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	Form Ref	NR/L2/INI/02009/F0047	Issue Date	04/06/2011	Issue	01

INTERDISCIPLINARY CHECK / REVIEW CERTIFICATE						Page
UID No: 140569		Stage: GRIP STAGE 2				
Project Name:						
						Certificate No: 47070043-SW-IDC/R

METROWEST – PHASE 1
Portishead Line Reopening

Description of Design Being Reviewed:

Reopening of the former branch line to Portishead. Involves the relaying of 3.5 miles of single line from Portbury Dock Jn. to Portishead and the conversion to passenger status of the existing freight route between Parson Street Jn. and Portbury Dock Jn. New stations will be constructed at Portishead and Pill. A turnback facility will be created for Portishead services at Bathampton Jn.

Discipline Checked	Trackbed Investigation	Permanent Way Design	Signalling Design	Civils & Structural Engineering Design	E&P Design	Telecomms Design
Trackbed Investigation						
Permanent Way Design						
Signalling Design						
Civils & Structural Engineering Design						
E&P Design						
Telecomms Design						

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IDC Statement:

We the undersigned certify that the drawings listed on the attached schedule(s) in respect of the above project have been the subject of an Interdisciplinary Check, undertaken to eliminate areas of discrepancy between disciplines. This check assumes normal design checks, in accordance with the relevant British, European, Railway Group and Network Rail Company Standards have been carried out by the relevant design organisation(s).

Contractor's Engineer Responsible for Interdisciplinary Check

Function	Contractor	Name	Title	Signature	Date
Trackbed Investigation	URS	David Kite	CRE (TBI)		
Permanent Way	URS	Pete Hillier	CEM		
Signalling	Network Rail (SDG)	Andrew Buller	CRE (Signalling)		
Civil & Structural engineering	URS	Steve Turner	CRE (Civils)		
E&P Engineering	URS	Chris Spellman	CRE (E&P)		
Telecomms	URS	Kevin Goode	CRE (Telecomms)		

IDR Statement:

We the undersigned certify that the drawings listed on the attached schedule(s) in respect of the above project have been the subject of an Interdisciplinary Review, undertaken to eliminate areas of discrepancy between disciplines.

Network Rail Staff Responsible for Interdisciplinary Reviews

Function	Name	Title	Signature	Date
Track	Nick Lake	DPE		
E&P	Tom Garner	PE – E&P		
Signalling	Matt Redstone	PE – Signalling		
Telecomms	Geoff Thomas	PE – Telecomms		
Civil & Structural Engineering	Dale Hall	PE – Civils & Structural Eng.		

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I certify that all reasonable professional skill and care have been used in the IDC / IDR described above. I certify that the staff that have carried out the IDC / IDR described above are suitably qualified and competent to carry out these duties. (To be completed by the Designated Project Engineer for the project).

Name: Nick Lake	Signature:	Date:
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I confirm that all the relevant disciplines HAVE / HAVE NOT* satisfactorily completed the IDC / IDR Process on the above documents and the Process IS / IS NOT* complete. (To be completed by the Designated Project Engineer for the project)

Comments Attached YES / NO*

Name: Nick Lake	Signature:	Date:
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This sheet to be attached to Office Copy of Design Drawing and Network Rail Acceptance Review Copy.

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SCHEDULE OF DRAWINGS - The IDC / IDR was carried out with reference to the following design drawings

Category					
1	Accepted – Proceed to the next stage in the process.				
2	Accepted – Proceed to the next stage in the process subject to the design being updated to the attached comments and an updated copy being submitted to the DPE for records.				
3A	Rejected – Do not proceed the design is to be amended and reissued; recommence the IDC and IDR process; the Acceptance Review of the resubmitted design will only review the update to the comments raised.				
3B	Rejected - Do not proceed the design is to be amended and reissued; recommence the IDC and IDR process; the Acceptance Review of the resubmitted design will consider the entire design as if it were a new submission.				
4	Note.				
No.	Document No.	Revision	Document Title		Cat
	Permanent Way				
1	47070043-SW-PW-DRG-7001	P02	Outline 1-1000 Scale Alignment Plan Sheet 1		
2	47070043-SW-PW-DRG-7002	P02	Outline 1-1000 Scale Alignment Plan Sheet 1		
3	47070043-SW-PW-DRG-7003	P02	Outline 1-1000 Scale Alignment Plan Sheet 3		
4	47070043-SW-PW-DRG-7004	P02	Bathampton Jn.- Proposed Turnback Facility		
	Civil & Structural Engineering				
5	47070043-SW-CIV-DRG-0001	P01	Pill Station Car Park – Outline GA		
6	47070043-SW-CIV-DRG-0002	P01	Pill Tunnel Evacuation Route Plan		
7	47070043-SW-CIV-DRG-0011	P01	Galingale Way – Footbridge Option 1 Plan		
8	47070043-SW-CIV-DRG-0012	P01	Galingale Way – Footbridge Option 2 Plan		
9	47070043-SW-CIV-DRG-0013	P01	Galingale Way – Footbridge Elevations Opt. 1		
10	47070043-SW-CIV-DRG-0014	P01	Galingale Way – Footbridge Elevations Opt. 2		
11	47070043-SW-CIV-DRG-0021	P01	Portishead Station Option 2A - GA		
12	47070043-SW-CIV-DRG-0022	P01	Portishead Station Car Park Option 2A - GA		
13	47070043-SW-CIV-DRG-0023	P01	Portishead Station Option 2B - GA		
14	47070043-SW-CIV-DRG-0024	P01	Portishead Station Car Park Option 2B - GA		
15	47070043-SW-CIV-DRG-0031	P01	Sheepway Gate Farm Overbridge - GA		
16	47070043-SW-CIV-DRG-0032	P01	Sheepway Gate Farm O/B – sections/elevations – Option 1		
17	47070043-SW-CIV-DRG-0033	P01	Sheepway Gate Farm O/B – sections/elevations – Option 2		

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	Signalling				
18	140569-SDG-001		Scheme Sketch – Parson Street to Portishead		
19	140569-SDG-002		Scheme Sketch – Bedminster to Parson Street		
20	140569-SDG-003		Scheme Sketch – Bathampton Jn.		
	Trackbed Investigation				
21	47070043-WT-PL-140569	001	Trackbed Investigation – Factual Report		
22	47070043-WT-PL-140569	002	Trackbed Investigation – Interpretive Report		

This sheet to be attached to Office Copy of Design Drawing

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SCHEDULE OF INTERFACE ISSUES

Category						
1 Accepted – Proceed to the next stage in the process.						
Document No.	Issue	Category	Raised by	Response by	Date Due	
140569-SDG-001	Sig Scheme Sketch to be revised to show Portishead station on north side of single line and moved to straddle Quays Ave.	2	P. Hillier	A. Buller	18-5-14	
140569-SDG-001	Sig Scheme Sketch to be revised to show proposed linespeeds in line with p.way plan	2	P. Hillier	A. Buller	18-5-14	
47070043-SW-PW-DRG-7001 47070043-SW-CIV-DRG-0001	Potential NR compound and track access point at Pill station car park to be detailed on P. way alignment and Civils car park GA	2	Rachel Leighfield Finch	P. Hillier S Turner	18-5-14	
47070043-SW-PW-DRG-7003	P. Way drawing to be amended to show extent of recent additional housing in Moor Lane area	2	Rachel Leighfield Finch	P. Hillier	18-5-14	
47070043-SW-PW-DRG-7003	P. Way drawing to be revised to show excavation exclusion zone either side of oil pipeline crossing	2	Rachel Leighfield Finch	P. Hillier	18-5-14	
47070043-SW-PM-REP-1001	Conflict between access ramp to Pill station and an existing DNO supply. Feasibility report to record requirement to move DNO supply at the next design phase.	2	S. Turner	C Spellman	18-5-14	
General Actions From IDC/R Meeting						
<ul style="list-style-type: none"> Carolyn Francis to continue to engage with NSC and NR to close out potential issues with Air Quality and encroachment into SSSI. Chris Spellman to advise NR of total additional signalling power supply requirements at Bathampton Jn. Parson Street and Ashton Gate Chris Spellman to discuss alternative methods of lighting the Galingale Way footbridge within the report. 						

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NAME	PROJECT ROLE
Rachel Leighfield Finch	Network Rail – Project Development Manager
Nick Lake	Network Rail – Designated Project Engineer
Andrew Buller	Network Rail – Signalling Design Group – CRE (Signalling)
Tom Garner	Network Rail – E&P Assistant Project Engineer
Matt Redstone	Network Rail – Signalling Project Engineer
Dale Hall	Network Rail – Civils Project Engineer
Geoff Thomas	Network Rail – Telecomms Project Engineer
Richard Waters	Network Rail – Telecomms Project Engineer
Carolyn Francis	CH2M Hill – Environmental Consultant
Pete Hillier	URS – Contractor's Engineering Manager
Karl Hatala	URS – Project Manager
David Kite	URS – CRE (Trackbed Investigation)
Steve Turner	URS – CRE (Civil & Structural Engineering)
Chris Spellman	URS – CRE (E&P Engineering)
Kevin Goode (By telephone)	URS – CRE (Telecomms)