TPD Core Specialists –UK Based

	Rob Davis - Provision of strategic advice and engineering management consultancy to complex technical programmes. A Chartered Electrical, Mechanical and Signalling Engineer with over 25 years experience of working on complex projects including major railway programmes and succeeding in multi-stakeholder environments. Robert enjoys playing a key role in the technical leadership of projects, especially those associated with development and systems integration. Extensive experience of safety acceptance though leadership of safety review panels for mainline and metro railways.
	Paul Fletcher - Delivery of complex programmes (involving new/novel signalling equipment) and projects on both the client and delivery side. A proven practical systems engineering leader with over 20 years experience of working on complex technical projects including major railway programmes, aerospace projects, defence and offshore projects. Specialising in the delivery of project requirements on time and to budget, Paul is currently working on behalf of London Underground on a major signalling upgrade project.
	Paul Cheeseman - Leadership of system safety programmes and projects on both the client & delivery side. Paul is a Chartered Electrical and Railway Signalling Engineer with more than 30 years experience of working on international railway signalling and rolling stock projects, including the development and application of computer-based technology. Paul enjoys playing a key role in system safety, independent assessment, risk assessment and operational safety management systems, especially in cross cultural environments.
	Brian Halliday - Development and implementation of practical programmes for RAM and Systems Engineering. Brian is a Systems and Reliability Engineer with over 40 years experience of working on complex projects including major aircraft, defence and railway programmes. Brian enjoys playing a key role in the technical leadership of projects, especially in the specialist areas of RAM Engineering and Systems Engineering / Integration for railway systems.
	Tracey Best - A Chartered Electronic & Electrical Engineer with over 25 years experience of working in complex engineering projects, novel & complex technologies. Experienced in providing leadership of divisional operations in blue chip engineering organisations. Tracey enjoys playing a key role in technical leadership, especially those associated with novel technologies and systems integration in the rail industry. She has held senior system assurance roles for several global railway suppliers and consultancies.
	Kurt Andersen - For the past 20 years Kurt has been continuously employed in the development of Train Control Systems. This has encompassed both CBTC (Communications Based Train Control) and ERTMS. For ERTMS it has been ETCS (the train control part of the system) including Class B Train Control Systems and GSM-R (the radio bearer of the system data and voice). He therefore has a uniquely complete understanding of the whole of modern signalling and the ERTMS system and is widely regarded as a leading expert on the subject.

TPD Core Specialists – Hong Kong Based

	Anthony Pickett – Anthony is a Chartered Engineer with over 30 years' experience of risk management, safety management systems, RAM, and performance management support on multidisciplinary projects in the rail and nuclear industries. He has performed client and consultant roles for major railways in UK, Middle East and Hong Kong. He led a major safety audit of the Irish Railway network on behalf of the Government.
	Steve Gaskill – Steve is an all round Railway Systems Engineering Manager with particular knowledge of Railway Safety, Conformity Assessment, Product Acceptance and Railway Interoperability. Has experience of engineering research; development of novel, safety critical, products; project management; quality assurance; incident investigations; law enforcement and as an expert witness.
	Adrian Ng - Adrian is a graduate in Mechanical Engineering From University of Warwick in the UK. During his first job, he has gained experience in System Assurance and Human Factor from different MTR corporation projects. Adrian is capable in assisting System Assurance Programmes, performing safety activities and conducting Human Factors trial activities.

TPD Associates – to meet the needs of our clients we work closely with a number of niche specialists including:

	Bruce Elliot – Bruce is a Chartered software engineer who has broadened his capability into systems and systems safety engineering. Bruce has extensive experience of the delivery of complex safety-related systems and analysis and validation methods. He has a fundamental understanding of the role played by organisational and process issues in project success. He is a creative and accomplished communicator at all levels. Bruce was the technical author for the iESM development.
	Zoe Alderman - Zoe has been working in the rail industry since 1995, and has specialised in RAMS analysis and Safety Cases since 1998. She has a proven record in the management of RAMS activities and the delivery of documentation to support the commissioning of signalling products and systems. Zoe has worked extensively on mass transit applications, most recently in the development of CBTC systems in Republic of Korea for a major blue chip company.
	Paul Butler – Paul has 29 years experience as an international rail industry specialist providing project management, RAMS, systems assurance, supply chain management, engineering, and fire safety services.
	David Potter - David has worked in safety critical software development since 1996. His work has included a variety of aspects of the safety critical lifecycle within real-time embedded safety critical developments and he has experience of an extensive range of tools. David has worked in the in aerospace and rail industries in the UK, mainland Europe and China.
	Chris Lowe – Chris is a qualified and experienced rail Human Factors Specialist with nineteen years technical and project management experience. Previously Principal Consultant at one of the largest Human Factors consultancies in the world. Chris takes a practical rather than theoretical approach and has substantial experience in human-centred requirements elicitation, design and evaluation techniques within the rail industry.