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New Safety Management Intelligence System goes live on 5 December

The rail industry is set to benefit from a completely new on-line safety reporting system, capable of marshalling far greater amounts of incident data, analysis and business intelligence.

The RSSB-led programme 'SMIS+' will see the new, fresh and intuitive Safety Management Intelligence System go live on 5 December, and marks the first step in replacing increasingly outmoded technology for industry's risk and reporting systems.

This includes the existing management system known as 'SMIS', which was first set up in 1997 and has served the industry well, but where the 1990s technology used no longer offers the potential sought after by rail companies in order for them to make the next step change in health and safety risk control.

SMIS is the rail industry's national database for recording safety-related incidents that occur on the national mainline rail network in Britain, managed by RSSB which supports the collection, analysis and sharing of information. Organisations such as Network Rail, the train and freight operators enter about 75,000 events into SMIS each year, and now industry wants to seize the opportunity to exploit more modern IT to transform it into a completely new cloud-based enterprise system.

The new Safety Management Intelligence System will enable companies more freedom to create their own safety intelligence reports, using a far more contemporary and user friendly interface both to input and analyse the data, meaning they can carry on accessing high quality business intelligence to support safety decision making.

Rail firms will also benefit from updated risk-based data sets, basically capturing and structuring the 'shopping list' of information rail companies need in order to do their analysis, and reflecting the way the railways have changed in the last 20 years, including the roll-out of new traffic management systems like ERTMS.

RSSB's Director of System Safety, George Bearfield said: *"Britain's railways are among the safest and most intensively used in the world, built on a mature approach to health and safety, and evidence-based decisions grounded in high quality data. But the systems we've relied on thus far, won't take us any further."*



“Industry wants to exploit new technology to better understand and improve health, wellbeing and safety even further. The Safety Management Intelligence System is a completely new product, representing a transformation in safety intelligence capability to the rail industry, and on 5 December will go live to replace the old SMIS system.”

“This is the first step in developing an integrated safety intelligence platform and enterprise management system, upgrading and replacing older systems and databases. This demonstrates the industry’s strong commitment to working together to enhance our understanding of health and safety risk, and continually improve safety management.”

RSSB is now working with its members to get ready for Phase 1, supporting a smooth transition from the 'old' SMIS, and ensuring people have the right opportunity for testing and training on the new Safety Management Intelligence System.

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Notes to Editors:

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About RSSB

Through research, analysis, and insight RSSB supports our members and stakeholders to deliver a safer, more efficient and sustainable rail system.

Our vision is to be a centre of excellence, valued by its members and stakeholders as an essential contributor to their success

Our independent evidence based approach is built on strong technical capability, and the enabling of collaborative industry engagement for the benefit of the whole rail system

Our strategic priorities are to support:

- Healthy and safe collaboration and inform industry decisions to reduce risk and harm
- Enhanced performance and efficiency updating standards, modernising systems, informing and enabling innovation
- The application of sustainability principles by collating and sharing tools and best practice

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