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The New South Wales Government Gazette is the permanent public record of official NSW Government notices. It also contains local council, private and other notices.

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GOVERNMENT NOTICES

Roads and Maritime Notices

ERRATUM

ROAD TRANSPORT ACT 2013

Ministerial (Automated Vehicle Trial – Smart Shuttle Sydney Olympic Park) Order 2018

The Order that appeared in the New South Wales Government Gazette No 26 of 9 March 2018 under the above title at page 1471 (unique identifier n2018-773) referred to a map titled “Sydney Olympic Park Designation of Roads” in Schedule 1 to the Order. The map was omitted from the Order. The Order with the map at Schedule 1 is published below to correct that that omission.

ROAD TRANSPORT ACT 2013

Ministerial (Automated Vehicle Trial – Smart Shuttle Sydney Olympic Park) Order 2018

I, Melinda Pavey, Minister for Roads, Maritime and Freight:

- (a) Pursuant to Section 148N(2) of the *Road Transport Act 2013*, approve the use of the trial vehicle by the approved person in the manner and circumstances specified in this Order; and
- (b) Pursuant to Section 148N(5) of the *Road Transport Act 2013* set out conditions of the trial approval; and
- (c) Pursuant to Section 19 of the *Road Transport Act 2013*, exempt from the road transport legislation the persons specified and in the circumstances specified in this Order.

Melinda Pavey
Minister for Roads, Maritime and Freight

Dated this 6th day of March 2018

Part 1 – Administrative

1 Citation

This Order is the *Ministerial (Automated Vehicle Trial – Smart Shuttle Sydney Olympic Park) Order 2018*

2 Commencement

This Order takes effect from the date of its publication in the NSW Government Gazette.

3 Effect

This Order remains in effect until 1 July 2019 unless revoked earlier.

4 Interpretation

Words and expressions used in this Order have the same meaning as in road transport legislation, unless otherwise stated.

5 Definitions

In this Order:

trial safety and traffic management plan means the documents developed in consultation between the approved person, Transport for NSW and Roads

and Maritime Services, however identified, which describe the safety and traffic management arrangements for the conduct of the trial.

Sydney Olympic Park major event bus service means any bus operating on routes 1A, 1B, 2, 4, 5A, 5B, 6, 7, and 8 to and from Sydney Olympic Park.

Part 2 – Approval details

6 Trial vehicle

The trial vehicle is a Navya Arma Shuttle with Vehicle Identification Number: VG9A3CB3DHB019025.

7 Approved person

The approved person is HMI Technologies Pty Ltd – ACN: 155 249 031.

8 Responsibility for vehicle

8.1 A vehicle supervisor must be in the vehicle at all times when the vehicle is in use and must hold as a minimum a current Australian driver licence Class C.

8.2 The **driver** of the vehicle is:

- (a) the vehicle supervisor when the vehicle is not in automated mode; or
- (b) if the vehicle is in automated mode, the approved person.

8.3 The **person in charge** of the vehicle in all modes of operation is both:

- (a) the vehicle supervisor; and
- (b) the approved person.

9 Road Transport Legislation exemption

9.1 Passengers in the trial vehicle 16 years old or older are not required to comply with rule 265 of the Road Rules 2014 provided each passenger otherwise complies with rule 267(6–1) even though the trial vehicle is not a public bus.

9.2 A vehicle supervisor is exempt from rules 264, 265(3), 266 and 299 (1) of the Road Rules 2014.

9.3 A vehicle supervisor is not required to comply with rule 100 of the Road Rules 2014 in order to enter the “Holker Busway” at Sydney Olympic Park between Kevin Coombes Avenue and Hill Road when a Sydney Olympic Park major event bus service is not operating.

9.4 A vehicle supervisor is not required to comply with rule 154 of the Road Rules 2014 when travelling on Holker Street between Jamieson Street and Hill Road or Kevin Coombes Avenue when a Sydney Olympic Park major event bus service is not operating.

Note: Clause 9 of the Order has effect pursuant to Road Transport Act 2013 section 19 – Power of Minister to exclude vehicles, persons or animals. The clause exempts standing passengers in the trial vehicle from the Road Rules 2014 requirement to wear a seat belt; exempts young passengers from the requirement to use a booster seat; exempts the vehicle supervisor from wearing a seatbelt; exempts the vehicle supervisor by ensuring seatbelt rules are complied with by passengers; exempts the driver from the requirement of driving with a VDU

operating; allows the vehicle to travel in a bus lane; and to enter the Holker Busway by passing a no entry sign.

Part 3 – Operating conditions

Note: The Minister may under Part 5.6 of the *Road Transport Act 2013* impose conditions on a trial approval and the manner and circumstances in which the trial is to be conducted (in addition to the statutory conditions imposed by that Act).

10 Vehicle standards and performance

- 10.1 The vehicle must be suitable for safe use and in a thoroughly serviceable condition.
- 10.2 The trial vehicle is to be registered subject to the following conditions:
 - (a) L03 – The trial vehicle may be operated only within the trial area as stated in clause 11 of this Order;
 - (b) SL5 – Slow vehicle sign;and the Authority is directed to register the trial vehicle accordingly.

11 Trial area

- 11.1 The trial vehicle must only be operated or used on road or road related areas marked red, blue and green as shown on the map titled “Sydney Olympic Park Designation of Roads” in Schedule 1 to this Order (the **trial area**).
- 11.2 The trial will be conducted in stages and will progress from one stage to the next only when Transport for NSW is satisfied the trial vehicle has been assessed as capable of operating in accordance with the trial safety and traffic management plan as applicable for each stage of the trial.
- 11.3 The trial vehicle is approved to operate in the following areas:
 - (a) Stage 1 – Newington Armory: Sealed road, closed to the public during the operation of the trial vehicle.
Stage 2 – a loop of approximately one kilometre along Olympic Boulevard, between Kevin Coombs Avenue and Dawn Fraser Avenue.
- 11.4 The trial vehicle may, when at Stage 2, operate on roads within the trial area for the purpose of mapping, testing and verifying of data for the purpose of further trial stage but only in accordance with a Traffic Control Plan approved by Transport for NSW.

12 Passengers

- 12.1 Passengers less than one year of age are not permitted to ride in the trial vehicle.
- 12.2 Passengers one year old or older but less than seven years old may ride in the vehicle only when:
 - (a) the trial vehicle is operated on a closed public road;
 - (b) the maximum speed of the trial vehicle travels no more than 20 km/h;
 - (c) the trial vehicle is limited to accelerating with a force less than 0.52g (Note: whether the direction the force is applied is positive or negative, it must be less than 0.52g);
 - (d) the passenger occupies a rearward facing seating position fitted with a

- seat belt and is wearing the seat belt;
 - (e) the vehicle supervisor is in the trial vehicle; and
 - (f) the passenger is accompanied by a supervising passenger who is over the age of 16, and is not the vehicle supervisor.
- 12.3 Passengers seven years old or older but less than 16 years old:
- (a) must occupy a seating position and wear a seatbelt; and
 - (b) are not permitted to ride in the trial vehicle as a standing passenger.
- 12.4 No more than 14 persons, including the vehicle supervisor, are allowed to ride in the trial vehicle.

13 Promotional and display activities

For the purpose of any promotion or display, the trial vehicle may:

- (a) stand on any road or road related area in accordance with any applicable prescribed traffic control devices; and
- (b) be operated outside the trial area to load or unload the trial vehicle from another vehicle.

Note: clause 13 of the Order has effect pursuant to Road Transport Act 2013 section 19 – Power of Minister to exclude vehicles, persons or animals.

14 Trial Safety and traffic management plans

- 14.1 The trial vehicle must be used and operated in accordance with the trial safety and traffic management plan.
- 14.2 The trial safety and traffic management plan must include a general risk analysis (identifying, assessing hazards and controlling risks) including the matters listed in paragraph 5.2 of the *Guidelines for trials of automated vehicles in Australia* published by Austroads and the National Transport Commission in 2017.

15 Operating reports

- 15.1 **Notification obligations** – the approved person must notify and submit a report to Transport for NSW for each incident of the following types of incidents within the stated time period from the relevant incident:

Incident type	Verbal notification	Written notification
Injury – a fatality or injury to any person including any incident which must be reported to SafeWork New South Wales and NSW Police Force.	10 minutes	6 hours
Collision – any uncontrolled or unplanned contact between the trial vehicle and another road user or object.	10 minutes	6 hours
Any other notifiable incident under the <i>Work Health and Safety Act 2011</i> .	10 minutes	24 hours

Incident type	Verbal notification	Written notification
Vehicle supervisor <i>intervention</i> to exert any control over the trial vehicle when it is operating in automated mode.	24 hours	24 hours
Road Rules contraventions – contraventions of NSW Road Rules 2014 by the vehicle supervisor and/or approved person when operating the trial vehicle, whether or not an offence is committed.	6 hours	24 hours
Near-misses involving the trial vehicle.	6 hours	24 hrs
Security breach – any event involving unplanned or unauthorised access to or control of the trial vehicle by any person other than the vehicle supervisor or approved person.	6 hours	24 hours
Any verbal or written complaints about the performance or operation of the vehicle to the vehicle supervisor or approved person.	24 hours	24 hrs

15.2 **Notification details** – the approved person must include the following information in each incident notification:

- (a) time;
- (b) date;
- (c) location;
- (d) automation status (for example, automated system, vehicle supervisor, transitioning, etc);
- (e) driver and person in charge of the vehicle at the time of the incident;
- (f) number of passengers, seating position and use of restraints by each passenger and age of each passenger;
- (g) traffic conditions (for example, empty road, in heavy traffic, etc);
- (h) road and weather conditions;
- (i) vehicle information (for example vehicle speed, brake/throttle applications, vehicle fault condition description, etc);
- (j) sensor information in relation to other road users and the surrounding road environment;
- (k) description of reported incident and
- (l) classification of the incident type as determined in consultation with TfNSW.

16 Security breach reporting to NSW Police Force

- 16.1 Any event involving unplanned or unauthorised access to or control of the trial vehicle by any person other than the vehicle supervisor or approved person must be reported to NSW Police Force upon detection of the breach.

17 Research and assurance reporting

The approved person must provide reports as agreed with TfNSW and RMS.

Explanatory Note

This Order authorises the approved person to conduct a trial of the specified automated vehicle. This Order approves HMI Technologies Pty Ltd to conduct a trial of a Navya Arma highly automated shuttle in the precincts of Sydney Olympic Park at Homebush in the State of NSW.

The road transport legislation and all other laws apply during the course of the trial except as provided in this Order.

SCHEDULE 1



[n2018-863]