

Genoa, 4 December 2008

## **Ansaldo STS wins EUR 103 million contract to deliver Driverless Train System in Australia**

- **World's first introduction of automatic train technology to large scale heavy haul operations**
  - **Contract awarded by Rio Tinto**
  - **To be gradually implemented by 2012**

Ansaldo STS (STS.MI) has been awarded a contract to automate much of Rio Tinto's 1,300 km iron ore railway in the Pilbara region of Western Australia.

The Automatic Train Operation project is worth EUR 103 million to Ansaldo STS, and is the first time driverless technology has been used in such a large-scale heavy haul railway operation.

When completed the driverless rail network will enable Rio Tinto to increase the efficiency of its iron ore network, while ensuring its continued safety and reliability.

The five key areas of work involved in the project are:

- Upgrade of the existing wayside signalling and asset protection equipment
- Design and installation of a Wide Area Data Network communications system
- Development and design of interface software for locomotive control systems and the driving strategy system
- Installation of upgraded onboard locomotive equipment
- Modification to the existing train control facility to incorporate automatic train operation.

This is the third and final phase of the highly specialised ATO project that Ansaldo STS has been working on with Rio Tinto in these years.

**PRESS RELEASE**



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