

PROJECT ADVICE NOTE

NR/L3/INI/CP0074/F0030

Updated:

18/12/2019

Issue:

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PAN REGISTER

Issuing Discipline / Programme	PAN Owner	Applicability (Discipline Specific / Cross Discipline / Programme)	PAN REFERENCE NUMBER					IP IMS link	Information Controller	Title	Latest Version	Date Issued	Expiry Date	Current Status
			PAN	Type	Function	Subject	Number							
Signalling & Telecoms Renewals Programme	David Warwick (Steve Williams)	Signalling Discipline	PAN	E	CE	SS	0017	NR-IP-EN(SI)-1996	R Shannon	Signal Structures - Form A Guidance For Loading & Performance <i>Note: Nov 2018, PAN validity extended to 31/05/2020.</i>	3	28/07/2008	31/05/2020	Current
Electrification & Plant	John Fry	Electrification & Plant Discipline	PAN	E	EP	SH	0025	NR-IP-EN(EP)-1998	TBA	Points Heating Control Cubicle Wiring <i>Note: Oct 2019, validity extended to 30/09/2020.</i>	2	08/07/2014	30/09/2020	Current
Signal Project Engineering	David Warwick	Signalling Discipline	PAN	E	SE	PRO	0028	NR-IP-EN(SI)-1999	R Shannon	TASS: Tilt Authorisation and Speed Supervision System <i>Note: Sep 2019 - Validity extended to 31/03/2020.</i>	3	17/07/2015	31/03/2020	Current
Signal Project Engineering	David Warwick (Steve Williams)	Signalling Discipline	PAN	E	CE	SS	0033	NR-IP-EN(SI)-2007	R Shannon	Aerodynamics in Tunnels - Pressures on Signal Structures <i>Note: Under review by STE B&C tunnels team. Nov 2018, validity extended to 31/05/2020.</i>	3	10/04/2017 (original issue date 15/04/2013)	31/05/2020	Current
Signalling Project Engineering	David Warwick (Michael Harrison)	Signalling Discipline	PAN	E	SE	PRO	0038	NR-IP-EN(SI)-2004	R Shannon	Competence Management and Authority to Work (ATW) for Signal Project Engineers <i>Note: May 2019 - Validity extended to 31/05/2020.</i>	6	22/12/2015	31/05/2020	Current
								NR-IP-EN(SI)-2001		Technical Competence Guidance - Quads				
								NR-IP-EN(SI)-2002		Engineering Management 02009 Quads				
								NR-IP-EN(SI)-2005		DNA FAQs				
								NR-IP-EN(SI)-2006		How to Guide - Update Competence				
								NR-IP-EN(SI)-2003		ATW Form				
Signal Project Engineering	David Warwick	Signalling Discipline Programme Management Discipline	PAN	E	SE	ES	0040	NR-IP-EN(SI)-2009	R Shannon	Data Design and Testing Process Monitoring <i>Note: Jan 2019 - Validity extended to 31/01/2020.</i>	3	09/09/2016	31/01/2020	Current
								NR-IP-EN(SI)-2010		Data Design & Testing Progress Monitoring Checklist				
								NR-IP-EN(SI)-2011		Interlocking Data Development Plan				
								NR-IP-EN(SI)-2012		Electronic Interlocking Tracker Dashboard				
Electrification & Plant	John Fry (Michael Harrison)	Electrification & Plant	PAN	E	EP	PRO	0052	NR-IP-EN(EP)-2017	Belinda Wilson	Authority to Work (ATW) for Project and Design Engineers of the Electrification & Plant Discipline <i>Note: May 2018 - Validity extended to 31/05/2019.</i>	3	01/07/2015	31/05/2020	Current
								NR-IP-EN(EP)-2048		Appointment of Competent E&P Assessor				
								NR-IP-EN(EP)-2049		Register of Competent Assessors (E&P Project Engineering)				
								NR-IP-EN(EP)-2107		PE Competency Assessment				
								NR-IP-EN(EP)-2108		E&P Design Engineering - Authority to Work				
								NR-IP-EN(EP)-2050		Development Plan Pro-forma				
								NR-IP-EN(EP)-2052		Blank EP Project Engineer ATW Evidence Form				
								NR-IP-EN(EP)-2051		Blank EP Design Engineer Evidence Form				
Track Engineering	Jeff Hills (Michael Harrison)	Building & Civils, Construction, Electrification and Plant, Signalling, Systems Engineering, Telecommunications, Track and Programme Management	PAN	IP(T)	C	ADV	0058	NR-IP-EN(TR)-2058	Jeff Hills	Critical Rail Temperature Management – CWR and Jointed Track <i>Note: Dec 2019 - Validity extended to 31/03/2020 pending standard introduction.</i>	5	08/07/2016	31/03/2020	Current
Telecoms	Andy Letts	Telecoms Discipline	PAN	E	TE	FT	0061	NR-IP-EN(TE)-2059	R Shannon	Guidance on GSM-R Implications to Projects and other Rail Infrastructure Work <i>Note: Aug 2019, PAN validity extended to 29/02/2020.</i>	3	08/03/2017 (previously reviewed 09/03/2016)	29/02/2020	Current
								NR-IP-EN(TE)-2062		Telecoms Design Group Checklist Template				

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Track Engineering	Jeff Hills (Michael Harrison)	Track and Civil Engineering	PAN	IP(T)	MI	INS	0062	NR-IP-EN (TR)-2063	Mark Downes	Gauging Guidance for Civil and Track Project Engineers & Designers <i>Note: Jul 2019 - PAN validity period extended to 31/07/2020.</i>	3	18/12/2015	31/07/2020	Current							
Systems Engineering	Tony Wilcock	Cross Discipline - Signalling, Track, Telecommunications, Electrification and Plant, Buildings & Civils, Systems Engineering, Programme Management, Construction and Finance and Commercial	PAN	PMSE-E	CD	INS	0064	NR-IP-EN-2064	R Shannon	Reviews of Engineering Deliverables <i>Note: Oct 2019, validity extended to 29/02/2020.</i>	3	15/11/2017 (original issue date 26/02/2014)	29/02/2020	Current							
								Link		DRN Form Version 8 - (NR/L2/INI/02009/F0044) <i>Note: PAN re-issued Nov 2017. Supporting material re-validated as needed to align with PAN validity.</i>	8										
								Note: Discipline specific guidance, as referred to in Appendix A of the PAN, can be accessed via the following links:													
								NR-IP-EN-2066		B&C Detailed Review Guidance to Support PAN/PMSE-E/CD/INS/0064 - July 2014 <i>Note: PAN re-issued Nov 2017. Supporting material re-validated as needed to align with PAN validity.</i>	1	(original issue date 02/09/2014)	Updates as required								
								NR-IP-EN-2067		E&P Detailed Review Guidance - March 2014 <i>Note: PAN re-issued Nov 2017. Supporting material re-validated as needed to align with PAN validity.</i>	1	(original issue date 01/03/2014)	Updates as required								
								NR-IP-EN-2068		Signalling Risk Based Review Guidance <i>Note: PAN re-issued Nov 2017. Supporting material re-validated as needed to align with PAN validity.</i>	1	(original issue date 20/03/2014)	Updates as required								
								NR-IP-EN-2069		Track Design Review Checklist (Aide Memoir) for Project Engineers Track - April 14 <i>Note: PAN re-issued Nov 2017. Supporting material re-validated as needed to align with PAN validity.</i>	1	(original issue date 02/04/2014)	Updates as required								
								NR-IP-EN-2070		Telecom Project Engineering Review Level Guidance Module	1		Updates as required								
Buildings & Civils	Steve Williams (Michael Harrison)	Building & Civils Project Engineering	PAN	B&C-E	GEN	INS	0066	NR-IP-EN(BC)-2071	Brian Robertson	Authority to Work (ATW) for Project Engineers of the Buildings & Civils Project Engineering Discipline <i>Note: Nov 2019 - Validity extended to 31.01/2020.</i>	3	20/06/2016	31/01/2020	Current							
								NR-IP-EN(BC)-2073		Civils Authority to Work information <i>Note: Issued by email to LDEs for cascade in June 2017, added to IMS in March 2018.</i>	4	26/03/2018									
Programme Systems Engineering	Tony Wilcock	Signalling, Track, Telecommunications, Electrification & Plant, Buildings & Civils, Contracts & Procurement and Programme System Engineering	PAN	PMSE-E	CD	INS	0070	NR-IP-EN-2074	R Shannon	Supplier Performance Management - Engineering Assurance <i>Note: Dec 2019 - validity extended to 31/03/2020.</i>	2	15/11/2017 (original issue date 30/01/2012)	31/03/2020	Current							
Crossrail Programme	John Fry	Crossrail Programme	PAN	C&R-E	EP	ADV	0071	NR-IP-EN(EP)-2075	Sandra Locke	Junction Lighting: Estimating Future Load Allowance <i>Note: July 2019 - Validity extended to 31/07/2020.</i>	1	01/02/2012 (original issue date) Last review 20/08/15	31/07/2020	Current							
Signalling & Electrification (Telecoms)	Andy Letts (Michael Harrison)	Telecoms Project Engineering	PAN	E	TE	PRO	0076	NR-IP-EN(TE)-2080	Geoff Hooper / Paul Farmer	Authority to Work (ATW) for Telecoms Project Engineering Activities <i>Note: Dec 2019 - PAN validity period extended to 29/02/2020.</i>	1	18/12/2014	29/02/2020	Current							
								NR-IP-EN(TE)-2077		Telecoms Project Engineer Assessor Competencies List											
								NR-IP-EN(TE)-2081		PE Competency list											
								NR-IP-EN(TE)-2082		Telecoms Authorities to Work PEs 2											
								NR-IP-EN(TE)-2083		Competence Data Download Template Telecoms 2											

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Asset Management [Track]	Jeff Hills (Michael Harrison)	Track Project Engineering Discipline	PAN	AM(T)	G	INS	0078	NR-IP-EN(TR)-2086	Jeff Hills	Authority to Work (ATW) for Project Engineers within the Track Discipline <i>Note: Sep 19: PAN validity period extended to 31/03/2020.</i>	1	21/03/2012	31/03/2020	Current
Signal Project Engineering	David Warwick (Michael Harrison)	Signalling Project Engineering Discipline - Testing & Commissioning Engineers	PAN	E	SE	PRO	0084	NR-IP-EN(SI)-2087	Darren Nock	Competence Management for Test and Commissioning Engineers <i>Note: May 2019 - Validity extended to 31/05/2020.</i>	3	19/06/2015	31/05/2020	Current
								NR-IP-EN(SI)-2088		T&C Engineers Technical Competencies				Current
								Link		Link to Connect Amend / Reactivate Account Page				Current
								NR-IP-EN(SI)-2089		How to Guide - Update Competence Profile for Employees				Current
								NR-IP-EN(SI)-2090		Development Needs Analysis - Frequently Asked Questions				Current
Signal Project Engineering	David Warwick	Signalling Project Engineering Discipline	PAN	E	SE	PRO	0086	NR-IP-EN(SI)-2091	Mick Turner	Signalling 'Plug and Play' Requirements <i>Note - Sep 2019: PAN validity extended to 31/03/2020.</i>	3	10/09/2018 (original issue date 12/04/2013)	31/03/2020	Current
Buildings & Civils	Daniel Recchia	Construction & Programme Management Disciplines	PAN	B&C-E	GEN	ADV	0090	NR-IP-EN(BC)-2092	R Shannon	Construction Management Plan <i>Note: Dec 2019, validity extended to 31/05/2020.</i>	1	03/07/2014	31/05/2020	Current
								NR-IP-EN(BC)-2093		PAN/B&C-E/GEN/ADV/0090, Issue 1: Briefing Material July 2013				
Programme Systems Engineering	Ivan Lucic (Michael Harrison)	Systems Engineering Discipline	PAN	PMSE-E	CD	INS	0091	NR-IP-EN-2094	R Shannon	Competency Assessment and Authority to Work (AtW) in the Systems Engineering Discipline <i>Note 1: May 2019 - Validity extended to 31/05/2020.</i> <i>Note 2: The link within the Action Required - General section, Item 2 is incorrect (links to an empty document). PAN 0091 is currently being revised and is expected to be reissued shortly - if you need to access to the SE Competent Assessors Register please click on the link to NR-IP-EN-2095 via the IP IMS Link column.</i>	1	22/06/2015 (original issue date 22/05/2013)	31/05/2020	Current
								NR-IP-EN-2095		SE Competent Assessors Register	2			
								NR-IP-EN-2096		Systems Engineering Competence Questionnaire	3			
								NR-IP-EN-2097		How To Guide - Update Competence Profile for Employees	1			
								NR-IP-EN-2098		Development Needs Analysis - Frequently Asked Questions	1			
								NR-IP-EN-2099		Personal Development Plan Template	1			
Signal Project Engineering	David Warwick	Signalling Project Engineering Discipline	PAN	E	SE	PRO	0092	NR-IP-EN(SI)-2100	R Shannon	Identification of Cross Boundary Signalling Interfaces <i>Note: Dec 2019 - Validity extended to 29/02/2020.</i>	1	22/06/2015 (original issue date 22/05/2013)	29/02/2020	Current
Electrification & Plant	John Fry	Electrification Engineering & Signalling	PAN	E&P-E	EE	PRO	0100	NR-IP-EN(EP)-2102	Belinda Wilson	E&P Procedure to Support Compliance with 'TI 172 AC Electrified Lines Traction Bonding - Requirements for Signal Engineering involvement and Track Circuit Testing' <i>Note: July 2019 - Validity extended to 31/07/2020.</i>	1	17/03/2015	31/07/2020	Current
Electrification & Plant	John Fry	Electrification & Plant, Signalling, Telecoms & Buildings & Civils Engineering	PAN	E&P-E	EE	ESD	0102	NR-IP-EN(EP)-2103	Belinda Wilson	Earthing and Bonding for AC Electrification Schemes applying Common Bonding <i>Note 1: June 2019 - Due to the ongoing delays in updating and publishing the E&P earthing and bonding standard (ELP/21085) PAN 0102 has been updated to issue 4 to align with and incorporate some recent requirements.</i>	4	27/06/2019	27/06/2020	Current
Telecom Project Engineering	Andy Letts	Telecoms, Power, Signalling, Building & Civils, Track & System Engineering Disciplines	PAN	E	ENG	PRO	0106		Andy Letts	Telecom Architecture Board		TBA	TBA	Pending
Electrification & Plant	John Fry	Electrification & Plant Engineering (SCADA)	PAN	E&PE-E	CD	CO	0107	NR-IP-EN(EP)-2105	Belinda Wilson	The use of SCADA to provide a 'secure' means of remote applications of earths <i>Note: July 2019 - Validity extended to 31/07/2020.</i>	1	14/03/2016	31/07/2020	Current

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Note 1: Hyperlinks to individual PANs are linked to the IP IMS Link column.

Note 2: Hyperlinks contained within this form are only available internally to Network Rail staff only.

Note 3: Details of withdrawn PANs are listed on the "Withdrawn" tab within this spreadsheet.