

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014										2015										
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug			
TMCLK - Northern Connection Sub-Sea Tunnel Section																											
General Submissions																											
General Design Submissions																											
(A19) DDA for Roadworks & Project Alignment																											
DD68350	ICE Approval & Issue Check Cert	12	18-Sep-14	03-Oct-14	03-Sep-14A	04-Feb-15A																					
DD68360	Submit ICE Check Cert to SO	6	04-Oct-14	10-Oct-14	05-Feb-15A	10-Feb-15A																					
DD68370	SO's Review	35	18-Sep-14	22-Oct-14	22-Dec-14A	22-Jun-15																					
(G6) IFA for Tunnel GBP																											
DD70750	SO's Review	35	29-Apr-14	02-Jun-14	09-Aug-14A	31-Mar-15																					
DD70760	SO Approval with Condition Received	0		03-Jun-14		31-Mar-15																					
Construction Supervision Plan																											
GEO1115	2nd GEO Review	28	29-Mar-14	25-Apr-14	01-Feb-14A	01-Apr-15																					
PAYMENT MILESTONE																											
Design and Design Checking of the Works																											
PM1115	MS 2.9 Submit AIP for ground treatment at Southern Landfall	0		29-Oct-14		30-Mar-15																					
PM1120	MS 2.10 Approve AIP for ground treatment at Southern Landfall by the Supervising Officer	0		22-Jan-15		06-May-15																					
PM1125	MS 2.11 Submit DDA for ground treatment at Southern Landfall	0		26-May-15		27-Jun-15																					
PM1135	MS 2.13 Submit Risk Assessment of CLPP submarine cables - Tunnelling Works	0		12-Jan-15		30-Mar-15																					
PM116520	MS 2.19.3 Submit DDA for Cross Passages	0		20-Dec-14		01-Jun-15																					
PM117010	MS 2.20.2 Approve DDA for TBM Sub-sea Tunnel - Internal Structure by the Supervising Officer	0		22-Dec-14		05-May-15																					
PM1180	MS 2.22 Approve AIP for Cut-and-cover Tunnel and Cross Passages at Southern Landfall by the Supervising Officer	0		17-Nov-14		01-Apr-15																					
PM1185	MS 2.23 Submit DDA for Cut-and-cover Tunnel and Cross Passages at Southern Landfall	0		13-Jan-15		01-Jun-15																					
PM1210	MS 2.28 Approve DDA for Cut-and-cover Tunnel and Cross Passages at Northern Landfall by the Supervising Officer	0		12-Feb-15		27-Apr-15																					
PM1220	MS 2.30 Approve AIP for Approach Ramp Structures to Cut-and-cover Tunnels by the Supervising Officer	0		17-Nov-14		01-Apr-15																					
PM1225	MS 2.31 Submit DDA for Approach Ramp Structures to Cut-and-cover Tunnels	0		13-Jan-15		01-Jun-15																					
PM1265	MS 2.39 Submit DDA for At grade Roads at Northern Landfall	0		25-Jul-14		06-Mar-15A																					
PM1305	MS 2.47 Submit DDA for North Ventilation Building	0		31-Oct-14		15-May-15																					
PM1325	MS 2.51 Submit DDA for Facilities Provision for TCSS	0		19-Nov-14		10-Jun-15																					
PM1345	MS 2.55 Submit DDA for Drainage, Sewerage, Waterworks and Utilities at Southern Landfall	0		03-Jan-15		30-Mar-15																					
PM1350	MS 2.56 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Southern Landfall by the Supervising Officer	0		08-Apr-15		25-Jun-15																					
PM1370	MS 2.60 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Northern Landfall by the Supervising Officer	0		12-Dec-14		18-Apr-15																					
PM1405	MS 2.67 Submit DDA for TBM North Approach - Tunnel Internal Structure	0		21-Jun-14		30-Mar-15																					
PM1410	MS 2.68 Approve DDA for TBM North Approach - Tunnel Internal Structure by the Supervising Officer	0		17-Sep-14		02-May-15																					
Tunnel Boring Machine (TBM) and Back-up Equipment for TBM Tunnel																											
PM1450	MS 3.1.3 Delivery to Site of cutter head of TBM for Southbound Tunnel	0		18-Feb-15		06-Mar-15A																					
PM1455	MS 3.1.4 Delivery to Site of remaining parts of TBM and back-up equipment for Southbound Tunnel	0		30-Mar-15		06-Mar-15A																					
PM1480	MS 3.1.8 Delivery to Site of cutter head of TBM for Northbound Tunnel	0		02-Sep-15		08-Jan-15A																					
PM1510	MS 3.1.14 Delivery to Site of hyperbaric intervention equipments and facilities, including but not limited to equipment	0		04-May-15		02-Jun-15																					
PM1530	MS 3.1.18 Delivery to Site of hyperbaric intervention equipments and facilities, including but not limited to equipment	0		04-May-15		02-Jun-15																					
PM1555	MS 3.1.23 Complete site assembly, testing and commissioning of Slurry Treatment Plant	0		05-Mar-15		27-Apr-15																					
Cut-and-cover Tunnel at Northern Landfall																											
PM2445	MS 4.2.3 Delivery to Site of cutter head of TBM for Northbound Northern Landfall TBM Tunnel	0		12-Dec-14		08-Jan-15A																					
PM2450	MS 4.2.4 Delivery to Site of remaining parts of TBM and back-up equipment for Northbound Northern Landfall TBM Tunnel	0		19-Jan-15		08-Apr-15																					
PM2455	MS 4.2.5 Complete site assembly, testing and commissioning of TBM for Northbound Northern Landfall TBM Tunnel	0		05-Mar-15		18-May-15																					
PM2465	MS 4.2.7 Complete walls of launching shaft	0		02-Sep-14		06-Mar-15A																					
PM2470	MS 4.2.8 Complete excavation to formation level for launching shaft and complete casting of base slab	0		29-Jan-15		08-Jan-15A																					
PM2475	MS 4.2.9 Complete all necessary works of launching shaft to facilitate launching of TBM	0		05-Feb-15		06-Mar-15A																					
PM2490	MS 4.2.12 Complete 75% of ground treatment for excavation of all Northern Landfall TBM Tunnels	0		10-Sep-14		08-Jan-15A																					
PM2495	MS 4.2.13 Complete 100% of ground treatment for excavation of all Northern Landfall TBM Tunnels	0		30-Apr-15		07-May-15																					
Temporary Pontoon																											
PM3090	MS 6A.2 Provide the operation and maintenance services for the Temporary Pontoon in accordance with the Contract.	1433	03-Dec-13	25-Oct-18	08-Feb-14A	24-Oct-18																					
Construction																											
Northern Landfall																											
North Reclamation (Phase 1)																											
Design Submission																											
(B4) DDA Construction Risk Assessment - Impact on North Landfall																											
DD68410	SO's Comments for 1st Submission	35	01-Jun-14	05-Jul-14	27-Sep-14A	02-Jan-15A																					
DD68420	Prepare Re-submission	10	07-Jul-14	17-Jul-14	02-Jan-15A	02-Jan-15A																					
DD68430	2nd Submission	0		17-Jul-14		02-Jan-15A																					
DD68490	SO's Condition Approval	35	18-Jul-14	21-Aug-14	02-Jan-15A	02-Jan-15A																					
(B4) DDA Construction Risk Assessment - Impact on Sub-sea Tunnel																											
DD71405	SO's Comments for 1st Submission	35	21-Sep-14	25-Oct-14	27-Sep-14A	02-Jan-15A																					
DD71415	Prepare Re-submission	10	27-Oct-14	06-Nov-14	02-Jan-15A	02-Jan-15A																					
DD71420	2nd Submission	0		06-Nov-14		02-Jan-15A																					
DD71435	SO's Condition Approval	35	07-Nov-14	11-Dec-14	02-Jan-15A	02-Jan-15A																					
Construction																											
Milestones																											
NRC13240	Completion of Zone A1 Reclamation up to +10mPD	0		21-Oct-14		30-Mar-15																					
NRC13250	Completion of Zone A2 Reclamation up to +10mPD	0		10-Nov-14		30-Dec-14A																					
Zone D1																											
Vertical Seawall																											
NRC11720	VS - Mass Concrete Coping - Zone D1 - (CH205 to 255)	15	18-Jun-14	05-Jul-14	22-Dec-14A	23-Jan-15A																					
NRC11790	VS - Mass Concrete Coping - Zone D1 - (CH255 to 305)	8	07-Jul-14	15-Jul-14	14-Jan-15A	11-Feb-15A																					
NRC11860	VS - Mass Concrete Coping - Zone D1 - (CH305 to 355)	8	16-Jul-14	24-Jul-14	05-Mar-15A	10-Mar-15A																					
Sloping Seawall																											

■ Planned Bar
■ Planned Bar - Critical
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
Detailed Works Programme (Rev. C) - Three months rolling programme
Progress as of 30-Mar-15



Date	Revision	Checked	Approved
21-Feb-14	TMCLKDUBJEN.PRG.08505	SPa	WYu
28-Aug-14	TMCLKDUBJEN.PRG.08505 Rev.C	CLa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2015							
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
A6416400	F - Backfilling to +6.0mPD to Existing Seawall - CH184 to CH231	1	21-Mar-14	21-Mar-14	10-Apr-15	10-Apr-15								
CH231 to CH278														
A6416273	F - Backfilling up to +0.5mPD & T3 Installation - CH231 to CH278	6	28-Mar-14	02-Apr-14	10-Nov-14A	12-Mar-15A								
A6416278	F - Backfilling up to +3.0mPD - CH231 to CH278	2	03-Apr-14	04-Apr-14	12-Apr-15	13-Apr-15								
A6416280	F - Backfilling up to +6.0mPD - CH231 to CH278	2	05-Apr-14	06-Apr-14	14-Apr-15	15-Apr-15								
A6416310	F - Anchor wall Installation - CH231 to CH278	4	07-Apr-14	10-Apr-14	16-Apr-15	20-Apr-15								
A6416480	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH231 to CH278	3	11-Apr-14	13-Apr-14	21-Apr-15	23-Apr-15								
A6416490	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH231 to CH278	2	14-Apr-14	15-Apr-14	24-Apr-15	25-Apr-15								
A6416500	F - Backfilling up to +6.0mPD to Anchor Wall - CH231 to CH278	2	16-Apr-14	17-Apr-14	26-Apr-15	27-Apr-15								
A6416510	F - Backfilling to +6.0mPD to Existing Seawall - CH231 to CH278	1	18-Apr-14	18-Apr-14	28-Apr-15	28-Apr-15								
CH278 to CH327														
A6416210	F - Backfilling up to +0.5mPD - CH278 to CH327	4	23-Mar-14	26-Mar-14	02-Apr-15	05-Apr-15								
A6416215	F - Backfilling up to +3.0mPD & T4 Installation - CH278 to CH327	5	27-Mar-14	31-Mar-14	07-Apr-15	11-Apr-15								
A6416220	F - Backfilling up to +6.0mPD - CH278 to CH327	2	01-Apr-14	02-Apr-14	12-Apr-15	13-Apr-15								
A6416340	F - Anchor wall Installation - CH278 to CH327	4	11-Apr-14	15-Apr-14	21-Apr-15	24-Apr-15								
A6416520	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH278 to CH327	3	16-Apr-14	18-Apr-14	25-Apr-15	27-Apr-15								
A6416530	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH278 to CH327	3	19-Apr-14	21-Apr-14	28-Apr-15	30-Apr-15								
A6416540	F - Backfilling up to +6.0mPD to Anchor Wall - CH278 to CH327	3	22-Apr-14	24-Apr-14	01-May-15	03-May-15								
A6416550	F - Backfilling to +6.0mPD to Existing Seawall - CH278 to CH327	1	25-Apr-14	25-Apr-14	04-May-15	04-May-15								
CH327 to CH381														
A6416155	F - Backfilling up to +0.5mPD - CH327 to CH381	3	16-Mar-14	18-Mar-14	30-Mar-15	01-Apr-15								
A6416160	F - Backfilling up to +3.0mPD & T4 Installation - CH327 to CH381	5	19-Mar-14	23-Mar-14	02-Apr-15	06-Apr-15								
A6416170	F - Backfilling up to +6.0mPD - CH327 to CH381	3	24-Mar-14	26-Mar-14	07-Apr-15	09-Apr-15								
A6416370	F - Anchor wall Installation - CH327 to CH381	3	16-Apr-14	22-Apr-14	25-Apr-15	28-Apr-15								
A6416560	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH327 to CH381	3	23-Apr-14	25-Apr-14	29-Apr-15	01-May-15								
A6416570	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH327 to CH381	3	26-Apr-14	28-Apr-14	02-May-15	04-May-15								
A6416580	F - Backfilling up to +6.0mPD to Anchor Wall - CH327 to CH381	2	29-Apr-14	30-Apr-14	05-May-15	06-May-15								
A6416590	F - Backfilling to +6.0mPD to Existing Seawall - CH327 to CH381	1	01-May-14	01-May-14	07-May-15	07-May-15								
Box Culvert Extension														
Construction														
CH000 to CH137														
A6416670	Bored Pile Construction - A43 to A62 (4 Rigs) & Land Sheet Piling - Summary	96	31-May-14	23-Sep-14	21-Jul-14A	06-Mar-15A								
A6416675	Land Sheet Pile Installation	77	24-Jun-14	23-Sep-14	10-Nov-14A	06-Mar-15A								
A6416680	Backfilling for Surcharge	18	24-Sep-14	16-Oct-14	30-Mar-15	23-Apr-15								
A6416690	Surcharge Period	180	17-Oct-14	14-Apr-15	24-Apr-15	20-Oct-15								
CH137 to CH184														
A6416770	Backfilling for Surcharge	12	20-Sep-14	06-Oct-14	30-Mar-15	16-Apr-15								
A6416780	Surcharge Period	180	07-Oct-14	04-Apr-15	17-Apr-15	13-Oct-15								
CH184 to CH231														
A6416620	Predrilling - CH184 to CH231	24	22-Mar-14	23-Apr-14	08-Nov-14A	29-Apr-15								
A6416730	Bored Pile Construction - A34 to A27 - Summary	156	22-Mar-14	30-Sep-14	30-Oct-14A	29-Aug-15								
A6416950	Bored Pile Construction - A34 to A27 - 4 out of 8 piles	39	14-May-14	28-Jun-14	30-Oct-14A	15-May-15								
A6416960	Bored Pile Construction - A34 to A27 - 6 out of 8 piles	39	30-Jun-14	14-Aug-14	16-May-15	03-Jul-15								
CH231 to CH278														
A6416630	Predrilling - CH231 to CH278	24	22-Apr-14	21-May-14	29-Apr-15	28-May-15								
A6416740	Bored Pile Construction - A26 to A19 - Summary	143	22-Apr-14	13-Oct-14	29-Apr-15	19-Oct-15								
A6417470	Bored Pile Construction - A26 to A19 - 2 out of 8 piles	36	22-Apr-14	05-Jun-14	29-Apr-15	11-Jun-15								
A6417500	Bored Pile Construction - A26 to A19 - 4 out of 8 piles	36	06-Jun-14	18-Jul-14	12-Jun-15	25-Jul-15								
CH278 to CH327														
A6416640	Predrilling - CH278 to CH327	24	26-Apr-14	26-May-14	05-May-15	02-Jun-15								
A6416750	Bored Pile Construction - A18 to A11 - Summary	117	27-May-14	15-Oct-14	03-Jun-15	22-Oct-15								
A6417530	Bored Pile Construction - A18 to A11 - 2 out of 8 piles	30	27-May-14	02-Jul-14	03-Jun-15	09-Jul-15								
CH327 to CH381														
A6416650	Predrilling - CH327 to CH381	24	02-May-14	30-May-14	08-May-15	05-Jun-15								
A6416760	Bored Pile Construction - A10 to A03	86	31-May-14	11-Sep-14	06-Jun-15	16-Sep-15								
A6417570	Bored Pile Construction - A10 to A03 - 2 out of 8 piles	22	31-May-14	26-Jun-14	06-Jun-15	03-Jul-15								
CH381 to CH399 (Box Culvert Connection)														
A6416660	F - Prebored H-piles for CKS Temporary Land Access	6	18-Feb-14	24-Feb-14	16-Mar-15A	20-Mar-15A								
A6417000	F - Steel Bridge Installation for Land Access to Zone E	52	25-Feb-14	30-Apr-14	16-Mar-15A	22-Mar-15A								
A6417010	F - Available of Land Access to Zone E	0	02-May-14		22-Mar-15A									
North Shafts Construction & Tunnel Structure														
Design Submission														
(C1) DDA for North Approach Ramp Permanent Structure														
DD70770	Preparation DDA North Approach Ramp Permanent Structure	18	28-Jun-14	19-Jul-14	02-Jan-15A	13-Jan-15A								
DD70780	Review & Comment by JV	12	21-Jul-14	02-Aug-14	13-Jan-15A	02-Apr-15								
DD70785	Designer prepare DDA	6	04-Aug-14	09-Aug-14	08-Apr-15	14-Apr-15								
DD70790	Formal Submission of DDA to ICE/ IPs	0		09-Aug-14		14-Apr-15								
DD70792	Advanced Submission to SO	0		09-Aug-14		14-Apr-15								
DD70794	IPs/SO's Advance comments / ICE comments	28	10-Aug-14	06-Sep-14	15-Apr-15	12-May-15								
DD70800	IPs/ SO's Advance Comments/ ICE Comments	28	07-Sep-14	04-Oct-14	13-May-15	09-Jun-15								
DD70805	Comments Received	0		04-Oct-14		09-Jun-15								
DD70810	Designer to Reply RTC + Update Submission	15	06-Oct-14	22-Oct-14	10-Jun-15	27-Jun-15								
DD70820	Submit Updated DDA to SO/ ICE/ IPs	0	23-Oct-14		29-Jun-15									
DD70830	ICE Approval & Issue Check Cert	18	23-Oct-14	12-Nov-14	29-Jun-15	20-Jul-15								
DD70850	IPs Review	28	23-Oct-14	19-Nov-14	29-Jun-15	26-Jul-15								

- Planned Bar
- Planned Bar - Critical
- ◆ Planned Milestone
- Progress bar
- ◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
Detailed Works Programme (Rev. C) - Three months rolling programme
Progress as of 30-Mar-15



Date	Revision	Checked	Approved
21-Feb-14	TMCLKDUBJEN.PRG.08505	SPa	WYu
28-Aug-14	TMCLKDUBJEN.PRG.08505 Rev.C	CLa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014											
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	2015	2015	2015
DD70870	SO's Review	35	23-Oct-14	26-Nov-14	29-Jun-15	02-Aug-15	SO's Review											
Construction																		
North Launching Shaft Base Slab for TBM Launching																		
NSH1455	E - Tympanum construction for TBM break-in	12	20-Nov-14	03-Dec-14	29-Jan-15A	02-Apr-15	E - Tympanum construction for TBM break-in											
NSH1460	E - Cell 1 to 2 - Base Slab construction	22	13-Nov-14	08-Dec-14	01-Dec-14A	22-Jan-15A	E - Cell 1 to 2 - Base Slab construction											
North Ventilation Shaft ELS Foundation & Capping Beam																		
A6415780	B - Diaphragm Wall - Shaft ELS	81	26-Aug-14	01-Dec-14	24-Nov-14A	28-Mar-15A	B - Diaphragm Wall - Shaft ELS											
A6415790	B - Instrumentation & Pump well Installation	6	02-Dec-14	08-Dec-14	06-Mar-15A	02-Apr-15	B - Instrumentation & Pump well Installation											
A6415795	B - Pumping Test for Excavation	7	09-Dec-14	15-Dec-14	03-Apr-15	09-Apr-15	B - Pumping Test for Excavation											
North Ventilation Shaft Excavation & Base Slab																		
A6415800	B - Vent Shaft Excavation (+6.0 to +4.0mPD) - Reclaimed Fill	5	02-Dec-14	06-Dec-14	30-Mar-15	08-Apr-15	B - Vent Shaft Excavation (+6.0 to +4.0mPD) - Reclaimed Fill											
A6415810	B - Capping Beam Installation (+6.0mPD)	12	08-Dec-14	20-Dec-14	09-Apr-15	22-Apr-15	B - Capping Beam Installation (+6.0mPD)											
A6415820	B - Vent Shaft Excavation (+4.0 to -8.0mPD) - Reclaimed Fill	19	22-Dec-14	15-Jan-15	23-Apr-15	15-May-15	B - Vent Shaft Excavation (+4.0 to -8.0mPD) - Reclaimed Fill											
A6415830	B - Ring Beam Installation (-5.5mPD)	6	16-Jan-15	22-Jan-15	16-May-15	22-May-15	B - Ring Beam Installation (-5.5mPD)											
A6415840	B - Vent Shaft Excavation (-8.0 to -20.0mPD) - Fill/MD/ALLUVIUM	27	23-Jan-15	02-Mar-15	23-May-15	25-Jun-15	B - Vent Shaft Excavation (-8.0 to -20.0mPD) - Fill/MD/ALLUVIUM											
A6415850	B - Ring Beam Installation (-18.0mPD)	6	03-Mar-15	09-Mar-15	26-Jun-15	03-Jul-15	B - Ring Beam Installation (-18.0mPD)											
CLP Temporary Substation																		
Construction																		
DDP12800	1st Batch - CLP Installation & Commissioning	108	02-Jul-14	07-Nov-14	02-Jul-14A	10-Jan-15A	1st Batch - CLP Installation & Commissioning											
DDP12860	1st Batch - Commissioning & Energization	0		28-Nov-14		10-Jan-15A	1st Batch - Commissioning & Energization											
DDP12870	2nd Batch - CLP Installation & Commissioning	95	15-Oct-14	05-Feb-15	02-Jul-14A	10-Jan-15A	2nd Batch - CLP Installation & Commissioning											
DDP12900	Final FS Installation by JV	6	06-Feb-15	12-Feb-15	10-Jan-15A	10-Jan-15A	Final FS Installation by JV											
DDP12910	FSD inspection for 2nd Transformer Energization	6	13-Feb-15	18-Feb-15	10-Jan-15A	10-Jan-15A	FSD inspection for 2nd Transformer Energization											
DDP12920	2nd Batch - Commissioning & Energization	0		18-Feb-15		10-Jan-15A	2nd Batch - Commissioning & Energization											
North Surface works for TBM Tunnelling																		
Design Submission																		
(D1) IFA for Temp. Access to Portion N8A, N8B & N8C incl. Temp. Lighting																		
AP01500	Preparation of AIP Temporary Access Road to N8	33	02-Jan-14	15-Feb-14	02-Jan-14A	13-Mar-15A	Preparation of AIP Temporary Access Road to N8											
AP01505	Review & Comment by JV	12	17-Feb-14	01-Mar-14	13-Mar-15A	18-Mar-15A	Review & Comment by JV											
AP01510	Designer Prepare IFA	6	03-Mar-14	08-Mar-14	18-Mar-15A	20-Mar-15A	Designer Prepare IFA											
AP01515	Formal Submission of IFA to ICE/IPs	0		08-Mar-14		20-Mar-15A	Formal Submission of IFA to ICE/IPs											
AP01520	Advanced Submission of IFA to SO	0		08-Mar-14		20-Mar-15A	Advanced Submission of IFA to SO											
AP01525	Review & Comment by SO/ ICE/ IPs	28	09-Mar-14	05-Apr-14	20-Mar-14A	20-Apr-15	Review & Comment by SO/ ICE/ IPs											
AP01530	Advance Comments from SO/ Comments from ICE/ IPs Received	0		07-Apr-14		20-Apr-15	Advance Comments from SO/ Comments from ICE/ IPs Received											
AP01535	Designer to Prepare Rtc & Updated AIP	18	07-Apr-14	30-Apr-14	21-Apr-15	12-May-15	Designer to Prepare Rtc & Updated AIP											
AP01540	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		30-Apr-14		12-May-15	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)											
AP01545	Reply to IPs Comments in RTC	0		30-Apr-14		12-May-15	Reply to IPs Comments in RTC											
AP01550	ICE Approval & Issue of Design Check Cert.	18	02-May-14	23-May-14	13-May-15	03-Jun-15	ICE Approval & Issue of Design Check Cert.											
AP01555	Check Cert to SO	0		23-May-14		03-Jun-15	Check Cert to SO											
AP01560	No Objection or Further Minor Comments from IPs Received	0		23-May-14		03-Jun-15	No Objection or Further Minor Comments from IPs Received											
AP01565	SO Review (35 Days)	35	02-May-14	05-Jun-14	13-May-15	16-Jun-15	SO Review (35 Days)											
AP01570	SO Approval with Condition Received	0		05-Jun-14		16-Jun-15	SO Approval with Condition Received											
Construction																		
Zone E																		
A6416450	Zone E - Jet grouting for Break-in Plug	60	04-Nov-14	15-Jan-15	03-Sep-14A	09-Mar-15A	Zone E - Jet grouting for Break-in Plug											
Zone D1																		
NRC14020	Zone D1 - B/C Slurry Substitution for CP54	20	14-Jul-14	05-Aug-14	02-Sep-14A	07-Feb-15A	Zone D1 - B/C Slurry Substitution for CP54											
Zone D2																		
NRC14110	Zone D2 - B/C Slurry Substitution for CP53	22	06-Aug-14	30-Aug-14	15-Jan-15A	13-Feb-15A	Zone D2 - B/C Slurry Substitution for CP53											
Zone C1																		
NRC1202130	Zone C1 - B/C Slurry Substitution for CP52	26	27-Aug-14	26-Sep-14	02-Mar-15A	02-Mar-15A	Zone C1 - B/C Slurry Substitution for CP52											
Zone C2																		
NRC1202150	Zone C2 - Drilling for Rock Fissure Grouting for CP51	21	03-Jul-14	26-Jul-14	06-Nov-14A	10-Jan-15A	Zone C2 - Drilling for Rock Fissure Grouting for CP51											
NRC1202155	Zone C2 - Rock Fissure Grouting for CP51	44	14-Jul-14	02-Sep-14	19-Nov-14A	10-Jan-15A	Zone C2 - Rock Fissure Grouting for CP51											
NRC1202160	Zone C2 - Jet Grouting for CP51	18	20-Aug-14	10-Sep-14	10-Jan-15A	10-Jan-15A	Zone C2 - Jet Grouting for CP51											
Zone B																		
A6415895	Zone B - Unreinforced Separation D-wall	13	27-Aug-14	11-Sep-14	11-Feb-15A	31-Mar-15	Zone B - Unreinforced Separation D-wall											
A6415897	Zone B - Unreinforced Separation D-wall	13	25-Jul-14	08-Aug-14	19-Nov-14A	10-Feb-15A	Zone B - Unreinforced Separation D-wall											
A6415900	Zone B - Slurry Wall for TBM Break-out Plug	34	02-Dec-14	13-Jan-15	23-Mar-15A	23-Mar-15A	Zone B - Slurry Wall for TBM Break-out Plug											
A6415910	Zone B - Slurry Wall - Toe Grouting	24	14-Jan-15	10-Feb-15	23-Mar-15A	23-Mar-15A	Zone B - Slurry Wall - Toe Grouting											
A6415920	Zone B - Ground Treatment for TBM Break-out Plug	58	11-Feb-15	30-Apr-15	18-Mar-15A	07-May-15	Zone B - Ground Treatment for TBM Break-out Plug											
Ground Treatment																		
A6417430	Zone A - B/C Slurry Substitution for CP49	30	22-Oct-14	25-Nov-14	30-Mar-15	08-May-15	Zone A - B/C Slurry Substitution for CP49											
A6417440	Zone A - Drilling for Rock Fissure Grouting for CP48	65	11-Nov-14	28-Jan-15	30-Mar-15	19-Jun-15	Zone A - Drilling for Rock Fissure Grouting for CP48											
A6417450	Zone A - Rock Fissure Grouting for CP48	90	25-Nov-14	19-Mar-15	17-Apr-15	04-Aug-15	Zone A - Rock Fissure Grouting for CP48											
A6417460	Zone A - Jet Grouting for CP48	72	29-Jan-15	05-May-15	22-Jun-15	14-Sep-15	Zone A - Jet Grouting for CP48											
North Approach TBM Tunnelling & Cross Passage																		
Major Procurement																		
Precast Segment																		
Precast Segment ID15.60 - Production for NB North TBM Tunnel																		
A6417970	ID15.60 TBM Segment Ring Fabrication - 2 rings per day	148	30-Sep-14	25-Apr-15	25-Sep-14A	18-Jun-15	ID15.60 TBM Segment Ring Fabrication - 2 rings per day											
Design Submission																		
(D7) IFA Gantry Crane Supports/Foundation																		
DD69070	Designer to Reply Rtc + Update Submission	21	07-May-14	30-May-14	04-Dec-14A	08-Jan-15A	Designer to Reply Rtc + Update Submission											
DD69080	Submit Updated IFA to SO/ ICE/ IPs	0		31-May-14		08-Jan-15A	Submit Updated IFA to SO/ ICE/ IPs											
DD69090	ICE Approval & Issue Check Cert	12	31-May-14	14-Jun-14	11-Nov-14A	19-Jan-15A	ICE Approval & Issue Check Cert											

■ Planned Bar
■ Planned Bar - Critical
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme (Rev. C) - Three months rolling programme
 Progress as of 30-Mar-15



Date	Revision	Checked	Approved
21-Feb-14	TMCLKDBJGEN.PRG.08505	SPa	WYu
28-Aug-14	TMCLKDBJGEN.PRG.08505 Rev.C	CLa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014		2015												
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug						
PO103440	S881 - 13.6m dia - TBM - Workshop Acceptance Test	0		06-May-15		06-May-15															
PO103450	S881 - 13.6m dia - TBM - Disassembly and Packing for Transport	16	07-May-15	26-May-15	07-May-15	26-May-15															
PO103460	S881 - 13.6m dia - TBM - Delivery	20	27-May-15	15-Jun-15	27-May-15	15-Jun-15															
Precast Segment ID12.40 - Production for Sub-sea TBM Tunnel																					
A6418040	ID12.40 TBM Segment Ring Fabrication - 12 rings per day	300	22-Nov-14	19-Dec-15	29-Nov-14A	09-Mar-16															
Design Submission																					
(B6) Risk Assessment of Submarine Cable - Tunnelling Works																					
GS01400	Preparation of Risk Assessment of Submarine cables - Tunnelling Works	24	12-Dec-14	12-Jan-15	02-Jan-15A	12-Feb-15A															
GS01405	1st Submission	0		12-Jan-15		12-Feb-15A															
GS01410	SO's Comments for 1st Submission	35	13-Jan-15	16-Feb-15	12-Feb-15A	01-Apr-15															
GS01420	CLP Review (4 weeks)	28	16-Jan-15	12-Feb-15	12-Feb-15A	01-Apr-15															
GS01425	CLP Comment Received	0		12-Feb-15		01-Apr-15															
GS01430	Prepare Re-submission	12	17-Feb-15	09-Mar-15	02-Apr-15	20-Apr-15															
GS01435	ICE Cert. Issue	6	10-Mar-15	16-Mar-15	21-Apr-15	27-Apr-15															
GS01440	SO Forward ICE Cert. to CLP	3	17-Mar-15	19-Mar-15	28-Apr-15	30-Apr-15															
GS01445	2nd Submission	0		09-Mar-15		20-Apr-15															
GS01455	SO Forward Submission to CLP	3	10-Mar-15	12-Mar-15	21-Apr-15	23-Apr-15															
GS01460	CLP Review (4 weeks)	28	17-Mar-15	13-Apr-15	24-Apr-15	21-May-15															
GS01465	CLP Comment Received	0		13-Apr-15		21-May-15															
GS01467	SO's Condition Approval	35	12-Mar-15	15-Apr-15	21-Apr-15	25-May-15															
(G1) IFA for Structural Health Monitoring System for TBM Tunnel																					
DD71040	Submit ICE Check Cert to SO	6	16-Jun-14	21-Jun-14	23-Dec-14A	05-Jan-15A															
DD71050	IPs Review	28	31-May-14	27-Jun-14	23-Dec-14A	30-Mar-15															
DD71060	IP's No Objection Received	0		27-Jun-14		30-Mar-15															
DD71070	SO's Review	35	31-May-14	04-Jul-14	23-Dec-14A	01-Apr-15															
DD71080	SO Approval with Condition Received	0		04-Jul-14		01-Apr-15															
DD71200	TBM Segment Mould Acceptance & Trial	0	11-Jul-14			01-Apr-15															
(G1) DDA for TBM Tunnel Lining Structural Design - Sub-sea tunnel																					
DD6670	Sub-sea TBM Tunnel Segment - Fabrication	265	06-Oct-14	29-Aug-15	03-Jan-15A	23-Dec-15															
(G1) DDA for TBM Tunnel Lining Settlement Analysis & Confinement Pressure - Sub-sea tunnel																					
AN1150	DDA Settlement Analysis & Confinement Pressure for Sub-sea Tunnel	246	21-Nov-13	24-Sep-14	21-Nov-13A	02-Apr-15															
DD6690	Preparation of DDA TBM Confinement - Sub-sea tunnel	0	25-Sep-14	25-Sep-14	08-Apr-15	08-Apr-15															
DD6700	Review & Comment by JV	12	25-Sep-14	10-Oct-14	08-Apr-15	21-Apr-15															
DD6705	Designer prepare DDA	12	11-Oct-14	24-Oct-14	22-Apr-15	06-May-15															
DD6710	Formal Submission of DDA to ICE/ IPs	0		24-Oct-14		06-May-15															
DD6715	Advanced Submission to SO	0		24-Oct-14		06-May-15															
DD6720	IPs/ SO's Advance Comments/ ICE Comments	28	25-Oct-14	21-Nov-14	07-May-15	03-Jun-15															
DD67258	Comments Received	0		21-Nov-14		03-Jun-15															
DD6730	Designer to Reply RIC + Update Submission	21	22-Nov-14	16-Dec-14	04-Jun-15	29-Jun-15															
(G3) DDA for TBM Tunnel Internal Structures (Sub-sea)																					
DD00925	IPs/ SO's Advance Comments/ ICE Comments	28	25-Sep-14	22-Oct-14	21-Nov-14A	21-Jan-15A															
DD00930	Comments Received	0		22-Oct-14		21-Jan-15A															
DD00935	Designer to Reply RIC + Update Submission	21	23-Oct-14	15-Nov-14	21-Jan-15A	31-Mar-15															
DD00940	Submit Updated DDA to SO/ ICE/ IPs	0	17-Nov-14		01-Apr-15																
DD00945	ICE Approval & Issue Check Cert	12	17-Nov-14	29-Nov-14	01-Apr-15	18-Apr-15															
DD00950	Submit ICE Check Cert to SO	6	01-Dec-14	06-Dec-14	20-Apr-15	25-Apr-15															
DD00955	IPs Review	28	17-Nov-14	14-Dec-14	01-Apr-15	28-Apr-15															
DD00960	IP's No Objection Received	0		14-Dec-14		28-Apr-15															
DD00980	SO's Review	35	17-Nov-14	21-Dec-14	01-Apr-15	05-May-15															
DD00985	SO Approval with Condition Received	0		22-Dec-14		05-May-15															
DD00995	Sub-sea Internal Structure - Precast Gallery Mould Design & Fabrication	24	22-Dec-14	21-Jan-15	06-May-15	03-Jun-15															
DD01015	Sub-sea Tunnel - Precast Gallery Fabrication	244	22-Jan-15	21-Nov-15	04-Jun-15	02-Apr-16															
Sub-sea Tunnel Cross Passage & Internal Structure																					
Design Submission																					
(G4) DDA for Cross Passage - Permanent works - incl. Geotechnical Assessment - Sub-sea tunnel																					
AN1180	Early DDA Sub-sea Cross Passage Lining & CP Opening	151	03-Jun-14	29-Nov-14	03-Jun-14A	09-May-15															
DD01100	Preparation of DDACross Passage incl. Detailed Geotechnical Assessment	0	01-Dec-14	01-Dec-14	11-May-15	11-May-15															
DD01105	Review & Comment by JV	6	01-Dec-14	06-Dec-14	11-May-15	16-May-15															
DD01110	Designer prepare DDA	12	08-Dec-14	20-Dec-14	18-May-15	01-Jun-15															
DD01115	Formal Submission of DDA to ICE/ IPs	0		20-Dec-14		01-Jun-15															
DD01120	Advanced Submission to SO	0		20-Dec-14		01-Jun-15															
DD01125	IPs/ SO's Advance Comments/ ICE Comments	28	21-Dec-14	17-Jan-15	02-Jun-15	29-Jun-15															
DD01130	Comments Received	0		17-Jan-15		29-Jun-15															
Method Statement Submission																					
Method Statement of Cross Passage Ground Freezing																					
MS1300	Preparation Method Statement for CP Ground Freezing	25	17-Sep-14	17-Oct-14	30-Mar-15	02-May-15															
MS1310	Submit Method Statement to SO/ ICE	0		17-Oct-14		02-May-15															
MS1320	SO Reviews & Comments/ ICE Comments	28	18-Oct-14	14-Nov-14	03-May-15	30-May-15															
MS1330	Re-submission	18	15-Nov-14	05-Dec-14	01-Jun-15	22-Jun-15															
MS1340	ICE Approval & Issue Check Cert.	18	06-Dec-14	29-Dec-14	23-Jun-15	14-Jul-15															
MS1350	SO's Review	28	06-Dec-14	02-Jan-15	23-Jun-15	20-Jul-15															
Southern Landfall																					
South Cut & Cover Tunnel																					
Design Submission																					
(E2) AIP for South C&C Box & Approach Ramp																					

■ Planned Bar
■ Planned Bar - Critical
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme (Rev. C) - Three months rolling programme
 Progress as of 30-Mar-15



Date	Revision	Checked	Approved
21-Feb-14	TMCLKDBJGEN.PRG.08505	SPa	WYu
28-Aug-14	TMCLKDBJGEN.PRG.08505 Rev.C	CLa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014											
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug			
AP3210	SO Review (35 Days)	35	14-Oct-14	17-Nov-14	03-Dec-14A	01-Apr-15	SO Review (35 Days)											
AP3220	SO Approval with Condition Received	0		17-Nov-14		01-Apr-15	SO Approval with Condition Received											
(E2) DDA for South C&C Box & Approach Ramp																		
DD00460	Preparation DDA Sth C&C Box and Approach Ramp	18	18-Nov-14	08-Dec-14	02-Apr-15	27-Apr-15	Preparation DDA Sth C&C Box and Approach Ramp											
DD00470	Review & Comment by JV	18	09-Dec-14	31-Dec-14	28-Apr-15	19-May-15	Review & Comment by JV											
DD00480	Designer prepare DDA	10	02-Jan-15	13-Jan-15	20-May-15	01-Jun-15	Designer prepare DDA											
DD00490	Formal Submission of DDA to ICE/ IPs	0		13-Jan-15		01-Jun-15	Formal Submission of DDA to ICE/ IPs											
DD00500	Advanced Submission to SO	0		13-Jan-15		01-Jun-15	Advanced Submission to SO											
DD00510	IPs/ SO's Advance Comments/ ICE Comments	28	14-Jan-15	10-Feb-15	02-Jun-15	29-Jun-15	IPs/ SO's Advance Comments/ ICE Comments											
DD00520	Comments Received	0		10-Feb-15		29-Jun-15	Comments Received											
(F3) AIP Temp. Support for South C&C, Portal & ELS																		
DD69590	Prepare AIP South C&C ELS	18	20-Sep-14	13-Oct-14	02-Mar-15A	19-Mar-15A	Prepare AIP South C&C ELS											
DD69600	Review & Comment by JV	18	14-Oct-14	03-Nov-14	20-Mar-15A	14-Apr-15	Review & Comment by JV											
DD69610	Designer prepare AIP	10	04-Nov-14	14-Nov-14	15-Apr-15	25-Apr-15	Designer prepare AIP											
DD69620	Formal Submission of AIP to ICE/ IPs	0		14-Nov-14		25-Apr-15	Formal Submission of AIP to ICE/ IPs											
DD69630	Advanced Submission to SO	0		14-Nov-14		25-Apr-15	Advanced Submission to SO											
DD69640	IPs/ SO's Advance Comments/ ICE Comments	28	15-Nov-14	12-Dec-14	26-Apr-15	23-May-15	IPs/ SO's Advance Comments/ ICE Comments											
DD69650	Comments Received	0		12-Dec-14		23-May-15	Comments Received											
DD69660	Designer to Reply RTC + Update Submission	21	13-Dec-14	09-Jan-15	26-May-15	18-Jun-15	Designer to Reply RTC + Update Submission											
DD69670	Submit Updated AIP to SO/ ICE/ IPs	0	10-Jan-15		19-Jun-15		Submit Updated AIP to SO/ ICE/ IPs											
DD69680	ICE Approval & Issue Check Cert	12	10-Jan-15	23-Jan-15	19-Jun-15	04-Jul-15	ICE Approval & Issue Check Cert											
DD69690	IPs Review	28	10-Jan-15	06-Feb-15	19-Jun-15	16-Jul-15	IPs Review											
DD69710	SO's Review	35	10-Jan-15	13-Feb-15	19-Jun-15	23-Jul-15	SO's Review											
Method Statement Submission																		
Method Statement of Construction Methodology of C&C Tunnels																		
MS1700	Preparation Method Statement for C&C Tunnels	25	28-Mar-15	30-Apr-15	30-Mar-15	02-May-15	Preparation Method Statement for C&C Tunnels											
MS1710	Submit Method Statement to SO	0		30-Apr-15		02-May-15	Submit Method Statement to SO											
MS1720	SO Reviews & Comments	28	01-May-15	28-May-15	03-May-15	30-May-15	SO Reviews & Comments											
MS1730	Re-submission	18	29-May-15	18-Jun-15	01-Jun-15	22-Jun-15	Re-submission											
MS1740	SO's Review	28	19-Jun-15	16-Jul-15	23-Jun-15	20-Jul-15	SO's Review											
South Retrieval Shaft																		
Design Submission																		
(A4) Additional Ground Investigation Plan - Phase 3 - Southern Landfall																		
GS2870	Preparation of Additional Ground Investigation (Phase 3)	11	15-Jan-15	27-Jan-15	20-Feb-15A	02-Mar-15A	Preparation of Additional Ground Investigation (Phase 3)											
GS2880	1st Submission	0		27-Jan-15		02-Mar-15A	1st Submission											
GS2905	SO's Comments for 1st Submission	35	28-Jan-15	03-Mar-15	02-Mar-15A	08-Apr-15	SO's Comments for 1st Submission											
GS2910	SO's Condition Approval	0		03-Mar-15		08-Apr-15	SO's Condition Approval											
(A5) Ground Investigation Report - Phase 3 - Southern Landfall																		
GS2960	Preparation of Ground Investigation Report - Phase 3 - Southern Landfall	36	01-Apr-15	18-May-15	08-May-15	19-Jun-15	Preparation of Ground Investigation Report - Phase 3 - Southern Landfall											
GS2970	*1st Submission	0		18-May-15		19-Jun-15	*1st Submission											
GS2980	SO's Comments for 1st Submission	35	19-May-15	22-Jun-15	20-Jun-15	24-Jul-15	SO's Comments for 1st Submission											
(B5) AIP Construction Risk Assessment - Impact on South Landfall																		
GS01200	Preparation of Construction Risk Assessment - Impact on South Landfall	36	30-Oct-14	10-Dec-14	02-Feb-15A	31-Mar-15	Preparation of Construction Risk Assessment - Impact on South Landfall											
GS01205	1st Submission	0		10-Dec-14		31-Mar-15	1st Submission											
GS01210	SO's Comments for 1st Submission	35	11-Dec-14	14-Jan-15	01-Apr-15	05-May-15	SO's Comments for 1st Submission											
GS01215	Prepare Re-submission	10	15-Jan-15	26-Jan-15	06-May-15	16-May-15	Prepare Re-submission											
GS01220	2nd Submission	0		26-Jan-15		16-May-15	2nd Submission											
GS01225	ICE Cert. Issue	6	27-Jan-15	02-Feb-15	18-May-15	23-May-15	ICE Cert. Issue											
GS01250	SO's Condition Approval	35	27-Jan-15	02-Mar-15	17-May-15	20-Jun-15	SO's Condition Approval											
(B5) DDA Construction Risk Assessment - Impact on South Landfall																		
DD68500	Preparation of Construction Risk Assessment - Impact on South Landfall	36	03-Mar-15	17-Apr-15	22-Jun-15	03-Aug-15	Preparation of Construction Risk Assessment - Impact on South Landfall											
(F1) AIP Temp. works - Retrieval Shaft on Southern Landfall incl. break-out																		
AP01600	Preparation of AIP Retrieval Shaft on Sth Landfall incl. break out	12	20-Sep-14	06-Oct-14	02-Mar-15A	13-Mar-15A	Preparation of AIP Retrieval Shaft on Sth Landfall incl. break out											
AP01605	Review & Comment by JV	12	07-Oct-14	20-Oct-14	13-Mar-15A	31-Mar-15	Review & Comment by JV											
AP01610	Designer Prepare AIP	6	21-Oct-14	27-Oct-14	01-Apr-15	11-Apr-15	Designer Prepare AIP											
AP01615	Formal Submission of AIP to ICE/ IPs	0		27-Oct-14		11-Apr-15	Formal Submission of AIP to ICE/ IPs											
AP01620	Advanced Submission of AIP to SO	0		27-Oct-14		11-Apr-15	Advanced Submission of AIP to SO											
AP01625	Review & Comment by SO/ ICE/ IPs	28	28-Oct-14	24-Nov-14	12-Apr-15	09-May-15	Review & Comment by SO/ ICE/ IPs											
AP01630	Advance Comments from SO/ Comments from ICE/ IPs Received	0		24-Nov-14		09-May-15	Advance Comments from SO/ Comments from ICE/ IPs Received											
AP01635	Designer to Prepare RTC & Updated AIP	18	25-Nov-14	15-Dec-14	11-May-15	01-Jun-15	Designer to Prepare RTC & Updated AIP											
AP01640	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		15-Dec-14		01-Jun-15	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)											
AP01645	Reply to IPs Comments in RTC	0		15-Dec-14		01-Jun-15	Reply to IPs Comments in RTC											
AP01650	ICE Approval & Issue of Design Check Cert.	18	16-Dec-14	08-Jan-15	02-Jun-15	23-Jun-15	ICE Approval & Issue of Design Check Cert.											
AP01655	Check Cert to SO	0		08-Jan-15		23-Jun-15	Check Cert to SO											
AP01660	No Objection or Further Minor Comments from IPs Received	0		08-Jan-15		23-Jun-15	No Objection or Further Minor Comments from IPs Received											
AP01680	SO Review (35 Days)	35	17-Dec-14	20-Jan-15	02-Jun-15	06-Jul-15	SO Review (35 Days)											
(F2) AIP Temp. works of Ground Treatment for TBMs passing under Southern Landfall																		
AP01900	Preparation of AIP Ground Improvement works in Sth Landfall Seawall	18	01-Sep-14	22-Sep-14	27-Mar-15A	27-Mar-15A	Preparation of AIP Ground Improvement works in Sth Landfall Seawall											
AP01905	Review & Comment by JV	18	23-Sep-14	15-Oct-14	27-Mar-15A	27-Mar-15A	Review & Comment by JV											
AP01910	Designer Prepare AIP	12	16-Oct-14	29-Oct-14	27-Mar-15A	27-Mar-15A	Designer Prepare AIP											
AP01915	Formal Submission of AIP to ICE/ IPs	0		29-Oct-14		27-Mar-15A	Formal Submission of AIP to ICE/ IPs											
AP01920	Advanced Submission of AIP to SO	0		29-Oct-14		27-Mar-15A	Advanced Submission of AIP to SO											
AP01925	Review & Comment by SO/ ICE/ IPs	28	30-Oct-14	26-Nov-14	27-Mar-15A	27-Mar-15A	Review & Comment by SO/ ICE/ IPs											
AP01930	Advance Comments from SO/ Comments from ICE/ IPs Received	0		26-Nov-14		27-Mar-15A	Advance Comments from SO/ Comments from ICE/ IPs Received											
AP01935	Designer to Prepare RTC & Updated AIP	18	27-Nov-14	17-Dec-14	27-Mar-15A	27-Mar-15A	Designer to Prepare RTC & Updated AIP											

■ Planned Bar
■ Planned Bar - Critical
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme (Rev. C) - Three months rolling programme
 Progress as of 30-Mar-15



Date	Revision	Checked	Approved
21-Feb-14	TMCLKDJEN.PRG.08505	SPa	WYu
28-Aug-14	TMCLKDJEN.PRG.08505 Rev. C	CLa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014 2015											
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug			
AP01940	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		17-Dec-14		30-Mar-15	◆ Submission of AIP to SO/ ICE together with Reply To Comment (RTC)											
AP01945	Reply to IPs Comments in RTC	0		17-Dec-14		30-Mar-15	◆ Reply to IPs Comments in RTC											
AP01950	ICE Approval & Issue of Design Check Cert.	18	18-Dec-14	10-Jan-15	30-Mar-15	23-Apr-15	ICE Approval & Issue of Design Check Cert.											
AP01955	Check Cert to SO	0		10-Jan-15		23-Apr-15	◆ Check Cert to SO											
AP01960	No Objection or Further Minor Comments from IPs Received	0		10-Jan-15		23-Apr-15	◆ No Objection or Further Minor Comments from IPs Received											
AP01980	SO Review (35 Days)	35	19-Dec-14	22-Jan-15	02-Apr-15	06-May-15	SO Review (35 Days)											
AP01985	SO Approval with Condition Received	0		22-Jan-15		06-May-15	◆ SO Approval with Condition Received											
(F2) DDA Temp works of Ground Treatment for TBMs passing under Southern Landfall																		
DD04740	Preparation of DDA Ground Improvement in Southern Landfall Seawall	18	01-Apr-15	25-Apr-15	08-May-15	29-May-15	Preparation of DDA Ground Improvement in Southern Landfall Seawall											
DD04750	Review & Comment by JV	18	27-Apr-15	18-May-15	30-May-15	19-Jun-15	Review & Comment by JV											
DD04760	Designer prepare DDA	6	19-May-15	26-May-15	22-Jun-15	27-Jun-15	Designer prepare DDA											
DD04770	Formal Submission of DDA to ICE/ IPs	0		26-May-15		27-Jun-15	◆ Formal Submission of DDA to ICE/ IPs											
DD04780	Advanced Submission to SO	0		26-May-15		27-Jun-15	◆ Advanced Submission to SO											
DD04790	IPs/ SO's Advance Comments/ ICE Comments	28	27-May-15	23-Jun-15	28-Jun-15	25-Jul-15	IPs/ SO's Advance Comments/ ICE Comments											
South Ventilation Building																		
Design Submission																		
(I1) DDA for South Vent. Bldg. GBP & Arch. Submission																		
DD01400	Preparation of DDA Sth VB GBP & Arch Submission	18	21-Aug-14	11-Sep-14	12-Jan-15A	12-Feb-15A	Preparation of DDA Sth VB GBP & Arch Submission											
DD01405	Review & Comment by JV	24	12-Sep-14	11-Oct-14	13-Feb-15A	20-Feb-15A	Review & Comment by JV											
DD01410	Designer prepare DDA	15	13-Oct-14	29-Oct-14	21-Feb-15A	25-Feb-15A	Designer prepare DDA											
DD01415	Formal Submission of DDA to ICE/ IPs	0		29-Oct-14		25-Feb-15A	◆ Formal Submission of DDA to ICE/ IPs											
DD01420	Advanced Submission to SO	0		29-Oct-14		25-Feb-15A	◆ Advanced Submission to SO											
DD01425	IPs/ SO's Advance Comments/ ICE Comments	28	30-Oct-14	26-Nov-14	25-Feb-15A	04-May-15	IPs/ SO's Advance Comments/ ICE Comments											
DD01430	Comments Received	0		26-Nov-14		04-May-15	◆ Comments Received											
DD01435	Designer to Reply RTC + Update Submission	21	27-Nov-14	20-Dec-14	05-May-15	29-May-15	Designer to Reply RTC + Update Submission											
DD01440	Submit Updated DDA to SO/ ICE/ IPs	0		22-Dec-14		30-May-15	◆ Submit Updated DDA to SO/ ICE/ IPs											
DD01445	ICE Approval & Issue Check Cert	18	22-Dec-14	14-Jan-15	30-May-15	19-Jun-15	ICE Approval & Issue Check Cert											
DD01450	Submit ICE Check Cert to SO	6	15-Jan-15	21-Jan-15	22-Jun-15	27-Jun-15	Submit ICE Check Cert to SO											
DD01455	IPs Review	28	22-Dec-14	18-Jan-15	30-May-15	26-Jun-15	IPs Review											
DD01460	IPs No Objection Received	0		18-Jan-15		26-Jun-15	◆ IPs No Objection Received											
DD01465	SO's Review	35	22-Dec-14	25-Jan-15	30-May-15	03-Jul-15	SO's Review											
(I2) DDA for South Vent. Bldg. Foundation Design																		
DD01500	Preparation of DDA Sth VB Foundation	18	01-Apr-15	25-Apr-15	30-May-15	19-Jun-15	Preparation of DDA Sth VB Foundation											
DD01505	Review & Comment by JV	18	27-Apr-15	18-May-15	22-Jun-15	13-Jul-15	Review & Comment by JV											
South Surface Roadworks, Utility & Drainage works																		
Design Submission																		
(E3) DDA for Sewerage, Drainage, Waterworks & Utility works for South Landfall																		
DD05810	Preparation of DDA Sewerage & Drainage works for Sth Landfall	18	08-Nov-14	28-Nov-14	02-Mar-15A	15-Mar-15A	Preparation of DDA Sewerage & Drainage works for Sth Landfall											
DD05820	Review & Comment by JV	18	29-Nov-14	19-Dec-14	16-Mar-15A	25-Mar-15A	Review & Comment by JV											
DD05830	Designer prepare DDA	10	20-Dec-14	03-Jan-15	25-Mar-15A	27-Mar-15A	Designer prepare DDA											
DD05840	Advanced Submission to SO	0		03-Jan-15		27-Mar-15A	◆ Advanced Submission to SO											
DD05850	Formal Submission of DDA to ICE/ IPs	0		03-Jan-15		27-Mar-15A	◆ Formal Submission of DDA to ICE/ IPs											
DD05860	IPs/ SO's Advance Comments/ ICE Comments	28	04-Jan-15	31-Jan-15	30-Mar-15	26-Apr-15	IPs/ SO's Advance Comments/ ICE Comments											
DD05870	Comments Received	0		31-Jan-15		27-Apr-15	◆ Comments Received											
DD05880	Designer to Reply RTC + Update Submission	21	02-Feb-15	04-Mar-15	27-Apr-15	21-May-15	Designer to Reply RTC + Update Submission											
DD05890	Submit Updated DDA to SO/ ICE/ IPs	0		05-Mar-15		22-May-15	◆ Submit Updated DDA to SO/ ICE/ IPs											
DD05900	ICE Approval & Issue Check Cert	12	05-Mar-15	18-Mar-15	22-May-15	05-Jun-15	ICE Approval & Issue Check Cert											
DD05910	Submit ICE Check Cert to SO	6	19-Mar-15	25-Mar-15	06-Jun-15	12-Jun-15	Submit ICE Check Cert to SO											
DD05920	IPs Review	28	05-Mar-15	01-Apr-15	22-May-15	18-Jun-15	IPs Review											
DD05930	IPs No Objection Received	0		01-Apr-15		18-Jun-15	◆ IPs No Objection Received											
DD05940	SO's Review	35	05-Mar-15	08-Apr-15	22-May-15	25-Jun-15	SO's Review											
DD05950	SO Approval with Condition Received	0		08-Apr-15		25-Jun-15	◆ SO Approval with Condition Received											

■ Planned Bar
■ Planned Bar - Critical
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme (Rev. C) - Three months rolling programme
 Progress as of 30-Mar-15



Date	Revision	Checked	Approved
21-Feb-14	TMCLKDBJGEN.PRG.08505	SPa	WYu
28-Aug-14	TMCLKDBJGEN.PRG.08505 Rev. C	CLa	WYu