

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015			
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr

TMCLK - Northern Connection Sub-Sea Tunnel Section							
Contract Dates							
Handover Date							
HD010	Portions: WA18C	0		06-Jan-15		06-Jan-15*	0%
General Submissions							
Programme							
SCC0277	Detailed Works Programme - SCC27.2 - Approval by SO	30	11-Feb-14	12-Mar-14	29-Aug-14A	13-Nov-14A	100%
General Design Submissions							
(A19) DDA for Roadworks & Project Alignment							
DD68310	IPs/ SO's Advance Comments/ ICE Comments	28	26-Jul-14	22-Aug-14	08-Sep-14A	13-Nov-14A	100%
DD68320	Comments Received	0		22-Aug-14		13-Nov-14A	100%
DD68330	Designer to Reply RTC + Update Submission	21	23-Aug-14	17-Sep-14	14-Nov-14A	22-Dec-14A	100%
DD68340	Submit Updated DDA to SO/ ICE/ IPs	0	18-Sep-14		22-Dec-14A		100%
DD68350	ICE Approval & Issue Check Cert	12	18-Sep-14	03-Oct-14	03-Sep-14A	02-Jan-15	83%
DD68360	Submit ICE Check Cert to SO	6	04-Oct-14	10-Oct-14	03-Jan-15	09-Jan-15	0%
DD68370	SO's Review	35	18-Sep-14	22-Oct-14	31-Dec-14	03-Feb-15	0%
DD68380	SO Approval with Condition R received	0		22-Oct-14		03-Feb-15	0%
(G6) IFA for Tunnel GBP							
DD70750	SO's Review	35	29-Apr-14	02-Jun-14	09-Aug-14A	30-Dec-14	94%
DD70760	SO Approval with Condition R received	0		03-Jun-14		30-Dec-14	0%
Construction Supervision Plan							
GEO1115	2nd GEO Review	28	29-Mar-14	25-Apr-14	29-Mar-14A	30-Dec-14	93%
Self contained Cat I/II supervising monthly report							
GEO1425	1st Submission GEO Review	28	31-May-14	27-Jun-14	15-Oct-14A	21-Nov-14A	100%
GEO1430	Received GEO Comment	0		27-Jun-14		21-Nov-14A	100%
GEO1435	Prepare Response to Comment	12	28-Jun-14	12-Jul-14	21-Nov-14A	21-Nov-14A	100%
GEO1440	2nd Submission to GEO	0		12-Jul-14		21-Nov-14A	100%
GEO1445	2nd GEO Review	28	13-Jul-14	09-Aug-14	21-Nov-14A	21-Nov-14A	100%

Construction

Northern Landfall

North Reclamation (Phase 1)

Design Submission							
(B4) DDA Construction Risk Assessment - Impact on North Landfall + Sub-sea Tunnel							
DD68410	SO's Comments for 1st Submission	35	01-Jun-14	05-Jul-14	27-Sep-14A	30-Dec-14	94%
DD68420	Prepare Re-submission	10	07-Jul-14	17-Jul-14	31-Dec-14	12-Jan-15	0%
DD68430	2nd Submission	0		17-Jul-14		12-Jan-15	0%
DD68490	SO's Condition Approval	35	18-Jul-14	21-Aug-14	13-Jan-15	16-Feb-15	0%

Method Statement Submission

Method Statement of Construction Methodology of Culvert Extension							
MS1800	Preparation Method Statement for Culvert Extension	25	24-Jun-14	23-Jul-14	29-Dec-14	27-Jan-15	0%
MS1810	Submit Method Statement to SO	0		23-Jul-14		27-Jan-15	0%
MS1820	SO Reviews & Comments	28	24-Jul-14	20-Aug-14	28-Jan-15	24-Feb-15	0%
MS1830	Re-submission	18	21-Aug-14	11-Sep-14	26-Feb-15	18-Mar-15	0%

Construction

Milestones							
NRC13160	Completion of Zone D1 Reclamation up to +14.5mPD	0		18-Oct-14		31-Oct-14A	100%
NRC13180	Completion of Zone D2 Reclamation up to +14.5mPD	0		11-Nov-14		19-Nov-14A	100%
NRC13210	Completion of Zone C2 Reclamation up to +10mPD	0		17-Sep-14		06-Jan-15A	100%
NRC13240	Completion of Zone A1 Reclamation up to +10mPD	0		21-Oct-14		03-Feb-15	0%
NRC13250	Completion of Zone A2 Reclamation up to +10mPD (TBC)	0		10-Nov-14		12-Feb-15	0%

Zone E

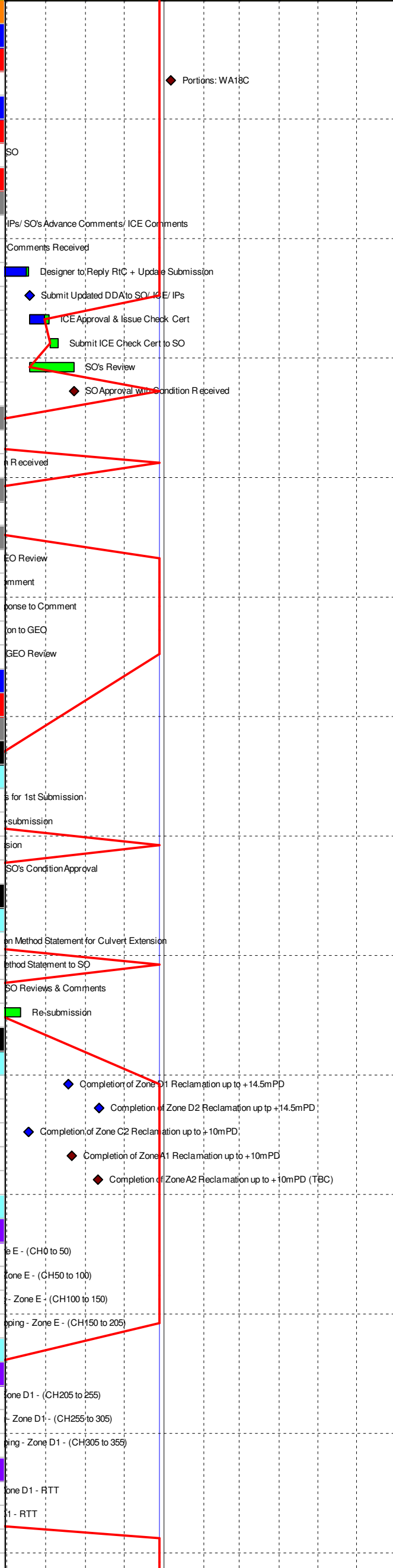
Vertical Seawall							
NRC10480	VS - Mass Concrete Coping - Zone E - (CH0 to 50)	8	02-May-14	12-May-14	21-Jul-14A	14-Nov-14A	100%
NRC10490	VS - Mass Concrete Coping - Zone E - (CH50 to 100)	8	13-May-14	21-May-14	23-Jul-14A	03-Nov-14A	100%
NRC10500	VS - Mass Concrete Coping - Zone E - (CH100 to 150)	8	22-May-14	30-May-14	09-Jul-14A	12-Nov-14A	100%
NRC10510	VS - Mass Concrete Coping - Zone E - (CH150 to 205)	11	31-May-14	13-Jun-14	16-Jul-14A	20-Nov-14A	100%

Zone D1

Vertical Seawall							
NRC11720	VS - Mass Concrete Coping - Zone D1 - (CH205 to 255)	15	02-May-14	20-May-14	22-Dec-14A	10-Jan-15	25%
NRC11790	VS - Mass Concrete Coping - Zone D1 - (CH255 to 305)	8	21-May-14	29-May-14	12-Jan-15	20-Jan-15	0%
NRC11860	VS - Mass Concrete Coping - Zone D1 - (CH305 to 355)	8	30-May-14	09-Jun-14	21-Jan-15	29-Jan-15	0%

Sloping Seawall

NRC120208	VS - Berm Stone - Zone D1 - RTT	2	20-Jun-14	21-Jun-14	01-Dec-14A	29-Dec-14	50%
NRC120209	VS - Mass Concrete Coping - Zone D1 - RTT	4	26-Apr-14	02-May-14	12-Aug-14A	29-Dec-14	80%
NRC14070	SS - Armour Rock - Zone D1 - (CH255 to 305)	4	03-Jan-14	07-Jan-14	02-Dec-14A	02-Dec-14A	100%
NRC14080	SS - Armour Rock - Zone D1 - (CH305 to 355)	4	08-Jan-14	11-Jan-14	09-Dec-14A	12-Jan-15A	100%



■ Planned Bar
■ Planned Bar
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme - Three months rolling programme



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015			
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Reclamation															
NRC13480	Public Fill - Zone D1 - (CH305 to 355) to +14.5mPD	11	07-Oct-14	18-Oct-14	19-Oct-14A	31-Oct-14A	100%	Public Fill - Zone D1 - (CH305 to 355) to +14.5mPD							
NRC15190	Surcharge Period - Zone D1 - (CH305 to 355)	180	19-Oct-14	16-Apr-15	01-Nov-14A	03-May-15	33%	Surcharge Period - Zone D1 - (CH305 to 355)							
Zone D2															
Vertical Seawall															
NRC11930	VS - Mass Concrete Coping - Zone D2 - (CH355 to 405)	8	12-May-14	21-May-14	29-Dec-14	07-Jan-15	0%	Zone D2 - (CH355 to 405)							
NRC11980	VS - Mass Concrete Coping - Zone D2 - (CH405 to 443)	8	23-May-14	03-Jun-14	08-Jan-15	16-Jan-15	0%	Coping - Zone D2 - (CH405 to 443)							
Sloping Seawall															
NRC14090	SS - Armour Rock - Zone D2 - (CH355 to 405)	4	13-Jan-14	16-Jan-14	12-Dec-14A	15-Dec-14A	100%	SS - Armour Rock - Zone D2 - (CH355 to 405)							
NRC14100	SS - Armour Rock - Zone D2 - (CH405 to 443)	4	17-Jan-14	21-Jan-14	15-Dec-14A	30-Dec-14	39%	SS - Armour Rock - Zone D2 - (CH405 to 443)							
Reclamation															
NRC13630	Public Fill - Zone D2 - (CH355 to 405) to +14.5mPD	11	20-Oct-14	31-Oct-14	02-Nov-14A	08-Nov-14A	100%	Public Fill - Zone D2 - (CH355 to 405) to +14.5mPD							
NRC13640	Public Fill - Zone D2 - (CH405 to 443) to +14.5mPD	9	01-Nov-14	11-Nov-14	10-Nov-14A	19-Nov-14A	100%	Public Fill - Zone D2 - (CH405 to 443) to +14.5mPD							
NRC15210	Surcharge Period - Zone D2 - (CH355 to 405)	180	01-Nov-14	29-Apr-15	09-Nov-14A	11-May-15	28%	Surcharge Period - Zone D2 - (CH355 to 405)							
NRC15230	Surcharge Period - Zone D2 - (CH405 to 443)	180	12-Nov-14	10-May-15	19-Nov-14A	21-May-15	23%	Surcharge Period - Zone D2 - (CH405 to 443)							
Zone C1															
Vertical Seawall															
NRC14700	VS - Mass Concrete Coping - Zone C1 - (CH443 to 493)	8	10-Jun-14	18-Jun-14	14-Nov-14A	24-Dec-14A	100%	Coping - Zone C1 - (CH443 to 493)							
NRC14710	VS - Mass Concrete Coping - Zone C1 - (CH493 to 543)	8	19-Jun-14	27-Jun-14	14-Nov-14A	03-Feb-15	50%	Coping - Zone C1 - (CH493 to 543)							
Sloping Seawall															
NRC14830	SS - Armour Rock Underlayer - Zone C1 - (CH493 to 543)	5	12-Feb-14	17-Feb-14	12-Dec-14A	13-Dec-14A	100%	SS - Armour Rock Underlayer - Zone C1 - (CH493 to 543)							
NRC14850	SS - Armour Rock - Zone C1 - (CH443 to 493)	4	27-Feb-14	03-Mar-14	31-Dec-14	05-Jan-15	0%	SS - Armour Rock - Zone C1 - (CH443 to 493)							
NRC14860	SS - Armour Rock - Zone C1 - (CH493 to 543)	4	04-Mar-14	07-Mar-14	06-Jan-15	09-Jan-15	0%	SS - Armour Rock - Zone C1 - (CH493 to 543)							
NRC14880	SS - Mass Concrete Coping - Zone C1 - (CH443 to 493)	7	10-Jun-14	18-Jun-14	15-Dec-14A	20-Dec-14A	100%	Coping - Zone C1 - (CH443 to 493)							
NRC14890	SS - Mass Concrete Coping - Zone C1 - (CH493 to 543)	7	18-Jun-14	25-Jun-14	20-Dec-14A	24-Dec-14A	100%	Coping - Zone C1 - (CH493 to 543)							
Zone C2															
Vertical Seawall															
NRC14690	VS - Berm Stone - Zone C2 - (CH543 to 598)	3	19-Jul-14	22-Jul-14	03-Nov-14A	03-Nov-14A	100%	Stone - Zone C2 - (CH543 to 598)							
NRC14720	VS - Mass Concrete Coping - Zone C2 - (CH543 to 598)	8	20-Jun-14	30-Jun-14	01-Nov-14A	02-Jan-15	50%	Coping - Zone C2 - (CH543 to 598)							
Sloping Seawall															
NRC14840	SS - Armour Rock Underlayer - Zone C2 - (CH543 to 598)	5	21-Feb-14	26-Feb-14	15-Dec-14A	15-Dec-14A	100%	SS - Armour Rock Underlayer - Zone C2 - (CH543 to 598)							
NRC14870	SS - Armour Rock - Zone C2 - (CH543 to 598)	4	08-Mar-14	12-Mar-14	10-Jan-15	14-Jan-15	0%	SS - Armour Rock - Zone C2 - (CH543 to 598)							
NRC14900	SS - Mass Concrete Coping - Zone C2 - (CH543 to 598)	7	26-Jun-14	04-Jul-14	08-Dec-14A	09-Dec-14A	100%	Coping - Zone C2 - (CH543 to 598)							
Zone B															
Vertical Seawall															
NRC11360	VS - Berm Stone - Zone B - (CH598 to 648)	3	23-Jul-14	25-Jul-14	05-Nov-14A	13-Nov-14A	100%	Stone - Zone B - (CH598 to 648)							
NRC11370	VS - Berm Stone - Zone B - (CH648 to 698)	3	26-Jul-14	29-Jul-14	14-Nov-14A	20-Nov-14A	100%	Stone - Zone B - (CH648 to 698)							
NRC11380	VS - Berm Stone - Zone B - (CH698 to 738)	3	30-Jul-14	01-Aug-14	19-Nov-14A	22-Nov-14A	100%	Stone - Zone B - (CH698 to 738)							
NRC11400	VS - Mass Concrete Coping - Zone B - (CH598 to 648)	8	30-Jun-14	09-Jul-14	21-Oct-14A	07-Jan-15	50%	Concrete Coping - Zone B - (CH598 to 648)							
NRC11410	VS - Mass Concrete Coping - Zone B - (CH648 to 698)	8	10-Jul-14	18-Jul-14	20-Nov-14A	12-Jan-15	33%	Concrete Coping - Zone B - (CH648 to 698)							
NRC11420	VS - Mass Concrete Coping - Zone B - (CH698 to 738)	8	19-Jul-14	28-Jul-14	02-Dec-14A	17-Jan-15	33%	Concrete Coping - Zone B - (CH698 to 738)							
Sloping Seawall															
NRC11540	SS - Armour Rock Underlayer - Zone B - (CH598 to 648)	5	04-Mar-14	08-Mar-14	15-Oct-14A	03-Nov-14A	100%	SS - Armour Rock Underlayer - Zone B - (CH598 to 648)							
NRC11550	SS - Armour Rock Underlayer - Zone B - (CH648 to 698)	5	14-Mar-14	19-Mar-14	04-Nov-14A	16-Dec-14A	100%	SS - Armour Rock Underlayer - Zone B - (CH648 to 698)							
NRC11560	SS - Armour Rock Underlayer - Zone B - (CH698 to 738)	5	26-Mar-14	31-Mar-14	16-Dec-14A	18-Dec-14A	100%	SS - Armour Rock Underlayer - Zone B - (CH698 to 738)							
NRC11580	SS - Armour Rock - Zone B - (CH598 to 648)	4	01-Apr-14	04-Apr-14	15-Jan-15	19-Jan-15	0%	SS - Armour Rock - Zone B - (CH598 to 648)							
NRC11590	SS - Armour Rock - Zone B - (CH648 to 698)	4	07-Apr-14	10-Apr-14	20-Jan-15	23-Jan-15	0%	SS - Armour Rock - Zone B - (CH648 to 698)							
NRC11600	SS - Armour Rock - Zone B - (CH698 to 738)	4	11-Apr-14	15-Apr-14	24-Jan-15	28-Jan-15	0%	SS - Armour Rock - Zone B - (CH698 to 738)							
NRC11620	SS - Mass Concrete Coping - Zone B - (CH648 to 698)	7	14-Jul-14	21-Jul-14	22-Oct-14A	05-Nov-14A	100%	Concrete Coping - Zone B - (CH648 to 698)							
NRC11630	SS - Mass Concrete Coping - Zone B - (CH698 to 738)	7	22-Jul-14	29-Jul-14	06-Nov-14A	11-Nov-14A	100%	Concrete Coping - Zone B - (CH698 to 738)							
Reclamation															
NRC15360	Surcharge Removal - Zone B - (CH698 to 738)	10	12-Feb-15	02-Mar-15	18-May-15	29-May-15	0%	Surcharge Removal - Zone B - (CH698 to 738)							
Zone A1															
Vertical Seawall															
NRC12120	VS - Berm Stone - Zone A1 - (CH738 to 793)	3	02-Aug-14	05-Aug-14	22-Dec-14A	24-Dec-14A	100%	Stone - Zone A1 - (CH738 to 793)							
NRC12130	VS - Mass Concrete Coping - Zone A1 - (CH738 to 793)	8	29-Jul-14	06-Aug-14	19-Dec-14A	23-Jan-15	33%	Mass Concrete Coping - Zone A1 - (CH738 to 793)							
Sloping Seawall															
NRC12180	SS - Armour Rock Underlayer - Zone A1 - (CH738 to 793)	5	01-Apr-14	07-Apr-14	22-Dec-14A	31-Dec-14	40%	SS - Armour Rock Underlayer - Zone A1 - (CH738 to 793)							
NRC12190	SS - Armour Rock - Zone A1 - (CH738 to 793)	4	16-Apr-14	23-Apr-14	29-Jan-15	02-Feb-15	0%	SS - Armour Rock - Zone A1 - (CH738 to 793)							
NRC12210	SS - Mass Concrete Coping - Zone A1 - (CH738 to 793)	7	30-Jul-14	06-Aug-14	06-Dec-14A	10-Dec-14A	100%	Mass Concrete Coping - Zone A1 - (CH738 to 793)							
Reclamation															
NRC12340	Public Fill - Zone A1 - (CH738 to 793) to +10mPD	6	15-Oct-14	21-Oct-14	17-Nov-14A	24-Nov-14A	100%	Public Fill - Zone A1 - (CH738 to 793) to +10mPD							
NRC15370	Surcharge Period - Zone A1 - (CH738 to 793)	180	22-Oct-14	19-Apr-15	25-Nov-14A	28-Jun-15	0%	Surcharge Period - Zone A1 - (CH738 to 793)							
Zone A2															
Vertical Seawall															
NRC12490	VS - Rockfill Type A - Zone A2 - (CH843 to 893)	3	06-Jun-14	09-Jun-14	11-Oct-14A	05-Nov-14A	100%	Stone - Zone A2 - (CH843 to 893)							

Planned Bar
 Planned Bar
 Planned Milestone
 Progress bar
 Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme - Three months rolling programme



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015			
								2014	2014	2014	2014	2015	2015	2015	2015
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
NRC12500	VS - Rockfill Type A - Zone A2 - (CH893 to 956)	7	10-Jun-14	17-Jun-14	11-Nov-14 A	23-Nov-14 A	100%								
NRC12520	VS - Geotextile - Zone A2 - (CH843 to 893)	2	12-Jun-14	13-Jun-14	11-Oct-14 A	10-Nov-14 A	100%								
NRC12530	VS - Geotextile - Zone A2 - (CH893 to 956)	5	14-Jun-14	19-Jun-14	12-Nov-14 A	23-Nov-14 A	100%								
NRC12550	VS - Granular Filter - Zone A2 - (CH843 to 893)	4	19-Jun-14	23-Jun-14	03-Nov-14 A	05-Nov-14 A	100%								
NRC12560	VS - Granular Filter - Zone A2 - (CH893 to 956)	10	24-Jun-14	05-Jul-14	05-Nov-14 A	23-Nov-14 A	100%								
NRC12570	VS - Berm Stone - Zone A2 - (CH793 to 843)	3	06-Aug-14	08-Aug-14	01-Dec-14 A	07-Dec-14 A	100%								
NRC12580	VS - Berm Stone - Zone A2 - (CH843 to 893)	3	09-Aug-14	12-Aug-14	08-Dec-14 A	10-Dec-14 A	100%								
NRC12590	VS - Berm Stone - Zone A2 - (CH893 to 956)	7	13-Aug-14	20-Aug-14	11-Dec-14 A	14-Dec-14 A	100%								
NRC12600	VS - Mass Concrete Coping - Zone A2 - (CH793 to 843)	8	07-Aug-14	15-Aug-14	31-Jan-15 A	31-Jan-15	18%								
NRC12610	VS - Mass Concrete Coping - Zone A2 - (CH843 to 893)	8	16-Aug-14	25-Aug-14	02-Feb-15	10-Feb-15	0%								
NRC12620	VS - Mass Concrete Coping - Zone A2 - (CH893 to 956)	18	26-Aug-14	16-Sep-14	11-Feb-15	10-Mar-15	0%								
Sloping Seawall															
NRC12680	SS - Rock Grade 400 - Zone A2 - (CH893 to 956) to +2.5mPD (4k/d)	7	16-Apr-14	26-Apr-14	01-Sep-14 A	19-Nov-14 A	100%								
NRC12720	SS - Armour Rock Underlayer - Zone A2 - (CH793 to 843)	5	09-Apr-14	14-Apr-14	02-Jan-15	07-Jan-15	0%								
NRC12730	SS - Armour Rock Underlayer - Zone A2 - (CH843 to 893)	5	16-Apr-14	24-Apr-14	08-Jan-15	13-Jan-15	0%								
NRC12740	SS - Armour Rock Underlayer - Zone A2 - (CH893 to 956)	5	28-Apr-14	03-May-14	14-Jan-15	19-Jan-15	0%								
NRC12750	SS - Armour Rock - Zone A2 - (CH793 to 843)	4	05-May-14	09-May-14	03-Feb-15	06-Feb-15	0%								
NRC12760	SS - Armour Rock - Zone A2 - (CH843 to 893)	4	10-May-14	14-May-14	07-Feb-15	11-Feb-15	0%								
NRC12770	SS - Armour Rock - Zone A2 - (CH893 to 956)	4	15-May-14	19-May-14	12-Feb-15	16-Feb-15	0%								
NRC12780	SS - Mass Concrete Coping - Zone A2 - (CH793 to 843)	7	07-Aug-14	14-Aug-14	13-Dec-14 A	19-Dec-14 A	100%								
NRC12790	SS - Mass Concrete Coping - Zone A2 - (CH843 to 893)	7	15-Aug-14	22-Aug-14	20-Dec-14 A	06-Feb-15	44%								
NRC12800	SS - Mass Concrete Coping - Zone A2 - (CH893 to 956)	7	23-Aug-14	30-Aug-14	07-Feb-15	14-Feb-15	0%								
NRC12820	Sloping - Rockfill Type A - Zone A2 - (CH843 to 893)	1	16-Apr-14	16-Apr-14	08-Nov-14 A	13-Nov-14 A	100%								
NRC12830	Sloping - Rockfill Type A - Zone A2 - (CH893 to 956)	1	28-Apr-14	28-Apr-14	21-Nov-14 A	21-Nov-14 A	100%								
NRC12870	Sloping - Geotextile - Zone A2 - (CH893 to 956)	2	29-Apr-14	30-Apr-14	21-Nov-14 A	21-Nov-14 A	100%								
NRC12880	Sloping - Granular Filter - Zone A2 - (CH793 to 843)	3	12-Apr-14	15-Apr-14	29-Oct-14 A	31-Oct-14 A	100%								
NRC12890	Sloping - Granular Filter - Zone A2 - (CH843 to 893)	3	23-Apr-14	25-Apr-14	24-Oct-14 A	13-Nov-14 A	100%								
NRC12900	Sloping - Granular Filter - Zone A2 - (CH893 to 956)	3	02-May-14	05-May-14	22-Nov-14 A	22-Nov-14 A	100%								
Reclamation															
NRC13020	Public Fill - Zone A2 - (CH843 to 893) to -2.5mPD	6	11-Jul-14	17-Jul-14	03-Oct-14 A	04-Nov-14 A	100%								
NRC13030	Public Fill - Zone A2 - (CH893 to 956) to -2.5mPD	4	18-Jul-14	22-Jul-14	03-Nov-14 A	06-Dec-14 A	100%								
NRC13050	Public Fill - Zone A2 - (CH843 to 893) to +2.5mPD	7	11-Aug-14	18-Aug-14	24-Oct-14 A	14-Nov-14 A	100%								
NRC13070	Public Fill - Zone A2 - (CH893 to 956) to +2.5mPD	6	19-Aug-14	25-Aug-14	13-Nov-14 A	10-Dec-14 A	100%								
NRC13080	Public Fill - Zone A2 - (CH793 to 843) to +6.0mPD	7	11-Aug-14	18-Aug-14	18-Oct-14 A	31-Oct-14 A	100%								
NRC13090	Public Fill - Zone A2 - (CH843 to 893) to +6.0mPD	7	19-Aug-14	26-Aug-14	02-Nov-14 A	13-Dec-14 A	100%								
NRC13100	Public Fill - Zone A2 - (CH893 to 956) to +6.0mPD	6	27-Aug-14	02-Sep-14	02-Dec-14 A	09-Dec-14 A	100%								
NRC13110	Public Fill - Zone A2 - (CH793 to 843) to +10mPD	6	22-Oct-14	28-Oct-14	13-Dec-14 A	15-Dec-14 A	100%								
NRC13120	Public Fill - Zone A2 - (CH843 to 893) to +10mPD	7	29-Oct-14	05-Nov-14	20-Dec-14 A	07-Feb-15	43%								
NRC13130	Public Fill - Zone A2 - (CH893 to 956) to +10mPD	4	06-Nov-14	10-Nov-14	09-Feb-15	12-Feb-15	0%								
NRC15390	Surcharge Period - Zone A2 - (CH793 to 843)	180	11-Nov-14	09-May-15	13-Feb-15	11-Aug-15	0%								
NRC16960	NewActivity	0			29-Dec-14	30-Dec-14	0%								
Zone F															
CH184 to CH231															
A6416230	F - Anchor wall Installation - CH184 to CH231	4	10-Mar-14	13-Mar-14	29-Dec-14	02-Jan-15	0%								
A6416290	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH184 to CH231	3	14-Mar-14	16-Mar-14	03-Jan-15	05-Jan-15	0%								
A6416295	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH184 to CH231	2	17-Mar-14	18-Mar-14	06-Jan-15	07-Jan-15	0%								
A6416300	F - Backfilling up to +6.0mPD to Anchor Wall - CH184 to CH231	2	19-Mar-14	20-Mar-14	08-Jan-15	09-Jan-15	0%								
A6416400	F - Backfilling up to +6.0mPD to Existing Seawall - CH184 to CH231	1	21-Mar-14	21-Mar-14	10-Jan-15	10-Jan-15	0%								
CH231 to CH278															
A6416273	F - Backfilling up to +0.5mPD & T3 Installation - CH231 to CH278	6	28-Mar-14	02-Apr-14	13-Jan-15	18-Jan-15	0%								
A6416278	F - Backfilling up to +3.0mPD - CH231 to CH278	2	03-Apr-14	04-Apr-14	19-Jan-15	20-Jan-15	0%								
A6416280	F - Backfilling up to +6.0mPD - CH231 to CH278	2	05-Apr-14	06-Apr-14	21-Jan-15	22-Jan-15	0%								
A6416310	F - Anchor wall Installation - CH231 to CH278	4	07-Apr-14	10-Apr-14	23-Jan-15	27-Jan-15	0%								
A6416480	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH231 to CH278	3	11-Apr-14	13-Apr-14	28-Jan-15	30-Jan-15	0%								
A6416490	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH231 to CH278	2	14-Apr-14	15-Apr-14	31-Jan-15	01-Feb-15	0%								
A6416500	F - Backfilling up to +6.0mPD to Anchor Wall - CH231 to CH278	2	16-Apr-14	17-Apr-14	02-Feb-15	03-Feb-15	0%								
A6416510	F - Backfilling up to +6.0mPD to Existing Seawall - CH231 to CH278	1	18-Apr-14	18-Apr-14	04-Feb-15	04-Feb-15	0%								
CH278 to CH327															
A6416195	F - Marine Sheet Piling (H2) - CH278 to CH327	5	12-Mar-14	17-Mar-14	28-Oct-14 A	05-Nov-14 A	100%								
A6416200	F - Backfilling up to -3.5mPD & T2 Installation - CH278 to CH327	5	18-Mar-14	22-Mar-14	15-Dec-14 A	24-Dec-14 A	100%								
A6416210	F - Backfilling up to +0.5mPD - CH278 to CH327	4	23-Mar-14	26-Mar-14	09-Jan-15	12-Jan-15	0%								
A6416215	F - Backfilling up to +3.0mPD & T4 Installation - CH278 to CH327	5	27-Mar-14	31-Mar-14	14-Jan-15	18-Jan-15	0%								
A6416220	F - Backfilling up to +6.0mPD - CH278 to CH327	2	01-Apr-14	02-Apr-14	19-Jan-15	20-Jan-15	0%								
A6416340	F - Anchor wall Installation - CH278 to CH327	4	11-Apr-14	15-Apr-14	28-Jan-15	31-Jan-15	0%								
A6416520	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH278 to CH327	3	16-Apr-14	18-Apr-14	01-Feb-15	03-Feb-15	0%								
A6416530	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH278 to CH327	3	19-Apr-14	21-Apr-14	04-Feb-15	06-Feb-15	0%								

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21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015							
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
A6416540	F - Backfilling up to +6.0mPD to Anchor Wall - CH278 to CH327	3	22-Apr-14	24-Apr-14	07-Feb-15	09-Feb-15	0%	Wall - CH278 to CH327											
A6416550	F - Backfilling up to +6.0mPD to Existing Seawall - CH278 to CH327	1	25-Apr-14	25-Apr-14	10-Feb-15	10-Feb-15	0%	Seawall - CH278 to CH327											
CH327 to CH381																			
A6416150	F - Backfilling up to -3.5mPD & T2 Installation - CH327 to CH381	4	12-Mar-14	15-Mar-14	08-Nov-14A	13-Dec-14A	100%	CH327 to CH381											
A6416155	F - Backfilling up to +0.5mPD - CH327 to CH381	3	16-Mar-14	18-Mar-14	06-Jan-15	08-Jan-15	0%												
A6416160	F - Backfilling up to +3.0mPD & T4 Installation - CH327 to CH381	5	19-Mar-14	23-Mar-14	09-Jan-15	13-Jan-15	0%	CH327 to CH381											
A6416170	F - Backfilling up to +6.0mPD - CH327 to CH381	3	24-Mar-14	26-Mar-14	14-Jan-15	16-Jan-15	0%												
A6416370	F - Anchor wall Installation - CH327 to CH381	3	16-Apr-14	22-Apr-14	02-Feb-15	04-Feb-15	0%	CH381											
A6416560	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH327 to CH381	3	23-Apr-14	25-Apr-14	05-Feb-15	07-Feb-15	0%	Installation to Anchor Wall - CH327 to CH381											
A6416570	F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH327 to CH381	3	26-Apr-14	28-Apr-14	08-Feb-15	10-Feb-15	0%	Installation to Anchor Wall - CH327 to CH381											
A6416580	F - Backfilling up to +6.0mPD to Anchor Wall - CH327 to CH381	2	29-Apr-14	30-Apr-14	11-Feb-15	12-Feb-15	0%	Anchor Wall - CH327 to CH381											
A6416590	F - Backfilling up to +6.0mPD to Existing Seawall - CH327 to CH381	1	01-May-14	01-May-14	13-Feb-15	13-Feb-15	0%	Seawall - CH327 to CH381											
Box Culvert Extension																			
Construction																			
CH000 to CH137																			
A6416670	Bored Pile Construction - A43 to A62 (4 Rigs) & Land Sheet Piling	96	31-May-14	23-Sep-14	21-Jul-14A	14-Nov-14A	100%	Bored Pile Construction - A43 to A62 (4 Rigs) & Land Sheet Piling											
A6416680	Backfilling for Surcharge	18	24-Sep-14	16-Oct-14	29-Dec-14	19-Jan-15	0%	Backfilling for Surcharge											
A6416690	Surcharge Period	180	17-Oct-14	14-Apr-15	20-Jan-15	18-Jul-15	0%	Surcharge Period											
CH137 to CH184																			
A6416610	Predrilling - CH137 to CH184	24	07-Feb-14	06-Mar-14	16-Oct-14A	07-Nov-14A	100%												
A6416720	Bored Pile Construction - A42 to A35	160	07-Mar-14	19-Sep-14	14-Jul-14A	19-Nov-14A	100%	Bored Pile Construction - A42 to A35											
A6416770	Backfilling for Surcharge	12	20-Sep-14	06-Oct-14	29-Dec-14	12-Jan-15	0%	Backfilling for Surcharge											
A6416780	Surcharge Period	180	07-Oct-14	04-Apr-15	13-Jan-15	11-Jul-15	0%	Surcharge Period											
CH184 to CH231																			
A6416620	Predrilling - CH184 to CH231	24	22-Mar-14	23-Apr-14	08-Nov-14A	29-Jan-15	33%												
A6416730	Bored Pile Construction - A34 to A27	156	22-Mar-14	30-Sep-14	30-Oct-14A	10-Jun-15	25%	Bored Pile Construction - A34 to A27											
A6417160	Surcharge Removal - CH184 to CH231	6	27-Feb-15	05-Mar-15	31-Oct-15	06-Nov-15	0%	Surcharge Removal - CH184 to CH231											
CH231 to CH278																			
A6416630	Predrilling - CH231 to CH278	24	22-Apr-14	21-May-14	05-Feb-15	11-Mar-15	0%												
A6416740	Bored Pile Construction - A26 to A19	143	22-Apr-14	13-Oct-14	05-Feb-15	06-Aug-15	0%	Bored Pile Construction - A26 to A19											
A6417200	Surcharge Removal - CH231 to CH278	6	10-Feb-15	16-Feb-15	04-Dec-15	10-Dec-15	0%	Surcharge Removal - CH231 to CH278											
A6417210	Excavation down to S1 level - CH231 to CH278	8	17-Feb-15	04-Mar-15	11-Dec-15	19-Dec-15	0%	Excavation down to S1 level - CH231 to CH278											
CH278 to CH327																			
A6416640	Predrilling - CH278 to CH327	24	26-Apr-14	26-May-14	11-Feb-15	17-Mar-15	0%												
A6416840	Surcharge Period	105	30-Oct-14	11-Feb-15	25-Aug-15	07-Dec-15	0%	Surcharge Period											
A6417240	Surcharge Removal - CH278 to CH327	6	12-Feb-15	18-Feb-15	08-Dec-15	14-Dec-15	0%	Surcharge Removal - CH278 to CH327											
A6417250	Excavation down to S1 level - CH278 to CH327	8	26-Feb-15	06-Mar-15	15-Dec-15	23-Dec-15	0%	Excavation down to S1 level - CH278 to CH327											
CH327 to CH381																			
A6416650	Predrilling - CH327 to CH381	24	02-May-14	30-May-14	14-Feb-15	20-Mar-15	0%	CH381											
A6417280	Surcharge Removal - CH327 to CH381	6	09-Jan-15	15-Jan-15	05-Nov-15	11-Nov-15	0%	Surcharge Removal - CH327 to CH381											
A6417290	Excavation down to S1 level - CH327 to CH381	9	16-Jan-15	26-Jan-15	12-Nov-15	21-Nov-15	0%	Excavation down to S1 level - CH327 to CH381											
A6417300	S1 Installation - CH327 to CH381	9	27-Jan-15	05-Feb-15	23-Nov-15	02-Dec-15	0%	S1 Installation - CH327 to CH381											
A6417310	Excavation down to Formation level - CH327 to CH381	6	06-Feb-15	12-Feb-15	03-Dec-15	09-Dec-15	0%	Excavation down to Formation level - CH327 to CH381											
A6417320	Box Culvert Construction - CH327 to CH381	142	13-Feb-15	13-Aug-15	10-Dec-15	10-Jun-16	0%												
CH381 to CH399 (Box Culvert Connection)																			
A6416660	F - Prebored H-piles for CKS Temporary Land Access	6	18-Feb-14	24-Feb-14	29-Dec-14	05-Jan-15	0%	Access to Zone E											
A6417000	F - Steel Bridge Installation for Land Access to Zone E	52	25-Feb-14	30-Apr-14	06-Jan-15	13-Mar-15	0%	Access to Zone E											
North Shafts Construction & Tunnel Structure																			
Design Submission																			
(C1) DDA for North C&C Tunnel Permanent Structure - NLS Base Slab																			
DD00350	Designer to Reply RIC + Update Submission	15	13-May-14	30-May-14	23-Oct-14A	21-Nov-14A	100%	Update Submission											
DD00360	Submit Updated DDA to SO/ ICE/ IPs	0	30-May-14		21-Nov-14A		100%	ICE/ IPs											
DD00370	ICE Approval & Issue Check Cert	18	30-May-14	21-Jun-14	28-Aug-14A	26-Nov-14A	100%	Issue Check Cert											
DD00380	Submit ICE Check Cert to SO	0		21-Jun-14		26-Nov-14A	100%	Cert to SO											
DD00390	IPs Review	28	30-May-14	27-Jun-14	21-Nov-14A	12-Dec-14A	100%	Received											
DD00400	IPs No Objection Received	0		27-Jun-14		12-Dec-14A	100%	Received											
DD00440	SO's Review	35	30-May-14	04-Jul-14	21-Nov-14A	12-Dec-14A	100%	Received											
DD00450	SO Approval with Condition Received	0		04-Jul-14		12-Dec-14A	100%	Condition Received											
DD00670	Works Commencement - North C&C Tunnel Permanent Barette	0	07-Jul-14		12-Dec-14A		100%	Commencement - North C&C Tunnel Permanent Barette											
(C1) DDA for North Approach Ramp Permanent Structure																			
DD70770	Preparation DDANorth Approach Ramp Permanent Structure	18	04-Jul-14	25-Jul-14	13-Dec-14A	16-Feb-15	12%	Preparation DDANorth Approach Ramp Permanent Structure											
DD70780	Review & Comment by JV	12	25-Jul-14	08-Aug-14	17-Feb-15	09-Mar-15	0%	Review & Comment by JV											
DD70820	Submit Updated DDA to SO/ ICE/ IPs	0	04-Nov-14		05-Jun-15		0%	Submit Updated DDA to SO/ ICE/ IPs											
DD70830	ICE Approval & Issue Check Cert	18	04-Nov-14	25-Nov-14	05-Jun-15	27-Jun-15	0%	ICE Approval & Issue Check Cert											
DD70840	Submit ICE Check Cert to SO	0		25-Nov-14		27-Jun-15	0%	Submit ICE Check Cert to SO											
DD70850	IPs Review	28	04-Nov-14	02-Dec-14	05-Jun-15	03-Jul-15	0%	IPs Review											

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Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015								
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
DD70860	IPs No Objection Received	0		02-Dec-14		03-Jul-15	0%													
DD70870	SO's Review	35	04-Nov-14	09-Dec-14	05-Jun-15	10-Jul-15	0%													
DD70880	SO Approval with Condition Received	0		09-Dec-14		10-Jul-15	0%													
(D2) DDA Temp.works - North Ventilation Shaft ELS																				
DD03380	IPs/ SO's Advance Comments/ ICE Comments	28	09-Apr-14	06-May-14	03-Oct-14A	29-Oct-14A	100%													
DD03390	Comments Received	0		07-May-14		29-Oct-14A	100%													
DD03400	Designer to Reply RTC + Update Submission	21	07-May-14	30-May-14	29-Oct-14A	18-Nov-14A	100%													
DD03410	Submit Updated DDA to SO/ ICE/ IPs	0	31-May-14		18-Nov-14A		100%													
DD03420	ICE Approval & Issue Check Cert	12	31-May-14	14-Jun-14	29-Sep-14A	14-Nov-14A	100%													
DD03430	Submit ICE Check Cert to SO	6	16-Jun-14	21-Jun-14	15-Nov-14A	18-Nov-14A	100%													
DD03440	IPs Review	28	31-May-14	27-Jun-14	18-Nov-14A	10-Dec-14A	100%													
DD03450	IPs No Objection Received	0		27-Jun-14		10-Dec-14A	100%													
DD03490	SO's Review	35	31-May-14	04-Jul-14	18-Nov-14A	12-Dec-14A	100%													
DD03495	SO Approval with Condition Received	0		04-Jul-14		12-Dec-14A	100%													
DD03515	Works Commencement - TBM Change Diameter Shaft - 04Aug14	0	04-Aug-14		24-Nov-14A		100%													
Construction																				
North Launching Shaft ELS Foundation & Capping Beam (Cell 1 to 3)																				
NSH1360	E - Cell 1-3 - Capping beam Installation	18	08-Jul-14	28-Jul-14	25-Aug-14A	14-Nov-14A	100%													
NSH1370	E - Cell 1-3 - Instrumentation & Pump well Installation	6	31-Jul-14	06-Aug-14	23-Aug-14A	15-Nov-14A	100%													
NSH1430	E - Pumping Test for TBM Launching Shaft ELS - Cell 1-3	5	07-Aug-14	11-Aug-14	03-Nov-14A	12-Nov-14A	100%													
North Launching Shaft Excavation (Cell 1 to 3)																				
NSH1440	E - Cell 1 to 3 - Shaft Excavation	77	12-Aug-14	12-Nov-14	06-Oct-14A	06-Dec-14A	100%													
North Launching Shaft Base Slab for TBM Launching																				
NSH1455	E - Tympanum construction for TBM break-in	12	20-Nov-14	03-Dec-14	29-Dec-14	12-Jan-15	0%													
NSH1460	E - Cell 1 to 2 - Base Slab construction	22	13-Nov-14	08-Dec-14	01-Dec-14A	12-Jan-15	46%													
NSH1465	E - Cell 3 to 4 - Excavation to ML03 formation level	6	09-Dec-14	15-Dec-14	22-Dec-14A	22-Dec-14A	100%													
NSH1470	E - Cell 3 to 4 - ML3 Base Slab construction	12	16-Dec-14	31-Dec-14	22-Dec-14A	22-Dec-14A	100%													
NSH1480	E - Cell 5 - Temporary backfilling for ML03 logistic	6	02-Jan-15	08-Jan-15	22-Dec-14A	22-Dec-14A	100%													
NSH1490	E - Cell 3 to 4 - Excavation to ML02 formation level	6	02-Jan-15	08-Jan-15	22-Dec-14A	22-Dec-14A	100%													
NSH1500	E - Cell 3 to 4 - ML02 Base Slab construction	18	09-Jan-15	29-Jan-15	22-Dec-14A	22-Dec-14A	100%													
NSH1510	E - Cell 5 - Temporary backfilling for ML02 logistic	6	30-Jan-15	05-Feb-15	22-Dec-14A	22-Dec-14A	100%													
North Ventilation Shaft ELS Foundation & Capping Beam																				
A6415775	B - Setup for Shaft ELS Foundation	20	02-Aug-14	25-Aug-14	27-Oct-14A	31-Oct-14A	100%													
A6415780	B - Diaphragm Wall - Shaft ELS	81	26-Aug-14	01-Dec-14	01-Nov-14A	23-Mar-15	18%													
A6415790	B - Instrumentation & Pump well Installation	6	02-Dec-14	08-Dec-14	24-Mar-15	30-Mar-15	0%													
A6415795	B - Pumping Test for Excavation	7	09-Dec-14	15-Dec-14	31-Mar-15	06-Apr-15	0%													
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	24-Mar-15	28-Mar-15	0%													
A6415810	B - Capping Beam Installation (+6.0mPD)	12	08-Dec-14	20-Dec-14	30-Mar-15	16-Apr-15	0%													
A6415820	B - Vent Shaft Excavation (+4.0 to -8.0mPD) - Reclaimed Fill	19	22-Dec-14	15-Jan-15	17-Apr-15	09-May-15	0%													
A6415830	B - Ring Beam Installation (-5.5mPD)	6	16-Jan-15	22-Jan-15	11-May-15	16-May-15	0%													
A6415840	B - Vent Shaft Excavation (-8.0 to -20.0mPD) - Fill/MD/ALLUVIUM	27	23-Jan-15	02-Mar-15	18-May-15	18-Jun-15	0%													
CLP Temporary Substation																				
Construction																				
DDP12800	1st Batch - CLP Installation & Commissioning	108	02-Jul-14	07-Nov-14	02-Jul-14A	03-Jan-15	95%													
DDP12810	11kV Equipment / Switch Room installation by JV	48	20-Aug-14	18-Oct-14	20-Aug-14A	31-Oct-14A	100%													
DDP12830	1st batch - Noise Measurement (deleted)	12	08-Nov-14	21-Nov-14	21-Nov-14A	21-Nov-14A	100%													
DDP12840	Final FS Installation by JV	6	08-Nov-14	14-Nov-14	05-Jan-15	10-Jan-15	0%													
DDP12850	FSD inspection for 1st Transformer Energization	12	15-Nov-14	28-Nov-14	12-Jan-15	24-Jan-15	0%													
DDP12860	1st Batch - Commissioning & Energization	0		28-Nov-14		24-Jan-15*	0%													
DDP12870	2nd Batch - CLP Installation & Commissioning	95	15-Oct-14	05-Feb-15	02-Jul-14A	03-Jan-15	95%													
DDP12880	FS Installation by JV	24	09-Jan-15	06-Feb-15	20-Sep-14A	15-Oct-14A	100%													
DDP12890	2nd Batch - Noise Measurement (to be clarified)	6	06-Feb-15	12-Feb-15	21-Nov-14A	21-Nov-14A	100%													
DDP12900	Final FS Installation by JV	6	06-Feb-15	12-Feb-15	05-Jan-15	10-Jan-15	0%													
DDP12910	FSD inspection for 2nd Transformer Energization	6	13-Feb-15	18-Feb-15	11-Jan-15	16-Jan-15	0%													
DDP12920	2nd Batch - Commissioning & Energization	0		18-Feb-15		16-Jan-15*	0%													
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	30-Dec-14	94%													
AP01505	Review & Comment by JV	12	17-Feb-14	01-Mar-14	31-Dec-14	14-Jan-15	0%													
AP01510	Designer Prepare IFA	6	03-Mar-14	08-Mar-14	15-Jan-15	21-Jan-15	0%													
AP01515	Formal Submission of IFA to ICE/IPs	0		08-Mar-14		21-Jan-15	0%													
AP01520	Advanced Submission of IFA to SO	0		08-Mar-14		21-Jan-15	0%													
AP01525	Review & Comment by SO/ ICE/ IPs	28	09-Mar-14	05-Apr-14	22-Jan-15	18-Feb-15	0%													
AP01530	Advance Comments from SO/ Comments from ICE/ IPs Received	0		07-Apr-14		18-Feb-15	0%													

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								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
AP01535	Designer to Prepare RfC & Updated AIP	18	07-Apr-14	30-Apr-14	26-Feb-15	18-Mar-15	0%										
Construction																	
Zone E																	
A6416440	Zone E - Break-in Plug - CSM	38	18-Sep-14	03-Nov-14	01-Sep-14A	25-Nov-14A	100%										
A6416450	Zone E - Jet grouting	60	04-Nov-14	15-Jan-15	03-Sep-14A	16-Feb-15	30%										
Zone D1																	
NRC14020	Zone D1 - Ground Treatment for CP54	20	14-Jul-14	05-Aug-14	02-Sep-14A	02-Jan-15	60%										
Zone D2																	
NRC14110	Zone D2 - B/C Slurry Substitution for CP53	22	06-Aug-14	30-Aug-14	03-Jan-15	28-Jan-15	0%										
Zone C1																	
NRC1202130	Zone C1 - B/C Slurry Substitution for CP52	26	27-Aug-14	26-Sep-14	29-Dec-14	28-Jan-15	0%										
Zone C2																	
NRC1202150	Zone C2 - Drilling for Rock Fissure Grouting for CP51	21	03-Jul-14	26-Jul-14	06-Nov-14A	09-Jan-15	52%										
NRC1202155	Zone C2 - Rock Fissure Grouting for CP51	44	14-Jul-14	02-Sep-14	19-Nov-14A	27-Jan-15	43%										
NRC1202160	Zone C2 - Jet Grouting for CP51	18	20-Aug-14	10-Sep-14	14-Jan-15	03-Feb-15	0%										
Zone B																	
A6415895	Zone B - Unreinforced Separation D-wall	13	27-Aug-14	11-Sep-14	08-Jan-15	22-Jan-15	0%										
A6415897	Zone B - Unreinforced Separation D-wall	13	25-Jul-14	08-Aug-14	19-Nov-14A	07-Jan-15	40%										
A6415900	Zone B - Slurry Wall for TBM Break-out Plug	34	02-Dec-14	13-Jan-15	24-Mar-15	07-May-15	0%										
A6415910	Zone B - Slurry Wall - Toe Grouting	24	14-Jan-15	10-Feb-15	08-May-15	05-Jun-15	0%										
A6415920	Zone B - Ground Treatment for TBM Break-out Plug	58	11-Feb-15	30-Apr-15	06-Jun-15	14-Aug-15	0%										
Ground Treatment																	
A6417430	Zone A - B/C Slurry Substitution for CP49	30	22-Oct-14	25-Nov-14	04-Feb-15	17-Mar-15	0%										
A6417440	Zone A - Drilling for Rock Fissure Grouting for CP48	65	11-Nov-14	28-Jan-15	13-Feb-15	12-May-15	0%										
A6417450	Zone A - Rock Fissure Grouting for CP48	90	25-Nov-14	19-Mar-15	06-Mar-15	26-Jun-15	0%										
A6417460	Zone A - Jet Grouting for CP48	72	29-Jan-15	05-May-15	13-May-15	07-Aug-15	0%										
North Approach TBM Tunnelling & Cross Passage																	
Major Procurement																	
TBM at Northern Landfall																	
PO103080	S880 - 17.6m dia - TBM - Manufacturing - Cutterhead	198	25-Jan-14	30-Sep-14	25-Jan-14A	25-Nov-14A	100%										
PO103150	S880 - 17.6m dia - TBM - Workshop Assembly	138	07-May-14	20-Oct-14	04-Jun-14A	10-Dec-14A	100%										
PO103160	S880 - 17.6m dia - TBM - Workshop Acceptance Test	0		20-Oct-14		30-Oct-14A	100%										
PO103170	S880 - 17.6m dia - TBM - Disassembly and Packing for Transport	32	21-Oct-14	26-Nov-14	01-Nov-14A	10-Dec-14A	100%										
PO103180	S880 - 17.6m dia - TBM - Delivery	10	27-Nov-14	08-Dec-14	10-Dec-14A	18-Dec-14A	100%										
PO103190	S880 - 17.6m dia - TBM - Arrival to site	0		08-Dec-14		18-Dec-14A	100%										
PO103220	S882 - 13.6m dia - TBM - Manufacturing - Cutterhead	198	01-Mar-14	30-Oct-14	01-Mar-14A	10-Dec-14A	100%										
PO103290	S882 - 13.6m dia - TBM - Workshop Assembly	150	16-Jun-14	11-Dec-14	16-Jun-14A	18-Dec-14A	100%										
PO103300	S882 - 13.6m dia - TBM - Workshop Acceptance Test	0		11-Dec-14		18-Dec-14A	100%										
PO103310	S882 - 13.6m dia - TBM - Disassembly and Packing for Transport	28	12-Dec-14	16-Jan-15	12-Dec-14A	15-Jan-15	46%										
PO103320	S882 - 13.6m dia - TBM - Delivery	17	17-Jan-15	02-Feb-15	16-Jan-15	01-Feb-15	0%										
PO103330	S882 - 13.6m dia - TBM - Arrival to site	0		02-Feb-15		01-Feb-15	0%										
Precast Segment																	
Precast Segment ID12.40 - Production for SB North TBM Tunnel																	
A6418020	ID12.40 TBM Segment Ring Fabrication - 6 ring per day	6	29-Oct-14	04-Nov-14	11-Sep-14A	10-Oct-14A	100%										
A6418030	ID12.40 TBM Segment Ring Fabrication - 12 rings per day	15	05-Nov-14	21-Nov-14	11-Oct-14A	27-Dec-14A	100%										
Slurry Treatment Plant																	
A6415400	STP - Factory Testing and Commissioning	6	24-Sep-14	30-Sep-14	24-Sep-14A	20-Nov-14A	100%										
A6415440	STP - Dismantling, Packaging & Transport	4	03-Oct-14	07-Oct-14	20-Nov-14A	24-Nov-14A	100%										
A6415450	STP - Shipment to Hong Kong	20	08-Oct-14	30-Oct-14	24-Sep-14A	28-Nov-14A	100%										
Hyperbaric & Saturation																	
A6415140	Shuttle for Hyperbaric Saturation - Fabrication	128	07-May-14	08-Oct-14	21-Jun-14A	29-Nov-14A	100%										
A6415150	Shuttle for Hyperbaric Saturation - Delivery to TBM Factory	6	09-Oct-14	15-Oct-14	01-Dec-14A	10-Dec-14A	100%										
Design Submission																	
(D7) IFA Gantry Crane Supports/Foundation																	
DD69010	Review & Comment by JV	18	05-Mar-14	25-Mar-14	25-Jul-14A	30-Oct-14A	100%										
DD69020	Designer prepare IFA	10	26-Mar-14	07-Apr-14	31-Oct-14A	31-Oct-14A	100%										
DD69030	Formal Submission of IFA to ICE/ IPs	0		07-Apr-14		31-Oct-14A	100%										
DD69040	Advanced Submission to SO	0		07-Apr-14		31-Oct-14A	100%										
DD69050	IPs/ SO's Advance Comments/ ICE Comments	28	08-Apr-14	05-May-14	01-Nov-14A	03-Dec-14A	100%										
DD69060	Comments Received	0		05-May-14		03-Dec-14A	100%										
DD69070	Designer to Reply RfC + Update Submission	21	07-May-14	30-May-14	04-Dec-14A	30-Dec-14	90%										
DD69080	Submit Updated IFA to SO/ ICE/ IPs	0	31-May-14		23-Jan-15		0%										
DD69090	ICE Approval & Issue Check Cert	12	31-May-14	14-Jun-14	23-Jan-15	05-Feb-15	0%										
DD69100	IPs Review	28	31-May-14	27-Jun-14	23-Jan-15	19-Feb-15	0%										
DD69110	IPs No Objection Received	0		27-Jun-14		19-Feb-15	0%										
DD69120	SO's Review	35	31-May-14	04-Jul-14	23-Jan-15	26-Feb-15	0%										

■ Planned Bar
■ Planned Bar
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015			
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
DD69130	SO Approval with Condition Received	0		04-Jul-14		26-Feb-15	0%								
(D8) IFA Thrust Frame for TBM Launching															
DD69160	Designer prepare IFA	10	12-May-14	22-May-14	25-Oct-14A	31-Oct-14A	100%								
DD69170	Formal Submission of IFA to ICE/ IPs	0		22-May-14		31-Oct-14A	100%								
DD69180	Advanced Submission to SO	0		22-May-14		31-Oct-14A	100%								
DD69190	IPs/ SO's Advance Comments/ ICE Comments	28	23-May-14	19-Jun-14	01-Nov-14A	30-Dec-14	93%								
DD69200	Comments Received	0		19-Jun-14		30-Dec-14	0%								
DD69210	Designer to Reply RTC + Update Submission	21	20-Jun-14	15-Jul-14	31-Dec-14	24-Jan-15	0%								
DD69220	Submit Updated IFA to SO/ ICE/ IPs	0	16-Jul-14		26-Jan-15		0%								
DD69230	ICE Approval & Issue Check Cert	12	16-Jul-14	29-Jul-14	26-Jan-15	07-Feb-15	0%								
DD69240	IPs Review	28	16-Jul-14	12-Aug-14	26-Jan-15	22-Feb-15	0%								
DD69250	IPs No Objection Received	0		12-Aug-14		22-Feb-15	0%								
DD69260	SO's Review	35	16-Jul-14	19-Aug-14	26-Jan-15	01-Mar-15	0%								
DD69580	Works Commencement - TBM Launching Thrust Frame Installation	0	12-Dec-14		29-Dec-14*		0%								
(G2) DDA for TBM Tunnel Lining Settlement Analysis & Confinement Pressure - North Approach															
AN1070	DDANorth TBM Tunnel Lining Settlement Analysis & Confinement Pressure	142	22-Nov-13	23-May-14	22-Nov-13A	20-Nov-14A	100%								
DD00805	Review & Comment by JV	12	24-May-14	07-Jun-14	21-Nov-14A	30-Dec-14	83%								
DD00810	Designer prepare DDA	12	09-Jun-14	21-Jun-14	31-Dec-14	14-Jan-15	0%								
DD00815	Formal Submission of DDA to ICE/ IPs	0		21-Jun-14		14-Jan-15	0%								
DD00820	Advanced Submission to SO	0		21-Jun-14		14-Jan-15	0%								
DD00825	IPs/ SO's Advance Comments/ ICE Comments	28	22-Jun-14	19-Jul-14	15-Jan-15	11-Feb-15	0%								
DD00830	Comments Received	0		19-Jul-14		11-Feb-15	0%								
DD00835	Designer to Reply RTC + Update Submission	21	21-Jul-14	13-Aug-14	12-Feb-15	14-Mar-15	0%								
(G3) DDA for TBM Tunnel Internal Structures - North															
DD6320	Designer to Reply RTC + Update Submission	21	21-Jun-14	16-Jul-14	09-Aug-14A	19-Nov-14A	100%								
DD6330	Submit Updated DDA to SO/ ICE/ IPs	0	17-Jul-14		19-Nov-14A		100%								
DD6360	IPs Review	28	17-Jul-14	13-Aug-14	19-Nov-14A	19-Dec-14A	100%								
DD6370	IPs No Objection Received	0		13-Aug-14		19-Dec-14A	100%								
DD6380	SO's Review	35	17-Jul-14	20-Aug-14	19-Nov-14A	19-Dec-14A	100%								
DD6390	SO Approval with Condition Received	0		20-Aug-14		19-Dec-14A	100%								
DD6420	Works Commencement - Precast mould Shop Drawing start	0	01-Sep-14		19-Dec-14A		100%								
ETWB TCW No 15/2005 - TBM Tunnel Works															
GEO1230	2nd Submission to GEO	0		29-Oct-14		01-Jun-15	0%								
GEO1235	2nd GEO Review	28	30-Oct-14	26-Nov-14	02-Jun-15	29-Jun-15	0%								
(G5) DDA for Cross Passage - Permanent works - incl. Detailed Geotechnical Assessment - North															
DD67448	Review & Comment by JV	6	24-Oct-14	30-Oct-14	22-Oct-14A	29-Oct-14A	100%								
DD67450	Designer prepare DDA	12	31-Oct-14	13-Nov-14	30-Oct-14A	05-Dec-14A	100%								
DD67458	Formal Submission of DDA to ICE/ IPs	0		13-Nov-14		05-Dec-14A	100%								
DD67460	Advanced Submission to SO	0		13-Nov-14		05-Dec-14A	100%								
DD67468	IPs/ SO's Advance Comments/ ICE Comments	28	14-Nov-14	11-Dec-14	05-Dec-14A	06-Jan-15	75%								
DD67470	Comments Received	0		11-Dec-14		13-Jan-15	0%								
DD67478	Designer to Reply RTC + Update Submission	21	12-Dec-14	08-Jan-15	14-Jan-15	06-Feb-15	0%								
DD67488	Submit Updated DDA to SO/ ICE/ IPs	0	09-Jan-15		07-Feb-15		0%								
DD67498	ICE Approval & Issue Check Cert	12	09-Jan-15	22-Jan-15	07-Feb-15	27-Feb-15	0%								
DD67508	Submit ICE Check Cert to SO	6	23-Jan-15	29-Jan-15	28-Feb-15	06-Mar-15	0%								
DD67518	IPs Review	28	09-Jan-15	05-Feb-15	07-Feb-15	06-Mar-15	0%								
DD67528	IPs No Objection Received	0		05-Feb-15		06-Mar-15	0%								
DD67609*	SO's Review	35	09-Jan-15	12-Feb-15	07-Feb-15	13-Mar-15	0%								
DD67610	SO Approval with Condition Received	0		12-Feb-15		13-Mar-15	0%								
(H2) DDA Temp. works for Cross Passages - North															
DD06120	SO's Review	35	02-Aug-14	05-Sep-14	29-Aug-14A	30-Dec-14	94%								
DD06130	SO Approval with Condition Received	0		05-Sep-14		30-Dec-14	0%								
ETWB TCW No 15/2005 - Cross Passage Ground Treatment for TBM Tunnels in North Landfall															
GEO1240	1st Submission to GEO - ETWB TCW No 15/2005 - Cross Passage Ground Treatment for TBM Tunnels in North Landfall	0		04-Aug-14		29-Dec-14	0%								
GEO1245	1st Submission GEO Review	28	04-Aug-14	31-Aug-14	29-Dec-14	25-Jan-15	0%								
GEO1250	Received GEO Comment	0		01-Sep-14		26-Jan-15	0%								
GEO1255	Prepare Response to Comment	12	01-Sep-14	15-Sep-14	26-Jan-15	07-Feb-15	0%								
GEO1260	2nd Submission to GEO	0		15-Sep-14		07-Feb-15	0%								
GEO1265	2nd GEO Review	28	16-Sep-14	13-Oct-14	08-Feb-15	07-Mar-15	0%								
Method Statement Submission															
Method Statement of Construction Methodology of Cross Passage Excavation															
MS1400	Preparation Method Statement for CP Excavation	25	03-Jan-15	31-Jan-15	16-Apr-15	15-May-15	0%								
MS1410	Submit Method Statement to SO	0		31-Jan-15		15-May-15	0%								
MS1420	SO Reviews & Comments	28	01-Feb-15	28-Feb-15	16-May-15	12-Jun-15	0%								
Construction															
Northern Landfall Surface Setup for TBM operation															

Planned Bar
 Planned Bar
 Planned Milestone
 Progress bar
 Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme - Three months rolling programme



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015									
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun				
A6415930	Gantry Setup at North TBM Launching Shaft	48	29-Jul-14	23-Sep-14	27-Feb-15	28-Apr-15	0%	Gantry Setup at North TBM Launching Shaft													
A6415937	Slurry Treatment Plant Foundation	25	15-Oct-14	12-Nov-14	20-Oct-14A	13-Feb-15	64%	Slurry Treatment Plant Foundation													
A6415940	Slurry Treatment Plant Setup at Northern Landfall	64	13-Nov-14	29-Jan-15	20-Nov-14A	16-Apr-15	33%	Slurry Treatment Plant Setup at Northern Landfall													
A6415950	Slurry Treatment Plant Commissioning	24	30-Jan-15	05-Mar-15	17-Apr-15	15-May-15	0%	Slurry Treatment Plant Commissioning													
S880 TBM Assembly at North TBM Launching Shaft																					
NSH1900	S880 - TBM Launching - Front Shield Assembly	3	09-Dec-14	11-Dec-14	29-Apr-15	01-May-15	0%	S880 - TBM Launching - Front Shield Assembly													
NSH1910	S880 - TBM Launching - Cutterhead Assembly	3	12-Dec-14	14-Dec-14	02-May-15	04-May-15	0%	S880 - TBM Launching - Cutterhead Assembly													
NSH1920	S880 - TBM Launching - Erector Assembly	3	15-Dec-14	17-Dec-14	05-May-15	07-May-15	0%	S880 - TBM Launching - Erector Assembly													
NSH1930	S880 - TBM Launching - Tail Skin Assembly	3	18-Dec-14	20-Dec-14	08-May-15	10-May-15	0%	S880 - TBM Launching - Tail Skin Assembly													
NSH1940	S880 - TBM Launching - Main Drive Connection	2	21-Dec-14	22-Dec-14	11-May-15	12-May-15	0%	S880 - TBM Launching - Main Drive Connection													
NSH1950	S880 - TBM Launching - Main Drive Shifting	2	23-Dec-14	24-Dec-14	13-May-15	14-May-15	0%	S880 - TBM Launching - Main Drive Shifting													
NSH1960	S880 - TBM Launching - Main Drive Thrust Frame Installation	14	25-Dec-14	07-Jan-15	16-May-15	29-May-15	0%	S880 - TBM Launching - Main Drive Thrust Frame Installation													
NSH1965	S880 - TBM Launching - Gantry 2 Assembly	3	25-Dec-14	27-Dec-14	16-May-15	18-May-15	0%	S880 - TBM Launching - Gantry 2 Assembly													
NSH1970	S880 - TBM Launching - Gantry 1 Assembly	3	28-Dec-14	30-Dec-14	19-May-15	21-May-15	0%	S880 - TBM Launching - Gantry 1 Assembly													
NSH1980	S880 - TBM Launching - Gantry 1 & Main Drive connection	3	08-Jan-15	10-Jan-15	30-May-15	01-Jun-15	0%	S880 - TBM Launching - Gantry 1 & Main Drive connection													
NSH1990	S880 - TBM Launching - Gantry 2 & Gantry 1 connection	3	11-Jan-15	13-Jan-15	02-Jun-15	04-Jun-15	0%	S880 - TBM Launching - Gantry 2 & Gantry 1 connection													
NSH2000	S880 - TBM Launching - Gantry 3 assembly	3	09-Jan-15	11-Jan-15	13-Jan-15	15-Jan-15	0%	S880 - TBM Launching - Gantry 3 assembly													
NSH2010	S880 - TBM Launching - Gantry 4 assembly	3	12-Jan-15	14-Jan-15	16-Jan-15	18-Jan-15	0%	S880 - TBM Launching - Gantry 4 assembly													
NSH2020	S880 - TBM Launching - Gantry 3 & Gantry 2 connection	3	14-Jan-15	16-Jan-15	05-Jun-15	07-Jun-15	0%	S880 - TBM Launching - Gantry 3 & Gantry 2 connection													
NSH2030	S880 - TBM Launching - Gantry 4 & Gantry 3 connection	3	17-Jan-15	19-Jan-15	08-Jun-15	10-Jun-15	0%	S880 - TBM Launching - Gantry 4 & Gantry 3 connection													
NSH2040	S880 - TBM Launching - Testing & Commissioning	24	20-Jan-15	12-Feb-15	11-Jun-15	05-Jul-15	0%	S880 - TBM Launching - Testing & Commissioning													
NSH2050	S880 - TBM Launching - Segment Ring Installation for Break-in	8	13-Feb-15	23-Feb-15	06-Jul-15	13-Jul-15	0%	S880 - TBM Launching - Segment Ring													
NSH2060	S880 - TBM Launching - Final commissioning & Break-in	10	24-Feb-15	05-Mar-15	14-Jul-15	24-Jul-15	0%	S880 - TBM Launching - Final commissioning													
S882 TBM Assembly at North TBM Launching Shaft																					
NSH206010	S882 - TBM Launching - Front Shield Assembly	3	13-Feb-15	15-Feb-15	06-Jul-15	08-Jul-15	0%	S882 - TBM Launching - Front Shield Assembly													
NSH206020	S882 - TBM Launching - Cutterhead Assembly	3	16-Feb-15	18-Feb-15	09-Jul-15	11-Jul-15	0%	S882 - TBM Launching - Cutterhead Assembly													
NSH206030	S882 - TBM Launching - Erector Assembly	3	22-Feb-15	24-Feb-15	12-Jul-15	14-Jul-15	0%	S882 - TBM Launching - Erector Assembly													
NSH206040	S882 - TBM Launching - Tail Skin Assembly	3	25-Feb-15	27-Feb-15	16-Jul-15	18-Jul-15	0%	S882 - TBM Launching - Tail Skin Assembly													
North Ventilation Building																					
Design Submission																					
(A1) Submissions to Design Advisory Panel of ArchSD																					
GS01730	Prepare Re-submission	18	19-May-14	09-Jun-14	22-Jul-14A	30-Dec-14	89%	Prepare Re-submission													
GS01740	ArchSD's comment	30	10-Jun-14	09-Jul-14	31-Dec-14	29-Jan-15	0%	ArchSD's comment													
(I1) DDA for North Vent. Bldgs. GBP & Arch. Submission																					
DD01200	Preparation of DDANth VB GBP & Arch Submission	18	17-Apr-14	13-May-14	04-Sep-14A	01-Dec-14A	100%	Preparation of DDANth VB GBP & Arch Submission													
DD01205	Review & Comment by JV	24	14-May-14	11-Jun-14	02-Dec-14A	03-Dec-14A	100%	Review & Comment by JV													
DD01210	Designer prepare DDA	15	12-Jun-14	28-Jun-14	04-Dec-14A	09-Dec-14A	100%	Designer prepare DDA													
DD01215	Formal Submission of DDA to ICE/ IPs	0		28-Jun-14		09-Dec-14A	100%	Formal Submission of DDA to ICE/ IPs													
DD01220	Advanced Submission to SO	0		28-Jun-14		09-Dec-14A	100%	Advanced Submission to SO													
DD01225	IPs/ SO's Advance Comments/ ICE Comments	28	29-Jun-14	26-Jul-14	10-Dec-14A	10-Jan-15	54%	IPs/ SO's Advance Comments/ ICE Comments													
DD01230	Comments Received	0		26-Jul-14		17-Jan-15	0%	Comments Received													
DD01235	Designer to Reply RTC + Update Submission	21	28-Jul-14	20-Aug-14	19-Jan-15	11-Feb-15	0%	Designer to Reply RTC + Update Submission													
DD01240	Submit Updated DDA to SO/ ICE/ IPs	0	21-Aug-14		12-Feb-15		0%	Submit Updated DDA to SO/ ICE/ IPs													
DD01245	ICE Approval & Issue Check Cert	12	21-Aug-14	03-Sep-14	12-Feb-15	04-Mar-15	0%	ICE Approval & Issue Check Cert													
DD01255	IPs Review	28	21-Aug-14	17-Sep-14	12-Feb-15	11-Mar-15	0%	IPs Review													
DD01265	SO's Review	35	21-Aug-14	24-Sep-14	12-Feb-15	18-Mar-15	0%	SO's Review													
(I1) DDA for North & South Vent. Bldg. ABWF works																					
DD67650	Designer prepare DDA	15	15-Nov-14	02-Dec-14	13-May-15	30-May-15	0%	Designer prepare DDA													
DD67658	Formal Submission of DDA to ICE/ IPs	0		02-Dec-14		30-May-15	0%	Formal Submission of DDA to ICE/ IPs													
DD67660	Advanced Submission to SO	0		02-Dec-14		30-May-15	0%	Advanced Submission to SO													
DD67668	IPs/ SO's Advance Comments/ ICE Comments	28	03-Dec-14	30-Dec-14	31-May-15	27-Jun-15	0%	IPs/ SO's Advance Comments/ ICE Comments													
DD67670	Comments Received	0		30-Dec-14		27-Jun-15	0%	Comments Received													
DD67678	Designer to Reply RTC + Update Submission	21	31-Dec-14	24-Jan-15	29-Jun-15	23-Jul-15	0%	Designer to Reply RTC + Update Submission													
DD67688	Submit Updated DDA to SO/ ICE/ IPs	0	26-Jan-15		24-Jul-15		0%	Submit Updated DDA to SO/ ICE/ IPs													
DD67698	ICE Approval & Issue Check Cert	18	26-Jan-15	14-Feb-15	24-Jul-15	13-Aug-15	0%	ICE Approval & Issue Check Cert													
DD67708	Submit ICE Check Cert to SO	6	16-Feb-15	28-Feb-15	14-Aug-15	20-Aug-15	0%	Submit ICE Check Cert to SO													
DD67718	IPs Review	28	26-Jan-15	22-Feb-15	24-Jul-15	20-Aug-15	0%	IPs Review													
DD67728	IPs No Objection Received	0		22-Feb-15		20-Aug-15	0%	IPs No Objection Received													
DD67738	SO's Review	35	26-Jan-15	01-Mar-15	24-Jul-15	27-Aug-15	0%	SO's Review													
(I2) AIP - North & South Ventilation Buildings - Foundation/Structural Design																					
AP00635	Designer to Prepare RTC & Updated AIP	18	19-Jun-14	10-Jul-14	06-Oct-14A	03-Nov-14A	100%	Designer to Prepare RTC & Updated AIP													
AP00640	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		10-Jul-14		03-Nov-14A	100%	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)													
AP00645	Reply to IPs Comments in RTC	0		10-Jul-14		03-Nov-14A	100%	Reply to IPs Comments in RTC													
AP00660	No Objection or Further Minor Comments from IPs Received	0		31-Jul-14		28-Nov-14A	100%	No Objection or Further Minor Comments from IPs Received													
AP00680	SO Review (35 Days)	35	11-Jul-14	14-Aug-14	03-Nov-14A	02-Dec-14A	100%	SO Review (35 Days)													
AP00685	SO Approval with Condition Received	0		14-Aug-14		02-Dec-14A	100%	SO Approval with Condition Received													

■ Planned Bar
■ Planned Bar
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu






Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015							
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
(I2) DDA for North Vent.Bldgs.Foundation Design																			
DD01300	Preparation of DDANth VB Foundation design	18	15-Aug-14	04-Sep-14	03-Dec-14A	24-Dec-14A	100%	Preparation of DDANth VB Foundation design											
DD01305	Review & Comment by JV	18	05-Sep-14	26-Sep-14	26-Dec-14A	19-Jan-15	11%	Review & Comment by JV											
DD01310	Designer prepare DDA	10	27-Sep-14	10-Oct-14	22-Jan-15	02-Feb-15	0%	Designer prepare DDA											
DD01315	Formal Submission of DDA to ICE/ IPs	0		10-Oct-14		02-Feb-15	0%	Formal Submission of DDA to ICE/ IPs											
DD01320	Advanced Submission to SO	0		10-Oct-14		02-Feb-15	0%	Advanced Submission to SO											
DD01325	IPs/ SO's Advance Comments/ ICE Comments	28	11-Oct-14	07-Nov-14	03-Feb-15	02-Mar-15	0%	IPs/ SO's Advance Comments/ ICE Comments											
DD01330	Comments Received	0		07-Nov-14		02-Mar-15	0%	Comments Received											
DD01335	Designer to Reply RTC + Update Submission	21	08-Nov-14	02-Dec-14	03-Mar-15	26-Mar-15	0%	Designer to Reply RTC + Update Submission											
DD01340	Submit Updated DDA to SO/ ICE/ IPs	0	03-Dec-14		27-Mar-15		0%	Submit Updated DDA to SO/ ICE/ IPs											
DD01345	ICE Approval & Issue Check Cert	12	03-Dec-14	16-Dec-14	27-Mar-15	14-Apr-15	0%	ICE Approval & Issue Check Cert											
DD01350	Submit ICE Check Cert to SO	6	17-Dec-14	23-Dec-14	15-Apr-15	21-Apr-15	0%	Submit ICE Check Cert to SO											
DD01355	IPs Review	28	03-Dec-14	30-Dec-14	27-Mar-15	23-Apr-15	0%	IPs Review											
DD01360	IPs No Objection Received	0		30-Dec-14		23-Apr-15	0%	IPs No Objection Received											
DD01380	SO's Review	35	03-Dec-14	06-Jan-15	27-Mar-15	30-Apr-15	0%	SO's Review											
DD01385	SO Approval with Condition Received	0		06-Jan-15		30-Apr-15	0%	SO Approval with Condition Received											
(I2) DDA for North Vent.Bldgs.Structural Design incl.Vent.Connections																			
DD68008	Preparation of DDANth VB Structural Design incl Vent conn	18	05-Sep-14	26-Sep-14	31-Dec-14	21-Jan-15	0%	Preparation of DDANth VB Structural Design incl Vent conn											
DD68018	Review & Comment by JV	18	27-Sep-14	20-Oct-14	22-Jan-15	11-Feb-15	0%	Review & Comment by JV											
DD68020	Designer prepare DDA	10	21-Oct-14	31-Oct-14	12-Feb-15	02-Mar-15	0%	Designer prepare DDA											
DD68028	Formal Submission of DDA to ICE/ IPs	0		31-Oct-14		02-Mar-15	0%	Formal Submission of DDA to ICE/ IPs											
DD68030	Advanced Submission to SO	0		31-Oct-14		02-Mar-15	0%	Advanced Submission to SO											
DD68038	IPs/ SO's Advance Comments/ ICE Comments	28	01-Nov-14	28-Nov-14	03-Mar-15	30-Mar-15	0%	IPs/ SO's Advance Comments/ ICE Comments											
DD68040	Comments Received	0		28-Nov-14		30-Mar-15	0%	Comments Received											
DD68048	Designer to Reply RTC + Update Submission	21	29-Nov-14	23-Dec-14	31-Mar-15	28-Apr-15	0%	Designer to Reply RTC + Update Submission											
DD68058	Submit Updated DDA to SO/ ICE/ IPs	0	24-Dec-14		29-Apr-15		0%	Submit Updated DDA to SO/ ICE/ IPs											
DD68068	ICE Approval & Issue Check Cert	12	24-Dec-14	09-Jan-15	29-Apr-15	13-May-15	0%	ICE Approval & Issue Check Cert											
DD68078	Submit ICE Check Cert to SO	6	10-Jan-15	16-Jan-15	14-May-15	20-May-15	0%	Submit ICE Check Cert to SO											
DD68088	IPs Review	28	24-Dec-14	20-Jan-15	29-Apr-15	26-May-15	0%	IPs Review											
DD68098	IPs No Objection Received	0		20-Jan-15		26-May-15	0%	IPs No Objection Received											
DD68210	SO's Review	35	24-Dec-14	27-Jan-15	29-Apr-15	02-Jun-15	0%	SO's Review											
DD68220	SO Approval with Condition Received	0		27-Jan-15		02-Jun-15	0%	SO Approval with Condition Received											
(I3) DDA for North & South Vent.Bldgs. Service and E&M Provision																			
DD01600	Preparation of DDANth VB Service and E&MS Provision	18	12-Sep-14	04-Oct-14	22-Aug-14A	30-Dec-14	89%	Preparation of DDANth VB Service and E&MS Provision											
DD01605	Review & Comment by JV	24	06-Oct-14	01-Nov-14	31-Dec-14	28-Jan-15	0%	Review & Comment by JV											
DD01610	Designer prepare DDA	15	03-Nov-14	19-Nov-14	29-Jan-15	14-Feb-15	0%	Designer prepare DDA											
DD01615	Formal Submission of DDA to ICE/ IPs	0		19-Nov-14		14-Feb-15	0%	Formal Submission of DDA to ICE/ IPs											
DD01620	Advanced Submission to SO	0		19-Nov-14		14-Feb-15	0%	Advanced Submission to SO											
DD01625	IPs/ SO's Advance Comments/ ICE Comments	28	20-Nov-14	17-Dec-14	15-Feb-15	14-Mar-15	0%	IPs/ SO's Advance Comments/ ICE Comments											
DD01630	Comments Received	0		17-Dec-14		14-Mar-15	0%	Comments Received											
DD01635	Designer to Reply RTC + Update Submission	21	18-Dec-14	14-Jan-15	16-Mar-15	13-Apr-15	0%	Designer to Reply RTC + Update Submission											
DD01640	Submit Updated DDA to SO/ ICE/ IPs	0	15-Jan-15		14-Apr-15		0%	Submit Updated DDA to SO/ ICE/ IPs											
DD01645	ICE Approval & Issue Check Cert	12	15-Jan-15	28-Jan-15	14-Apr-15	27-Apr-15	0%	ICE Approval & Issue Check Cert											
DD01650	Submit ICE Check Cert to SO	6	29-Jan-15	04-Feb-15	28-Apr-15	05-May-15	0%	Submit ICE Check Cert to SO											
DD01655	IPs Review	28	15-Jan-15	11-Feb-15	14-Apr-15	11-May-15	0%	IPs Review											
DD01660	IPs No Objection Received	0		11-Feb-15		11-May-15	0%	IPs No Objection Received											
DD01665	SO's Review	35	15-Jan-15	18-Feb-15	14-Apr-15	18-May-15	0%	SO's Review											
DD01670	SO Approval with Condition Received	0		18-Feb-15		18-May-15	0%	SO Approval with Condition Received											
(J1) AIP Temp.works for Construction of Nth.Vent.Bldg.																			
AP01825	Review & Comment by SO/ ICE/ IPs	28	27-Jun-14	24-Jul-14	27-Sep-14A	03-Dec-14A	100%	Review & Comment by SO/ ICE/ IPs											
AP01830	Advance Comments from SO/ Comments from ICE/ IPs Received	0		24-Jul-14		03-Dec-14A	100%	Advance Comments from SO/ Comments from ICE/ IPs Received											
AP01835	Designer to Prepare RTC & Updated AIP	18	25-Jul-14	14-Aug-14	04-Dec-14A	10-Dec-14A	100%	Designer to Prepare RTC & Updated AIP											
AP01840	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		14-Aug-14		10-Dec-14A	100%	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)											
AP01845	Reply to IPs Comments in RTC	0		14-Aug-14		10-Dec-14A	100%	Reply to IPs Comments in RTC											
AP01850	ICE Approval & Issue of Design Check Cert.	18	15-Aug-14	04-Sep-14	21-Oct-14A	03-Dec-14A	100%	ICE Approval & Issue of Design Check Cert.											
AP01855	Check Cert to SO	0		04-Sep-14		03-Dec-14A	100%	Check Cert to SO											
AP01860	No Objection or Further Minor Comments from IPs Received	0		04-Sep-14		03-Dec-14A	100%	No Objection or Further Minor Comments from IPs Received											
AP01880	SO Review (35 Days)	35	15-Aug-14	18-Sep-14	10-Dec-14A	17-Jan-15	43%	SO Review (35 Days)											
AP01885	SO Approval with Condition Received	0		18-Sep-14		23-Jan-15	0%	SO Approval with Condition Received											
(J1) DDA Temp.works for Construction of Nth.Vent.Bldg.																			
DD04380	Preparation of DDANth VB & Trench ELS	18	19-Sep-14	11-Oct-14	24-Jan-15	13-Feb-15	0%	Preparation of DDANth VB & Trench ELS											
DD04390	Review & Comment by JV	18	13-Oct-14	01-Nov-14	14-Feb-15	13-Mar-15	0%	Review & Comment by JV											
DD04400	Designer prepare DDA	10	03-Nov-14	13-Nov-14	14-Mar-15	25-Mar-15	0%	Designer prepare DDA											
DD04410	Formal Submission of DDA to ICE/ IPs	0		13-Nov-14		25-Mar-15	0%	Formal Submission of DDA to ICE/ IPs											
DD04420	Advanced Submission to SO	0		13-Nov-14		25-Mar-15	0%	Advanced Submission to SO											
DD04430	IPs/ SO's Advance Comments/ ICE Comments	28	14-Nov-14	11-Dec-14	26-Mar-15	22-Apr-15	0%	IPs/ SO's Advance Comments/ ICE Comments											

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



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015							
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
								Gantt Chart											
DD04440	Comments Received	0		11-Dec-14		22-Apr-15	0%	Gantt Chart											
DD04450	Designer to Reply RtC + Update Submission	21	12-Dec-14	08-Jan-15	23-Apr-15	18-May-15	0%	Gantt Chart											
DD04460	Submit Updated DDA to SO/ ICE/ IPs	0	09-Jan-15		19-May-15		0%	Gantt Chart											
DD04470	ICE Approval & Issue Check Cert	12	09-Jan-15	22-Jan-15	19-May-15	02-Jun-15	0%	Gantt Chart											
DD04480	Submit ICE Check Cert to SO	6	23-Jan-15	29-Jan-15	03-Jun-15	09-Jun-15	0%	Gantt Chart											
DD04490	IPs Review	28	09-Jan-15	05-Feb-15	19-May-15	15-Jun-15	0%	Gantt Chart											
DD04500	IPs No Objection Received	0		05-Feb-15		15-Jun-15	0%	Gantt Chart											
DD04540	SO's Review	35	09-Jan-15	12-Feb-15	19-May-15	22-Jun-15	0%	Gantt Chart											
DD04550	SO Approval with Condition R received	0		12-Feb-15		22-Jun-15	0%	Gantt Chart											
(C3) DDA for North Vent Shaft & Duct Permanent Structure																			
DD67268	Preparation of DD North Vent Shaft & Duct Perm Structure	18	07-Aug-14	27-Aug-14	31-Jul-14A	30-Dec-14	83%	Gantt Chart											
DD67278	Review & Comment by JV	18	28-Aug-14	18-Sep-14	31-Dec-14	21-Jan-15	0%	Gantt Chart											
DD67280	Designer prepare DDA	10	19-Sep-14	30-Sep-14	22-Jan-15	02-Feb-15	0%	Gantt Chart											
DD67288	Formal Submission of DDA to ICE/ IPs	0		30-Sep-14		02-Feb-15	0%	Gantt Chart											
DD67290	Advanced Submission to SO	0		30-Sep-14		02-Feb-15	0%	Gantt Chart											
DD67298	IPs/ SO's Advance Comments/ ICE Comments	28	01-Oct-14	28-Oct-14	03-Feb-15	02-Mar-15	0%	Gantt Chart											
DD67308	Designer to Reply RtC + Update Submission	21	29-Oct-14	21-Nov-14	03-Mar-15	26-Mar-15	0%	Gantt Chart											
DD67318	Submit Updated DDA to SO/ ICE/ IPs	0	22-Nov-14		27-Mar-15		0%	Gantt Chart											
DD67328	ICE Approval & Issue Check Cert	12	22-Nov-14	05-Dec-14	27-Mar-15	14-Apr-15	0%	Gantt Chart											
DD67338	Submit ICE Check Cert to SO	6	06-Dec-14	12-Dec-14	15-Apr-15	21-Apr-15	0%	Gantt Chart											
DD67348	IPs Review	28	22-Nov-14	19-Dec-14	27-Mar-15	23-Apr-15	0%	Gantt Chart											
DD67358	IPs No Objection Received	0		19-Dec-14		23-Apr-15	0%	Gantt Chart											
DD67368	SO's Review	35	22-Nov-14	26-Dec-14	27-Mar-15	30-Apr-15	0%	Gantt Chart											
DD67378	SO Approval with Condition R received	0		27-Dec-14		30-Apr-15	0%	Gantt Chart											
(D6) IFA Misc.Temp.Support for Excavation >2m depth																			
DD05180	Preparation of IFA Misc Temp Support for Excavation >2m depth	18	13-Dec-14	06-Jan-15	19-Mar-15	13-Apr-15	0%	Gantt Chart											
DD05190	Review & Comment by JV	18	07-Jan-15	27-Jan-15	14-Apr-15	05-May-15	0%	Gantt Chart											
DD05200	Designer prepare IFA	10	28-Jan-15	07-Feb-15	06-May-15	16-May-15	0%	Gantt Chart											
DD05210	Formal Submission of IFA to ICE/ IPs	0		07-Feb-15		16-May-15	0%	Gantt Chart											
DD05220	Advanced Submission to SO	0		07-Feb-15		16-May-15	0%	Gantt Chart											
DD05230	IPs/ SO's Advance Comments/ ICE Comments	28	08-Feb-15	07-Mar-15	17-May-15	13-Jun-15	0%	Gantt Chart											
(D9) AIP Temporary support and dewatering measures for Vent Duct ELS design for Northern Landfall																			
DD69280	Prepare AIP Temp Support & Dewatering measures for Vent Duct ELS at Northern Landfall	18	09-Dec-14	31-Dec-14	23-Jul-15	12-Aug-15	0%	Gantt Chart											
DD69290	Review & Comment by JV	18	02-Jan-15	22-Jan-15	13-Aug-15	02-Sep-15	0%	Gantt Chart											
DD69300	Designer prepare AIP	10	23-Jan-15	03-Feb-15	03-Sep-15	14-Sep-15	0%	Gantt Chart											
DD69310	Formal Submission of DDA to ICE/ IPs	0		03-Feb-15		14-Sep-15	0%	Gantt Chart											
DD69320	Advanced Submission to SO	0		03-Feb-15		14-Sep-15	0%	Gantt Chart											
DD69330	IPs/ SO's Advance Comments/ ICE Comments	28	04-Feb-15	03-Mar-15	15-Sep-15	12-Oct-15	0%	Gantt Chart											
North Surface Roadworks, Utility & Drainage works																			
Design Submission																			
(A20) DDA for Traffic Sign, Road Marking, Street Furnitures, Sign Gantry & etc																			
DD01705	Review & Comment by JV	18	15-Sep-14	07-Oct-14	17-Oct-14A	28-Nov-14A	100%	Gantt Chart											
DD01710	Designer prepare DDA	10	08-Oct-14	18-Oct-14	29-Nov-14A	12-Dec-14A	100%	Gantt Chart											
DD01715	Formal Submission of DDA to ICE/ IPs	0		18-Oct-14		12-Dec-14A	100%	Gantt Chart											
DD01720	Advanced Submission to SO	0		18-Oct-14		12-Dec-14A	100%	Gantt Chart											
DD01725	IPs/ SO's Advance Comments/ ICE Comments	28	19-Oct-14	15-Nov-14	12-Dec-14A	10-Jan-15	54%	Gantt Chart											
DD01730	Comments Received	0		15-Nov-14		17-Jan-15	0%	Gantt Chart											
DD01735	Designer to Reply RtC + Update Submission	21	17-Nov-14	10-Dec-14	19-Jan-15	11-Feb-15	0%	Gantt Chart											
DD01740	Submit Updated DDA to SO/ ICE/ IPs	0	11-Dec-14		12-Feb-15		0%	Gantt Chart											
DD01745	ICE Approval & Issue Check Cert	12	11-Dec-14	24-Dec-14	12-Feb-15	04-Mar-15	0%	Gantt Chart											
DD01750	Submit ICE Check Cert to SO	6	27-Dec-14	03-Jan-15	05-Mar-15	11-Mar-15	0%	Gantt Chart											
DD01755	SO's Review	35	11-Dec-14	14-Jan-15	12-Feb-15	18-Mar-15	0%	Gantt Chart											
DD01760	SO Approval with Condition R received	0		14-Jan-15		18-Mar-15	0%	Gantt Chart											
(C2) DDA for Sewerage, Drainage, Waterworks & Utility works for North Landfall																			
DD02105	Review & Comment by JV	18	14-Aug-14	03-Sep-14	10-Oct-14A	28-Nov-14A	100%	Gantt Chart											
DD02110	Designer prepare DDA	10	04-Sep-14	16-Sep-14	29-Nov-14A	12-Dec-14A	100%	Gantt Chart											
DD02115	Formal Submission of DDA to ICE/ IPs	0		16-Sep-14		12-Dec-14A	100%	Gantt Chart											
DD02120	Advanced Submission to SO	0		16-Sep-14		12-Dec-14A	100%	Gantt Chart											
DD02125	IPs/ SO's Advance Comments/ ICE Comments	28	17-Sep-14	14-Oct-14	12-Dec-14A	10-Jan-15	54%	Gantt Chart											
DD02130	Comments Received	0		14-Oct-14		17-Jan-15	0%	Gantt Chart											
DD02135	Designer to Reply RtC + Update Submission	21	15-Oct-14	07-Nov-14	19-Jan-15	11-Feb-15	0%	Gantt Chart											
DD02140	Submit Updated DDA to SO/ ICE/ IPs	0	08-Nov-14		12-Feb-15		0%	Gantt Chart											
DD02145	ICE Approval & Issue Check Cert	12	08-Nov-14	21-Nov-14	12-Feb-15	04-Mar-15	0%	Gantt Chart											
DD02150	Submit ICE Check Cert to SO	6	22-Nov-14	28-Nov-14	05-Mar-15	11-Mar-15	0%	Gantt Chart											
DD02155	IPs Review	28	08-Nov-14	05-Dec-14	12-Feb-15	11-Mar-15	0%	Gantt Chart											
DD02160	IPs No Objection Received	0		05-Dec-14		11-Mar-15	0%	Gantt Chart											

 Planned Bar
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TMCLK - Northern Connection Sub-Sea Tunnel Section
Detailed Works Programme - Three months rolling programme



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015							
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
DD02165	SO's Review	35	08-Nov-14	12-Dec-14	12-Feb-15	18-Mar-15	0%												
DD02170	SO Approval with Condition R received	0		12-Dec-14		18-Mar-15	0%												
Sub-sea Tunnel																			
Sub-sea TBM Tunnelling																			
Major Procurement																			
S881 -																			
PO103430	S881 - 13.6m dia - TBM - Workshop Assembly	70	02-Feb-15	06-May-15	12-May-15	04-Aug-15	0%												
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-Dec-14	23-Feb-16	0%												
Design Submission																			
(A5) Ground Investigation Report - Phase 2 - Northern Landfall & Tunnel																			
GS00960	Preparation of Ground Investigation Report - Phase 2 - Northern Landfall & Tunnel	43	02-May-14	23-Jun-14	06-Jun-14A	30-Dec-14	95%												
GS00970	*1st Submission	0		23-Jun-14		30-Dec-14	0%												
GS00980	SO's Comments for 1st Submission	35	24-Jun-14	28-Jul-14	31-Dec-14	03-Feb-15	0%												
GS00990	Prepare Re-submission	10	29-Jul-14	08-Aug-14	04-Feb-15	14-Feb-15	0%												
GS00992	*2nd Submission	0		08-Aug-14		14-Feb-15	0%												
GS00994	SO's Condition Approval	35	09-Aug-14	12-Sep-14	15-Feb-15	21-Mar-15	0%												
(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	14-Apr-15	12-May-15	0%												
GS01405	1st Submission	0		12-Jan-15		12-May-15	0%												
GS01410	SO's Comments for 1st Submission	35	13-Jan-15	16-Feb-15	13-May-15	16-Jun-15	0%												
GS01420	CLP Review (4 weeks)	28	16-Jan-15	12-Feb-15	16-May-15	12-Jun-15	0%												
GS01425	CLP Comment Received	0		12-Feb-15		12-Jun-15	0%												
GS01430	Prepare Re-submission	12	17-Feb-15	09-Mar-15	17-Jun-15	02-Jul-15	0%												
(G1) IFA for Structural Health Monitoring System for TBM Tunnel																			
DD71000	IPs/ SO's Advance Comments/ ICE Comments	28	08-Apr-14	05-May-14	14-Jun-14A	12-Dec-14A	100%												
DD71010	Designer to Reply RIC + Update Submission	21	07-May-14	30-May-14	13-Dec-14A	23-Dec-14A	100%												
DD71020	Submit Updated IFA to SO/ ICE/ IPs	0	31-May-14		23-Dec-14A		100%												
DD71030	ICE Approval & Issue Check Cert	12	31-May-14	14-Jun-14	13-Jun-14A	22-Jan-15	80%												
DD71040	Submit ICE Check Cert to SO	6	16-Jun-14	21-Jun-14	23-Jan-15	29-Jan-15	0%												
DD71050	IPs Review	28	31-May-14	27-Jun-14	21-Jan-15	17-Feb-15	0%												
DD71060	IPs No Objection Received	0		27-Jun-14		17-Feb-15	0%												
DD71070	SO's Review	35	31-May-14	04-Jul-14	21-Jan-15	24-Feb-15	0%												
DD71080	SO Approval with Condition R received	0		04-Jul-14		26-Feb-15	0%												
DD71200	TBM Segment Mould Acceptance & Trial	0	11-Jul-14		26-Feb-15		0%												
(G1) DDA for TBM Tunnel Lining Structural Design - Sub-sea tunnel																			
DD6570	IPs Review	28	01-Aug-14	28-Aug-14	17-Oct-14A	11-Nov-14A	100%												
DD6580	IPs No Objection Received	0		28-Aug-14		11-Nov-14A	100%												
DD6630	SO's Review	35	01-Aug-14	04-Sep-14	17-Oct-14A	11-Nov-14A	100%												
DD6640	SO Approval with Condition R received	0		04-Sep-14		11-Nov-14A	100%												
DD6660	Sub-sea TBM Tunnel Segment - Precast Mould Fabrication	24	05-Sep-14	06-Oct-14	12-Nov-14A	12-Dec-14A	100%												
DD6670	Sub-sea TBM Tunnel Segment - Fabrication	265	07-Oct-14	31-Aug-15	29-Dec-14	23-Nov-15	0%												
(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-Jan-15	98%												
DD6690	Preparation of DDA TBM Confinement - Sub-sea tunnel	0	25-Sep-14	25-Sep-14	03-Jan-15	03-Jan-15	0%												
DD6700	Review & Comment by JV	12	25-Sep-14	10-Oct-14	03-Jan-15	16-Jan-15	0%												
DD6705	Designer prepare DDA	12	11-Oct-14	24-Oct-14	17-Jan-15	30-Jan-15	0%												
DD6710	Formal Submission of DDA to ICE/ IPs	0		24-Oct-14		30-Jan-15	0%												
DD6715	Advanced Submission to SO	0		24-Oct-14		30-Jan-15	0%												
DD6720	IPs/ SO's Advance Comments/ ICE Comments	28	25-Oct-14	21-Nov-14	31-Jan-15	27-Feb-15	0%												
DD67258	Comments Received	0		21-Nov-14		27-Feb-15	0%												
DD6730	Designer to Reply RIC + Update Submission	21	22-Nov-14	16-Dec-14	28-Feb-15	24-Mar-15	0%												
DD6740	Submit Updated DDA to SO/ ICE/ IPs	0	17-Dec-14		25-Mar-15		0%												
DD6750	ICE Approval & Issue Check Cert	12	17-Dec-14	02-Jan-15	25-Mar-15	11-Apr-15	0%												
DD6760	Submit ICE Check Cert to SO	6	03-Jan-15	09-Jan-15	13-Apr-15	18-Apr-15	0%												
DD6770	IPs Review	28	17-Dec-14	13-Jan-15	25-Mar-15	21-Apr-15	0%												
DD6780	IPs No Objection Received	0		13-Jan-15		21-Apr-15	0%												
DD6830	SO's Review	35	17-Dec-14	20-Jan-15	25-Mar-15	28-Apr-15	0%												
DD6840	SO Approval with Condition R received	0		20-Jan-15		28-Apr-15	0%												
(G3) DDA for TBM Tunnel Internal Structures (Sub-sea)																			
DD00905	Review & Comment by JV	14	25-Aug-14	10-Sep-14	28-Aug-14A	15-Nov-14A	100%												
DD00910	Designer prepare DDA	12	11-Sep-14	24-Sep-14	15-Nov-14A	21-Nov-14A	100%												
DD00915	Formal Submission of DDA to ICE/ IPs	0		24-Sep-14		21-Nov-14A	100%												
DD00920	Advanced Submission to SO	0		24-Sep-14		21-Nov-14A	100%												
DD00925	IPs/ SO's Advance Comments/ ICE Comments	28	25-Sep-14	22-Oct-14	21-Nov-14A	30-Dec-14	93%												
DD00930	Comments Received	0		22-Oct-14		30-Dec-14	0%												

Planned Bar
 Planned Bar
 Planned Milestone
 Progress bar
 Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
 Detailed Works Programme - Three months rolling programme



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015					
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
								DD00935	Designer to Reply RTC + Update Submission	21	23-Oct-14	15-Nov-14	31-Dec-14	24-Jan-15	0%		
DD00940	Submit Updated DDA to SO/ ICE/ IPs	0	17-Nov-14			26-Jan-15	0%										
DD00945	ICE Approval & Issue Check Cert	12	17-Nov-14	29-Nov-14	26-Jan-15	07-Feb-15	0%										
DD00950	Submit ICE Check Cert to SO	6	01-Dec-14	06-Dec-14	09-Feb-15	14-Feb-15	0%										
DD00955	IPs Review	28	17-Nov-14	14-Dec-14	26-Jan-15	22-Feb-15	0%										
DD00960	IPs No Objection Received	0		14-Dec-14		22-Feb-15	0%										
DD00980	SO's Review	35	17-Nov-14	21-Dec-14	26-Jan-15	01-Mar-15	0%										
DD00985	SO Approval with Condition Received	0		22-Dec-14		02-Mar-15	0%										
DD00995	Sub-sea Internal Structure - Precast Gallery Mould Design & Fabrication	24	22-Dec-14	21-Jan-15	02-Mar-15	28-Mar-15	0%										
DD01015	Sub-sea Tunnel - Precast Gallery Fabrication	244	22-Jan-15	21-Nov-15	30-Mar-15	23-Jan-16	0%										

Sub-sea Tunnel Cross Passage & Internal Structure

Design Submission

(G4) DDA for Cross Passage - Permanent works - incl. Geotechnical Assessment - Sub-sea tunnel

AN1175	Lab Test Result from Phase 2 GI	0		01-Dec-14		30-Nov-14A	100%										
AN1180	Early DDASub-sea Cross Passage Lining & CPOpening	151	03-Jun-14	29-Nov-14	03-Jun-14A	30-Dec-14	99%										
DD01100	Preparation of DDACross Passage incl. Detailed Geotechnical Assessment	0	01-Dec-14	01-Dec-14	31-Dec-14	31-Dec-14	0%										
DD01105	Review & Comment by JV	6	01-Dec-14	06-Dec-14	31-Dec-14	07-Jan-15	0%										
DD01110	Designer prepare DDA	12	08-Dec-14	20-Dec-14	08-Jan-15	21-Jan-15	0%										
DD01115	Formal Submission of DDA to ICE/ IPs	0		20-Dec-14		21-Jan-15	0%										
DD01120	Advanced Submission to SO	0		20-Dec-14		21-Jan-15	0%										
DD01125	IPs/ SO's Advance Comments/ ICE Comments	28	21-Dec-14	17-Jan-15	22-Jan-15	18-Feb-15	0%										
DD01130	Comments Received	0		17-Jan-15		18-Feb-15	0%										
DD01135	Designer to Reply RTC + Update Submission	21	19-Jan-15	11-Feb-15	26-Feb-15	21-Mar-15	0%										
DD01140	Submit Updated DDA to SO/ ICE/ IPs	0	12-Feb-15			23-Mar-15	0%										
DD01145	ICE Approval & Issue Check Cert	12	12-Feb-15	04-Mar-15	23-Mar-15	09-Apr-15	0%										
DD01155	IPs Review	28	12-Feb-15	11-Mar-15	23-Mar-15	19-Apr-15	0%										
DD01180	SO's Review	35	12-Feb-15	18-Mar-15	23-Mar-15	26-Apr-15	0%										

(H1) DDA Temp.works for Cross Passages - Sub-sea tunnel (Type A)

AN1210	DDACP Freezing design (Structural & thermal analysis of the ice ring)	176	25-Jul-14	28-Feb-15	18-Jun-14A	30-Dec-14	99%										
DD05000	Preparation of DDACross Passages Ground Freezing (TypeA)	18	02-Mar-15	21-Mar-15	31-Dec-14	21-Jan-15	0%										
DD05010	Review & Comment by JV	18	23-Mar-15	16-Apr-15	22-Jan-15	11-Feb-15	0%										
DD05020	Designer prepare DDA	10	17-Apr-15	28-Apr-15	12-Feb-15	02-Mar-15	0%										

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	29-Dec-14	27-Jan-15	0%										
MS1310	Submit Method Statement to SO/ ICE	0		17-Oct-14		27-Jan-15	0%										
MS1320	SO Reviews & Comments/ ICE Comments	28	18-Oct-14	14-Nov-14	28-Jan-15	24-Feb-15	0%										
MS1330	Re-submission	18	15-Nov-14	05-Dec-14	26-Feb-15	18-Mar-15	0%										
MS1340	ICE Approval & Issue Check Cert.	18	06-Dec-14	29-Dec-14	19-Mar-15	13-Apr-15	0%										
MS1350	SO's Review	28	06-Dec-14	02-Jan-15	19-Mar-15	15-Apr-15	0%										
MS1360	SO's Approval	0		02-Jan-15		15-Apr-15	0%										

Southern Landfall

South Retrieval Shaft

Design Submission

(A4) Additional Ground Investigation Plan - Phase 3 - Southen Landfall

GS2870	Preparation of Additional Ground Investigation (Phase 3)	11	15-Jan-15	27-Jan-15	15-Jan-15*	27-Jan-15	0%										
GS2880	1st Submission	0		27-Jan-15		27-Jan-15	0%										
GS2905	SO's Comments for 1st Submission	35	28-Jan-15	03-Mar-15	28-Jan-15	03-Mar-15	0%										

(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	13-Jun-15	27-Jul-15	0%										
GS01205	1st Submission	0		10-Dec-14		27-Jul-15	0%										
GS01210	SO's Comments for 1st Submission	35	11-Dec-14	14-Jan-15	28-Jul-15	31-Aug-15	0%										
GS01215	Prepare Re-submission	10	15-Jan-15	26-Jan-15	01-Sep-15	11-Sep-15	0%										
GS01220	2nd Submission	0		26-Jan-15		11-Sep-15	0%										
GS01225	ICE Cert. Issue	6	27-Jan-15	02-Feb-15	12-Sep-15	18-Sep-15	0%										
GS01250	SO's Condition Approval	35	27-Jan-15	02-Mar-15	12-Sep-15	16-Oct-15	0%										

(F1) AIP Temp.works - Retrieval Shaft on Southern Landfall inc. break-out

AP01615	Formal Submission of AIP to ICE/IPs	0		01-Nov-14		16-Apr-15	0%										
AP01620	Advanced Submission of AIP to SO	0		01-Nov-14		16-Apr-15	0%										
AP01625	Review & Comment by SO/ ICE/ IPs	28	01-Nov-14	29-Nov-14	17-Apr-15	14-May-15	0%										
AP01630	Advance Commants from SO/ Comments from ICE/ IPs Received	0		29-Nov-14		14-May-15	0%										
AP01635	Designer to Prepare RTC & Updated AIP	18	29-Nov-14	20-Dec-14	15-May-15	05-Jun-15	0%										
AP01640	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		20-Dec-14		05-Jun-15	0%										
AP01645	Reply to IPs Comments in RTC	0		20-Dec-14		05-Jun-15	0%										
AP01650	ICE Approval & Issue of Design Check Cert.	18	20-Dec-14	14-Jan-15	06-Jun-15	27-Jun-15	0%										
AP01655	Check Cert to SO	0		14-Jan-15		27-Jun-15	0%										

Planned Bar
 Planned Bar
 Planned Milestone
 Progress bar
 Progress Milestone



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015					
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
(F2) AIP Temp works of Ground Treatment for TBMs passing under Southern Landfall																	
AP01660	No Objection or Further Minor Comments from IPs Received	0		14-Jan-15		27-Jun-15	0%								◆ No Objection or Further Minor Comments from IPs Received		
AP01680	SO Review (35 Days)	35	22-Dec-14	26-Jan-15	06-Jun-15	10-Jul-15	0%								■ SO Review (35 Days)		
AP01685	SO Approval with Condition R received	0		26-Jan-15		10-Jul-15	0%								◆ SO Approval with Condition R received		
AP01915	Formal Submission of AIP to ICE/IPs	0		29-Oct-14		10-Jun-15	0%								◆ Formal Submission of AIP to ICE/IPs		
AP01920	Advanced Submission of AIP to SO	0		29-Oct-14		10-Jun-15	0%								◆ Advanced Submission of AIP to SO		
AP01925	Review & Comment by SO/ ICE/ IPs	28	30-Oct-14	26-Nov-14	11-Jun-15	08-Jul-15	0%								■ Review & Comment by SO/ ICE/ IPs		
AP01930	Advance Comments from SO/ Comments from ICE/ IPs Received	0		26-Nov-14		08-Jul-15	0%								◆ Advance Comments from SO/ Comments from ICE/ IPs Received		
AP01935	Designer to Prepare RTC & Updated AIP	18	27-Nov-14	17-Dec-14	09-Jul-15	29-Jul-15	0%								■ Designer to Prepare RTC & Updated AIP		
AP01940	Submission of AIP to SO/ ICE together with Reply To Comment (RTC)	0		17-Dec-14		29-Jul-15	0%								◆ Submission of AIP to SO/ ICE together with Reply To Comment (RTC)		
AP01945	Reply to IPs Comments in RTC	0		17-Dec-14		29-Jul-15	0%								◆ Reply to IPs Comments in RTC		
AP01950	ICE Approval & Issue of Design Check Cert.	18	18-Dec-14	10-Jan-15	30-Jul-15	19-Aug-15	0%								■ ICE Approval & Issue of Design Check Cert.		
AP01955	Check Cert to SO	0		10-Jan-15		19-Aug-15	0%								◆ Check Cert to SO		
AP01960	No Objection or Further Minor Comments from IPs Received	0		10-Jan-15		19-Aug-15	0%								◆ No Objection or Further Minor Comments from IPs Received		
AP01980	SO Review (35 Days)	35	19-Dec-14	22-Jan-15	30-Jul-15	02-Sep-15	0%								■ SO Review (35 Days)		
AP01985	SO Approval with Condition R received	0		22-Jan-15		02-Sep-15	0%								◆ SO Approval with Condition R received		
South Cut & Cover Tunnel Design Submission (E2) AIP for South Approach Ramp & C&C Box																	
AP3120	Designer to Prepare RTC & Updated AIP	18	25-Sep-14	18-Oct-14	28-Oct-14A	02-Dec-14A	100%								■ Designer to Prepare RTC & Updated AIP		
AP3150	Check Cert to SO	0		08-Nov-14		02-Dec-14A	100%								◆ Check Cert to SO		
AP3170	No Objection or Further Minor Comments from IPs Received	0		08-Nov-14		02-Dec-14A	100%								◆ No Objection or Further Minor Comments from IPs Received		
AP3210	SO Review (35 Days)	35	18-Oct-14	22-Nov-14	03-Dec-14A	21-Mar-15	66%								■ SO Review (35 Days)		
AP3220	SO Approval with Condition R received	0		22-Nov-14		28-Mar-15	0%								◆ SO Approval with Condition R received		
AP3630	Preparation of AIP for South C&C Box	0			05-Jan-15	17-Jan-15	0%										
AP3640	Review & Comment by JV	0			19-Jan-15	31-Jan-15	0%										
AP3650	Prepare submission to SO	0			02-Feb-15	07-Feb-15	0%										
AP3660	Formal Submission of AIP to ICE/IPs	0				07-Feb-15	0%										
AP3670	Advanced Submission of AIP to SO	0				07-Feb-15	0%										
AP3680	Review & Comment by SO/ ICE/ IPs	0			08-Feb-15	08-Mar-15	0%										
(E2) DDA for South C&C Box & Approach Ramp																	
DD00460	Preparation DDA Sth C&C Box and Approach Ramp	18	22-Nov-14	13-Dec-14	30-Mar-15	23-Apr-15	0%								■ Preparation DDA Sth C&C Box and Approach Ramp		
DD00470	Review & Comment by JV	18	13-Dec-14	07-Jan-15	24-Apr-15	15-May-15	0%								■ Review & Comment by JV		
DD00480	Designer prepare DDA	10	07-Jan-15	19-Jan-15	16-May-15	28-May-15	0%								■ Designer prepare DDA		
DD00490	Formal Submission of DDA to ICE/ IPs	0		19-Jan-15		28-May-15	0%								◆ Formal Submission of DDA to ICE/ IPs		
DD00500	Advanced Submission to SO	0		19-Jan-15		28-May-15	0%								◆ Advanced Submission to SO		
DD00510	IPs/ SO's Advance Comments/ ICE Comments	28	19-Jan-15	16-Feb-15	29-May-15	25-Jun-15	0%								■ IPs/ SO's Advance Comments/ ICE Comments		
DD00520	Comments Received	0		16-Feb-15		25-Jun-15	0%								◆ Comments Received		
DD00530	Designer to Reply RTC + Update Submission	21	16-Feb-15	19-Mar-15	26-Jun-15	21-Jul-15	0%								■ Designer to Reply RTC + Update Submission		
(F3) AIP Temp. Support for South C&C, Portal & ELS																	
DD69610	Designer prepare AIP	10	08-Nov-14	20-Nov-14	24-Apr-15	06-May-15	0%								■ Designer prepare AIP		
DD69620	Formal Submission of AIP to ICE/ IPs	0		20-Nov-14		06-May-15	0%								◆ Formal Submission of AIP to ICE/ IPs		
DD69630	Advanced Submission to SO	0		20-Nov-14		06-May-15	0%								◆ Advanced Submission to SO		
DD69640	IPs/ SO's Advance Comments/ ICE Comments	28	20-Nov-14	18-Dec-14	07-May-15	03-Jun-15	0%								■ IPs/ SO's Advance Comments/ ICE Comments		
DD69650	Comments Received	0		18-Dec-14		03-Jun-15	0%								◆ Comments Received		
DD69660	Designer to Reply RTC + Update Submission	21	18-Dec-14	15-Jan-15	04-Jun-15	29-Jun-15	0%								■ Designer to Reply RTC + Update Submission		
DD69670	Submit Updated AIP to SO/ ICE/ IPs	0		15-Jan-15		30-Jun-15	0%								◆ Submit Updated AIP to SO/ ICE/ IPs		
DD69680	ICE Approval & Issue Check Cert	12	15-Jan-15	29-Jan-15	30-Jun-15	14-Jul-15	0%								■ ICE Approval & Issue Check Cert		
DD69690	IPs Review	28	15-Jan-15	12-Feb-15	30-Jun-15	27-Jul-15	0%								■ IPs Review		
DD69700	IPs No Objection Received	0		12-Feb-15		27-Jul-15	0%								◆ IPs No Objection Received		
DD69710	SO's Review	35	15-Jan-15	19-Feb-15	30-Jun-15	03-Aug-15	0%								■ SO's Review		
DD69720	SO Approval with Condition R received	0		26-Feb-15		03-Aug-15	0%								◆ SO Approval with Condition R received		
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-Feb-15	11-Mar-15	0%								■ Preparation of DDA Sth VB GBP & Arch Submission		
DD01415	Formal Submission of DDA to ICE/ IPs	0		29-Oct-14		30-Apr-15	0%								◆ Formal Submission of DDA to ICE/ IPs		
DD01420	Advanced Submission to SO	0		29-Oct-14		30-Apr-15	0%								◆ Advanced Submission to SO		
DD01425	IPs/ SO's Advance Comments/ ICE Comments	28	30-Oct-14	26-Nov-14	01-May-15	28-May-15	0%								■ IPs/ SO's Advance Comments/ ICE Comments		
DD01430	Comments Received	0		26-Nov-14		28-May-15	0%								◆ Comments Received		
DD01435	Designer to Reply RTC + Update Submission	21	27-Nov-14	20-Dec-14	29-May-15	23-Jun-15	0%								■ Designer to Reply RTC + Update Submission		
DD01440	Submit Updated DDA to SO/ ICE/ IPs	0		22-Dec-14		24-Jun-15	0%								◆ Submit Updated DDA to SO/ ICE/ IPs		
DD01445	ICE Approval & Issue Check Cert	18	22-Dec-14	14-Jan-15	24-Jun-15	15-Jul-15	0%								■ ICE Approval & Issue Check Cert		
DD01450	Submit ICE Check Cert to SO	6	15-Jan-15	21-Jan-15	16-Jul-15	22-Jul-15	0%								■ Submit ICE Check Cert to SO		
DD01455	IPs Review	28	22-Dec-14	18-Jan-15	24-Jun-15	21-Jul-15	0%								■ IPs Review		
DD01460	IPs No Objection Received	0		18-Jan-15		21-Jul-15	0%								◆ IPs No Objection Received		

Activity ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	14W51 % Comp	2014				2015					
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
								DD01465	SO's Review	35	22-Dec-14	25-Jan-15	24-Jun-15	28-Jul-15	0%		
DD01470	SO Approval with Condition R received	0		26-Jan-15		28-Jul-15	0%										
(I2) DDA for South Vent.Bldg.Structural Design incl.Vent.Connections																	
DD67808	Preparation of DDA Sth VB Structural Design incl. Vent Conn	18	28-Jan-15	17-Feb-15	29-Jul-15	18-Aug-15	0%										
DD67818	Review & Comment by JV	18	18-Feb-15	17-Mar-15	19-Aug-15	08-Sep-15	0%										
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	12-Feb-15	11-Mar-15	0%										
DD05820	Review & Comment by JV	18	29-Nov-14	19-Dec-14	12-Mar-15	01-Apr-15	0%										
DD05830	Designer prepare DDA	10	20-Dec-14	03-Jan-15	02-Apr-15	17-Apr-15	0%										
DD05840	Advanced Submission to SO	0		03-Jan-15		17-Apr-15	0%										
DD05850	Formal Submission of DDA to ICE/ IPs	0		03-Jan-15		17-Apr-15	0%										
DD05860	IPs/ SO's Advance Comments/ ICE Comments	28	04-Jan-15	31-Jan-15	18-Apr-15	15-May-15	0%										
DD05870	Comments Received	0		31-Jan-15		15-May-15	0%										
DD05880	Designer to Reply RtC + Update Submission	21	02-Feb-15	04-Mar-15	16-May-15	10-Jun-15	0%										

- Planned Bar
- Planned Bar
- Planned Milestone
- Progress bar
- Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section
Detailed Works Programme - Three months rolling programme



Date	Revision	Checked	Approved
21-Feb-14	TMCLK/DBJ/GEN/PR...	SPa	WYu