

Appendix J Scheme Delivery Programme

Activity ID	Activity Name	Original Duration	Start	Finish	S	O	N	D	J	F	M	A	May 2015	J	July 2015	A	S	O	N			
					1	2	0	1	1	2	0	0	1	2	2	0	1	2	0	1	2	3

Darwen v6

290 05-Sep-14 A 15-Oct-15

Prelims

288 05-Sep-14 A 15-Oct-15

A6300	Project Management team	280	05-Sep-14 A	15-Oct-15	[Red bar]																
A6320	T-37 Initial Deliverables Review	1	24-Oct-14	24-Oct-14	T-37 Initial Deliverables Review																
A5380	Check CPP	1	03-Oct-14	03-Oct-14	Check CPP																
A5390	Submit CPP for approval	1	06-Oct-14 A	06-Oct-14	Submit CPP for approval																
A5400	NR Approve CPP	20	06-Oct-14	31-Oct-14	[Green bar] NR Approve CPP																
A6330	T-24 Health Check Review/ FRACAS Planning	1	26-Jan-15	26-Jan-15	T-24 Health Check Review/ FRACAS Planning																
A6340	T-12 QRSA	1	21-Apr-15	21-Apr-15	T-12 QRSA																
A6350	T-6 Commissioning Readiness Review	1	03-Jun-15	03-Jun-15	T-6 Commissioning Readiness Review																
A6360	T-4 Go/ No go meeting	1	18-Jun-15	18-Jun-15	T-4 Go/ No go meeting																
A6370	T-1 Commissioning Actions Review	1	10-Jul-15	10-Jul-15	T-1 Commissioning Actions Review																
A5360	Receive Contract Award	0	19-Sep-14*		◆ Receive Contract Award																
A5370	Produce CPP	10	19-Sep-14	02-Oct-14	[Green bar] Produce CPP																

Key Dates

233 19-Sep-14 11-Aug-15

KD1040	GRIP 4 Complete	0	09-Apr-15		◆ GRIP 4 Complete																
KD1030	GRIP 5 Complete	0	24-Jun-15		◆ GRIP 5 Complete																
KD1050	New Location Design Issued for Manufacturing Complete	0	18-Feb-15		◆ New Location Design Issued for Manufacturing Complete																
KD8250	Start Date	0	19-Sep-14		◆ Start Date																
KD1060	Blockade Works	30	30-Jun-15	11-Aug-15	[Green bar] Blockade Works																
KD1070	Terminal Float	4	24-Jun-15	30-Jun-15	[Green bar] Terminal Float																
KD1020	Contract Completion Date	0	30-Jun-15		◆ Contract Completion Date																
KD1000	Contract Award Letter Received	0	19-Sep-14		◆ Contract Award Letter Received																

GRIP 4 DESIGN

145 19-Sep-14 09-Apr-15

CORE DOCUMENTS		5	19-Sep-14	25-Sep-14	[Green bar] Review Preliminary Design																
MD8110	Review Preliminary Design	5	19-Sep-14	25-Sep-14	[Green bar] Review Preliminary Design																
SURVEY & MAPPING		27	19-Sep-14	27-Oct-14	[Green bar] Undertake Existing Services Survey																
SM-8100	Undertake Existing Services Survey	10	10-Oct-14	23-Oct-14	[Green bar] Undertake Existing Services Survey																
SM-8120	Produce Topo Survey Report	2	19-Sep-14	22-Sep-14	[Green bar] Produce Topo Survey Report																
SM-8130	Produce Existing Service Survey Report	2	24-Oct-14	27-Oct-14	[Green bar] Produce Existing Service Survey Report																
SM-8160	SM02-Issue Survey Report	0	27-Oct-14		◆ SM02-Issue Survey Report																
GENERAL DESIGN		10	19-Sep-14	02-Oct-14	[Green bar] Produce Cable Route Strategy																
GD-1010	Produce Cable Route Strategy	10	19-Sep-14	02-Oct-14	[Green bar] Produce Cable Route Strategy																
GD-1020	Produce Cable Route Diagram Drawings	10	19-Sep-14	02-Oct-14	[Green bar] Produce Cable Route Diagram Drawings																
GD-1030	Produce Schedule of Cables Across Disciplines	10	19-Sep-14	02-Oct-14	[Green bar] Produce Schedule of Cables Across Disciplines																
GD-1040	Produce Earthing and Bonding Strategy	10	19-Sep-14	02-Oct-14	[Green bar] Produce Earthing and Bonding Strategy																
GD-1050	Produce Earthing Diagram	10	19-Sep-14	02-Oct-14	[Green bar] Produce Earthing Diagram																
GD-1060	Produce Redundant Asset Register	10	19-Sep-14	02-Oct-14	[Green bar] Produce Redundant Asset Register																
GD-1070	Prepare Recovery Programme (for Redundant Asset)	10	19-Sep-14	02-Oct-14	[Green bar] Prepare Recovery Programme (for Redundant Asset)																
GD-1080	Produce Equipment Layout Programme	10	19-Sep-14	02-Oct-14	[Green bar] Produce Equipment Layout Programme																
ENGINEERING ASSURANCE		105	19-Sep-14	12-Feb-15	[Green bar] EA01 - Issue Design Risk Log																
DESIGN RISK LOG		105	19-Sep-14	12-Feb-15	[Green bar] EA01 - Issue Design Risk Log																
EA-1120	EA01 - Issue Design Risk Log	0	12-Feb-15		◆ EA01 - Issue Design Risk Log																
EA-1000	Produce & Update Design Risk Log	105	19-Sep-14	12-Feb-15	[Green bar] Produce & Update Design Risk Log																

DATE OF ISSUE: 07-Oct-14
 PROGRAMME NUMBER : 701401-2...
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Date	Revision	Checked	Approved
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					1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	0	0	1	2	0	1	2	0
PLANT (E&P) GRIP 4					20	19-Sep-14	16-Oct-14																				
4-PL1860	EP08 - Issue DNO Supply Application	0	19-Sep-14	16-Oct-14																							
4-PL2860	Produce DNO Supply Application	20	19-Sep-14	16-Oct-14																							
SIGNALLING					91	19-Sep-14	23-Jan-15																				
4-SG1610	SG08 - Linespeed Increase Risk Assessment	0	19-Sep-14	19-Sep-14																							
SIGNALING SOURCE RECORDS					16	19-Sep-14	13-Oct-14																				
4-SG2010	Prepare & Issue QF950 Priority Request for Urgent Release of Source Documents within 10 days	1	26-Sep-14	26-Sep-14																							
4-SG2050	Receive Controlled Overlapping Design Records	0	13-Oct-14																								
4-SG2020	NRG Provide Records	10	29-Sep-14	10-Oct-14																							
4-SG2030	Receive Source Documents from NRG	0	13-Oct-14																								
4-SG2000	NRG Records Search	5	19-Sep-14	25-Sep-14																							
4-SG2040	Receive Overlapping Design Agreement from Network Rail	0	19-Sep-14																								
CORRELATION					41	13-Oct-14	08-Dec-14																				
4-SG1430	Onsite Correlation & Asset Condition Assessment by Volker Rail	10	20-Oct-14	31-Oct-14																							
4-SG1440	Volker Rail Test Existing Lineside Spare Cable Cores	5	20-Oct-14	24-Oct-14																							
4-SG1420	Correlation Waiver approved by RAM	0		24-Oct-14																							
4-SG2310	CRE Review	1	08-Dec-14	08-Dec-14																							
4-SG1450	Volker Rail Produce Correlation and Asset Condition Report	5	03-Nov-14	07-Nov-14																							
4-SG1460	Receive Correlation Drawings and Report	0	10-Nov-14																								
4-SG1470	Update of Source Records to Correlation	10	10-Nov-14	21-Nov-14																							
4-SG1480	Check Correlation Updates	10	17-Nov-14	28-Nov-14																							
4-SG1680	Print & Compile New Master Record Set	5	01-Dec-14	05-Dec-14																							
4-SG1400	Print & Issue Correlation Sets	5	13-Oct-14	17-Oct-14																							
4-SG1410	Prepare & issue Correlation Waiver	5	13-Oct-14	17-Oct-14																							
4-SG1630	SG24 - Issue Correlation Reports and Waivers	0		08-Dec-14																							
SIGNAL SCHEME DESIGN					66	26-Sep-14	26-Dec-14																				
4-SG1720	Receive Accepted MSRP Comments	10	08-Dec-14	19-Dec-14																							
4-SG1490	Produce Aspect Sequence Charts	3	03-Oct-14	07-Oct-14																							
4-SG1500	Check Scheme Plan	3	03-Oct-14	07-Oct-14																							
4-SG1510	Check Aspect Sequence Charts	1	08-Oct-14	08-Oct-14																							
4-SG1520	Update Scheme Plan to Check Comments	1	08-Oct-14	08-Oct-14																							
4-SG1530	Update Aspect Sequence Charts to Check Comments	1	09-Oct-14	09-Oct-14																							
4-SG1660	Produce Scheme Plan Design Log	1	10-Oct-14	10-Oct-14																							
4-SG1740	Check Scheme Plan Design Log	1	13-Oct-14	13-Oct-14																							
4-SG1690	IDC Phase (Requires Other Discipline Designs)	5	17-Nov-14	21-Nov-14																							
4-SG1700	Scheme Plan IDC complete	0		21-Nov-14																							
4-SG1710	Issue Scheme Plan for MSRP	0		21-Nov-14																							
4-SG1210	MSRP	0		05-Dec-14																							
4-SG1730	Obtain Approval Signatures	5	22-Dec-14	26-Dec-14																							
4-SG1550	SG01 - Issue Scaled Signaling Scheme Plan	0		26-Dec-14																							
4-SG1670	Joint CRE and NR PE - IDC Readiness Review	0		14-Nov-14																							
4-SG1290	Produce Scheme Plan	5	26-Sep-14	02-Oct-14																							
SIGNAL & SIGNAGE SIGHTING					53	08-Oct-14	19-Dec-14																				
4-SG1750	Produce Signal Sighting Forms	5	08-Oct-14	14-Oct-14																							
4-SG1760	Check Signal Sighting Forms	3	15-Oct-14	17-Oct-14																							
4-SG1770	Review by Signal Sighting Committee (Network Rail to Provide TOC/FOC and OPS reps)	1	12-Nov-14	12-Nov-14*																							
4-SG1780	Update Signal Sighting Forms to Committee Comments	1	13-Nov-14	13-Nov-14																							
4-SG1790	Check Update to Signal Sighting Forms	1	14-Nov-14	14-Nov-14																							

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					1	2	0	1	1	2	0	0	1	2	0	1	2	0	1	2
4-SG1800	Obtain Committee Signatures	5	17-Nov-14	21-Nov-14																
4-SG1620	SG11 - Issue Signage Sighting Form	0		21-Nov-14																
4-SG1810	SG03 - Issue Signal Sighting Forms	0		21-Nov-14																
4-SG1820	RAM Approve Signal Sighting Forms	20	24-Nov-14	19-Dec-14																
4-SG1830	Signal Sighting Forms Approved	0		19-Dec-14																
SORAT DESIGN					57	19-Sep-14	08-Dec-14													
4-SG2380	Obtain SORAT Quote	5	19-Sep-14	25-Sep-14																
4-SG2390	Volker Rail Authorise SORAT Procurement	5	26-Sep-14	02-Oct-14																
4-SG2400	Issue Checked GRIP 4 Scheme Plan for SORAT	0		08-Oct-14																
4-SG2410	SORAT (Subcontract by RSK ENSR)	30	09-Oct-14	19-Nov-14																
4-SG2420	Issue SORAT Scores (Subcontract by RSK ENSR)	0		19-Nov-14																
4-SG2430	SORAT Risk Workshop (if required) - NR to Provide TOC/FOC/OPS Reps	1	24-Nov-14	24-Nov-14																
4-SG2440	SORAT Report (Subcontract by RSK ENSR)	10	25-Nov-14	08-Dec-14																
4-SG2360	Issue GRIP 3 AIP Scheme Plan for SORAT Quote	0	19-Sep-14																	
FINAL PROJECT SPECIFICATION					61	19-Sep-14	12-Dec-14													
4-SG1240	Check FPS Update (1.0)	1	27-Nov-14	27-Nov-14																
4-SG1250	CRE Review & Authorise FPS (1.0)	1	28-Nov-14	28-Nov-14																
4-SG1940	Network Rail Review Updated And Approve FPS	10	01-Dec-14	12-Dec-14																
4-SG1840	Volker Rail Confirm Staging Strategy	0	26-Sep-14																	
4-SG1850	Draft Outline WESTPAC Stage Alterations Sketch	5	26-Sep-14	02-Oct-14																
4-SG1880	Receive TQ Response Confirming Proposed Signaling Controls	0	03-Oct-14																	
4-SG1890	Produce Final Project Specification (0.1)	10	03-Oct-14	16-Oct-14																
4-SG1900	Check Final Project Specification (0.1)	5	17-Oct-14	23-Oct-14																
4-SG1910	CRE Review Final Project Specification (0.1)	2	24-Oct-14	27-Oct-14																
4-SG1560	SG02 - Issue Assessment of Signaling Systems	0		27-Oct-14																
4-SG1860	SG29 - Issue Interlocking Rule Requirement	0		27-Oct-14																
4-SG1870	SG30 - Issue Signaling Principles Review	0		27-Oct-14																
4-SG1920	Distribute Final Project Specification (0.1) For Comments (Inc NR PE, Volker Rail And RAM)"	0		27-Oct-14																
4-SG1930	FPS Review Period	20	28-Oct-14	24-Nov-14																
4-SG1230	Update FPS To Comments (1.0)	2	25-Nov-14	26-Nov-14																
4-SG1950	FPS Approved	0		12-Dec-14																
4-SG1650	Draft High Level WESTPAC System Architecture Sketch	5	19-Sep-14	25-Sep-14																
PANEL FACIA DESIGN CONSULTATION AND APPROVAL					49	13-Oct-14	18-Dec-14													
4-SG3000	Produce Preston Panel Facia For Distribution And Comment	5	13-Oct-14	17-Oct-14																
4-SG3010	Check Preston Panel Facia	2	20-Oct-14	21-Oct-14																
4-SG3020	Update Preston Panel Facia To Check Comments	1	22-Oct-14	22-Oct-14																
4-SG3030	CRE Review Preston Panel Facia	1	23-Oct-14	23-Oct-14																
4-SG3070	Produce Piccadilly Panel Facia For Distribution And Comment	2	23-Oct-14	24-Oct-14																
4-SG3040	Distribute Preston Panel Facia For Consultation With NR Operations	0		23-Oct-14																
4-SG3050	Commence Network Rail Ergonomics Assessment And Technical Approval Period	0	24-Oct-14																	
4-SG3060	Network Rail Ergonomics Assessment And Technical Approval Period (30 Days)	30	24-Oct-14	04-Dec-14																
4-SG3100	Receive Network Rail Ergonomics Assessment & Technical Approval Comments	0	05-Dec-14																	
4-SG3080	Check Piccadilly Panel Facia	1	27-Oct-14	27-Oct-14																
4-SG3190	CRE Review Piccadilly Panel Facia	1	28-Oct-14	28-Oct-14																
4-SG3110	Update Panel Facia(S) To NR Comments	3	05-Dec-14	09-Dec-14																
4-SG3120	Check Update Of Panel Facia(S) To NR Comments	1	10-Dec-14	10-Dec-14																

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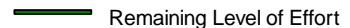
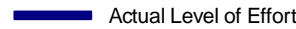
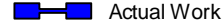


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					1	2	0	1	1	2	0	0	1	2	0	1	2	0	1	2	0	1	2
4-SG3130	CRE Review Update Of Panel Facia(S) To NR Comments	1	11-Dec-14	11-Dec-14																			
4-SG3140	Resubmit Pane Facia(S) For Approval	0		11-Dec-14																			
4-SG3150	NR Review And Approve Panel Facia(S)	5	12-Dec-14	18-Dec-14																			
4-SG3160	Panel Facia(S) Design Approved	0		18-Dec-14																			
4-SG3170	Issue GRIP 4 AFC Panel Facia(S) To Volker Rail For Construction	0		18-Dec-14																			
4-SG3090	Distribute Piccadilly Panel Facia For Consultation With NR Operations	0		28-Oct-14																			
CONTROL TABLES					54	28-Oct-14	09-Jan-15																
4-SG3240	Network Rail Review Control Tables	20	02-Dec-14	29-Dec-14																			
4-SG3200	Produce Control Tables (to Checked GRIP 4 Scheme Plan)	10	28-Oct-14	10-Nov-14																			
4-SG3210	Check Control Tables	10	11-Nov-14	24-Nov-14																			
4-SG3220	Update Control Tables to Check Comments	2	25-Nov-14	26-Nov-14																			
4-SG3230	CRE Review Control Tables	3	27-Nov-14	01-Dec-14																			
4-SG1580	SG05 - Issue Control Tables	0		01-Dec-14																			
4-SG3250	Update Control Tables to Comments Following Agreed MSRP SP Minutes	2	30-Dec-14	31-Dec-14																			
4-SG3260	Check Update to Control Tables	1	01-Jan-15	01-Jan-15																			
4-SG3270	Final CRE Review of Control Tables	1	02-Jan-15	02-Jan-15																			
4-SG3280	NR Review and Accept Control Tables	5	05-Jan-15	09-Jan-15																			
4-SG3290	Control Tables Accepted	0		09-Jan-15																			
LOCATION AREA PLAN					74	14-Oct-14	23-Jan-15																
4-SG4000	Produce Location Area Plan Based on Checked GRIP 4 Scheme Plan (New CAD Drawing)	5	14-Oct-14	20-Oct-14																			
4-SG4010	Check Location Area Plan	5	21-Oct-14	27-Oct-14																			
4-SG4020	Update Location Area Plan to Check Comments	2	28-Oct-14	29-Oct-14																			
4-SG4030	Check Location Area Plan Updates	1	30-Oct-14	30-Oct-14																			
4-SG4040	IDC Location Area Plan (Other Disciplines Designs Required)	5	31-Oct-14	06-Nov-14																			
4-SG4110	Issue Draft Location Plan to Volker for Location Siting	0		06-Nov-14																			
4-SG4050	Update Location Area Plan to any Bonding and IDC changes	2	10-Dec-14	11-Dec-14																			
4-SG4060	Check update of Location Area Plan to any Bonding and IDC changes	1	12-Dec-14	12-Dec-14																			
4-SG4070	CRE Review Location Area Plan	1	15-Dec-14	15-Dec-14																			
4-SG4080	SG14 - Issue Location Area Plan for Comment (Post MSRP)	0		19-Dec-14																			
4-SG4090	Network Rail Review Location Area Plan	10	22-Dec-14	02-Jan-15																			
4-SG4100	Update Location Area Plan to Network Rail comments	2	05-Jan-15	06-Jan-15																			
4-SG4120	Check update of Location Area Plan to Network Rail comments	1	07-Jan-15	07-Jan-15																			
4-SG4350	Receive Locations Siting Forms from Volker	0		20-Nov-14																			
4-SG4130	CRE Review Update of Location Area Plan to Network Rail comments	1	08-Jan-15	08-Jan-15																			
4-SG4140	Issue Location Area Plan for Acceptance (Post Scheme Plan and FPS Approval)	0		08-Jan-15																			
4-SG4150	Network Rail Accept Location Area Plan	10	09-Jan-15	22-Jan-15																			
4-SG4160	Location Area Plan Accepted	0		22-Jan-15																			
4-SG4170	Issue AFC Location Area Plan to Volker Rail	1	23-Jan-15	23-Jan-15																			
BONDING PLAN					50	07-Nov-14	15-Jan-15																
4-SG4180	Produce Bonding Plan (Create new CAD record)	5	07-Nov-14	13-Nov-14																			
4-SG4190	Check Bonding Plan	5	14-Nov-14	20-Nov-14																			
4-SG4200	Update Bonding Plan to Check Comments	2	21-Nov-14	24-Nov-14																			
4-SG4210	Check Bonding Plan Updates	1	25-Nov-14	25-Nov-14																			
4-SG4220	IDC Bonding Plan (Other Disciplines Designs Required)	5	26-Nov-14	02-Dec-14																			
4-SG4230	Update of Bonding to Correlation & IDC	5	03-Dec-14	09-Dec-14																			

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					1	2	0	1	2	0	0	1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	3
4-SG4240	Check Update of Bonding to Correlation & IDC	2	10-Dec-14	11-Dec-14																							
4-SG4250	CRE Review Bonding Plan	1	12-Dec-14	12-Dec-14																							
4-SG4260	SG12 -Issue Bonding Plan for Comment (Post MSRP)	0		19-Dec-14																							
4-SG4270	Network Rail Review Bonding Plan	10	22-Dec-14	02-Jan-15																							
4-SG4280	Update Bonding Plan to Network Rail comments	2	05-Jan-15	06-Jan-15																							
4-SG4290	Check Update of Bonding Plan to Network Rail Comments	1	07-Jan-15	07-Jan-15																							
4-SG4300	CRE Review Update of Bonding Plan to Network Rail Comments	1	08-Jan-15	08-Jan-15																							
4-SG4310	Issue Bonding Plan for Acceptance (Post Scheme Plan and FPS Approval)	0		08-Jan-15																							
4-SG4320	Network Rail Accept Bonding Plan	5	09-Jan-15	15-Jan-15																							
4-SG4330	Bonding Plan Accepted	0		15-Jan-15																							
4-SG4340	Issue AFC Bonding Plan to Volker Rail	0		15-Jan-15																							
TELECOM		96	19-Sep-14	02-Feb-15																							
4-TL1010	Update to IDC Comments	5	20-Nov-14	26-Nov-14																							
4-TL1020	Issue to NR	0		26-Nov-14																							
4-TL1030	NR PE Review	10	26-Nov-14	10-Dec-14																							
4-TL1040	RAM Review	19	10-Dec-14	09-Jan-15																							
4-TL1050	Receipt of DRN	0		09-Jan-15																							
4-TL1060	Respond to DRN	5	09-Jan-15	16-Jan-15																							
4-TL1070	DRN Returned	0		19-Jan-15																							
4-TL1090	DRN Acceptance	5	19-Jan-15	23-Jan-15																							
4-TL1100	Update Deliverables	5	23-Jan-15	30-Jan-15																							
4-TL1080	DRN Accepted	0		23-Jan-15																							
4-TL1120	CRE Review	1	30-Jan-15	02-Feb-15																							
4-TL1140	TL02- Issue Review AiP	0		02-Feb-15																							
4-TL1150	TL03- Issue Risk Assessment for Additional Telephones	0		02-Feb-15																							
4-TL1130	TL01- Issue Site Survey Report	0		30-Sep-14																							
4-TL1170	Review GRIP 3 Information	5	19-Sep-14	25-Sep-14																							
4-TL1190	Identify & Request Source Records	5	19-Sep-14	25-Sep-14																							
4-TL1200	Design Input Statement	1	26-Sep-14	26-Sep-14																							
4-TL1160	Carry out Site Survey	2	29-Sep-14	30-Sep-14																							
4-TL1210	Receive Source Records	30	29-Sep-14	07-Nov-14																							
4-TL1220	Produce Telecom Design	6	10-Nov-14	17-Nov-14																							
4-TL1230	Check Telecom Design	1	18-Nov-14	18-Nov-14																							
4-TL1240	CRE Review Telecom Design	1	19-Nov-14	19-Nov-14																							
4-TL1000	IDC	0		19-Nov-14																							
4-TL1180	Receive GRIP 3 Information	0	19-Sep-14																								
CIVILS, BUILDINGS & STATIONS		145	19-Sep-14	09-Apr-15																							
4-CV8220	CV07- Issue Form 2 - Statement of Design Intent	0		19-Sep-14																							
BRIDGES		145	19-Sep-14	09-Apr-15																							
BRIDGE 47		89	19-Sep-14	21-Jan-15																							
4-CV8600	IDC	0		30-Oct-14																							
4-CV1130	Review Bridge 47/47A Scope	10	17-Oct-14	30-Oct-14																							
4-CV1160	NR PE Review	10	06-Nov-14	20-Nov-14																							
4-CV1170	RAM Review	19	20-Nov-14	17-Dec-14																							
4-CV1180	Receipt of DRN	0		17-Dec-14																							
4-CV1190	Respond to DRN	5	17-Dec-14	24-Dec-14																							
4-CV1200	DRN Returned	0		29-Dec-14																							
4-CV1220	DRN Acceptance	5	29-Dec-14	05-Jan-15																							
4-CV1230	Update Deliverables	9	05-Jan-15	19-Jan-15																							
4-CV1210	DRN Accepted	0		05-Jan-15																							
4-CV1250	CRE Review	3	19-Jan-15	21-Jan-15																							

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Activity ID	Activity Name	Original Duration	Start	Finish	S	O	N	D	J	F	M	A	May 2015	J	July 2015	A	S	O	N	
					1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	0
4-CV1240	Issue Final	0	21-Jan-15																	
4-CV1150	CV07- Issue Form 2 to NR	0	06-Nov-14																	
4-CV8590	Update to IDC Comments	5	31-Oct-14	06-Nov-14																
4-CV1140	Produce Form 2 AIP Design	20	19-Sep-14	16-Oct-14																
BRIDGE 42					145	19-Sep-14	09-Apr-15													
4-CV1270	Produce Form 2 AIP Design	20	03-Oct-14	30-Oct-14																
4-CV8630	Form AA assessment	20	31-Oct-14	27-Nov-14																
4-CV8620	IDC	0		27-Nov-14																
4-CV1290	NR PE Review	10	04-Dec-14	18-Dec-14																
4-CV1390	Develop Planning Application to BwDC	10	04-Dec-14	18-Dec-14																
4-CV1300	RAM Review	19	18-Dec-14	19-Jan-15																
4-CV1310	Receipt of DRN	0		19-Jan-15																
4-CV1320	Respond to DRN	4	19-Jan-15	23-Jan-15																
4-CV1330	DRN Returned	0		26-Jan-15																
4-CV1350	DRN Acceptance	5	26-Jan-15	30-Jan-15																
4-CV1360	Update Deliverables	5	30-Jan-15	06-Feb-15																
4-CV1340	DRN Accepted	0		30-Jan-15																
4-CV1380	CRE Review	3	06-Feb-15	11-Feb-15																
4-CV1370	Issue Final	0		11-Feb-15																
4-CV1400	Submit Planning Application to BwDC	0		18-Dec-14																
4-CV1410	Planning Process	30	18-Dec-14	29-Jan-15																
4-CV1420	Planning Application Approved	0		29-Jan-15																
4-CV1430	Submit TRO (section 247) Application	0	29-Jan-15																	
4-CV1440	TRO Objection Period	20	29-Jan-15	26-Feb-15																
4-CV1450	TRO Approval	0		26-Feb-15																
4-CV1460	TRO High Court Challenge Period	30	26-Feb-15	09-Apr-15																
4-CV1470	TRO Approved	0		09-Apr-15																
4-CV1280	Issue Form BA to NR	0		04-Dec-14																
4-CV8610	Update to IDC Comments	5	28-Nov-14	04-Dec-14																
4-CV1260	Review Bridge 42 Design	10	19-Sep-14	02-Oct-14																
RETAINING WALLS					120	19-Sep-14	05-Mar-15													
4-CV8520	Check Retaining Walls Design	3	12-Dec-14	16-Dec-14																
4-CV8530	CRE Retaining Walls Design	1	17-Dec-14	17-Dec-14																
4-CV8660	IDC	0		17-Dec-14																
4-CV8690	NR PE Review	10	24-Dec-14	07-Jan-15																
4-CV8650	Wall Inspections	10	31-Oct-14	13-Nov-14																
4-CV8510	Produce Form 2 for Retaining Walls Design	20	14-Nov-14	11-Dec-14																
4-CV8670	Update to IDC Comments	5	18-Dec-14	24-Dec-14																
4-CV8540	CV06- Issue Form 2 - Detailed Assessment	0		24-Dec-14																
4-CV8700	RAM Review	19	07-Jan-15	03-Feb-15																
4-CV8710	Receipt of DRN	0		03-Feb-15																
4-CV8720	Respond to DRN	5	03-Feb-15	10-Feb-15																
4-CV8730	DRN Returned	0		11-Feb-15																
4-CV8740	DRN Acceptance	5	11-Feb-15	17-Feb-15																
4-CV8750	DRN Accepted	0		17-Feb-15																
4-CV8760	Update Deliverables	9	17-Feb-15	03-Mar-15																
4-CV8770	CRE Review	3	03-Mar-15	05-Mar-15																
4-CV8780	Issue Final	0		05-Mar-15																
4-CV8640	NR Vegetation Clearance	30	19-Sep-14	30-Oct-14																
ANCILLARY CIVILS					83	19-Sep-14	13-Jan-15													
4-CV8560	Check Ancillary Civils Design	3	17-Oct-14	21-Oct-14																
4-CV8570	CRE Ancillary Civils Design	1	22-Oct-14	22-Oct-14																

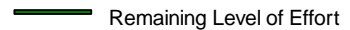
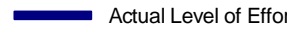
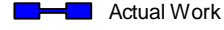



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					1	2	0	1	1	2	0	0	1	2	0	1	2	0	1	2	0	1	2
OM1000	CRE Review Schedule of New Wining Wigns	2	21-May-15	22-May-15																			
EMC		5	07-May-15	13-May-15																			
EC-1000	Produce EMC Strategy	5	07-May-15	13-May-15																			
EC-1010	Produce EMC Control Plan	5	07-May-15	13-May-15																			
EC-1020	Produce EMC Test Plan	5	07-May-15	13-May-15																			
PLANT (E&P)		115	19-Sep-14	26-Feb-15																			
POINTS HEATING DESIGN		103	19-Sep-14	10-Feb-15																			
4-PL1590	RAM Review	19	31-Dec-14	28-Jan-15																			
4-PL1670	CRE Review	1	09-Feb-15	10-Feb-15																			
4-PL1560	Update to IDC Comments	5	10-Dec-14	17-Dec-14																			
4-PL1570	Issue EP01 - Issue Form B Detailed Design to NR	0		17-Dec-14																			
4--PL1580	NR PE Review	10	17-Dec-14	31-Dec-14																			
4-PL1810	Review GRIP3 Information	5	19-Sep-14	25-Sep-14																			
4-PL1600	Receipt of DRN	0		28-Jan-15																			
4-PL1610	Respond to DRN	1	28-Jan-15	29-Jan-15																			
4-PL1620	DRN Returned	0		30-Jan-15																			
4-PL1640	DRN Acceptance	5	30-Jan-15	05-Feb-15																			
4--PL1650	Update Deliverables	2	05-Feb-15	09-Feb-15																			
4-PL1630	DRN Accepted & Receive "Signed Form B" Certificate	0		05-Feb-15																			
4-PL1660	Issue AFC Design	0		10-Feb-15																			
4-PL1870	Request Local PAN's from NR	0	26-Sep-14																				
4-PL1880	Site Survey	3	26-Sep-14	30-Sep-14																			
4-PL1890	Liaison with DNO Supplier	20	26-Sep-14	23-Oct-14																			
4-PL1550	IDC	0		10-Dec-14																			
4-PL1900	Receive NR PAN's	5	26-Sep-14	02-Oct-14																			
4-PL1910	Produce Form B Design Pack	15	18-Nov-14	09-Dec-14																			
4-PL1840	Check/CRE Approval	1	09-Dec-14	10-Dec-14																			
4-PL1580	Receive Form A/GRIP3 Information	0	19-Sep-14																				
SIGNALLING POWER SUPPLY		115	19-Sep-14	26-Feb-15																			
4-PL1720	RAM Review	19	19-Jan-15	13-Feb-15																			
4-PL1790	CRE Review	1	25-Feb-15	26-Feb-15																			
4-PL1730	Receipt of DRN	0		13-Feb-15																			
4-PL1740	Respond to DRN	1	13-Feb-15	16-Feb-15																			
4-PL1750	DRN Returned	0		17-Feb-15																			
4-PL1770	DRN Acceptance	5	17-Feb-15	23-Feb-15																			
4--PL1670	Update Deliverables	2	24-Feb-15	25-Feb-15																			
4-PL1760	DRN Accepted & Receive "Signed Form B" Certificate	0		23-Feb-15																			
4-PL1780	Issue AFC Design	0		26-Feb-15																			
4-PL2060	Site Survey (Inc within Points Heating)	0	01-Oct-14																				
4-PL1970	Review GRIP3 Information	5	19-Sep-14	25-Sep-14																			
4-PL2050	Request Local PAN's from NR	0	26-Sep-14																				
4-PL2070	Receive Blackburn PSP Info & PAN's from NR	5	26-Sep-14	02-Oct-14																			
4-PL2000	Produce Form B Design Pack	15	03-Dec-14	23-Dec-14																			
4-PL2020	Check/CRE Approval	1	24-Dec-14	24-Dec-14																			
4-PL2030	Update to IDC Comments	5	29-Dec-14	05-Jan-15																			
4-PL2010	IDC	0		24-Dec-14																			
4-PL2040	EP01 - Issue Form B Detailed Design to NR	0		05-Jan-15																			
4--PL1660	NR PE Review	10	05-Jan-15	19-Jan-15																			
4-PL1980	Receive NR PAN's	5	26-Sep-14	02-Oct-14																			
4-PL1960	Receive Form A/GRIP3 Information	0	19-Sep-14																				
SIGNALLING		164	19-Sep-14	06-May-15																			

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					1	2	0	1	1	2	0	0	1	2	0	1	2	0	1	2	0	1	2
5-SG1740	Check Signal Route Cards	3	26-Sep-14	30-Sep-14																			
5-SG1770	CRE Review Signal Route Cards	1	01-Oct-14	01-Oct-14																			
5-SG1720	SG13 - Issue Signal Route Cards	0		01-Oct-14																			
5-SG1820	SG23 - Issue Operating Notices	0		19-Sep-14																			
5-SG1730	Produce Signal Route Cards	5	19-Sep-14	25-Sep-14																			
SIGANNLING DESIGN SPECS (SDS)					20	01-Dec-14	26-Dec-14																
5-SG1530	Produce Signaling Design Specification based on Submitted FPS	5	01-Dec-14	05-Dec-14																			
5-SG1540	Check Signaling Design Specification	3	08-Dec-14	10-Dec-14																			
5-SG1860	SDS Coordination Meeting	0		10-Dec-14																			
5-SG1550	Update Signaling Design Specification to Check Comments	1	11-Dec-14	11-Dec-14																			
5-SG1870	CRE Review Signaling Design Specification	1	12-Dec-14	12-Dec-14																			
5-SG1880	Update Signaling Design Specification to CRE comments	1	15-Dec-14	15-Dec-14																			
5-SG1890	SG28 -Issue Signaling Design Specification for Comment	0		15-Dec-14																			
5-SG1900	All Parties Review Signaling Design Specification	5	16-Dec-14	22-Dec-14																			
5-SG1910	Meeting to Ratify Signaling Design Specification	1	23-Dec-14	23-Dec-14																			
5-SG1920	Update Signaling Design Specification to Comments	1	24-Dec-14	24-Dec-14																			
5-SG1930	Check Update of Signaling Design Specification to Network Rail comments	1	25-Dec-14	25-Dec-14																			
5-SG1940	Issue Signaling Design Specification for Network Rail Acceptance	0		25-Dec-14																			
5-SG1950	Close out DRN for Signaling Design Specification	1	26-Dec-14	26-Dec-14																			
5-SG1960	Signaling Design Specification Accepted	0		26-Dec-14																			
TEMPORARY DECOMMISSIONING OF DARWEN LOOP STAGE (MINIMAL D1)					32	15-Dec-14	27-Jan-15																
5-SG1970	Produce Stage Work Design	5	15-Dec-14	19-Dec-14																			
5-SG1980	Check Stage Work Design	3	22-Dec-14	24-Dec-14																			
5-SG1990	Update Stage Work Design to Check Comments	1	25-Dec-14	25-Dec-14																			
5-SG2000	Re-check Stage Work Design	1	26-Dec-14	26-Dec-14																			
5-SG2010	CRE Review Stage Work Design	1	29-Dec-14	29-Dec-14																			
5-SG2020	Update Stage Work Design to CRE comments	1	30-Dec-14	30-Dec-14																			
5-SG2030	Check Update of Stage Work Design to CRE Comments	1	31-Dec-14	31-Dec-14																			
5-SG2040	Issue Stage Work Design for Network Rail Acceptance	0		31-Dec-14																			
5-SG2050	Network Rail Review Stage Work Design	10	01-Jan-15	14-Jan-15																			
5-SG2060	Update Stage Work Design to Network Rail Comments	1	15-Jan-15	15-Jan-15																			
5-SG2070	Check Update of Stage Work Design to Network Rail Comments	1	16-Jan-15	16-Jan-15																			
5-SG2080	Close out DRN for Stage Work Design	5	19-Jan-15	23-Jan-15																			
5-SG2090	Issue Stage Work Design AFC Copies	2	26-Jan-15	27-Jan-15																			
FINAL STAGE INTERLOCKING DESIGN					81	01-Jan-15	23-Apr-15																
5-SG2100	Produce Final Stage Interlocking Design	20	01-Jan-15	28-Jan-15																			
5-SG2110	Check Final Stage Interlocking Design	15	29-Jan-15	18-Feb-15																			
5-SG2120	Update Final Stage Interlocking Design to Checking Comments	5	19-Feb-15	25-Feb-15																			
5-SG2130	Re-check Final Stage Interlocking Design	3	26-Feb-15	02-Mar-15																			
5-SG2140	CRE Review Final Stage Interlocking Design	3	03-Mar-15	05-Mar-15																			
5-SG2150	Update Final Stage Interlocking Design to CRE comments	2	06-Mar-15	09-Mar-15																			
5-SG2160	Check Update of Final Stage Interlocking Design to CRE comments	3	10-Mar-15	12-Mar-15																			
5-SG2170	SG15 -Issue Final Stage Interlocking Design for Network Rail Acceptance	0		12-Mar-15																			
5-SG2180	Network Rail Review Final Stage Interlocking Design	20	13-Mar-15	09-Apr-15																			
5-SG2190	Update Final Stage Interlocking Design to Network Rail comments	3	10-Apr-15	14-Apr-15																			
5-SG2200	Check Update of Final Stage Interlocking Design to Network Rail comments	2	15-Apr-15	16-Apr-15																			

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					1	2	0	1	2	0	0	1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	3
					1	2	0	1	2	0	0	1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	3
5-TL1500	CRE Review Detail Design - Voice Recorder	1	10-Oct-14	10-Oct-14																							
5-TL1420	Check Detail Design - Lineside Telephones	1	10-Oct-14	10-Oct-14																							
5-TL1430	Check Temporary Cable Protection Measures	1	10-Oct-14	10-Oct-14																							
5-TL1440	Check Test Strategy & Test Plan	1	03-Oct-14	03-Oct-14																							
5-TL1450	CRE Review Detail Design - Cable Routes	1	13-Oct-14	13-Oct-14																							
5-TL1460	CRE Review Detail Design - Cables Copper	1	13-Oct-14	13-Oct-14																							
5-TL1470	CRE Review Detail Design - Cables Fibre	1	13-Oct-14	13-Oct-14																							
5-TL1480	CRE Review Detail Design - Radio Systems	1	13-Oct-14	13-Oct-14																							
5-TL1490	CRE Review Detail Design - SPT Concentrator	1	13-Oct-14	13-Oct-14																							
5-TL1510	CRE Review Detail Design - Lineside Telephones	1	13-Oct-14	13-Oct-14																							
5-TL1520	CRE Review Temporary Cable Protection Measures	1	13-Oct-14	13-Oct-14																							
5-TL1530	CRE Review Test Strategy & Test Plan	1	06-Oct-14	06-Oct-14																							
5-TL1130	TL04- Issue Detail Design - Cable Routes	0		13-Oct-14																							
5-TL1140	TL05- Issue Detail Design - Cables Copper	0		13-Oct-14																							
5-TL1150	TL06- Issue Detail Design - Cables Fibre	0		13-Oct-14																							
5-TL1160	TL07- Issue Detail Design - Radio Systems	0		13-Oct-14																							
5-TL1170	TL08- Issue Detail Design - SPT Concentrator	0		13-Oct-14																							
5-TL1180	TL09- Issue Detail Design - Voice Recorder	0		10-Oct-14																							
5-TL1190	TL10- Issue Detail Design - Lineside Telephones	0		13-Oct-14																							
5-TL1200	TL11- Issue Temporary Cable Protection Measures	0		13-Oct-14																							
5-TL1210	TL12- Issue Test Strategy & Test Plan	0		06-Oct-14																							
5-TL1220	Update Cable Routes Strategy	5	19-Sep-14	25-Sep-14																							
5-TL1350	Produce Test Strategy & Test Plan	10	19-Sep-14	02-Oct-14																							

CIVILS, BUILDINGS & STATIONS

BRIDGE 47				110	21-Jan-15	24-Jun-15																	
5-CV1600	Produce Form 3 Detailed Design	40	21-Jan-15	18-Mar-15																			
5-CV1740	Check Form 3 Detailed Design	30	04-Feb-15	18-Mar-15																			
5-CV1710	NR PE Review	10	10-Apr-15	24-Apr-15																			
5-CV1630	Receipt of DRN	0		22-May-15																			
5-CV1640	Respond to DRN	5	22-May-15	01-Jun-15																			
5-CV1680	DRN Returned	0		01-Jun-15																			
5-CV1660	Update Deliverables	9	08-Jun-15	22-Jun-15																			
5-CV1700	CRE Review	3	22-Jun-15	24-Jun-15																			
5-CV1690	DRN Acceptance	5	02-Jun-15	08-Jun-15																			
5-CV1650	DRN Accepted	0		08-Jun-15																			
5-CV1670	Issue Final	0		24-Jun-15																			
5-CV1620	RAM Review	19	24-Apr-15	22-May-15																			
5-CV1610	Issue Form 3 to NR	0		10-Apr-15																			
5-CV1720	Update to IDC Comments	5	01-Apr-15	10-Apr-15																			
5-CV1750	Contractor Review	10	18-Mar-15	01-Apr-15																			
5-CV1730	IDC	0		01-Apr-15																			
BRIDGE 42				93	11-Feb-15	22-Jun-15																	
5-CV1760	Produce Form 3 Detailed Design	30	11-Feb-15	25-Mar-15																			
5-CV1770	Check Form 3 Detailed Design	20	25-Feb-15	25-Mar-15																			
5-CV1780	Contractor Review	10	25-Mar-15	08-Apr-15																			
5-CV1800	IDC	0		08-Apr-15																			
5-CV1810	Issue Form 3 to NR	0		14-Apr-15																			
5-CV1790	Update to IDC Comments	5	08-Apr-15	14-Apr-15																			
5-CV1820	NR PE Review	10	15-Apr-15	28-Apr-15																			
5-CV1830	RAM Review	19	29-Apr-15	27-May-15																			
5-CV1840	Receipt of DRN	0		27-May-15																			
5-CV1850	Respond to DRN	5	27-May-15	03-Jun-15																			

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					1	2	0	1	1	2	0	0	1	2	2	0	1	2	0	1	2
5-CV1860	DRN Returned	0		04-Jun-15																	◆ DRN Returned
5-CV1870	DRN Acceptance	5	04-Jun-15	11-Jun-15																	■ DRN Acceptance
5-CV1880	DRN Accepted	0		11-Jun-15																	◆ DRN Accepted
5-CV1890	Update Deliverables	5	11-Jun-15	17-Jun-15																	■ Update Deliverables
5-CV1900	CRE Review	3	17-Jun-15	22-Jun-15																	■ CRE Review
5-CV1910	Issue Final	0		22-Jun-15																	◆ Issue Final
RETAINING WALLS					95	24-Dec-14	06-May-15														
5-CV1440	Produce Retaining Walls Design	20	24-Dec-14	21-Jan-15																	■ Produce Retaining Walls Design
5-CV1450	Check Retaining Walls Design	15	21-Jan-15	11-Feb-15																	■ Check Retaining Walls Design
5-CV1460	CRE Retaining Walls Design	1	11-Feb-15	12-Feb-15																	■ CRE Retaining Walls Design
5-CV2180	IDC	0		12-Feb-15																	◆ IDC
5-CV2190	Update to IDC Comments	5	12-Feb-15	19-Feb-15																	■ Update to IDC Comments
5-CV1470	CV08- Issue Form 3 - Detailed Design	0		19-Feb-15																	◆ CV08- Issue Form 3 - Detailed Design
5-CV2200	Issue Form 2 to NR	0		19-Feb-15																	◆ Issue Form 2 to NR
5-CV2210	NR PE Review	10	19-Feb-15	05-Mar-15																	■ NR PE Review
5-CV2220	RAM Review	19	05-Mar-15	01-Apr-15																	■ RAM Review
5-CV2230	Receipt of DRN	0		01-Apr-15																	◆ Receipt of DRN
5-CV2240	Respond to DRN	5	01-Apr-15	09-Apr-15																	■ Respond to DRN
5-CV2250	DRN Returned	0		10-Apr-15																	◆ DRN Returned
5-CV2260	DRN Acceptance	5	10-Apr-15	17-Apr-15																	■ DRN Acceptance
5-CV2270	DRN Accepted	0		17-Apr-15																	◆ DRN Accepted
5-CV2280	Update Deliverables	9	17-Apr-15	30-Apr-15																	■ Update Deliverables
5-CV2290	CRE Review	3	30-Apr-15	06-May-15																	■ CRE Review
5-CV1570	CV09- Issue AFC Drawings and Documents	0		06-May-15																	◆ CV09- Issue AFC Drawings and Documents
ANCILLARY CIVILS					83	29-Oct-14	23-Feb-15														
5-CV1480	Produce Ancillary Civils Design	20	29-Oct-14	26-Nov-14																	■ Produce Ancillary Civils Design
5-CV1490	Check Ancillary Civils Design	3	26-Nov-14	01-Dec-14																	■ Check Ancillary Civils Design
5-CV1500	CRE Ancillary Civils Design	1	01-Dec-14	02-Dec-14																	■ CRE Ancillary Civils Design
5-CV2300	IDC	0		02-Dec-14																	◆ IDC
5-CV2330	NR PE Review	10	09-Dec-14	23-Dec-14																	■ NR PE Review
5-CV2310	Update to IDC Comments	5	02-Dec-14	09-Dec-14																	■ Update to IDC Comments
5-CV1510	CV08- Issue Form 3 - Detailed Design	0		09-Dec-14																	◆ CV08- Issue Form 3 - Detailed Design
5-CV2340	RAM Review	19	23-Dec-14	22-Jan-15																	■ RAM Review
5-CV2350	Receipt of DRN	0		22-Jan-15																	◆ Receipt of DRN
5-CV2360	Respond to DRN	5	22-Jan-15	28-Jan-15																	■ Respond to DRN
5-CV2370	DRN Returned	0		29-Jan-15																	◆ DRN Returned
5-CV2380	DRN Acceptance	5	29-Jan-15	05-Feb-15																	■ DRN Acceptance
5-CV2390	DRN Accepted	0		05-Feb-15																	◆ DRN Accepted
5-CV2400	Update Deliverables	9	05-Feb-15	18-Feb-15																	■ Update Deliverables
5-CV2410	CRE Review	3	18-Feb-15	23-Feb-15																	■ CRE Review
5-CV1580	CV09- Issue AFC Drawings and Documents	0		23-Feb-15																	◆ CV09- Issue AFC Drawings and Documents
CULVERTS					113	19-Sep-14	25-Feb-15														
5-CV1410	Check Form 2 Detail Design	5	28-Nov-14	04-Dec-14																	■ Check Form 2 Detail Design
5-CV1420	CRE Form 2 Detail Design	1	05-Dec-14	05-Dec-14																	■ CRE Form 2 Detail Design
5-CV1930	IDC	0		05-Dec-14																	◆ IDC
5-CV1950	NR PE Review	10	12-Dec-14	26-Dec-14																	■ NR PE Review
5-CV1430	CV08- Issue Form 2 - Detailed Design	0		12-Dec-14																	◆ CV08- Issue Form 2 - Detailed Design
5-CV1920	Update to IDC Comments	5	08-Dec-14	12-Dec-14																	■ Update to IDC Comments
5-CV1960	RAM Review	19	29-Dec-14	23-Jan-15																	■ RAM Review
5-CV1970	Receipt of DRN	0		23-Jan-15																	◆ Receipt of DRN
5-CV1980	Respond to DRN	5	23-Jan-15	30-Jan-15																	■ Respond to DRN
5-CV1990	DRN Returned	0		02-Feb-15																	◆ DRN Returned

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Activity ID	Activity Name	Original Duration	Start	Finish	S	O	N	D	J	F	M	A	May 2015	J	July 2015	A	S	O	N				
					1	2	2	0	1	1	2	0	0	1	2	0	0	1	2	3	0	1	2
					1	2	0	0	1	2	0	1	2	0	1	2	0	1	2	3	0	1	2
5-CV2000	DRN Acceptance	5	02-Feb-15	09-Feb-15																			
5-CV2010	DRN Accepted	0		09-Feb-15																			
5-CV2020	Update Deliverables	9	09-Feb-15	20-Feb-15																			
5-CV2030	CRE Review	3	20-Feb-15	25-Feb-15																			
5-CV2040	CV09- Issue AFC Drawings and Documents	0		25-Feb-15																			
5-CV1520	Culvert CCTV Survey	30	19-Sep-14	30-Oct-14																			
5-CV1400	Produce Form 2 Detail Design	20	31-Oct-14	27-Nov-14																			
GEOTECHNICAL DESIGN					6	03-Oct-14	10-Oct-14																
5-CV1350	Check Geotechnical Design Report	2	08-Oct-14	09-Oct-14																			
5-CV1360	CRE Review Geotechnical Design Report	1	10-Oct-14	10-Oct-14																			
5-CV1300	CV05- Issue Geotechnical Design Report	0		10-Oct-14																			
5-CV1340	Produce Geotechnical Design Report	3	03-Oct-14	07-Oct-14																			
GROUND AND STRUCTURES INVESTIGATION					5	14-Nov-14	20-Nov-14																
5-CV1380	Check Factual Ground and Structures Investigation Report	1	19-Nov-14	19-Nov-14																			
5-CV1390	CRE Review Factual Ground and Structures Investigation Report	1	20-Nov-14	20-Nov-14																			
5-CV1290	CV04- Issue Factual Ground and Structures Investigation Report	0		20-Nov-14																			
5-CV1370	Produce Factual Ground and Structures Investigation Report	3	14-Nov-14	18-Nov-14																			
Construction pre blockade					216	19-Sep-14	17-Jul-15																
Track					184	03-Nov-14	16-Jul-15																
A8050	Produce WPP	5	03-Nov-14	07-Nov-14																			
A6890	Layout all materials for relays - IBJs, twist rails, tarram, fish plates	0	04-Jul-15	04-Jul-15																			
A6950	Deliver materials for build areas	1	06-Jun-15	13-Jun-15																			
A7030	WHITE BOARD FOR KEY STAFF & WALKOUT	1	16-Jul-15*	16-Jul-15																			
A6870	T-22 Delap survey & Kirow team walkout	1	21-Feb-15*	21-Feb-15																			
A6930	Deliver sand for stage 1a	1	11-Jul-15	11-Jul-15																			
A6970	Long Welded rail train drop x 26 CEN 58	2	23-May-15	06-Jun-15																			
A6990	Prep rail drop areas including trial holes	5	10-Jul-15	16-Jul-15																			
A7000	Long Welded Train staff walkout	3	21-Apr-15*	23-Apr-15																			
A6880	Mark up stages 1a, 1b, 2, 3, 4, 5, 6 & 7	10	03-Jul-15	16-Jul-15																			
A6910	Deliver 784 points	0	20-Jun-15	20-Jun-15																			
A6940	Deliver 786 points & F27 stage 2 sleepers	1	13-Jun-15	20-Jun-15																			
A6860	T-22 Letter drop	2	23-Feb-15*	24-Feb-15																			
A7020	GREY BOARD FOR KEY STAFF	1	09-Jul-15*	09-Jul-15																			
Signalling					216	19-Sep-14	17-Jul-15																
A7970	Produce Testing Strategy	5	15-Dec-14	19-Dec-14																			
A6730	Deliver new locs to site	2	04-Jul-15	11-Jul-15																			
A6760	Installation to interlocking	25	15-Jun-15	17-Jul-15																			
A6750	Installation to existing location cases	10	06-Jul-15	17-Jul-15																			
A6740	Install new signals	3	27-Jun-15	11-Jul-15																			
A7980	Produce T&C Plan	5	07-May-15	13-May-15																			
A8090	Terminate cables	25	15-Jun-15	17-Jul-15																			
A8060	Run new cables	4	20-Jun-15	11-Jul-15																			
A5940	Pre-fab new location cases	40	19-Feb-15	15-Apr-15																			
A7950	Produce Signalling & installation WPP	5	19-Sep-14	25-Sep-14																			
Civils					185	03-Nov-14	17-Jul-15																
A8070	Install Cable route	10	08-Jun-15	19-Jun-15																			
A8040	Produce WPP for civils	5	03-Nov-14	07-Nov-14																			
A6720	Install ancillary civils foundations	20	07-Jun-15	27-Jun-15																			

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					1	2	0	1	1	2	0	0	1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	3
A6800	Arrange road closures for UB42 & UB47	90	16-Mar-15	17-Jul-15																								
Blockade Works		20	16-Jul-15	14-Aug-15																								
A8080	Hand back possession	0		14-Aug-15																								
A7040	Blockade Start	0	16-Jul-15																									
Signalling		20	16-Jul-15	14-Aug-15																								
A5710	Install track tails	15	18-Jul-15	02-Aug-15																								
A6770	Undertake TD & TDM modifications	4	18-Jul-15	22-Jul-15																								
A5730	Electrically setup new points	2	26-Jul-15	28-Jul-15																								
A5720	Install AWS & TPWS	2	07-Aug-15	07-Aug-15																								
A5740	Change over new works	3	18-Jul-15	21-Jul-15																								
A5410	Signalling Disconnections	0	18-Jul-15*	18-Jul-15																								
A6310	Pre-testing	20	17-Jul-15	24-Jul-15																								
A5420	Stage 1 Recoveries/ Relocate Westpac (Wheels Free)	1	17-Jul-15	17-Jul-15																								
A5760	Signalling Wheels Free requirements	3	11-Aug-15	14-Aug-15																								
A6790	Panel Alterations x 3	10	16-Jul-15	20-Jul-15																								
A5750	Signalling Commissioning	9	07-Aug-15	14-Aug-15																								
Civils		7	16-Jul-15	28-Jul-15																								
A6810	Bridge 42 works	1	18-Jul-15	25-Jul-15																								
A6820	Bridge 47 works	3	25-Jul-15	28-Jul-15																								
A6830	Retaining wall 34780works between bridges 40 & 41.	13	16-Jul-15	21-Jul-15																								
A6780	Removal of pipe bridge foundation	2	16-Jul-15	17-Jul-15																								
A6850	Install new retaining wall	5	17-Jul-15	21-Jul-15																								
A6840	Install culverts	5	17-Jul-15	21-Jul-15																								
Track		13	22-Jul-15	08-Aug-15																								
A6250	Stage 1a Offloading materials	1	22-Jul-15	22-Jul-15																								
A7050	Stage 1a Loading Spoil	0	23-Jul-15	24-Jul-15																								
A5780	Stage 1b renewal	1	23-Jul-15	23-Jul-15																								
A7090	Stage 1b Loading spoil	1	24-Jul-15	24-Jul-15																								
A7130	Stage 2 Loading spoil	1	26-Jul-15	27-Jul-15																								
A7270	Stage 3 Tamp	1	31-Jul-15	01-Aug-15																								
A7160	Stage 4 Tamp	1	02-Aug-15	02-Aug-15																								
A5820	Stage 5 Renewal	2	03-Aug-15	05-Aug-15																								
A7190	Stage 5 Tamp	1	05-Aug-15	05-Aug-15																								
A5830	Stage 6 Renewal	1	06-Aug-15	07-Aug-15																								
A7230	Stage 6 Tamp	0	07-Aug-15	07-Aug-15																								
A5840	Stage 7 Renewal	1	07-Aug-15	07-Aug-15																								
A7320	Stage 7 Tamp	0	07-Aug-15	08-Aug-15																								
A7080	Stage 1b Offloading materials	1	22-Jul-15	22-Jul-15																								
A5770	Stage 1a Renewal	1	22-Jul-15	23-Jul-15																								
A5810	Stage 4 Renewal	3	01-Aug-15	02-Aug-15																								
A7060	Stage 1a Tamp	0	24-Jul-15	24-Jul-15																								
A7070	Stage 1a Weld and stress	1	24-Jul-15	26-Jul-15																								
A7140	Stage 2 Offload materials	0	22-Jul-15	22-Jul-15																								
A7100	Stage 1b Tamp	1	24-Jul-15	25-Jul-15																								
A7110	Stage 1b weld and stress	2	25-Jul-15	27-Jul-15																								
A7290	Stage 2 Tamp	1	28-Jul-15	28-Jul-15																								
A7300	Stage 2 Temp slue	0	27-Jul-15	27-Jul-15																								
A5790	Stage 2 Renewal	2	24-Jul-15	26-Jul-15																								
A7170	Stage 4 Weld	1	02-Aug-15	03-Aug-15																								
A7180	Stage 5 Prep	0	03-Aug-15	03-Aug-15																								
A7200	Stage 5 Weld	1	05-Aug-15	06-Aug-15																								

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					1	2	3	0	1	2	0	0	1	2	2	0	1	2	3	0	1	2	0	1	2	3
					1	2	3	0	1	2	0	0	1	2	2	0	1	2	3	0	1	2	0	1	2	3
A7210	Stage 5 Stress	1	06-Aug-15	06-Aug-15														Stage 5 Stress								
A7220	Stage 6 Prep	0	06-Aug-15	06-Aug-15														Stage 6 Prep								
A7240	Stage 6 Weld	1	07-Aug-15	07-Aug-15														Stage 6 Weld								
A7310	Stage 7 Prep	0	07-Aug-15	07-Aug-15														Stage 7 Prep								
A7150	Stage 4 Prep	0	01-Aug-15	01-Aug-15														Stage 4 Prep								
A7250	Stage 3 Stress	1	01-Aug-15	01-Aug-15														Stage 3 Stress								
A7260	Stage 3 Weld	1	01-Aug-15	01-Aug-15														Stage 3 Weld								
A5800	Stage 3 Renewal	3	28-Jul-15	31-Jul-15														Stage 3 Renewal								
A7280	Stage 3 prep	0	28-Jul-15	28-Jul-15														Stage 3 prep								
A7120	Stage 2 Weld	1	27-Jul-15	28-Jul-15														Stage 2 Weld								
A7330	Stage 7 Weld	1	08-Aug-15	08-Aug-15														Stage 7 Weld								
A7350	Stress stages 2, 4 & 7	1	08-Aug-15	08-Aug-15														Stress stages 2, 4 & 7								
M&E		1	16-Jul-15	18-Jul-15																						
A7890	Shutdown Blackburn Feeder	0	16-Jul-15	16-Jul-15														Shutdown Blackburn Feeder								
A7900	Re energise Blackburn Feeder	0	18-Jul-15	18-Jul-15														Re energise Blackburn Feeder								
A7880	Install EPR relay	1	17-Jul-15	17-Jul-15														Install EPR relay								
A7910	Commision new 650v feeder	0	18-Jul-15	18-Jul-15														Commmision new 650v feeder								
Telecoms		5	18-Jul-15	27-Jul-15																						
A8000	Install new or relocate SPT's	5	18-Jul-15	20-Jul-15														Install new or relocate SPT's								
A8010	Install PZT's 782 & 786	5	20-Jul-15	24-Jul-15														Install PZT's 782 & 786								
A8020	Preston PSB Concentrator modifications	5	24-Jul-15	26-Jul-15														Preston PSB Concentrator modifica								
A8030	Test & commissioning	2	26-Jul-15	27-Jul-15														Test & commissioning								
Project close		45	14-Aug-15	15-Oct-15																						
A7940	Follow up tamps	6	15-Aug-15	19-Sep-15														Follow up tamps								
A7930	Handback worksite to Maintenance	30	14-Aug-15	24-Sep-15														Handback wo								
A7920	Update and return signalling source records	40	20-Aug-15	15-Oct-15														Update								

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