



HEALTH AND SAFETY

CDM Control Point Completion Certificate

CDM Control Point Completion Certificate (Refer to Procedure CR-XRL-O3-GPR-CR001-00001)			
Scope of project is defined in:	PEI for Instrumentation & Monitoring		
CDM Implementation is defined in	CDM Implementation Plan for C704 Instrumentation & Monitoring C704-XRL-O3-STP-CRG03-50001		
Control Point covered by this certificate	#1	eB No for this certificate	CRL1-XRL-O3-CER-CR001-50011 Rev 2.0
Contract Number/description	C704 Instrumentation & Monitoring		
Evidence to support Passing of Control Point			
PEI signed by the CDM Assurance Manager – ██████████ Chief Engineer			
Programme Director or the Finance Director (Control Point 1) only			
Having reviewed the information identified above, I agree that the requirements of this Control Point have been met and authorise the set project to proceed.			
Name	██████████	Date	13/1/17
Signature	████████████████████		
Check List (only as necessary to the relevant Control Point)			
F10 form sent/updated	Control Points previously passed		
Appropriate Declarations made by Project Manager	eB Updated		
Appointment Made	Designer	H&S File - Client approved	
	Contractor	Adequate time allowed for phase of project	
	Principal Contractor	Prepared by	
	Principal Designer	Date	
CDM Assurance Manager (Control Points 2-6)			
Having reviewed the information identified above, I agree that the requirements of this Control Point have been met and authorise the set project to proceed.			
Name	██████████	Date	16/1/17
Signature	████████████████████		

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Project Execution Information – Implementation and Monitoring

1. Responsibilities

This Project Execution Information (PEI) identifies the CDM Assurance Manager (CAM) as defined in Crossrail's CDM Procedure for the scope identified in Section 2, Scope.

For the defined scope, the CAM shall be [REDACTED]

2. Scope

The scope covered by this PEI is the management of the control point process for all Civils and M&E design, construction and CDM Coordination activities associated with the following elements of Crossrail:

- C704 Implementation and Monitoring

This includes but is not limited to enabling works (ground investigations, hazmat surveys, other surveys, archaeology, monitoring, demolition, advanced civils works) and utility diversions (whether under CRL or where the utility has been elected as Client), and asset protection works associated with the above.

The scope includes construction activity to implement instructed Urban realm design associated with the elements identified above, where such construction is within scope of Crossrail's agreements and undertakings.

It includes all Client Elections (including Network Rail and London Underground) associated with the above or located geographically closer to the above, than any other scope defined in another PEI.

3. Scope Boundaries

The boundary of the scope involves all activity up to the boundary of the PEI of interfacing CAM's. PEI specific exclusions of note are:

- Systemwide design and implementation
- Urban Realm Design and over-site developments within scope of the Land and Property Directorate
- PEI of the Surface Director

4. Internal Interfaces

The CAM associated with this PEI shall cooperate and coordinate their management of the control point process with other Areas Directors, Land and Property Director, Director of Crossrail Surface, Director of Crossrail Operations and the Systemwide Director and any others appointed as a CAM by Crossrail.

In reviewing and being satisfied that any control point shall be passed the CAM shall be satisfied that there is evidence that the interfaces have been adequately addresses, and any conflict resolved.

5. Elected Clients and CDM External Interfaces

CRL has formal agreements with London Underground (LU), Network Rail (NR) and Docklands Light Railway (DLR) for the delivery of Crossrail works at or near the elements covered by this PEI. For these works both LU and NR are the elected clients under the CDM Regulations. Further information can be identified as follows:

- NR- Regulatory Protocol, Implementation agreements and Protective Provisions
- Agreements
- LU - Development Agreement
- DLR- Agreement

CRL has entered into an agreement with the Canary Wharf Group (CWG) that CWG be the elected client with respect to Canary Wharf Station.

CRL has entered into Election agreements with utility companies (Thames Water, National Grid, EDF, BT plus miscellaneous communications cable companies e.g. Virgin Media, Colt) and Developers for over-site developments (OSD).

External interfaces include railway operators and their passengers and members of the public.

For a control point to be passed the CAM shall be satisfied that there is evidence that CRL's residual duties in relation to Regulation 8 have been adequately addressed.

For a control point to be passed the CAM shall be satisfied that there is evidence that CRL's duties in relation to Regulation 5 and 6 on cooperation and co-ordination have been adequately addressed in relation to elected Clients and other interfaces.

6. Sign off

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 Head of Geotechnics
 Chief Engineer's Group

Date: 11/1/17