





## Programme Control Board

	<p>Stephen has been in the Railway Industry since 1979 having started his career with British Railways Board at Derby. Stephen spend a considerable time in rolling stock design working on all sectors of the business from InterCity to Freight. He followed this with time on the Maintenance Policy Team before moving to front line roles with InterCity East Coast at Bounds Green and York.</p> <p>Stephen then joined BR Projects and was instrumental in Project Managing some high profile activities, including the supporting the first Privatised Train Operator in delivering its ambitious plans. Following privatisation of BR Projects Stephen became Group Manager for Project Management, Engineering and Design within AEA Technology Rail and responsible for project delivery, including the delivery of some of the research team developments into tangible benefits to the Railway Businesses.</p> <p>Stephen joined FirstGroup in 2007 and delivered the HST Refurbishment Programme whilst also taking on the role of managing the GSM-R Strathclyde Trial to its conclusion. Stephen attended many of the senior meetings on the GSM-R project and at that time had responsibility for rolling out GSM-R onto about 25% of the passenger fleets.</p> <p>Stephen has a team of Project Managers within FirstGroup dealing with strategic projects, which include New Trains Delivery, major refurbishments and ERTMS. Stephen is a member of the ERTMS PCB, TOC Steering Group, and Chairman of the TOC Commercial Group.</p>
<p><b>Name</b> Stephen Ball-Wood</p> <p><b>Role</b> Head of Engineering Projects</p> <p><b>Organisation</b> First Group</p>	<p>Phil joined British Rail in 1986 as a graduate operations trainee. Phil worked in various operational roles including: Shift Manager at London Fenchurch Street, Signalling Manager Bury St Edmunds, Station Manager Poole and Bournemouth and Train Crew Manager - Eastleigh.</p> <p>At privatisation, Phil became the Operations and Planning Manager for Anglia Railways and brought in new franchised timetables and new conditions for drivers. Phil was also the Head of Operations for Hull trains, helping to bring in the new TOC, and was also part of franchise bid teams for UK and European businesses.</p> <p>With the change in franchise, Phil became the Deputy Operations Director and then the Head of Performance and Operations Development at National Express East Anglia and then Abellio Greater Anglia. This included working on business development with improvements in performance, energy efficiency, timetables to increase capacity with new and cascaded trains, the introduction of GSM-R and managing the contract with Network Rail.</p> <p>Phil joined ATOC, which is now RDG, in 2012 as the Major Projects Team Leader to represent GB train operators in the Digital Railway (includes ERTMS) and GSM-R programmes. This includes working with the programme, supporting the TOCs and undertake work packages within the programme.</p> <p>Phil is member of Digital Railway Programme PCB along with a number of other programme and industry groups.</p>
 <p><b>Name</b> Phil Barrett</p> <p><b>Role</b> Major Projects Team Leader</p> <p><b>Organisation</b> Rail Delivery Group</p>	



**Name**  
David Clarke

**Role**  
Technical Director

**Organisation**  
Railway Industry  
Association (RIA)

David is a Chartered engineer with over 30 years rail industry experience. Prior to joining RIA he was the Innovation Director at RSSB. His earlier career includes being Deputy Director, Rail Technical at the Department for Transport, prior to which he was a Director for two of the major rail infrastructure contractors having started his career with British Rail. David has been responsible for large operational and project delivery teams, securing major contracts, corporate strategy and business development and, more recently for technical strategy and innovation. As an Engineer David has been responsible for structures and permanent way design, installation and maintenance, he has managed all railway engineering disciplines including command and control, electrification and the technical specification of rolling stock. He was heavily involved in the development of the UK Rail Technical Strategy.

Member of ERTMS Systems Body and Programme Control Board. When at DfT was sponsor for the ERTMS national plan and chair of the former ERTMS Steering Board. Involved in Cambrian Project and initiated the discussions which led to the ROSCO joint programme.



**Name**  
Michael Flynn

**Role**  
Programme Director

**Organisation**  
Digital Railway  
Programme

Michael joined the Digital Railway in November 2016 as Programme Director to lead the next phase of the programme.

Michael joins us from his most recent role at Transport for London as Programme Director for the £16.5billion New Tube for London programme (NTfL). This programme will enable long-term business transformation for TfL on the deep tube lines, consequently transforming journeys for millions of passengers. During his time at TfL he has successfully led NTfL through its initiation phase, and launched the procurement of trains and signalling.

Prior to this he has worked for major international businesses in the both the UK and abroad including Siemens, Bombardier, Mitsubishi and Alstom. Michael is an experienced programme management and business unit director with over 28 years of experience in the rail and energy sectors.








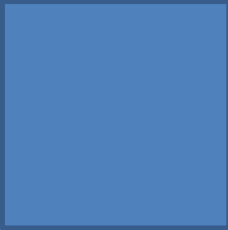
**Name**  
Tim Gilbert

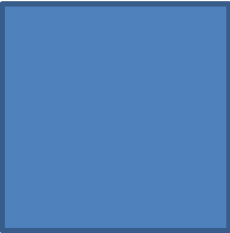


**Role**  
NJRP Board  
Chairman

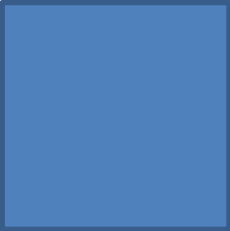


**Organisation**  
National Joint  
ROSCO Project  
(NJRP)

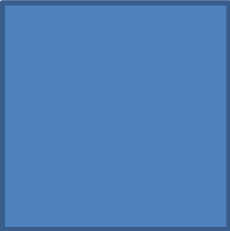
Tim Gilbert has worked in the railway industry for 40 years, latterly as Engineering Director of Porterbrook Leasing Company.

 <p><b>Name</b> Tim Hedley-Jones</p> <p><b>Role</b> Major Projects Director</p> <p><b>Organisation</b> Virgin trains East Coast</p>	<p>Tim Hedley-Jones is Major Projects Director at Virgin Trains East Coast. He is responsible for the delivery of Virgin Trains' new fleet of 65 Azuma trains which will operate on the East Coast Main Line from 2018 and transform travel on the East Coast Main Line. Tim is also the lead Executive Director for the introduction of ERTMS, the development of stations and franchise management at VTEC.</p> <p>Tim joined the East Coast franchise in 1999 and has held a number of managerial and Director roles over the life of four franchises – GNER, NXEC, East Coast and now Virgin Trains East Coast. Tim has experience of franchise management, franchise bidding and programme management. Tim is an Associate of the IRO and a member of the RDG Station Strategy Group</p>
 <p><b>Name</b> Andrew Jones</p> <p><b>Role</b> Project Director (Interim) Traffic Management first deployments</p> <p><b>Organisation</b> Digital Railway programme</p>	
 <p><b>Name</b> Tom Lee</p> <p><b>Role</b> Director of</p>	<p>Tom is an experienced railway professional with a strong background in signalling &amp; telecommunications engineering. A chartered engineer, a fellow of the Institution of Engineering &amp; Technology and a fellow of the Institution of Railway Signal Engineers (IRSE), Tom is the Acting Director of Standards in RSSB and he is also the Professional Head of Control Command and Signalling.</p> <p>Tom provides strategic leadership for standards and heads a team of over a hundred engineers, railway operators, human factors specialists, project and support managers. Tom chairs the industry CCS Standards Committee and is an active member of several other cross-industry committees. He is also an examiner for the IRSE examination, having served for over thirteen years.</p>

<p>Standards</p> <p>Organisation RSSB</p>	
 <p>Name Ian Maxwell</p> <p>Role Head of Train Control Systems</p> <p>Organisation Office of Road and Rail (ORR)</p>	<p>Ian leads the ORR engagement with all things ERTMS and Digital Railway. His focus is on potential benefits to the industry and their customers, on opportunities for improved safety and also on compliance to British and European law.</p> <p>I am a career railway signal engineer with over 35 years of experience of main line UK railways.</p>
 <p>Name Dave Palmer</p> <p>Role Industry Team Leader (Rail Infrastructure) Digital Railway Programme</p> <p>Organisation Digital Railway programme</p>	<p>Dave joined British Rail as an S&amp;T Graduate Trainee in 1986, following completion of his degree in Electrical &amp; Electronic Engineering at Bristol University. His early career was spent in the world of Telecoms Project Engineering and Field Engineering in BR's Southern Region, before branching out into Voice and Data Managed Services when Racal acquired British Rail Telecom in the late 1990s.</p> <p>Dave returned to the world of railway engineering when he joined Railtrack in 2002 as a Stakeholder Manager, looking after the introduction of the GSM-R radio system within the Telecoms Engineering function, and ultimately became the Principal Sponsor for the £1.8b National FTN (Fixed Telecoms Network) and GSM-R Train Radio Programme. When that programme came to a close, Dave took over as the Principal Sponsor of the National ERTMS Programme, expanding that role into a National Operating Strategy context that was the forerunner of the Digital Railway. In his current role, Dave acts as the Digital Railway's Client for all Infrastructure and Train-borne system implementation and is accountable for the delivery of a portfolio of Digital Railway implementation works in the current Control Period.</p>
 <p>Name Richard Rowland</p>	

<p><b>Role</b></p> <p><b>Organisation</b> Great Western</p>	
 <p><b>Name</b> Farha Sheikh</p> <p><b>Role</b></p> <p><b>Organisation</b> Department for Transport</p>	
 <p><b>Name</b> Andrew Simmons</p> <p><b>Role</b> Chief Systems Engineer</p> <p><b>Organisation</b> Digital Railway programme</p>	<p>Andrew started his career as a graduate trainee with London Underground. In 1986 he joined the Mass Transit Railway Corporation in Hong Kong, and was responsible for the Eastern Harbour Crossing signalling system. In 1990 Andrew returned London Underground to become the Signalling Project Engineer for the Central Line modernisation including the introduction of ATP and ATO systems.</p> <p>In 1999 Andrew joined Railtrack as the Professional Head of Signal Engineering and carried out this role until November 2007, when he took up a new position of Director, Future Train and Operational Control Systems within Network Rail. In this role he provided technical leadership to the implementation of the final phase of the West Coast Route Modernisation which facilitated higher frequency train services on the West Coast Mainline. He also initiated the development of what are now Digital Railway systems (ETCS and Traffic Management) including technical leadership to the Cambrian ETCS project.</p> <p>In April 2013 Andrew took up the position of Technical Development Director in the Network Operations Strategy team. Since December 2015 Andrew has been in the role of Chief Systems Engineer for the Digital Railway programme.</p>
 <p><b>Name</b> Paul Sutherland</p> <p><b>Role</b> Industry Team</p>	<p>Paul joined the railway industry in 1985. During this time Paul has held senior leadership roles including route general manager, head of operations for Network Rail, route planning and performance manager, route safety and standards manager to name but a few!</p> <p>With Paul's core operational experience of driving trains, electrical controls, operational controls and signalling, and after gaining a Fellowship to the Institute of Railway Operators (FIRO), Paul is the ideal person to lead the operations and maintenance team for the Digital Railway programme.</p>

<p>Leader Operations and Maintenance</p> <p>Organisation Digital Railway programme</p>	
 <p>Name Charlie Usher</p> <p>Role Head of Transformation</p> <p>Organisation Digital Railway programme</p>	
 <p>Name David Waboso Chair of PCB</p> <p>Role Managing Director Group Digital Railway</p> <p>Organisation Digital Railway programme</p>	<p>David joined Network Rail in June 2016 as MD of Group Digital Railway after eleven years at London Underground Limited (LUL). Whilst at LUL David was Capital Programmes Director, where he led the upgrade of both trains and infrastructure to digital technology.</p> <p>David has worked on infrastructure and train control projects for over thirty years and has previously held senior positions at the Strategic Rail Authority, The Nichols Group and Bechtel Corporation.</p> <p>Currently David is the President of the Association for Project Management as well as being a Chartered Engineer, and is Fellow of the Royal Academy of Engineering, the Institution of Railway Signal Engineers and the Institution of Civil Engineers. Before he started his career in engineering, David spent a short time as a maths teacher in East London.</p>
	<p>With 42 years' experience on the railway and a qualified project manager, Alastair is a professional and seasoned senior manager. Starting in 1974 and Completing an electrical apprenticeship and a 6 year technician course (City &amp; Guilds), Alastair went on to hold various senior technical roles in locomotive and wagon management and over the last 20 years held a number of senior management roles within Freight ranging from locomotive / wagon engineering, depot and regional management, strategy and planning and project and programme management delivering significant projects and programmes including the purchase / lease of</p>

<p><b>Name</b> Alastair Wright</p> <p><b>Role</b> Chair of FSG</p> <p><b>Organisation</b> Freight Stakeholder Group (FSG)</p>	<p>locomotive and wagons fleets for operation in the UK, France and Spain along with the necessary maintenance infrastructure. More recently, based in Germany, but working across Europe, Alastair's time was spent developing a European maintenance network for DB Schenker now DB Cargo.</p> <p>On returning to the UK, his focus has concentrated on the ERTMS programme representing the interests of the freight operators and since 2014, has chaired the freight stakeholder Group and represented the freight operators on various industry panels including EIPT and PCB.</p>
 <p><b>Name</b> Alastair Young</p> <p><b>Role</b></p> <p><b>Organisation</b> Transport Scotland</p>	