

RISSB product for prioritisation

Primary information			
Type of product being suggested:	Register		
Title of product being suggested:	National Vehicle Register		
Date of suggestion:	February 2014, February 2017 and February 2018		
Reason for suggestion:	<p>Presently there is no single data source in which rail vehicles, including road rail vehicles, are listed for infrastructure managers and, potentially ONRSR, to use. This results in information gaps and an administrative burden associated with providing similar information about vehicles to different parties.</p> <p>A vehicle register presents an opportunity to standardise vehicle registration and identification processes, reduce information gaps and facilitate information sharing for operational and safety purposes.</p>		
Railway discipline area:	Rolling Stock		
Scope:			
<p>Create a single national vehicle register for the rail industry using an electronic, single point, vehicle registration system and corresponding standard vehicle identification system and AEI tag coding.</p> <p>A National Vehicle Register shall be a single point registration system for all subscribing infrastructure managers. It will be a single point data source for rolling stock operators and infrastructure managers for rolling stock data including drawings, dimensions, masses, bogie, bearing and wheel details, and registration approvals. The Vehicle register will simplify the registering process for rolling stock operators that operate on multiple networks, simplify compliance to AS 7503, provide a single and accurate data source for wayside monitoring equipment, infrastructure managers and rolling stock operators.</p> <p>Associated with the register, and included in the project is an update to the wagon classification section and AEI tag coding sections of AS 7503 to simplify and ensure greater compliance to this standard.</p>			
Objective:			
<p>The objective of a national vehicle register is to provide transparency about rolling stock being used on Australia's rail infrastructure. Such transparency will reduce the administrative burden associated with the provision of information about rolling stock in multiple formats and to multiple parties. It will also improve infrastructure managers' ability to identify vehicles with safety concerns.</p>			
Hazard identification: <i>(what safety hazards would the proposed document seek to address)</i>			
1	5.52 Unable to determine cause of rolling stock incident	6	
2	5.53 Inadequate vehicle assessment	7	
3		8	
4		9	
5		10	

Benefits:
<u>Safety</u>
The register may deliver safety benefits in relation to asset lifecycle management, creating transparency in relation to rolling stock that moves between operators.
<u>Interoperabilityⁱ / harmonisationⁱⁱ</u>
Remove possibility of a wagon or vehicle classification being on more than one vehicle Single point of registration for all RIMs on DIRN and other track Single data set for wayside monitoring device interrogation (potential for these devices to flag when unregistered vehicle on system) Improve compliance to AS 7503.
<u>Financial</u>
Reduce registration process burden.
<u>Environmental</u>
The register may be of use in relation to the natural environment if it records whether vehicles have been used to transport dangerous goods.
Impacts:
N/A

i Interoperability - the ability of a process, system or a product to work with other process, systems or products (aka compatible systems through managed interfaces).

ii Harmonisation - the act of bringing into agreement so as to work effectively together (aka uniformity of systems).