

Friday 2 December 2011

TRANSPORT CERTIFICATION AUSTRALIA (TCA) AND QUEENSLAND DEPARTMENT OF TRANSPORT AND MAIN ROADS (TMR) WIN THE ITS AUSTRALIA, 2011 NATIONAL ITS EXCELLENCE AWARD

Transport Certification Australia Limited (TCA) and the Queensland Department of Transport and Main Roads (TMR), were last night jointly awarded the prestigious 2011 ITS Australia, National ITS Excellence Award in recognition of the TCA National Telematics Framework and the application of the IAP in the Toowoomba to Port of Brisbane corridor.

Mr Chris Koniditsiotis, TCA CEO thanked ITS Australia for its tireless work in promoting the use of ITS technology as an enabler to deliver safer, more efficient and environmentally sustainable transport solutions.

'The ITS Australia Awards provide an important opportunity to convey to the broader community the enormous potential of Intelligent Transport Systems (ITS).'

'It is encouraging to see so many of Australia's ITS leaders, whether from government or industry, come together to participate in the ITS Australia Awards.'

'Central to the joint award submission from TCA and TMR was the importance of governments and industry working collaboratively to deliver interoperable ITS systems capable to unlock the full productivity, environmental and safety benefits that can be enabled through ITS. It also needs to be acknowledged that this would not have been achieved without the great work undertaken by TMR to access and approve the route and PBS 2B combinations.'

'When the IAP was developed, it was an ITS world first, so we had to also build from scratch an architecture or framework in which to house it. Called the TCA National Telematics Framework, we developed an architecture that was adaptable and could evolve to meet the changing needs of society and advances in technology.'

'Facilitating the monitoring of route compliance, speed, time and mass, the operation of IAP alongside On-Board Mass monitoring for PBS 2B vehicles on the Toowoomba to Port of Brisbane corridor is a demonstration that the TCA National Telematics Framework is operationally versatile and technology agnostic.'

On the Port of Brisbane to Toowoomba corridor, transport operators can now carry up to two 40 foot containers on a PBS 2B vehicle up to 79 tonnes gross combination mass (GCM) whereas previously they could only operate on a single combination.

Some transport operators have reported productivity gains of up to 100% for the carting of grain, reduction in truck trips by 50% and a saving in fuel use of up to 40%. Early modelling showed that a transport operator would have needed to make 4,800 trips along the corridor to carry 120,000 tonnes per annum. With a PBS 2B vehicle those trips could be slashed in half. These savings would not have been possible without the deployment of the IAP and On-Board Mass monitoring across this particular PBS 2B fleet.

Considering that a round trip from Toowoomba to the Port of Brisbane is around 260 km, early modelling shows PBS 2B results in a reduction of up to 624,000 truck kilometres, an estimated saving of approximately 230,000 litres of fuel and reducing greenhouse gas emissions by around 490 tonnes or 40%.

Improved access for PBS 2B vehicles on the Toowoomba to Port of Brisbane corridor was possible only because of assurance provided to asset managers through IAP and On-Board Mass monitoring for route compliance and mass.

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