

News from Rail Systems

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Vectron receives homologation for Germany

On Dec 21, 2012, the German Federal Railway Authority granted the first homologation for a Vectron locomotive – the AC version with a rated power of 6.4 megawatts, designed for a top speed of 200 km/h. This version is the first from the Vectron platform to receive homologation.

A distinguishing feature of the Vectron platform is the compatibility of certain elements of other vehicle versions with the homologated locomotive. For an AC or multi-system locomotive, other customer-specific versions can be certified through a delta review based on the first prototype that has now been granted homologation. In order to qualify for national homologation, the Vectron required successful Europe-wide certification in compliance with the valid Technical Specifications for Interoperability (TSI). This EU certificate reduces the required extent of national testing within EU states.

The Vectron's national homologation was performed within the framework of the cross-acceptance procedure, which is based on an agreement between Germany, Austria, Switzerland, Italy and the Netherlands. The task of confirming compliance was divided among the five national authorities. Thanks to this approach, cross-acceptance certificates are now available which will be used for further homologations in the other countries. This parallel approach to homologation across the five countries makes optimum use of the time required for the processes in each country.

Vectron locomotives have already received homologations for Poland, Sweden and Romania.

Photos available at:

<http://www.siemens.com/railsystems-pictures/Vectron>

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Europe's first locomotive platform certified in accordance with the TSI for high speed rolling stock

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Can be deployed in freight, regional and intercity service

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Railpool receives first Vectron locomotive

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Test runs in Scandinavia

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