

Vehicle Categories

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1 Introduction

1.1 Purpose

This document is the reference of vehicle categories and self-declaration comment codes used for applicable applications and schemes of the National Telematics Framework.

1.2 Document History

Version	Date	Description
1.0	May 2018	Initial Release
1.01	January 2019	Addition of two new axle counts for Road Train Quad and 42m Triple Road Train (request from Main Roads WA).
1.02	July 2019	Addition of new axle count for PBS A Double (request from Main Roads WA).
1.1	April 2020	Addition of new vehicle categories: Oversize Overmass Low Loader (request from Dept. of Transport and Main Roads, Qld), PBS B Quad and Truck and B Double (requests from Transport for NSW).
1.2	July 2020	Addition of new axle counts for AB Triple and Road Train Double (request from Main Roads WA).
1.3	April 2021	Addition of new axle counts for PBS A Double (request from Main Roads WA).
1.4	August 2021	Updated to new template, and added note in Section 3 regarding vehicle categories. Added new axle counts for 60m Quad Road Train (request from Main Roads WA).
1.5	October 2022	Addition of new axle count for PBS 2A B Double (request from National Heavy Vehicle Regulator [NHVR]).
1.6	December 2023	Addition of new 16-axle count for PBS A Double (request from Main Roads WA). Minor content edit for clarity.
1.7	August 2024	To Tables 1 and 2, added new category codes for special purpose vehicles (SPV), and applicable numbers of axles of those vehicles.
1.8	December 2024	To Table 3, added new self-declaration comment codes to allow a driver to declare whether a vehicle was loaded or not loaded.
1.9	March 2026	Change of 'PBS 2A B Double' to 'PBS B Double' in Table 1 (request from National Heavy Vehicle Regulator [NHVR]). Addition of new 7-axle and 11-axle count for PBS B Double in Table 2 (request from NHVR).

2 Applications

The following National Telematics Framework applications use this document:

- Intelligent Access Program (IAP)
- Telematics Monitoring Application (TMA).

3 Vehicle Category Codes and Vehicle Categories

Table 1 identifies a unique category code for each vehicle category.

Note: For the purposes of this document, a vehicle category is separate from eligible vehicle category(s) which can be enrolled in a scheme.

Table 1 defines the vehicle categories which shall be made available by certified Application Service Providers (ASPs) for selection by the Operator and/or its nominated representative through a user interface.

Table 1: Vehicle Category Codes and Vehicle Categories

Vehicle Category Code	Vehicle Category
1	Rigid Truck
2	Prime Mover
3	Semi Trailer
4	Semi Trailer (Quad Axle Trailer)
5	B Double
6	B Double (Quad Axle Trailer)
7	B Triple
8	AB Triple
9	Road Train Double
10	Road Train Triple
11	Road Train Quad
12	PBS A Double
13	Long AB Triple
14	BAB Quad
15	AAB Quad
16	ABB Quad
17	PBS Quad Dog
18	PBS Quin Dog
19	PBS Hex Dog
20	PBS Tri Dog
21	PBS AB Double
22	PBS Bus
23	42m Triple Road Train
24	39.5m BA Triple Road Train
25	60m Quad Road Train
26	36m Oversize Road Train

Vehicle Category Code	Vehicle Category
27	PBS B Double
28	PBS 2A 3 4 Axle Truck Quin Dog
29	PBS 2A 4 Axle Twinsteer Quin Dog
30	PBS 3A 3 Axle Truck Quin Quad Dog
31	PBS 2A 4 Axle Twinsteer Quad Quad B Double
32	Modular B Triple
33	Oversize Overmass Low Loader
34	PBS B Quad
35	Truck and B Double
36	All Terrain Crane
37	All Terrain Crane with Dolly
38	Pick and Carry Crane
39	Truck Mounted Crane
40	Truck Mounted Drill Rig
41	Truck Mounted Concrete Pump
42	Prime Mover Towing Drill Rig Trailer

4 Vehicle Categories and Number of Axles

Table 2 provides the number of axles for each vehicle category.

Table 2: Vehicle Category and Number of Axles

Vehicle Category	Number of Axles
Rigid Truck	3
Rigid Truck	4
Rigid Truck	5
Rigid Truck	6
Prime Mover	N/A
Semi Trailer	4
Semi Trailer	5
Semi Trailer	6
Semi Trailer	7
Semi Trailer (Quad Axle Trailer)	7
Semi Trailer	8
B Double	4
B Double	5
B Double	6
B Double	7
B Double	8
B Double	9
B Double	10
B Double (Quad Axle Trailer)	10
B Double (Quad Axle Trailer)	11
B Double (Quad Axle Trailer)	12
B Triple	7
B Triple	8
B Triple	9
B Triple	10
B Triple	11
B Triple	12
B Triple	13
B Triple	14

Vehicle Category	Number of Axles
B Triple	15
AB Triple	10
AB Triple	11
AB Triple	12
AB Triple	13
AB Triple	14
AB Triple	15
AB Triple	16
AB Triple	17
AB Triple	19
Road Train Double	9
Road Train Double	10
Road Train Double	11
Road Train Double	12
Road Train Double	13
Road Train Double	14
Road Train Triple	12
Road Train Triple	13
Road Train Triple	14
Road Train Triple	15
Road Train Triple	16
Road Train Triple	17
Road Train Triple	18
Road Train Triple	19
Road Train Triple	20
Road Train Quad	15
Road Train Quad	17
Road Train Quad	18
Road Train Quad	19
Road Train Quad	20
Road Train Quad	21
Road Train Quad	22
Road Train Quad	23

Vehicle Category	Number of Axles
PBS A Double	7
PBS A Double	8
PBS A Double	9
PBS A Double	10
PBS A Double	11
PBS A Double	12
PBS A Double	13
PBS A Double	15
PBS A Double	16
Long AB Triple	11
Long AB Triple	12
Long AB Triple	13
Long AB Triple	14
Long AB Triple	15
Long AB Triple	16
BAB Quad	13
BAB Quad	14
BAB Quad	15
BAB Quad	16
BAB Quad	17
BAB Quad	18
BAB Quad	19
AAB Quad	15
AAB Quad	16
AAB Quad	17
AAB Quad	18
AAB Quad	19
AAB Quad	20
AAB Quad	21
AAB Quad	22
ABB Quad	17
ABB Quad	18
ABB Quad	19

Vehicle Category	Number of Axles
ABB Quad	20
PBS Quad Dog	7
PBS Quad Dog	8
PBS Quin Dog	8
PBS Quin Dog	9
PBS Hex Dog	9
PBS Hex Dog	10
PBS Tri Dog	6
PBS Tri Dog	7
PBS AB Double	7
PBS Bus	2
PBS Bus	3
42m Triple Road Train	19
42m Triple Road Train	20
39.5m BA Triple Road Train	14
60m Quad Road Train	25
60m Quad Road Train	26
60m Quad Road Train	28
60m Quad Road Train	29
36m Oversize Road Train	15
PBS B Double	7
PBS B Double	8
PBS B Double	9
PBS B Double	10
PBS B Double	11
PBS 2A 3 4 Axle Truck Quin Dog	9
PBS 2A 4 Axle Twinsteer Quin Dog	9
PBS 3A 3 Axle Truck Quin Quad Dog	12
PBS 2A 4 Axle Twinsteer Quad Quad B Double	12
Modular B Triple	12
Oversize Overmass Low Loader	7
Oversize Overmass Low Loader	9

Vehicle Category	Number of Axles
PBS B Quad	7
PBS B Quad	8
PBS B Quad	9
PBS B Quad	10
PBS B Quad	11
PBS B Quad	12
PBS B Quad	13
PBS B Quad	14
PBS B Quad	15
PBS B Quad	16
PBS B Quad	17
PBS B Quad	18
PBS B Quad	19
PBS B Quad	20
Truck and B Double	6
Truck and B Double	7
Truck and B Double	8
Truck and B Double	9
Truck and B Double	10
Truck and B Double	11
Truck and B Double	12
Truck and B Double	13
Truck and B Double	14
Truck and B Double	15
All Terrain Crane	3
All Terrain Crane	4
All Terrain Crane	5
All Terrain Crane	6
All Terrain Crane with Dolly	5
All Terrain Crane with Dolly	6
All Terrain Crane with Dolly	7
All Terrain Crane with Dolly	8
All Terrain Crane with Dolly	9

Vehicle Category	Number of Axles
Pick and Carry Crane	2
Truck Mounted Crane	2
Truck Mounted Crane	3
Truck Mounted Drill Rig	4
Truck Mounted Concrete Pump	4
Prime Mover Towing Drill Rig Trailer	6

5 Self-Declaration Comment Codes

Table 3 provides comment name options for self-declaration comment codes.

Table 3: Self-Declaration Comment Codes

Comment Code	Comment Name
1	Road Closure
2	Redirection by Authorised Officer
3	Operation Under Special Permit
4	Other
5	Operation with Load
6	Operation with No Load



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