

MEDIA RELEASE

18 FEBRUARY 2019

HILL DESCENT MONITORING (HDM) APPLICATION TO ADVANCE PRODUCTIVITY AND SAFETY IN WESTERN AUSTRALIA

Transport Certification Australia (TCA) has announced details of how the new Hill Descent Monitoring (HDM) application will be used in Western Australia.

The HDM application was introduced as a new safety application by TCA through the [National Telematics Framework](#) in [December 2018](#).

The new application monitors heavy vehicle speed on long or steep descents, as well as identifying if a vehicle has stopped before descending a hill (to indicate if drivers have performed brake safety checks and engaged low gear).

Main Roads WA is using the HDM application to trial the operation of Category 7 (A) AB-Triple combinations travelling down Roelands Hill on the Coalfields Highway.

The HDM application will allow Main Roads WA to confirm that vehicles participating in the trial have stopped in the bay at the top of Roelands Hill to check brakes, engage low gear, and not exceed a speed of 40km/h when descending Roelands Hill.

Significantly, Main Roads WA will extend the approved network for Category 7 (A) AB-Triple combinations participating in the trial from the section of Coalfields Highway already approved (to the South Western Highway) – as shown over the page.

These extended access arrangements along the Coalfields Highway – between the Rest Area - Road Train Assembly Area and the South Western Highway – will open up access for vehicles travelling through to Bunbury without the need to break down.

To participate in the trial, vehicles must be:

- Installed with a type-approved telematics In-Vehicle Unit (IVU) which can support the HDM application
- Enrolled in the HDM application through a Certified Service Provider.

The use of the HDM application by Main Roads WA demonstrates how advancements to productivity and safety can be realised – offering benefits to road managers, regulators and the transport sector.

It allows for new, innovative approaches to be adopted to manage the safe operation of heavy vehicles traversing long or steep descents.

The availability of the HDM application follows the [approved business case](#) presented to the Transport and Infrastructure Council (TIC) in November 2018, which included new applications and features to the National Telematics Framework.

Further information on the trial can be obtained from the [Main Roads WA website](#), or by contacting the Heavy Vehicle Helpdesk on 138 486 or by email on hvs@mainroads.wa.gov.au.

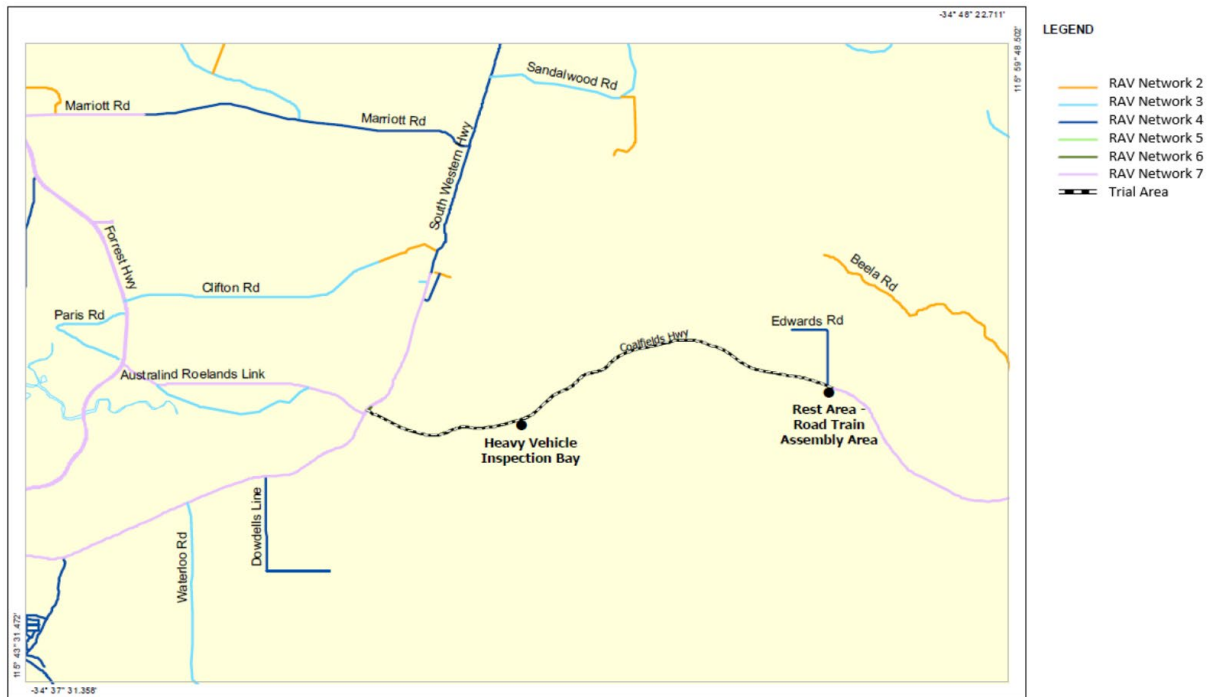
For providers and consumers seeking information about the HDM application, TCA can be contacted by phone on (03) 8601 4600 or by email on tca@tca.gov.au.

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CATEGORY 7 (A) AB-TRIPLE COMBINATIONS TRAVELLING DOWN ROELANDS HILL ON THE COALFIELDS HIGHWAY

MAP OF TRIAL AREA USING THE HDM APPLICATION



Source: Main Roads WA

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