

## Vehicle Dimensions & Mass (VDM) Rule Amendment 2010 Implementation

### Planning for High Productivity Motor Vehicles: Update

Presentation to the RCA Forum: 27 May 2011



New Zealand Government

## Purpose

- Progress report since last update to the October 2010
- RCA Forum

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## HPMV permitting to date: at-a-glance

As at 1 May 2011:

NZTA has:

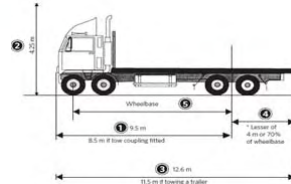
- Received 1056 applications
- Approved 380 O/L permits
- Approved 152 O/W permits

We are:

- Processing 225 applications

Most applications for moving:

- General freight (37%)
- Timber (27%)
- Containers (9%)

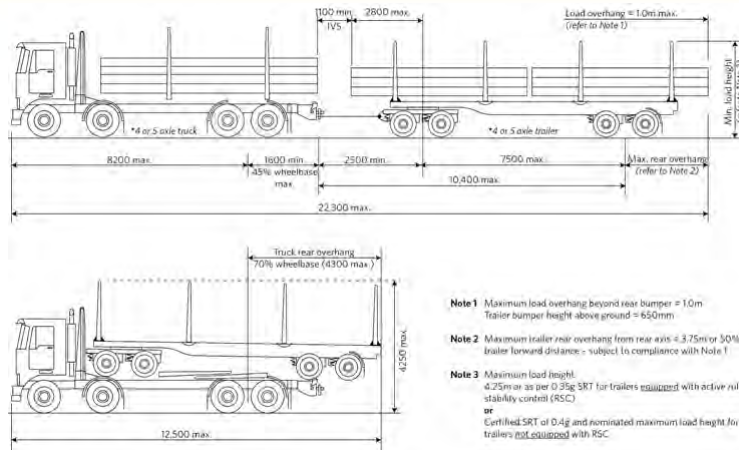


## Over-length: Proforma HPMVs

- Pro-forma vehicles meet “Performance Based Standards”
- Designed by industry, approved by NZTA
- Several vehicle combinations approved
- Low speed tracking based on that of a quad-semi
- General access at general mass limits, but will not fit everywhere
- No expiry date
- The majority of OL HPMV permits issued to date are pro-forma.
- Likely to become ‘as of right’ in time.
- Here are two examples.....

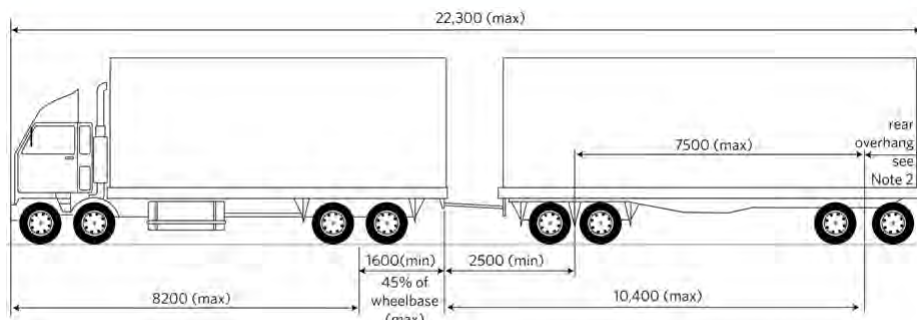


## Over-length: Log truck pro-forma HPMV



## Over-length: Truck & full-trailer proforma

### 22.3m Truck & full-trailer



For more information go to: <http://www.nzta.govt.nz/vehicle/your/over/hpmv-proforma.html>

## Over-length: Longer HPMV combinations?

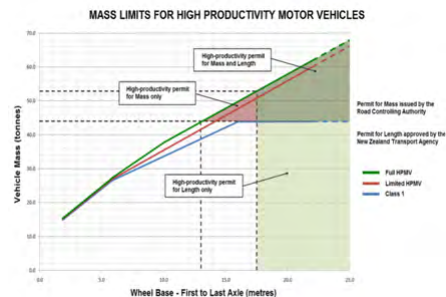
- For combination length greater than 22.3m a route specific permit is required
- These will require NZTA & local council approval (including for State highway only travel through territorial authorities)



## Axle Weight Flexibility (AWF)

- Until now individual axle mass added to the permitted gross (on higher mass HPMV permits)
- No flexibility on loading
- Resulted in risk of fines even when the combination is below the permitted gross

- NZTA has developed options to offer flexibility, which we will roll out soon...



## Axle Weight Flexibility (AWF) cont...

- Providing flexibility on axles will require a trade-off with gross weight
  - Class 1 axle flexibility - up to 7% less
  - HPMV axle flexibility - up to 12% less
- Information is being prepared to assist with applications, estimated roll-out mid June 2011
- NZTA wants to ensure RCAs are up to speed with proposed changes: How can we assist?
- Can we host regional workshops?

## HPMV Route information for State Highways

NZTA has released HPMV maps to show capability of the State highway network

Maps show (depending on vehicle configuration):

- **Black routes** – capability of limited HPMV travel and up to possibly full HPMV.
- **Blue routes** – these indicate the capability of greater than class 1 but less than limited HPMV.
- **Bridges (marked with a red cross)** have capacity of at least class 1, but less than limited HPMV
- **Remaining bridges (marked with a green truck)** have capacity of limited HPMV, but less than full HPMV

All maps and other information can be found on our website:

[www.nzta.govt.nz/vehicle/your/over/hpmv.html](http://www.nzta.govt.nz/vehicle/your/over/hpmv.html)



## Monitoring Evaluation and Review of the Vehicle Dimension and Mass Rule Amendment 2010

- NZTA & the Ministry of Transport are reviewing the impact of the Rule amendment implementation
- The review will help the NZTA to improve our implementation.
- Review focuses on four areas:
  1. Economic benefits realised
  2. Operator experience, vehicles & permitting of HPMVs.
  3. RCA experience
  4. Impact of HPMVs on infrastructure

- A web-based survey is underway now for selection of key stakeholders (including RCAs).
- Please make sure you take the time to fill it out.



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## Identifying HPMV Investment Opportunities

### Delivering HPMV routes a priority in the NZTA 2010-13 Statement of Intent

- o NZTA working with local & regional councils to identify routes for HPMV capability using demand information from industry.
- o Low cost projects that offer a high return will be included in the NLTP & prioritised against other priority projects.
- o HPMV projects on local roads are subject to local & regional planning processes.

Vehicle Dimensions and Mass Rule Amendment 2010

Funding and investment guidelines



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## Questions?

