see
note #2 below)

Max. Tridem Steer with Tridrive
24 000kg (Must be greater than
40% of tridrive weight)

Max. Single = 9100 kg (legal) 12000 kg (overload)
Max. Tandem = 17000 kg (legal) 25000 kg (overload)
Max. Tridem = 24000 kg (legal) 28000 kg (overload)

Drive Axle Group must have
the same or more number of
axle(s) than the steering axle(s)

The tridem drive axles tridrive must be on a common
suspension that equalizes the weight within
1 000 kg from adjacent axles.

TABLE I: AXLE SPREAD (Between Extreme Axle Centers)

	Single (Can include tandem)	Tandem	Tridem Steer	Tridem Drive Axles	Tridem Axles in Trailer
Straight Truck or Truck Tractor (Power unit only, including Logging Trucks)	Max. 1.0m	Min. 1.0m Max. 1.85m	Min. 2.4m Max. 3.1m	Min. 2.4m Max. 2.8m (Max. 3.1*m)	See Commercial Transport Act Regulations

*oilfield exploration bed trucks only

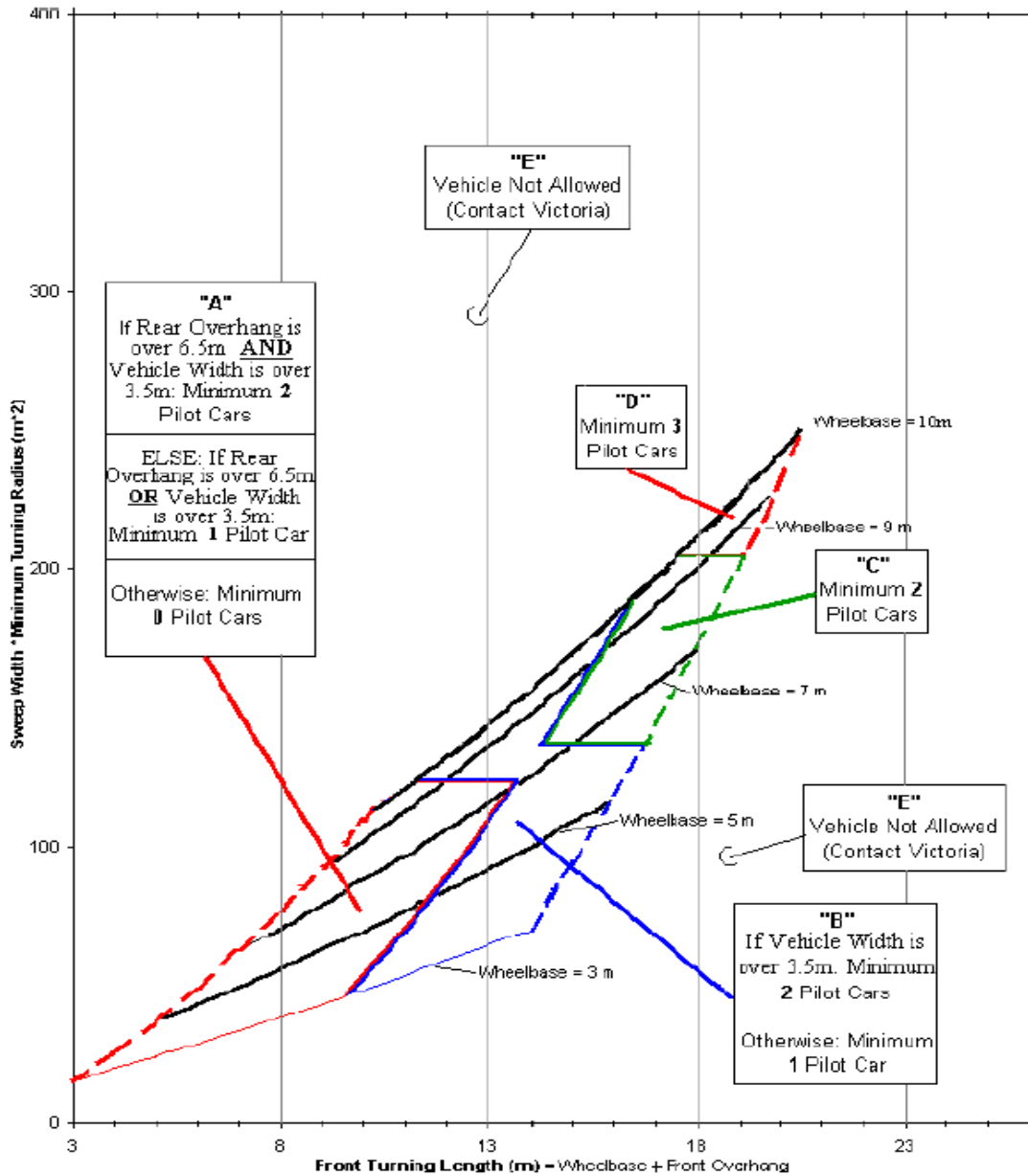
NOTES:

- All Dimensions Subject to Conditions and Restrictions Contained in Form T53/T53A.
- The Static Rollover Threshold (SRT), minimum 0.35g, must be certified by the manufacturer of the truck, or a registered Professional Engineer when the tandem steer axle group with tridem drive exceeds 15,200kg. The SRT limit also applies to all tridem steer, tridem drive trucks.
- For tandem steer tandem drive tractor with installed crane, total axle weight is limited by CTAR section 7.31 (2) TABLE 1 limit and tractor tare weight must be greater than 14 000kg.
- "Height limit exemption items", under Term Permit for
 - Service Rigs:** includes "rod basket, fall protection mounts, lighting and cords, anchor lift points, handrails, monkey board, and snow and ice build-up during winter operation"
 - Pumper Trucks:** includes "handrails, additional safety equipment, lighting and cords, mixing hoppers, and snow and ice build-up during winter operations."
- No lift or tag axle allowed, all tridem axles must be drive axles.
- Service rigs are limited to a speed not greater than 80 km/hr when it is safe (inclement weather) to drive on the highway. If inclement weather or poor road conditions are encountered, this speed must be substantially reduced.

Form T53/T53A, 03/04
Rev. 3, 2004

Fixed Equipment Oilfield Service Truck (Service Rigs)

DIAGRAM #1
For Operation Within a Municipal Boundary (Urban)



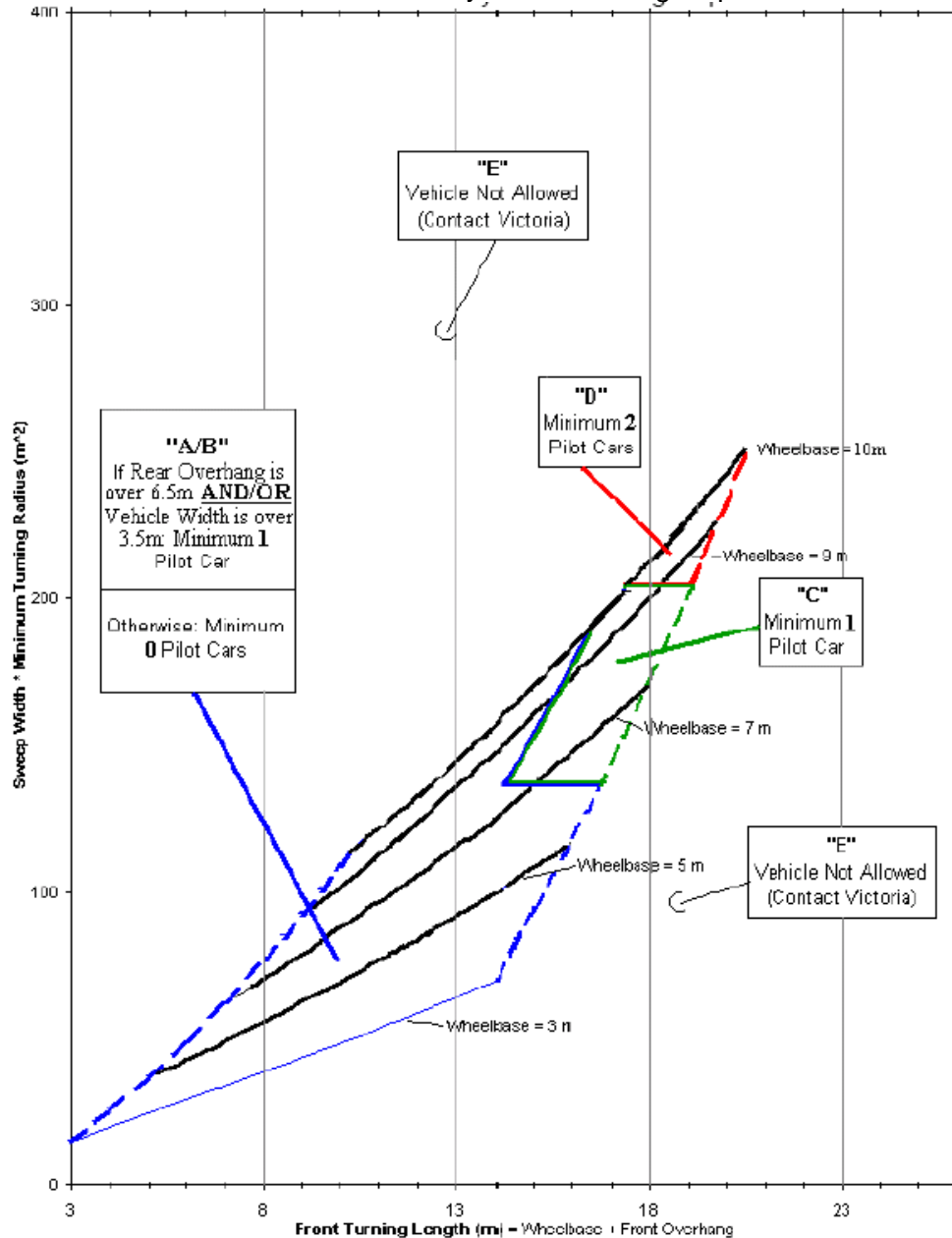
Max. Wheelbase for all trucks is 10.0 m

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Fixed Equipment Oilfield Service Truck (Service Rig)

DIAGRAM #2

For Operation Outside a Municipal Boundary
(Rural; no raised island in intersection)
or Route Authorized By Permit Issuing Inspector



Max. Wheelbase for all trucks is 10.0 m

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7. PICKER TRUCK TRACTORS

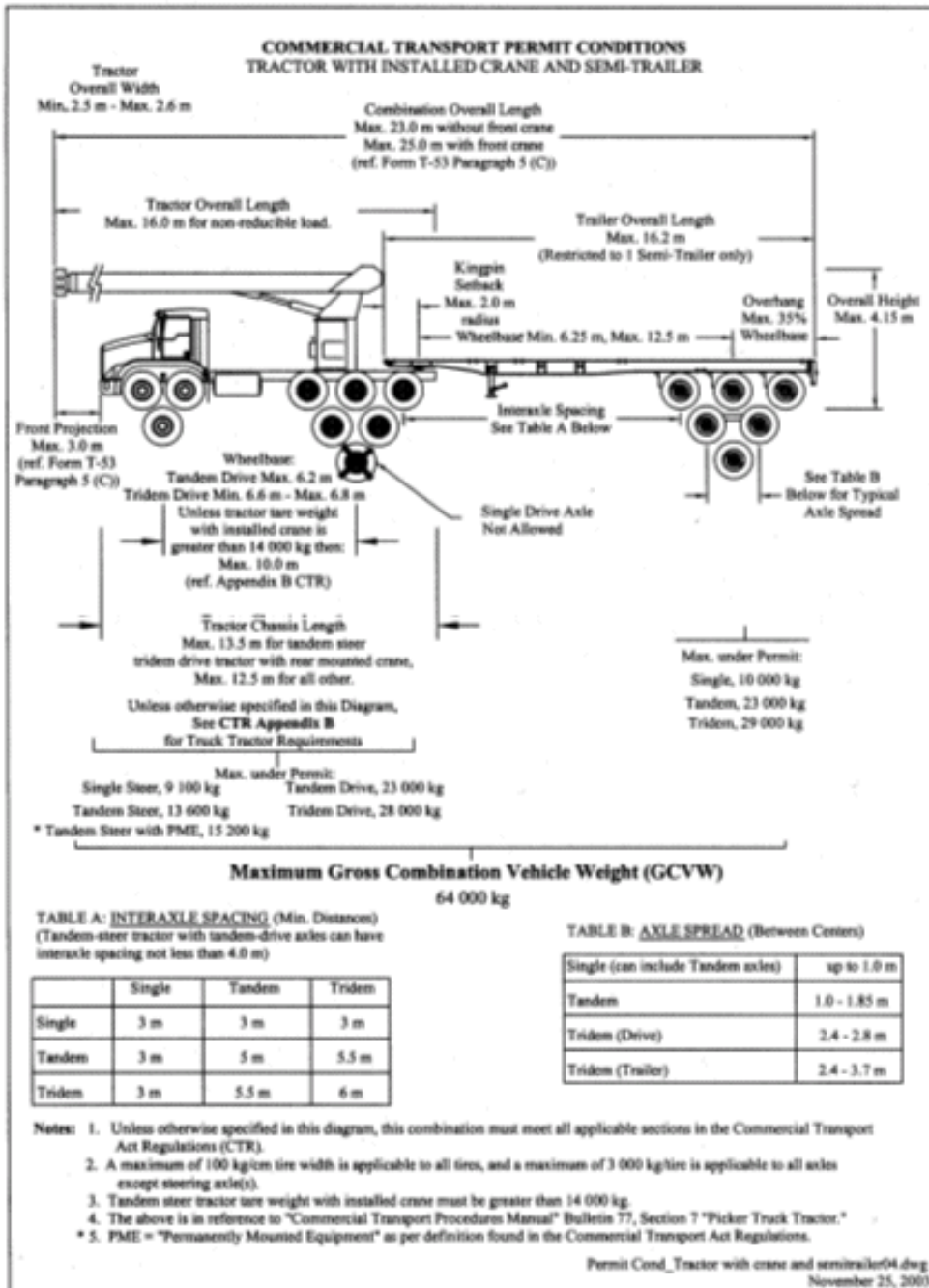
- a. Single trip or term permits may be issued for the movement of overdimensional 2, 3, 4 or 5 axle picker truck/semi-trailer combinations

B. Dimensions:

- (i) Maximum width of picker truck tractor – Legal
- (ii) Maximum length of picker truck tractor – legal length 12.5 m measured from front bumper to rear of tractor for single steer/tandem drive tractor; and 13.5 m for tandem steer/tridem drive tractor with installed crane (to accommodate the installation of outrigger).
- (iii) Maximum tractor wheelbase – 6.2 m (unless tractor tare weight with installed crane exceeds 14 000 kg, then wheelbase is allowed up to maximum 10 m (reference Appendix B CTAR)
- (iv) Front Projection of the crane – 3 metres measured from front bumper (reference Form [T-53](#) Paragraph 5(c))
- (v) Maximum semi-trailer length – Legal
- (vi) Maximum overall height – Legal
- (vii) Maximum combination length without crane – Legal
- (viii) Maximum combination length with front crane – 25 m (reference Form [T-53](#), Paragraph 5(c))

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Larger Diagram of Tractor with Installed Crane and Semi-Trailer [here](#)



C. Conditions (To be noted on Permit)

(ii) Extremities to be flagged for daylight travel, to be well lit for night travel.

D. Picker truck tractors can be used with semi-trailers according to legal weights and dimensions outlined in Appendix B & D CTAR. They can also be used with hiboys and jeeps and/or boosters under permit as outlined in [Bulletins 41](#) and [77](#), Paragraph 5 G. If picker truck tractors including those tractors allowed to have longer wheelbases are used in heavy haul lowbed semi-trailer operations then [Bulletin 24](#) permit conditions apply.

8. OVERSIZE OILFIELD SEMI-TRAILERS

a. Single trip or term permits may be issued for the highway movement of overdimensional flat deck semi-trailers in the Peace River area for the movement of oilfield equipment only.

B. Dimensions:

- (i) maximum vehicle width (not including load securement devices) – 3.2 m;
- (ii) maximum semi-trailer length – legal;
- (iii) minimum running gear width (to outside of tires) – 3.2 m;
- (iv) maximum combination length – 23 m;
- (v) maximum combination length front crane – 25 m (reference Form [T-53](#), Paragraph 4(d)).

C. Overwidth semi-trailers to be used only for the transportation of oilfield equipment, which is non-reducible in width.

D. Loaded dimensions and travel restrictions will be in accord with present policies applicable in the Peace River area.

9. OVERSIZE STINGER STEERED AUTOMOBILE TRANSPORTERS

a. Single trip or Term permits will be issued for these transporters under the special conditions outlined in the [T-49](#) Form.

b. STANDARD 5TH WHEEL MOUNT AND TAC VEHICLES

Vehicle combination must be of legal dimensions when empty, however when loaded overall height is permitted up to 4.3 m. Overall length up to 25 m is permitted when loaded up to three units per [T-53](#), Paragraph 14. One additional vehicle may be carried above the power unit if that vehicle does not create an oversize (i.e. front projection, rear projection overall length). (SEPT 02)

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10. SCRAPERS:

- a. These vehicles may be driven short distances (up to 80 km) provided the single axle weight does not exceed 23 000 kg and there are no bridges enroute.
- b. These vehicles may be transported with one axle trailing provided that axle does not exceed 14 000 kg and the tires are of sufficient width to meet the requirements of the *Commercial Transport Regulation 7.29*.
- c. No travel permitted during hazardous highway conditions.
- d. Scraper must meet braking and lighting requirements of the *Motor Vehicle Act Regulations*.
- e. For further information, refer to Item [#16 of Bulletin 6](#).
- f. Scrapers may be transported using a tandem axle dolly to support the trailing axle under the following conditions:
 - (i) tandem dolly must be equipped with brakes on all wheels;
 - (ii) tandem dolly must be securely fastened with U bolts or pinned to the tailframe of the Scraper, or secured by chains used according to Division 35 MVAR;
 - (iii) dolly axles located beyond the 23 metres length limit measured from the front of the vehicle will require oversize/overload permits;
 - (iv) maximum permitted tandem axle dolly weight is 23 000 kg;
 - (v) tridem axle dolly with an axle spread not exceeding 3.1 m may be used under conditions outlined in (i) (ii) and (iii) above to a maximum weight of 24 000 kg.

11. FIXED EQUIPMENT ON OWN AXLES OPERATING AS SEMI-TRAILERS:

(Crushers, Asphalt Plants, Storage Tanks, etc.)

- a. These units are not used for the transportation of loads but are usually transported to job sites on an infrequent basis.
- b. Single or term oversize permits and single trip overweight permit may be issued as follows: **(March 2005)**
 - i. Maximum width of semi-trailer and/or equipment = 3.8 metres
 - ii. Maximum running gear width of semi-trailer = 3.2 metres
 - iii. (Running gear width must not exceed semi-trailer width)
 - iv. Maximum wheelbase of semi-trailer = 14.25 m (See G below)

(There are some older semi-trailers (pre 1993) that have been previously been permitted prior to the introduction of this policy with wheelbases exceeding 14.25 m, track widths exceeding 3.2 m etc. The units are grandfathered and currently allowed to operate under permit).

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- Kingpin setback = 3.0 m
- Effective rear overhang = 6.5 m (measured from turn center)
- Maximum height = 4.72 m (Peace River area 5.33 m check routing for height restrictions).

Overload is permitted according to [Bulletin 24, Paragraph 1](#) and industry can utilize tridem drive tractors at weights outlined in Paragraph 1(o). These units are treated as hiboy semi-trailers and no jeeps or boosters are allowed for units manufactured after August 31, 1988 or combined with tridem axle service trailers. During seasonal road restrictions, jeeps and boosters are allowed to achieve legal axle weight. Jeeps are not allowed in combination with tridem drive tractors.

Note: Term Oversize Permits may be issued to these units to maximum dimensions outlined in [Bulletin 25, Paragraph 6A](#). Semi-trailer wheelbase must be legal.

c. PILOT CARS:

Pilot cars will be required according to our Policy [Bulletin #29](#).

d. Any units which exceed the dimensions outlined in B must be referred to Victoria.

e. Overload fees apply for the axle overload above legal weight.

f. PONY TRAILERS:

Pony trailers such as chippers and coil tubing units are also permitted to operate as fixed equipment operating on own axles according to the above conditions (A-E). Permanently equipped trucks can also be combined with these trailers.

g. COUNTER FLOW ASPHALT DRUM MIXERS:

Semi-trailer wheelbases exceeding 14.25 m are required to accommodate the new BC environmental regulations effective January 1, 1997. The maximum distance measured from the kingpin to center of last axle that we are prepared to accommodate is up to 18.3 metres. Please refer any requests to Victoria.

h. PORTABLE ASPHALT BAGHOUSE (September 1, 2004)

Semi-trailer/equipment width exceeding 3.8 metres are required to accommodate the British Columbia environmental regulations.

Single trip oversize permits may be issued as follows:

- Maximum width of semi-trailer and/or equipment = 4.26 metres
- Maximum running gear width of semi-trailer = 3.2 metres

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- Maximum wheelbase of semi-trailer – 14.25 metres

12. CONVEYORS:

These units are governed by the policy outlined in Paragraph 11 except effective rear overhang is allowed to a maximum of 9.5 metres and front projection is allowed up to a maximum of 4 m beyond the kingpin, provided pilot car requirements are met. ([Bulletin 29](#)) Permits may be issued to conveyors which have previously been permitted in B.C. to exceed track width of 3.2 metres. (These units are grandfathered). New units must comply with maximum track width 3.2 metres.

13. OFF HIGHWAY LOG TRUCKS:

These units are permitted on an occasional basis from manufacturer’s to/from customers and to/from the bush for repairs etc. Tire capacity weight may only be exceeded by a maximum of 10%

- Maximum Width = 4.4 m
- Maximum Running Gear Width = 3.2 m
- All requests to exceed these sizes must be referred to Victoria Head Office.

14. TANDEM DRIVE READY MIX CONCRETE PUMPER TRUCKS

(a) (i) (These vehicles pump the ready mix concrete through hoses from the Ready Mix Truck at the job site and related loads apply not general freight).

Dimensions:

Single trip or term oversize permits may be issued to these trucks as follows:

- Maximum overall length = 14 m
- Maximum carrier length = 12.5 m (legal length)
- Maximum front projection (measured from front bumper) = 3 m
- Maximum rear projection (measured from turn center) = 6.5 m
- Legal Width and Height

Weight:

Single trip or term overload permits may be issued to these trucks as follows:

- Maximum single drive axle (Based on tire size) = 12 000 kg
- Maximum tandem drive axle = 23 000 kg
- No overload allowed on steering axle(s). Maximum weight allowed on a single steering axle is up to 9 100 kg and on twin steer up to 17 000 kg based on tire size. If these trucks are manufactured after December 31, 1992, then they must meet TAC Truck regulations. CTAR Division 7.37 Appendix A.

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14. (a) (ii) TRIDEM DRIVE READY MIX CONCRETE PUMPER TRUCKS

a. Single steer/tridem drive pumper trucks may operate on BC highways according to weights and dimensions policy outlined in [Bulletin 24, Paragraph 1\(o\)](#)

(i) Dimensions:

Single trip or term oversize permits may be issued to these units as follows:

- Maximum overall length = 14 m
- Maximum carrier length = 12.5 m (legal length)
- Maximum front projection (Measured from front bumper) = 3 m
- Maximum rear projection (Measured from turn center) = 6.5 m
- Legal Width and Height

(ii) Weight:

Single trip or term overload permits may be issued to these trucks as follows:

- The tridem drive axles (equally spaced with a maximum suspension that equalizes the weight within 1 000 kg from adjacent axles.
- Maximum tridem drive axle = 28 000 kg
- Minimum steering axle weight must be at least 40 % of the tridem drive axle weight
- No overload allowed on steering axles.

14. (b) READY MIX CONCRETE PUMP SEMI-TRAILERS

(Truck Tractor and Semi-Trailer Combination) – These vehicles pump the ready mix concrete through hoses from the Ready Mix Truck at the job site.

Dimensions:

Single trip or term oversize permits may be issued to these trucks as follows:

- Maximum front projection = 3 m (Measured from kingpin)
- Maximum rear projection = 6.5 m (Measured from turn center)
- Legal overall length, width and height

Weight:

- Single trip or term overload permits may be issued for these units according to [Bulletin 24, Paragraph 1.](#)

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14. (c) BOOSTER AXLE FOR READY MIX CONCRETE TRUCK

9 100 kg weight can be achieved on the single axle booster for the Ready-Mix Concrete Truck provided interaxle spacing meets 3.0 metre minimum and 4 adequate size tires are used. Otherwise the booster axle and drive axle(s) must not exceed weights indicated in Table 1 of Section 7.31(2)(b). (CTAR).

15. INTERCITY BUS/PONY TRAILER

Single trip or term oversize permits may be issued to these combinations as follows:

a. CONDITIONS:

- (i) Only MCI Models 102C3, 102D3, 102DL3, D4000, D4500, G4500, Prevost Model H 345, and Le Mirage XL buses are approved for towing the prescribed trailer. Other requests must be approved by Victoria.
- (ii) Routes permitted are those prescribed in the Motor Carrier Conditions of Licence.
- (iii) This permit can be revoked at any time if operational or safety concerns arise.

b. DIMENSIONS:

- (i) Maximum overall length of combinations – 20 m
- (ii) Maximum pony trailer overall height – 2.73 m
- (iii) Minimum pony trailer wheelbase – 3.84 m

c. WEIGHT:

The maximum pony trailer gross vehicle weight (GVW) allowed is 4 500 kg.

d. REPORTING TO WEIGH SCALES:

BC licensed buses (single vehicles or combined with pony trailers) on regular scheduled routes or BC licensed charter buses will not be required to report to weigh scales unless instructed to do so by an Inspector or road check signage.

- e. Form [T-67](#) must be attached to term and single trip oversize permits.

16. OVERDIMENSIONAL TRAILERS

- a) Overdimensional trailers manufactured in B.C. which do not comply with B.C. dimensional regulations but are allowed to travel on highways in neighbouring jurisdictions; will be allowed to operate by oversize permit on B.C. highways to exit the Province or to return from another jurisdiction for warranty work only.
- b) These overdimensional trailers will be permitted up to a maximum running gear and/or trailer width of 3.65 metres.

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- c) Pilot cars will be required according to [Bulletin 29](#).
- d) These overdimensional trailers will be permitted to carry other new trailers and/or new parts from their factory to neighbouring jurisdictions; however, this provision will not be afforded for warranty work.

17. HIGHWAY MAINTENANCE CONTRACTORS

The Ministry of Transportation and Highways is amending the Maintenance Permit Agreements to include oversize vehicles during the summer period. Therefore, oversize permits will not be required. This Permit Agreement does not include additional weight exceeding legal weights during non winter servicing months while hauling asphalt, sand, gravel, etc.

18. PLOW BLADES

Operators of trucks with overwidth front or underbody plow blades who are not covered by Highway Maintenance Permit Agreement must purchase a term oversize permit.

Conditions of the term permit shall be consistent with the Highway Maintenance Permit Agreement as follows:

- (a) if the vehicle, including its plow blade attachments, has a total outside width of 3.2 metres or less, the Operator shall display red flags on each end of the front bumper of the Vehicle, in lieu of complying with Section 8.05 of the Regulations; or
- (b) if a vehicle, including its plow blade attachments, has a total outside width greater than 3.2 metres up to 5.2 metres, the Operator while performing highway maintenance services shall display red flags on each end of the front bumper of the vehicle, and mount on and display from the vehicle amber flashing or rotating lights visible from all directions and operating as safety devices, in lieu of complying with Section 8.05 of the Regulations.

19. STRAIGHT TRUCKS WITH FIXED EQUIPMENT (TUB GRINDERS, OILFIELD EQUIPMENT ETC.) (JUNE 22, 2004)

Note: This only applies to fixed equipment that is not readily reducible in width i.e.: if by turning the equipment 90 degrees, the equipment would be legal width.

- (1) These units are not used for the transportation of loads but are usually transported to job sites on an infrequent basis.
- (2) Single trip or term permits may be issued as follows:
 - Maximum running gear width = 2.60 m
 - Maximum width of the equipment = 3.50 m
 - Maximum overall height = 4.40 m

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- Maximum overall length = 12.50 m

(3) Single trip overweight permits may be issued as follows:

- Maximum steer axle weight = legal
- Maximum single axle weight = 11 000 kg
- Maximum tandem axle weight = 23 000 kg
- Maximum tridem axle weight = 28 000 kg

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