

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014													
							Jun	Jul	Aug	Sep	Oct	Nov	Dec							
<b>TMCLK - Northern Connection Sub-Sea Tunnel Section</b>																				
<b>Construction</b>																				
<b>Northern Landfall</b>																				
<b>North Reclamation (Phase 1)</b>																				
<b>Construction</b>																				
<b>Milestones</b>																				
NRC10130	200m Leading Seawall for Reclamation: 650-700 (Zone B)	0	08-May-14	13-Aug-14A																
NRC10140	200m Leading Seawall for Reclamation: 700-956 (Zone B, A1 & A2)	0	16-May-14	23-Aug-14A																
NRC13160	Completion of Zone D1 Reclamation up to +14.5mPD	0		18-Oct-14		07-Jan-15														
NRC13170	Completion of Zone D2 Reclamation up to +5.0mPD	0		06-Jun-14		06-Aug-14A														
NRC13180	Completion of Zone D2 Reclamation up to +14.5mPD	0		11-Nov-14		30-Jan-15														
NRC13190	Completion of Zone C1 Reclamation up to +5.0mPD	0		27-Jun-14		16-Aug-14A														
NRC13200	Completion of Zone C1 Reclamation up to +10mPD	0		14-Oct-14		15-Jan-15														
NRC13205	Completion Zone C2 Reclamation up to +6mPD	0		02-Jul-14		04-Sep-14A														
NRC13210	Completion of Zone C2 Reclamation up to +10mPD	0		17-Sep-14		04-Oct-14														
NRC13230	Completion of Zone B Reclamation up to +6mPD	0		01-Aug-14		26-Sep-14A														
NRC13240	Completion of Zone A1 Reclamation up to +10mPD	0		21-Oct-14		22-Jan-15														
NRC13250	Completion of Zone A2 Reclamation up to +10mPD (TBC)	0		10-Nov-14		04-Feb-15														
<b>Zone E</b>																				
<b>Vertical Seawall</b>																				
NRC10470	VS - Berm Stone - Zone E - (CH150 to 205)	5	14-Jun-14	19-Jun-14	14-Jul-14A	01-Aug-14A														
NRC10480	VS - Mass Concrete Coping - Zone E - (CH0 to 50)	8	02-May-14	12-May-14	21-Jul-14A	03-Oct-14														
NRC10490	VS - Mass Concrete Coping - Zone E - (CH150 to 100)	8	13-May-14	21-May-14	23-Jul-14A	07-Oct-14														
NRC10500	VS - Mass Concrete Coping - Zone E - (CH100 to 150)	8	22-May-14	30-May-14	09-Jul-14A	13-Oct-14														
NRC10510	VS - Mass Concrete Coping - Zone E - (CH150 to 205)	11	31-May-14	13-Jun-14	16-Jul-14A	18-Oct-14														
<b>Reclamation</b>																				
NRC10755	Public Fill - Zone E - (CH150 to 205) to +14.0mPD	0			12-Dec-14	17-Jun-15														
NRC10765	Public Fill - Zone E - (CH150 to 205) - Surcharge Period	0			20-Dec-14	17-Jun-15														
<b>Zone D1</b>																				
<b>Vertical Seawall</b>																				
NRC11430	VS - Berm Stone - Zone D1 - (CH205 to 255)	6	20-Jun-14	26-Jun-14	01-Aug-14A	06-Aug-14A														
NRC11500	VS - Berm Stone - Zone D1 - (CH255 to 305)	3	27-Jun-14	30-Jun-14	06-Aug-14A	12-Aug-14A														
NRC11570	VS - Berm Stone - Zone D1 - (CH305 to 355)	3	02-Jul-14	04-Jul-14	13-Aug-14A	16-Aug-14A														
NRC11720	VS - Mass Concrete Coping - Zone D1 - (CH205 to 255)	15	02-May-14	29-May-14	29-Sep-14	17-Oct-14														
NRC11790	VS - Mass Concrete Coping - Zone D1 - (CH255 to 305)	8	21-May-14	29-May-14	18-Oct-14	27-Oct-14														
NRC11860	VS - Mass Concrete Coping - Zone D1 - (CH305 to 355)	8	30-May-14	09-Jun-14	28-Oct-14	05-Nov-14														
<b>Sloping Seawall</b>																				
NRC120200	VS - Berm Stone - Zone D1 - RTT	2	20-Jun-14	21-Jun-14	09-Oct-14	10-Oct-14														
NRC1202090	VS - Mass Concrete Coping - Zone D1 - RTT	4	26-Apr-14	02-May-14	12-Aug-14A	29-Sep-14														
NRC13610	SS - Armour Rock Underlayer - Zone D1 - (CH255 to 305)	5	27-Dec-13	02-Jan-14	01-Aug-14A	10-Aug-14A														
NRC13690	SS - Armour Rock Underlayer - Zone D1 - (CH305 to 355)	5	03-Jan-14	08-Jan-14	11-Aug-14A	19-Aug-14A														
NRC14070	SS - Armour Rock - Zone D1 - (CH255 to 305)	4	03-Jan-14	07-Jan-14	29-Sep-14	04-Oct-14														
NRC14080	SS - Armour Rock - Zone D1 - (CH305 to 355)	4	08-Jan-14	11-Jan-14	06-Oct-14	09-Oct-14														
NRC14120	SS - Mass Concrete Coping - Zone D1 - (CH255 to 305)	7	02-May-14	10-May-14	06-Oct-14	13-Oct-14														
NRC14130	SS - Mass Concrete Coping - Zone D1 - (CH305 to 355)	7	12-May-14	19-May-14	14-Oct-14	21-Oct-14														
<b>Reclamation</b>																				
NRC13460	Public Fill - Zone D1 - (CH205 to 255) to +14.5mPD	12	06-Sep-14	20-Sep-14	28-Nov-14	09-Dec-14														
NRC13470	Public Fill - Zone D1 - (CH255 to 305) to +14.5mPD	11	22-Sep-14	06-Oct-14	10-Dec-14	22-Dec-14														
NRC13480	Public Fill - Zone D1 - (CH305 to 355) to +14.5mPD	11	07-Oct-14	18-Oct-14	23-Dec-14	07-Jan-15														
NRC15150	Surcharge Period - Zone D1 - (CH205 to 255)	180	21-Sep-14	19-Mar-15	10-Dec-14	07-Jun-15														
NRC15170	Surcharge Period - Zone D1 - (CH255 to 305)	180	07-Oct-14	04-Apr-15	23-Dec-14	20-Jun-15														
NRC15190	Surcharge Period - Zone D1 - (CH305 to 355)	180	19-Oct-14	16-Apr-15	08-Jan-15	06-Jul-15														
<b>Zone D2</b>																				
<b>Vertical Seawall</b>																				
NRC11640	VS - Berm Stone - Zone D2 - (CH355 to 405)	3	05-Jul-14	08-Jul-14	23-Aug-14A	23-Aug-14A														
NRC11680	VS - Berm Stone - Zone D2 - (CH405 to 443)	3	09-Jul-14	11-Jul-14	28-Aug-14A	28-Aug-14A														
NRC11930	VS - Mass Concrete Coping - Zone D2 - (CH355 to 405)	8	12-May-14	21-May-14	29-Sep-14	09-Oct-14														
NRC11980	VS - Mass Concrete Coping - Zone D2 - (CH405 to 443)	8	23-May-14	03-Jun-14	10-Oct-14	18-Oct-14														
<b>Sloping Seawall</b>																				
NRC13770	SS - Armour Rock Underlayer - Zone D2 - (CH355 to 405)	5	09-Jan-14	14-Jan-14	12-Aug-14A	28-Aug-14A														
NRC13880	SS - Armour Rock Underlayer - Zone D2 - (CH405 to 443)	5	15-Jan-14	20-Jan-14	26-Aug-14A	29-Sep-14														
NRC14090	SS - Armour Rock - Zone D2 - (CH355 to 405)	4	13-Jan-14	16-Jan-14	10-Oct-14	14-Oct-14														
NRC14100	SS - Armour Rock - Zone D2 - (CH405 to 443)	4	17-Jan-14	21-Jan-14	15-Oct-14	18-Oct-14														
NRC14140	SS - Mass Concrete Coping - Zone D2 - (CH355 to 405)	7	20-May-14	27-May-14	22-Oct-14	29-Oct-14														
NRC14150	SS - Mass Concrete Coping - Zone D2 - (CH405 to 443)	7	28-May-14	05-Jun-14	30-Oct-14	06-Nov-14														
<b>Reclamation</b>																				
NRC13620	Public Fill - Zone D2 - (CH405 to 443) to +5.0mPD	4	03-Jun-14	06-Jun-14	21-Jul-14A	06-Aug-14A														
NRC13630	Public Fill - Zone D2 - (CH355 to 405) to +14.5mPD	11	20-Oct-14	31-Oct-14	08-Jan-15	20-Jan-15														
NRC13640	Public Fill - Zone D2 - (CH405 to 443) to +14.5mPD	9	01-Nov-14	11-Nov-14	21-Jan-15	30-Jan-15														
NRC15210	Surcharge Period - Zone D2 - (CH355 to 405)	180	01-Nov-14	29-Apr-15	21-Jan-15	19-Jul-15														
NRC15230	Surcharge Period - Zone D2 - (CH405 to 443)	180	12-Nov-14	10-May-15	31-Jan-15	29-Jul-15														
<b>Zone C1</b>																				
<b>Vertical Seawall</b>																				
NRC14670	VS - Berm Stone - Zone C1 - (CH443 to 493)	3	12-Jul-14	15-Jul-14	31-Aug-14A	04-Sep-14A														
NRC14680	VS - Berm Stone - Zone C1 - (CH493 to 543)	3	16-Jul-14	18-Jul-14	04-Sep-14A	18-Sep-14A														
NRC14700	VS - Mass Concrete Coping - Zone C1 - (CH443 to 493)	8	10-Jun-14	18-Jun-14	06-Nov-14	14-Nov-14														
NRC14710	VS - Mass Concrete Coping - Zone C1 - (CH493 to 543)	8	19-Jun-14	27-Jun-14	15-Nov-14	24-Nov-14														
<b>Sloping Seawall</b>																				
NRC14820	SS - Armour Rock Underlayer - Zone C1 - (CH443 to 493)	5	27-Jan-14	07-Feb-14	28-Aug-14A	31-Aug-14A														
NRC14830	SS - Armour Rock Underlayer - Zone C1 - (CH493 to 543)	5	12-Feb-14	17-Feb-14	30-Sep-14	07-Oct-14														
NRC14850	SS - Armour Rock - Zone C1 - (CH443 to 493)	4	27-Feb-14	03-Mar-14	20-Oct-14	23-Oct-14														
NRC14860	SS - Armour Rock - Zone C1 - (CH493 to 543)	4	04-Mar-14	07-Mar-14	24-Oct-14	28-Oct-14														
NRC14880	SS - Mass Concrete Coping - Zone C1 - (CH443 to 493)	7	10-Jun-14	18-Jun-14	14-Oct-14	21-Oct-14														
NRC14890	SS - Mass Concrete Coping - Zone C1 - (CH493 to 543)	7	18-Jun-14	25-Jun-14	22-Oct-14	29-Oct-14														
<b>Reclamation</b>																				
NRC13680	Public Fill - Zone C1 - (CH493 to 543) to -2.5mPD	2	03-Jun-14	04-Jun-14	22-Jul-14A	02-Aug-14A														
NRC13710	Compacted Sandfill - Zone C1 - (CH493 to 543) to +2.5mPD	5	09-Jun-14	13-Jun-14	23-Jul-14A	13-Aug-14A														
NRC13720	Public Fill - Zone C1 - (CH443 to 493) to +2.5mPD	4	09-Jun-14	12-Jun-14	01-Aug-14A	13-Aug-14A														
NRC13730	Public Fill - Zone C1 - (CH493 to 543) to +2.5mPD	4	14-Jun-14	18-Jun-14	02-Aug-14A	13-Aug-14A														
NRC13740	Compacted Sandfill - Zone C1 - (CH443 to 493) to +5.0mPD	4	13-Jun-14	17-Jun-14	28-Jul-14A	14-Aug-14A														
NRC13750	Compacted Sandfill - Zone C1 - (CH493 to 543) to +5.0mPD	4	19-Jun-14	23-Jun-14	01-Aug-14A	16-Aug-14A														







Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014										
							Jun	Jul	Aug	Sep	Oct	Nov	Dec				
A6416620	Predrilling - CH184 to CH231	24	22-Mar-14	23-Apr-14	17-Nov-14	13-Dec-14											
A6416730	Bored Pile Construction - A34 to A27	156	22-Mar-14	30-Sep-14	17-Nov-14	03-Jun-15											
<b>CH231 to CH278</b>																	
A6416630	Predrilling - CH231 to CH278	24	22-Apr-14	13-Oct-14	22-Nov-14	23-May-15											
A6416740	Bored Pile Construction - A26 to A19	143	22-Apr-14	13-Oct-14	22-Nov-14	23-May-15											
<b>CH278 to CH327</b>																	
A6416640	Predrilling - CH278 to CH327	24	26-Apr-14	26-May-14	29-Nov-14	29-Dec-14											
A6416750	Bored Pile Construction - A18 to A11	117	27-May-14	15-Oct-14	30-Dec-14	29-May-15											
<b>CH327 to CH381</b>																	
A6416650	Predrilling - CH327 to CH381	24	02-May-14	30-May-14	01-Dec-14	30-Dec-14											
A6416760	Bored Pile Construction - A10 to A03	86	31-May-14	11-Sep-14	31-Dec-14	22-Apr-15											
<b>CH381 to CH399 (Box Culvert Connection)</b>																	
A6416660	F - Prebored H-piles for CKS Temporary Land Access	6	18-Feb-14	02-May-14	29-Sep-14	08-Dec-14											
A6417000	F - Steel Bridge Installation for Land Access to Zone E	52	25-Feb-14	30-Apr-14	08-Oct-14	06-Dec-14											
A6417010	F - Available of Land Access to Zone E	0	02-May-14		08-Dec-14												
<b>North Shafts Construction &amp; Tunnel Structure</b>																	
<b>Construction</b>																	
<b>North Launching Shaft ELS Foundation &amp; Capping Beam (Cell 1 to 3)</b>																	
NSH1340	E - Cell 1-3 - Diaphragm Wall & Toe Grouting - Shaft ELS	54	02-May-14	07-Jul-14	07-Jun-14A	10-Oct-14											
NSH1350	E - Cell 1-3 - Diaphragm Wall & Toe Grouting - Perm Barrette	26	08-Jul-14	06-Aug-14	18-Aug-14A	21-Oct-14											
NSH1360	E - Cell 1-3 - Capping beam Installation	18	08-Jul-14	28-Jul-14	26-Aug-14A	22-Oct-14											
NSH1370	E - Cell 1-3 - Instrumentation & Pump well Installation	6	31-Jul-14	06-Aug-14	23-Aug-14A	24-Oct-14											
NSH1430	E - Pumping Test for TBM Launching Shaft ELS - Cell 1-3	5	07-Aug-14	11-Aug-14	25-Oct-14	29-Oct-14											
<b>North Launching Shaft Excavation (Cell 1 to 3)</b>																	
NSH1440	E - Cell 1 to 3 - Shaft Excavation	77	12-Aug-14	12-Nov-14	30-Oct-14	05-Feb-15											
<b>North Launching Shaft Base Slab for TBM Launching</b>																	
NSH1455	E - Tympanum construction for TBM break-in	12	20-Nov-14	03-Dec-14	13-Feb-15	05-Mar-15											
NSH1460	E - Cell 1 to 2 - Base Slab construction	22	13-Nov-14	08-Dec-14	06-Feb-15	09-Mar-15											
NSH1470	E - Cell 3 - Base Slab construction	12	16-Dec-14	31-Dec-14	10-Mar-15	23-Mar-15											
NSH1475	E - Dwell Opening at Cell 3	0			24-Mar-15	10-Apr-15											
<b>North Ventilation Shaft ELS Foundation &amp; Capping Beam</b>																	
A6415775	A - Setup for Shaft ELS Foundation	20	02-Aug-14	01-Dec-14	24-Nov-14	20-Apr-15											
A6415780	A - Diaphragm Wall - Shaft ELS	81	26-Aug-14	01-Dec-14	16-Dec-14	20-Apr-15											
<b>CLP Temporary Substation</b>																	
<b>Construction</b>																	
DDP12800	1st Batch - CLP Installation & Commissioning	108	02-Jul-14	07-Nov-14	02-Jul-14A	07-Nov-14											
DDP12810	11kV Equipment / Switch Room Installation by JV	48	20-Aug-14	18-Oct-14	20-Aug-14A	18-Oct-14											
DDP12820	FS Installation by JV	24	11-Oct-14	08-Nov-14	11-Oct-14	08-Nov-14											
DDP12830	1st batch - Noise Measurement (to be clarified)	12	08-Nov-14	21-Nov-14	08-Nov-14	21-Nov-14											
DDP12840	Final FS Installation by JV	6	08-Nov-14	14-Nov-14	08-Nov-14	14-Nov-14											
DDP12850	FSD inspection for 1st Transformer Energization	12	15-Nov-14	28-Nov-14	15-Nov-14	28-Nov-14											
DDP12860	1st Batch - Commissioning & Energization	0		28-Nov-14	28-Nov-14	28-Nov-14											
DDP12870	2nd Batch - CLP Installation & Commissioning	95	15-Oct-14	05-Feb-15	15-Oct-14	28-Feb-15											
DDP1287010	10 days stoppage of power supply to site	0			02-Feb-15	12-Feb-15											
DDP12880	FS Installation by JV	24	09-Jan-15	06-Feb-15	26-Jan-15	02-Mar-15											
DDP12890	2nd Batch - Noise Measurement (to be clarified)	6	06-Feb-15	12-Feb-15	02-Mar-15	07-Mar-15											
DDP12900	Final FS Installation by JV	6	06-Feb-15	12-Feb-15	02-Mar-15	07-Mar-15											
DDP12910	FSD inspection for 2nd Transformer Energization	6	13-Feb-15	18-Feb-15	08-Mar-15	21-Mar-15											
DDP12920	2nd Batch - Commissioning & Energization	0		18-Feb-15	21-Mar-15												
<b>North Surface works for TBM Tunnelling</b>																	
<b>Construction</b>																	
<b>Zone E</b>																	
A6416431	Zone E - Vibro-compaction (CH150-205)	0			21-Jul-14A	20-Aug-14A											
A6416436	Zone E - Unreinforced Separation D-wall	0			25-Aug-14A	05-Sep-14A											
A6416438	Zone E - Ground Treatment for CP55	0			29-Sep-14	24-Oct-14											
A6416439	Zone E - Granular Material for B/Cement Base	0			06-Sep-14A	28-Oct-14											
A641643910	Zone E - TBM Crown Ground Treatment	0			29-Sep-14	11-Dec-14											
A6416440	Zone E - Slurry Wall for Break-in Plug	38	18-Sep-14	03-Nov-14	23-Dec-14	07-Feb-15											
A6416450	Zone E - Jet grouting	60	04-Nov-14	15-Jan-15	09-Feb-15	30-Apr-15											
<b>Zone D1</b>																	
NRC13940	Zone D1 - Vibro-compaction (CH205 to 255)	60	08-May-14	03-Dec-14	11-Aug-14A	28-Feb-15											
NRC13950	Zone D1 - Vibro-compaction (CH255 to 305)	60	13-May-14	11-Jul-14	28-Aug-14A	20-Sep-14A											
NRC13960	Zone D1 - Vibro-compaction (CH305 to 355)	60	17-May-14	15-Jul-14	20-Aug-14A	27-Sep-14A											
NRC14000	Zone D1 - Compacted Sand Excavation down to +2.0mPD	6	07-Jul-14	12-Jul-14	18-Sep-14A	03-Oct-14											
NRC14010	Zone D1 - Unreinforced Separation D-wall (1st 55m)	16	14-Jul-14	31-Jul-14	04-Oct-14	22-Oct-14											
NRC14012	Zone D1 - Unreinforced Separation D-wall (Remaining)	19	01-Aug-14	22-Aug-14	23-Oct-14	13-Nov-14											
NRC14015	Zone D1 - Ground Treatment at TBM Tunnel Crown	61	22-Sep-14	03-Dec-14	10-Dec-14	28-Feb-15											
NRC14020	Zone D1 - B/C Slurry Substitution for CP54	20	14-Jul-14	05-Aug-14	04-Oct-14	27-Oct-14											
NRC14030	Zone D1 - Granular Material for B/Cement Base	6	23-Aug-14	29-Aug-14	14-Nov-14	20-Nov-14											
NRC14040	Zone D1 - Compacted Granular Material to +6.0mPD	6	30-Aug-14	05-Sep-14	21-Nov-14	27-Nov-14											
<b>Zone D2</b>																	
NRC13970	Zone D2 - Vibro-compaction (CH355 to 405)	60	25-May-14	23-Jul-14	17-Sep-14A	31-Oct-14											
NRC13980	Zone D2 - Vibro-compaction (CH405 to 443)	60	07-Jun-14	05-Aug-14	29-Sep-14	27-Nov-14											
NRC13990	Zone D2 - Unreinforced Separation D-wall	21	23-Aug-14	17-Sep-14	28-Nov-14	22-Dec-14											
NRC14110	Zone D2 - B/C Slurry Substitution for CP53	22	06-Aug-14	30-Aug-14	28-Nov-14	23-Dec-14											
<b>Zone C1</b>																	
NRC1202100	Zone C1 - Vibro-compaction (CH355 to 405)	60	22-Jun-14	20-Aug-14	29-Sep-14	27-Nov-14											
NRC1202110	Zone C1 - Vibro-compaction (CH405 to 443)	60	28-Jun-14	26-Aug-14	29-Sep-14	27-Nov-14											
NRC1202120	Zone C1 - Unreinforced Separation D-wall	27	27-Aug-14	27-Sep-14	28-Nov-14	31-Dec-14											
NRC1202130	Zone C1 - B/C Slurry Substitution for CP52	26	27-Aug-14	26-Sep-14	28-Nov-14	30-Dec-14											
<b>Zone C2</b>																	
NRC1202140	Zone C2 - Unreinforced Separation D-wall	15	09-Aug-14	26-Aug-14	16-Oct-14	01-Nov-14											
NRC1202150	Zone C2 - Drilling for Rock Fissure Grouting for CP51	21	03-Jul-14	26-Jul-14	29-Sep-14	24-Oct-14											
NRC1202155	Zone C2 - Rock Fissure Grouting for CP51	44	14-Jul-14	02-Sep-14	11-Oct-14	01-Dec-14											
NRC1202160	Zone C2 - Jet Grouting for CP51	18	20-Aug-14	10-Sep-14	18-Nov-14	08-Dec-14											
<b>Zone B</b>																	
A6415897	Zone B - Unreinforced Separation D-wall	13	25-Jul-14	08-Aug-14	29-Sep-14	15-Oct-14											
<b>Ground Treatment</b>																	
A6417430	Zone A - B/C Slurry Substitution for CP49	30	22-Oct-14	25-Nov-14	23-Jan-15	05-Mar-15											
A6417440	Zone A - Drilling for Rock Fissure Grouting for CP48	65	11-Nov-14	28-Jan-15	05-Feb-15	04-May-15											
A6417450	Zone A - Rock Fissure Grouting for CP48	90	25-Nov-14	19-Mar-15	26-Feb-15	17-Jun-15											
<b>North Approach TBM Tunnelling &amp; Cross Passage</b>																	
<b>Construction</b>																	
<b>Northern Landfall Surface Setup for TBM operation</b>																	
A6415930	Gantry Setup at North TBM Launching Shaft	48	29-Jul-14	23-Sep-14	23-Oct-14	17-Dec-14											
A6415937	Slurry Treatment Plant Foundation	25	15-Oct-14	12-Nov-14	16-Jan-15	13-Feb-15											
<b>S880 TBM Assembly at North TBM Launching Shaft</b>																	
NSH1900	S880 - TBM Launching - Front Shield Assembly	3	09-Dec-14	11-Dec-14	27-Mar-15	29-Mar-15											
<b>Southern Landfall</b>																	
<b>Construction</b>																	
DDP11950	S - Pile Test	24	09-Apr-16	07-May-16	02-Mar-15	28-Mar-15											