

Activity Name	Orig Dur	DWPF Start	DWPF Finish	2015			2016					
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
TMCLK - Northern Connection Sub-Sea Tunnel Section												
Contract Dates												
Commencement and Completion Dates												
KD06 - Completion of Section 1B - Portion N8		0	03-Dec-15			◆ KD06 - Completion of Section 1B - Portion N8						
Site Possession Date												
Portions: X1,(N10,11,13 & 14) - Sth Landfall		0	06-Aug-15	3 & 14) - Sth Landfall								
Handover Date												
Portions: N8A, N8B(above +3), N8C		0	03-Dec-15			◆ Portions: N8A, N8B(above +3), N8C						
General Submissions												
Environmental												
Environmental Permit Submissions												
Supplementary WMP of C&C Tunnel at Sth.Landfall												
Supplementary WMP of C&C Tunnel at Sth.Landfall		0	28-Jun-14									
Sediment Quality Report/Dumping Permit												
Southern Landfall												
Southern landfall - Commencement of Shaft & C&C Tunnd Dwall		0	03-Oct-15	◆ Southern landfall - Commencement of Shaft & C&C Tunnel Dwall								
Southern Landfall - Commencement of Retrieval Shaft Excavation		0	30-Jan-16				◆ Southern Landfall - Commencement of Retrieval Shaft Ex					
Southern Landfall - Commencement of C&C Tunnel Excavation		0	03-Mar-16						◆ Southern Landfall - Commencement of			
Sediment Sampling & Testing Plan (SSTP) - if required												
Complete SSTP and Obtain EPD's approval		24	17-Feb-15	23-Mar-15								
Sediment Quality Report (SQR) - if required												
Advance Ground Investigation works for Sediment sampling		24	24-Mar-15	24-Apr-15								
Sediment Sample Testing & Report preparation		120	25-Apr-15	16-Sep-15	Sediment Sample Testing & Report preparation							
Update SQR - Submission & EPD Approval		48	17-Sep-15	14-Nov-15	Update SQR - Submission & EPD Approval							
Dumping Permit for Load Dumping (Loading Permit) - if required												
Finalize the applivation doucment and submit to EPD - for Dwall		24	20-Jan-15	16-Feb-15								
Notify the results and issue Loading Permit for Local & Cross Boundary Crossing - for Dwall		24	17-Feb-15	23-Mar-15								
Submit draft application document for Loading Permit to EPD for comment - for Excavation		96	23-Jul-15	14-Nov-15	Submit draft application document for Loading Permit to EPD for comment - for Excavation							
Finalize the applivation doucment and submit to EPD - for Excavation		24	16-Nov-15	12-Dec-15	Finalize the applivation doucment and submit to EPD - for Excavation							
Notify the results and issue Loading Permit for Local & Cross Boundary Crossing - for Excavation		24	14-Dec-15	13-Jan-16	Notify the results and issue Loading Permit for Local & Cross Boun							
Dumping at Sea Ordinance (DASO)												
Submit application for local dumping		24	16-Nov-15	12-Dec-15	Submit application for local dumping							
Approval for Dumping at Sea Ordinance		24	14-Dec-15	13-Jan-16	Approval for Dumping at Sea Ordinance							
Cross Boundary Dumping Permit												
Apply for Cross Boundary Dumping Permit		24	14-Jan-16	17-Feb-16	Apply for Cross Boundary Dumping Permit							
Cross Boundary Dumping Approval		24	18-Feb-16	16-Mar-16	Cross Boundary Dumping Appro							
Issuance of PRC Permit for Cat L, Mp		0	16-Mar-16	16-Mar-16	Issuance of PRC Permit for Cat							
General Design Submissions												
(G6) IFA for Tunnel GBP												
SO's Review		35	29-Apr-14	02-Jun-14								
SO Approval with Condition Received		0		03-Jun-14								
PAYMENT MILESTONE												
Design and Design Checking of the Works												
MS 2.12 Approve DDA for ground treatment at Southern Landfall by the Supervising Officer		0	31-Aug-15	Approve DDA for ground treatment at Southern Landfall by the Supervising Officer								
MS 2.20.3 Approve DDA for Cross Passages by the Supervising Officer by the Supervising Officer		0	31-Mar-15	Officer								
MS 2.23 Submit DDA for Cut- and-cover Tunnel and Cross Passages at Southern Landfall		0	31-Jan-15									
MS 2.24 Approve DDA for Cut-and-cover Tunnel and Cross Passages at Southern Landfall by the Supervising Officer		0	30-Apr-15	uthern Landfall by the Supervising Officer								
MS 2.32 Approve DDA for Approach Ramp Structures to Cut-and-cover Tunnels by the Supervising Officer		0	30-Apr-15	hels by the Supervising Officer								
MS 2.44 Approve DDA for South Ventilation Building by the Supervising Officer		0	30-Jun-15	n Building by the Supervising Officer								
MS 2.48 Approve DDA for North Ventilation Building by the Supervising Officer		0	31-Jan-15									
MS 2.51 Submit DDA for Facilities Provision for TCSS		0	29-Nov-14									
MS 2.52 Approve DDA for Facilities Provision for TCSS by the Supervising Officer		0	28-Feb-15									
MS 2.56 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Southern Landfall by the Supervising Officer		0	30-Apr-15	Southern Landfall by the Supervising Officer								
MS 2.60 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Northern Landfall by the Supervising Officer		0	31-Dec-14									
MS 2.69 Submit draft Operation and Maintenance Manual for all Tunnels and Cross Passgaes		0	29-Feb-16						◆ MS 2.69 Submit draft Operation and Main			
MS 2.71 Submit draft Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes		0	29-Feb-16						◆ MS 2.71 Submit draft Operation and Main			
Tunnel Boring Machine (TBM) and Back-up Equipment for TBM Tunnel												
MS 3.1.8 Delivery to Site of cutter head of TBM for Northbound Tunnel		0	30-Sep-15	◆ MS 3.1.8 Delivery to Site of cutter head of TBM for Northbound Tunnel								
MS 3.1.9 Delivery to Site of remaining parts of TBM and back-up equipment for Northbound Tunnel		0	31-Dec-15				◆ MS 3.1.9 Delivery to Site of remaining parts of TBM and back-up equipmen					
MS 3.1.10 Complete site assembly, testing and commissioning of TBM for Northbound Tunnel		0	30-Nov-15				◆ MS 3.1.10 Complete site assembly, testing and commissioning of TBM for Northbound Tun					
MS 3.1.25 Complete the whole of the activities under this Cost Centre Part to the satisfaction of the Supervising Office		0	31-Dec-15				◆ MS 3.1.25 Complete the whole of the activities under this Cost Centre Part					
TBM Tunnel												
MS 3.3.4 Complete walls of retrieval shaft		0	30-Jan-16				◆ MS 3.3.4 Complete walls of retrieval shaft					
MS 3.3.7 Completion of excavation, support and permanent lining for 1% of the total length (measured on plan) of the Nor		0	31-Dec-15				◆ MS 3.3.7 Completion of excavation, support and permanent lining for 1% o					
MS 3.3.8 Completion of excavation, support and permanent lining for 2% of the total length (measured on plan) of the Nor		0	31-Dec-15				◆ MS 3.3.8 Completion of excavation, support and permanent lining for 2% o					
MS 3.3.9 Completion of excavation, support and permanent lining for 3% of the total length (measured on plan) of the Nor		0	31-Dec-15				◆ MS 3.3.9 Completion of excavation, support and permanent lining for 3% o					
MS 3.3.10 Completion of excavation, support and permanent lining for 4% of the total length (measured on plan) of the No		0	30-Jan-16				◆ MS 3.3.10 Completion of excavation, support and perman					
MS 3.3.11 Completion of excavation, support and permanent lining for 5% of the total length (measured on plan) of the No		0	30-Jan-16				◆ MS 3.3.11 Completion of excavation, support and perman					

Activity Name	Orig Dur	DWPf Start	DWPf Finish										
				2015			2016						
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
MS 3.3.12 Completion of excavation, support and permanent lining for 6% of the total length (measured on plan) of the No	0		30-Jan-16					◆ MS 3.3.12 Completion of excavation, support and permane					
MS 3.3.13 Completion of excavation, support and permanent lining for 7% of the total length (measured on plan) of the No	0		30-Jan-16					◆ MS 3.3.13 Completion of excavation, support and permane					
MS 3.3.14 Completion of excavation, support and permanent lining for 8% of the total length (measured on plan) of the No	0		29-Feb-16						◆ MS 3.3.14 Completion of excavation, supp				
MS 3.3.15 Completion of excavation, support and permanent lining for 9% of the total length (measured on plan) of the No	0		29-Feb-16						◆ MS 3.3.15 Completion of excavation, supp				
MS 3.3.16 Completion of excavation, support and permanent lining for 10% of the total length (measured on plan) of the N	0		29-Feb-16						◆ MS 3.3.16 Completion of excavation, supp				
MS 3.3.17 Completion of excavation, support and permanent lining for 11% of the total length (measured on plan) of the N	0		29-Feb-16						◆ MS 3.3.17 Completion of excavation, supp				
MS 3.3.62 Completion of excavation, support and permanent lining for 1% of the total length (measured on plan) of the So	0		30-Nov-15			◆ MS 3.3.62 Completion of excavation, support and permanent lining for 1% of the total length							
MS 3.3.63 Completion of excavation, support and permanent lining for 2% of the total length (measured on plan) of the So	0		30-Nov-15			◆ MS 3.3.63 Completion of excavation, support and permanent lining for 2% of the total length							
MS 3.3.64 Completion of excavation, support and permanent lining for 3% of the total length (measured on plan) of the So	0		30-Nov-15			◆ MS 3.3.64 Completion of excavation, support and permanent lining for 3% of the total length							
MS 3.3.65 Completion of excavation, support and permanent lining for 4% of the total length (measured on plan) of the So	0		31-Dec-15				◆ MS 3.3.65 Completion of excavation, support and permanent lining for 4%						
MS 3.3.66 Completion of excavation, support and permanent lining for 5% of the total length (measured on plan) of the So	0		31-Dec-15				◆ MS 3.3.66 Completion of excavation, support and permanent lining for 5%						
MS 3.3.67 Completion of excavation, support and permanent lining for 6% of the total length (measured on plan) of the So	0		31-Dec-15				◆ MS 3.3.67 Completion of excavation, support and permanent lining for 6%						
MS 3.3.68 Completion of excavation, support and permanent lining for 7% of the total length (measured on plan) of the So	0		30-Jan-16					◆ MS 3.3.68 Completion of excavation, support and permane					
MS 3.3.69 Completion of excavation, support and permanent lining for 8% of the total length (measured on plan) of the So	0		30-Jan-16					◆ MS 3.3.69 Completion of excavation, support and permane					
MS 3.3.70 Completion of excavation, support and permanent lining for 9% of the total length (measured on plan) of the So	0		30-Jan-16					◆ MS 3.3.70 Completion of excavation, support and permane					
MS 3.3.71 Completion of excavation, support and permanent lining for 10% of the total length (measured on plan) of the S	0		29-Feb-16						◆ MS 3.3.71 Completion of excavation, supp				
MS 3.3.72 Completion of excavation, support and permanent lining for 11% of the total length (measured on plan) of the S	0		29-Feb-16						◆ MS 3.3.72 Completion of excavation, supp				
MS 3.3.73 Completion of excavation, support and permanent lining for 12% of the total length (measured on plan) of the S	0		29-Feb-16						◆ MS 3.3.73 Completion of excavation, supp				
MS 3.3.74 Completion of excavation, support and permanent lining for 13% of the total length (measured on plan) of the S	0		29-Feb-16						◆ MS 3.3.74 Completion of excavation, supp				
MS 3.3.75 Completion of excavation, support and permanent lining for 14% of the total length (measured on plan) of the S	0		29-Feb-16						◆ MS 3.3.75 Completion of excavation, supp				
Cut-and-cover Tunnels at Southern Landfalls													
MS 4.1.1 Complete 10% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		31-Oct-15		◆ MS 4.1.1 Complete 10% of total length (measured on plan) of temporary retaining walls for excavation of Cut								
MS 4.1.2 Complete 20% of total length (measured on plan)of temporary retaining walls for excavation of Cut-and-cover tun	0		31-Oct-15		◆ MS 4.1.2 Complete 20% of total length (measured on plan)of temporary retaining walls for excavation of Cut								
MS 4.1.3 Complete 30% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		30-Nov-15			◆ MS 4.1.3 Complete 30% of total length (measured on plan) of temporary retaining walls for e							
MS 4.1.4 Complete 40% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		30-Nov-15			◆ MS 4.1.4 Complete 40% of total length (measured on plan) of temporary retaining walls for e							
MS 4.1.5 Complete 50% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		31-Dec-15				◆ MS 4.1.5 Complete 50% of total length (measured on plan) of temporary re						
MS 4.1.6 Complete 60% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		31-Dec-15				◆ MS 4.1.6 Complete 60% of total length (measured on plan) of temporary re						
MS 4.1.7 Complete 70% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		30-Jan-16					◆ MS 4.1.7 Complete 70% of total length (measured on plan)					
MS 4.1.8 Complete 80% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		30-Jan-16					◆ MS 4.1.8 Complete 80% of total length (measured on plan)					
MS 4.1.9 Complete 90% of total length (measured on plan) of temporary retaining walls for excavation of Cut-and-cover tu	0		29-Feb-16						◆ MS 4.1.9 Complete 90% of total length (m				
MS 4.1.26 Complete excavation for 50% of total length (measured on plan) of all Cross Passages	0		31-Dec-15				◆ MS 4.1.26 Complete excavation for 50% of total length (measured on plan)						
Cut-and-cover Tunnel at Northern Landfall													
MS 4.2.6 Removal of TBM for NB Northern Landfall Tunnel from Site after completion of Northern Landfall TBM Tunnel	0		30-Sep-15	◆ MS 4.2.6 Removal of TBM for NB Northern Landfall Tunnel from Site after completion of Northern Landfall TBM Tunnel									
MS 4.2.17 Completion of Permanent Lining for 100% of NB Northern Landfall TBM Tunnel	0		31-Aug-15	7 Completion of Permanent Lining for 100% of NB Northern Landfall TBM Tunnel									
MS 4.2.20 Completion of Permanent Lining for 75% of SB Northern Landfall TBM Tunnel	0		31-Jul-15	Permanent Lining for 75% of SB Northern Landfall TBM Tunnel									
MS 4.2.21 Completion of Permanent Lining for 100% of SB Northern Landfall TBM Tunnel	0		30-Sep-15	◆ MS 4.2.21 Completion of Permanent Lining for 100% of SB Northern Landfall TBM Tunnel									
Approach Ramp Structures to Cut-and-cover Tunnel at Southern Landfall													
MS 5.1.6 Complete retaining wall foundation for 10% of the total length (measured on plan) of approach ramp structure	0		31-Oct-15		◆ MS 5.1.6 Complete retaining wall foundation for 10% of the total length (measured on plan) of approach ramp								
MS 5.1.7 Complete retaining wall foundation for 20% of the total length (measured on plan) of approach ramp structure	0		30-Nov-15			◆ MS 5.1.7 Complete retaining wall foundation for 20% of the total length (measured on plan) o							
MS 5.1.8 Complete retaining wall foundation for 30% of the total length (measured on plan) of approach ramp structure	0		30-Nov-15			◆ MS 5.1.8 Complete retaining wall foundation for 30% of the total length (measured on plan) o							
MS 5.1.9 Complete retaining wall foundation for 40% of the total length (measured on plan) of approach ramp structure	0		31-Dec-15				◆ MS 5.1.9 Complete retaining wall foundation for 40% of the total length (me						
MS 5.1.10 Complete retaining wall foundation for 50% of the total length (measured on plan) of approach ramp structure	0		31-Dec-15				◆ MS 5.1.10 Complete retaining wall foundation for 50% of the total length (m						
MS 5.1.11 Complete retaining wall foundation for 60% of the total length (measured on plan) of approach ramp structure	0		30-Jan-16					◆ MS 5.1.11 Complete retaining wall foundation for 60% of the					
MS 5.1.12 Complete retaining wall foundation for 70% of the total length (measured on plan) of approach ramp structure	0		30-Jan-16					◆ MS 5.1.12 Complete retaining wall foundation for 70% of th					
MS 5.1.13 Complete retaining wall foundation for 80% of the total length (measured on plan) of approach ramp structure	0		29-Feb-16						◆ MS 5.1.13 Complete retaining wall foundat				
MS 5.1.14 Complete retaining wall foundation for 90% of the total length (measured on plan) of approach ramp structure	0		29-Feb-16						◆ MS 5.1.14 Complete retaining wall foundat				
North Ventilation Buildings													
MS 7.2.3 Complete 100% of foundation for the ventilation building	0		30-Nov-15			◆ MS 7.2.3 Complete 100% of foundation for the ventilation building							
Construction													
Northern Landfall													
North Reclamation (Phase 1)													
Construction													
Zone D1													
Reclamation													
Surcharge Removal - Zone D1 - (CH205 to 255) to +6mPD	6	13-Nov-15	20-Nov-15					■ Surcharge Removal - Zone D1 - (CH205 to 255) to +6mPD					
Surcharge Removal - Zone D1 - (CH255 to 305) to +6mPD	6	24-Nov-15	01-Dec-15					■ Surcharge Removal - Zone D1 - (CH255 to 305) to +6mPD					
Preparation for Portion N8 Handover	2	01-Dec-15	03-Dec-15					■ Preparation for Portion N8 Handover					
Portion N8 Handover	0		03-Dec-15					◆ Portion N8 Handover					
Zone A2													
Sloping Seawall													
SS - Armour Rock - Zone A2 - (CH843 to 893)	4	14-Jun-14	19-Jun-14										
SS - Armour Rock - Zone A2 - (CH893 to 956)	4	19-Jun-14	24-Jun-14										
Box Culvert Extension													
Construction													
Ch000-010 Culvert Outfall													
Cut sheet pile wall below water level by diver	18	14-Sep-15	06-Oct-15	■ Cut sheet pile wall below water level by diver									
Removal of temporary seawall block	3	07-Oct-15	09-Oct-15	■ Removal of temporary seawall block									

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				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Preparation & pour blinding concrete base of box culvert outfall	8	10-Oct-15	19-Oct-15									
Install precast culvert element by barge (5 nos.)	21	20-Oct-15	13-Nov-15									
Concreting in-situ Top Slab and sticth joint	12	14-Nov-15	27-Nov-15									
Removal of temporary bulk head	18	28-Nov-15	18-Dec-15									
CH000-150 Land Section												
ELS & Structure												
Pile A43/A41 CJ to Pile A41/A39 CJ												
ELS												
Installation of strut S1	5	08-May-15	13-May-15									
Excavation to FEL	5	14-May-15	19-May-15									
Box Culvert Structure												
Pile cap construction	10	27-May-15	06-Jun-15									
Base slab construction including kicker	6	19-Jun-15	26-Jun-15									
Removal of strut S1	4	27-Jun-15	02-Jul-15									
System formworks delivery & setup	14	03-Jul-15	18-Jul-15									
Walls & top slab construction	6	20-Jul-15	25-Jul-15									
Removal of strut S2 & Backfilling up to required level	6	03-Aug-15	08-Aug-15									
Pile A45/A43 CJ to Pile A43/A41 CJ												
ELS												
Installation of strut S1	5	14-May-15	19-May-15									
Excavation to FEL	5	20-May-15	26-May-15									
Box Culvert Structure												
Pile cap construction	10	08-Jun-15	18-Jun-15									
Base slab construction including kicker	6	27-Jun-15	04-Jul-15									
Removal of strut S1	4	06-Jul-15	09-Jul-15									
Walls & top slab construction	6	27-Jul-15	01-Aug-15									
Pile A47/A45 CJ to Pile A45/A43 CJ												
ELS												
Excavation to 0.5m below strut S1	5	14-May-15	19-May-15									
Installation of strut S1	5	20-May-15	26-May-15									
Excavation to FEL	5	27-May-15	01-Jun-15									
Box Culvert Structure												
Pile cap construction	10	19-Jun-15	02-Jul-15									
Base slab construction including kicker	6	06-Jul-15	11-Jul-15									
Removal of strut S1	4	13-Jul-15	16-Jul-15									
Walls & top slab construction	6	03-Aug-15	08-Aug-15									
Pile A49/A47 CJ to Pile A47/A45 CJ												
ELS												
Excavation to 0.5m below strut S1	5	20-May-15	26-May-15									
Installation of strut S1	5	27-May-15	01-Jun-15									
Excavation to FEL	5	02-Jun-15	06-Jun-15									
Box Culvert Structure												
Pile cap construction	10	03-Jul-15	14-Jul-15									
Base slab construction including kicker	6	15-Jul-15	21-Jul-15									
Removal of strut S1	4	22-Jul-15	25-Jul-15									
Pile A52/A49 CJ to Pile A49/A47 CJ												
ELS												
Excavation to 0.5m below strut S1	5	27-May-15	01-Jun-15									
Installation of strut S1	5	02-Jun-15	06-Jun-15									
Excavation to FEL	5	08-Jun-15	12-Jun-15									
Box Culvert Structure												
Pile cap construction	10	22-Jul-15	01-Aug-15									
Base slab construction including kicker	6	03-Aug-15	08-Aug-15									
Preparation for TempAccess Road for N8 handvoer	24	07-Sep-15	06-Oct-15									
Ch150-250 Marine Section												
Foundation												
H-beam installation & Concreting - 16 nos (P105 - P120)	40	21-May-15	09-Jul-15									
Preboring - 20 nos (P65 - P84) - Rig 3	50	07-Jul-15	02-Sep-15									
H-beam installation & Concreting - 20 nos (P65 - P84)	50	10-Jul-15	05-Sep-15									
Preboring - 20 nos (P85 - P104) - Rig 1	50	07-Jul-15	02-Sep-15									
H-beam installation & Concreting - 20 nos (P85 - P104)	50	10-Jul-15	05-Sep-15									
ELS & Structure												
Cofferdam closing of Ch100-250	28	01-Jun-15	04-Jul-15									
Dewatering well installation Ch180-250	12	19-Jun-15	04-Jul-15									
Dewatering well installation Ch100-180	12	06-Jul-15	18-Jul-15									
1st Pumping test	18	20-Jul-15	08-Aug-15									
Toe grouting Ch100-250	95	07-Sep-15	31-Dec-15									
2nd Pumping test Ch100-250	29	02-Jan-16	04-Feb-16									
Pile A41/A39 CJ to Pile A39/A37 CJ												

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								Oct	Nov	Dec		Jan	Feb	Mar	Apr	May
ELS																
Excavation to 0.5m below strut S2				4	05-Feb-16	16-Feb-16										
Installation of strut S2				6	17-Feb-16	23-Feb-16										
Excavation to 0.5m below strut S1				5	24-Feb-16	29-Feb-16										
Installation of strut S1				5	01-Mar-16	05-Mar-16										
Excavation to FEL				5	07-Mar-16	11-Mar-16										
Box Culvert Structure																
Pile cap construction				10	18-Mar-16	01-Apr-16										
Pile A39/A37 CJ to Pile A37/A35 CJ																
ELS																
Excavation to 0.5m below strut S2				4	17-Feb-16	20-Feb-16										
Installation of strut S2				6	22-Feb-16	27-Feb-16										
Excavation to 0.5m below strut S1				5	01-Mar-16	05-Mar-16										
Installation of strut S1				5	07-Mar-16	11-Mar-16										
Excavation to FEL				5	12-Mar-16	17-Mar-16										
Pile A37/A35 CJ to Pile A35/A33 CJ																
ELS																
Excavation to 0.5m below strut S2				4	22-Feb-16	25-Feb-16										
Installation of strut S2				6	26-Feb-16	03-Mar-16										
Excavation to 0.5m below strut S1				5	07-Mar-16	11-Mar-16										
Installation of strut S1				5	12-Mar-16	17-Mar-16										
Excavation to FEL				5	18-Mar-16	23-Mar-16										
Pile A35/A33 CJ to Pile A33/P117 CJ																
ELS																
Excavation to 0.5m below strut S2				4	26-Feb-16	01-Mar-16										
Installation of strut S2				6	02-Mar-16	08-Mar-16										
Excavation to 0.5m below strut S1				5	12-Mar-16	17-Mar-16										
Installation of strut S1				5	18-Mar-16	23-Mar-16										
Pile A33/P117 CJ to Pile P113/P109 CJ																
ELS																
Excavation to 0.5m below strut S1				9	09-Mar-16	18-Mar-16										
Installation of strut S1				5	19-Mar-16	24-Mar-16										
Pile P113/P109 CJ to Pile P105/P101 CJ																
ELS																
Excavation to 0.5m below strut S1				9	17-Mar-16	30-Mar-16										
Ch250-380 Marine Section																
Installation of Dewatering & Observation Well Ch 250-380				23	04-Nov-15	30-Nov-15										
1st Pumping Test & Analysis				17	01-Dec-15	19-Dec-15										
Toe Grouting				106	21-Dec-15	07-May-16										
Ch250-320 Prebored H-piles																
Preboring - 16 nos (P49 - P64) - Rig 1				40	03-Sep-15	22-Oct-15										
H-beam installation & Concreting - 16 nos (P49 - P64)				40	07-Sep-15	26-Oct-15										
Rig 1 Demobilization				0	23-Oct-15											
Preboring - 20 nos (P29 - P48) - Rig 3				50	03-Sep-15	03-Nov-15										
H-beam installation & Concreting - 20 nos (P29 - P48)				50	07-Sep-15	06-Nov-15										
Rig 2 Demobilization				0	04-Nov-15											
Ch320-360 Prebored H-piles																
Current Steel Bridge location available				0		02-Sep-15										
Predrilling - 3 nos				9	03-Sep-15	12-Sep-15										
Preboring - 14 nos (C13-C28) - Rig 2				35	14-Sep-15	27-Oct-15										
H-beam installation & Concreting - 14 nos (C13-C28)				35	17-Sep-15	30-Oct-15										
Preboring - 6 piles (P9-12, P15-16) - Rig 2				18	28-Oct-15	17-Nov-15										
H-beam Installation & Concreting - 6 piles (P9-12, P15-16)				18	31-Oct-15	20-Nov-15										
Ch360-380 Prebored H-piles																
Steel Bridge Landing Platform Construction				18	03-Jul-15	23-Jul-15										
Ch380-399 Connection Section																
Foundation & ELS																
Stage 1																
Preboring - 9 nos (C1-7,C9-10) - Rig 2				27	30-May-15	02-Jul-15										
H-beam installation & Concreting - 9 nos (C1-7,C9-10)				29	03-Jun-15	08-Jul-15										
Preboring & sheet piling (west row south 50%) - Rig 2				24	10-Aug-15	05-Sep-15										
Stage 2																
2015/16 Dry Season				0	01-Nov-15											
Install concrete blocks to support working platform				6	02-Nov-15	07-Nov-15										
2nd Relocation of working platform				6	09-Nov-15	14-Nov-15										
Preboring - 4 nos (C13-C16) - Rig 2				12	16-Nov-15	28-Nov-15										
H-beam installation & Concreting - 4 nos (C13-C16)				12	19-Nov-15	02-Dec-15										
Preboring for sheet piling (middle row north 50%) - Rig 2				18	03-Dec-15	23-Dec-15										
Preboring for sheet piling (west row north 50%) - Rig 2				24	24-Dec-15	23-Jan-16										

Planned Bar

Planned Bar - Critical

Planned Milestone

Progress bar

Progress Milestone

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BOUYGUES TRAVIAUX PUBLICS

Date	Revision	Checked	Approved
12-Feb-14	TMCLKDBJGENPRG98507	WYu	SPs
08-Apr-14	TMCLKDBJGENPRG98507 Rev.B	SPs	WYu
28-Aug-14	TMCLKDBJGENPRG98507 Rev.C	CLa	WYu
10-Jun-15	TMCLKDBJGENPRG98507 Rev.F	WYu	

Activity Name	Orig Dur	DWPF Start	DWPF Finish	2015			2016				
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Rig 3 Demobilization	0	25-Jan-16									
Land Access route for CKS											
Steel Bridge - Preparation for dismantling	24	23-Jul-15	19-Aug-15								
Available for steel bridge relocation	0	20-Aug-15									
Steel bridge relocation	12	20-Aug-15	02-Sep-15								
Make good for Landside Roadworks	24	03-Sep-15	02-Oct-15								
Miscellaneous works											
Inspection Manhole (IM)											
Inspection Manhole IM-01 to IM-04 & backfilling to +6.0mPD	12	29-Sep-15	13-Oct-15								
Stop Log Opening (SLO)											
SLO-01 to SLO-05 & backfilling to +6.0mPD	24	14-Oct-15	11-Nov-15								
Balance Hole (BH)											
BH-01 to BH-03 & backfilling to +6.0mPD	18	07-Sep-15	26-Sep-15								
North Launching Shaft											
Design Submission											
(C1) DDA for North Approach Ramp Permanent Structure											
IPs Review	28	23-Oct-14	19-Nov-14								
IP's No Objection Received	0		19-Nov-14								
SO's Review	35	23-Oct-14	26-Nov-14								
SO Approval with Condition Received	0		26-Nov-14								
North Ventilation Shaft											
Construction											
North Ventilation Shaft Excavation & Base Slab											
A- Vent Shaft Excavation (-40.0mPD to -42.0mPD) - Rock	29	02-Sep-15	08-Oct-15								
A- Vent Shaft Bottom Base Slab for TBM Re-launching	48	08-Oct-15	04-Dec-15								
A- Tympanum construction for TBM break-in/out	36	15-Oct-15	27-Nov-15								
North Ventilation Shaft - Steel Bell Installation	40	15-Oct-15	02-Dec-15								
North Ventilation Shaft - Steel Bell Backfilling for S882 Crossing	12	02-Dec-15	16-Dec-15								
North Ventilation Shaft - Shaft Flooding for S880 Arrival	10	16-Dec-15	30-Dec-15								
TMCLK VO-008 - Construction of Viaduct Foundations at Portion N6A											
Viaduct Bored Pile Construction											
Bored Pile Construction											
G1c-6											
Pile 6 - RCD Socket Drilling	14	14-Jul-14	29-Jul-14								
Viaduct Pile Cap											
Construction											
Pier G1c											
Pile Cap G1c - Preparation for ELS	6	24-Oct-14	30-Oct-14								
Pile Cap G1c - Removal of Existing ground slab	6	31-Oct-14	06-Nov-14								
Pile Cap G1c - Excavation & ELS Installation	12	07-Nov-14	20-Nov-14								
Pile Cap G1c - Blinding Concrete	3	21-Nov-14	24-Nov-14								
Pile Cap G1c - Rebar & Concreting	18	25-Nov-14	15-Dec-14								
Pile Cap G1c - Backfilling & Temp Reinstatement	6	16-Dec-14	22-Dec-14								
Pier H1c											
Pile Cap H1c - Preparation for ELS	6	02-Nov-15	07-Nov-15								
Pile Cap H1c - Removal of Existing ground slab	6	09-Nov-15	14-Nov-15								
Pile Cap H1c - Excavation & ELS Installation	12	16-Nov-15	28-Nov-15								
Pile Cap H1c - Blinding Concrete	3	30-Nov-15	02-Dec-15								
Pile Cap H1c - Rebar & Concreting	18	03-Dec-15	23-Dec-15								
Pile Cap H1c - Backfilling & Temp Reinstatement	6	24-Dec-15	02-Jan-16								
North Surface works for TBM Tunnelling											
Design Submission											
(D1) IFA for Temp. Access to Portion N8A, N8B & N8C incl. Temp. Lighting											
ICE Approval & Issue of Design Check Cert.	18	02-May-14	23-May-14								
Check Cert to SO	0		23-May-14								
No Objection or Further Minor Comments from IPs Received	0		23-May-14								
SO Review (35 Days)	35	02-May-14	05-Jun-14								
SO Approval with Condition Received	0		05-Jun-14								
North Approach TBM Tunnelling & Cross Passage											
Design Submission											
ETWB TCW No 15/2005 - Cross Passage Ground Treatment for TBM Tunnels in North Landfall											
Review Meeting with GEO - after AIP Approval	0	01-Apr-14									
1st Submission to GEO - ETWB TCW No 15/2005 - Cross Passage Ground Treatment for TBM Tunnels in North Landfall	0		04-Aug-14								
1st Submission GEO Review	28	04-Aug-14	31-Aug-14								
Received GEO Comment	0		01-Sep-14								
Prepare Response to Comment	12	01-Sep-14	15-Sep-14								
2nd Submission to GEO	0		15-Sep-14								
2nd GEO Review	28	16-Sep-14	13-Oct-14								
Received 2nd GEO Comment	0		13-Oct-14								
Prepare Respond to 2nd Comment	12	14-Oct-14	27-Oct-14								

Planned Bar

Planned Bar - Critical

Planned Milestone

Progress bar

Progress Milestone

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BOUYGUES TRAVELA FUNDIS

Date	Revision	Checked	Approved
12-Feb-14	TMCLKDBJGENPRG08507	WYu	SPs
08-Apr-14	TMCLKDBJGENPRG08507 Rev.B	SPs	WYu
28-Aug-14	TMCLKDBJGENPRG08507 Rev.C	CLa	WYu
10-Jan-15	TMCLKDBJGENPRG08507 Rev.F	WYu	

Activity Name	Orig Dur	DWPF Start	DWPF Finish	2015					2016				
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
3rd Submission to GEO	0		27-Oct-14										
3rd GEO Review	28	28-Oct-14	24-Nov-14										
Construction													
Northern Landfall Surface Setup for TBM operation													
Gantry Setup at North Ventilation Shaft	48	08-Oct-15	04-Dec-15										
Gantry Removal at North Ventilation Shaft	24	02-Jan-16	29-Jan-16										
North Approach TBM Tunnel - NB ID15.60m - S880													
NB - North TBM Tunnel - Transition with Saturation (Ch6840 to 6708 - 132m)	75	08-Sep-15	22-Nov-15										
NB - North TBM Tunnel - Transition with Saturation (Ch6708 to 6688 - 20m)	6	22-Nov-15	28-Nov-15										
NB - North TBM Tunnel - Transition with Saturation (Ch6688 to 6640 - 48m)	14	28-Nov-15	12-Dec-15										
NB - North TBM Tunnel - CDG+Boulder with Saturation (Ch6640 to 6600 - 40m)	8	12-Dec-15	20-Dec-15										
NB - North TBM Tunnel - CDG with Saturation (Ch6600 to 6560 - 40m)	5	20-Dec-15	25-Dec-15										
NB - North TBM Tunnel - Thrust Frame Removal	12	19-Aug-15	02-Sep-15										
North Approach TBM Tunnel - SB ID12.40m - S882													
SB - North TBM Tunnel - Back-up Gnatry G3 & G4 Assembly	17	29-Jul-15	16-Aug-15										
SB - North TBM Tunnel - CDG with Trimix (Ch7021 to 6891 - 130m)	12	12-Sep-15	24-Sep-15										
SB - North TBM Tunnel - CDG+Boulder with Saturation (Ch6891 to 6861 - 30m)	9	24-Sep-15	03-Oct-15										
SB - North TBM Tunnel - Transition with Saturation (Ch6861 to 6729 - 132m)	63	03-Oct-15	05-Dec-15										
SB - North TBM Tunnel - Transition with Saturation (Ch6729 to 6709 - 20m)	5	05-Dec-15	10-Dec-15										
SB - North TBM Tunnel - Thrust Frame Removal	12	24-Sep-15	10-Oct-15										
SB - North TBM Tunnel - Transition with Saturation (Ch6709 to 6661 - 48m)	11	10-Dec-15	21-Dec-15										
SB - North TBM Tunnel - Transition with Saturation (Ch6661 to 6621 - 40m)	8	21-Dec-15	29-Dec-15										
SB - North TBM Tunnel - Transition with Saturation (Ch6621 to 6581 - 40m)	5	29-Dec-15	03-Jan-16										
North Approach Tunnel Internal Structure - NB													
NB - North TBM Tunnel - Invert Backfilling (Ch7175 to 6870 - 305m) Stage 1	87	10-Sep-15	06-Dec-15										
NB - North TBM Tunnel - Invert Backfilling (Ch6870 to 6688 - 182m) Stage 1	77	06-Dec-15	24-Feb-16										
NB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m) Stage 1	54	01-Apr-16	26-May-16										
NB - North TBM Tunnel - Preparation for Invert Gallery Installation	14	10-Sep-15	24-Sep-15										
NB - North TBM Tunnel - Invert Precast Gallery Installation (Ch7205 to 6870 - 335m)	96	24-Sep-15	29-Dec-15										
NB - North TBM Tunnel - Invert Precast Gallery Installation (Ch6870 to 6688 - 182m)	77	29-Dec-15	18-Mar-16										
NB - North TBM Tunnel - Invert Backfilling (Ch7205 to 7175 - 30m) Stage 2	9	15-Oct-15	24-Oct-15										
NB - North TBM Tunnel - Invert Backfilling (Ch7175 to 7125 - 50m) Stage 2	15	24-Oct-15	08-Nov-15										
NB - North TBM Tunnel - Invert Backfilling (Ch7125 to 7075 - 50m) Stage 2	15	08-Nov-15	23-Nov-15										
NB - North TBM Tunnel - Invert Backfilling (Ch7075 to 7025 - 50m) Stage 2	15	23-Nov-15	08-Dec-15										
NB - North TBM Tunnel - Invert Backfilling (Ch7025 to 6975 - 50m) Stage 2	14	08-Dec-15	22-Dec-15										
NB - North TBM Tunnel - Invert Backfilling (Ch6975 to 6925- 50m) Stage 2	14	22-Dec-15	05-Jan-16										
NB - North TBM Tunnel - Invert Backfilling (Ch6925 to 6870 - 55m) Stage 2	14	05-Jan-16	19-Jan-16										
NB - North TBM Tunnel - Invert Backfilling (Ch6870 to 6688 - 182m) Stage 2	77	19-Jan-16	11-Apr-16										
CP53 - Excavation & Lining completion	0		16-Mar-16										
North Approach Tunnel Internal Structure - SB													
SB - North TBM Tunnel - Invert Backfilling (Ch7205 to 7175 - 30m)	8	10-Oct-15	18-Oct-15										
SB - North TBM Tunnel - Invert Backfilling (Ch7175 to 7125 - 50m)	13	18-Oct-15	31-Oct-15										
SB - North TBM Tunnel - Invert Backfilling (Ch7125 to 7075 - 50m)	13	31-Oct-15	13-Nov-15										
SB - North TBM Tunnel - Invert Backfilling (Ch7075 to 7025 - 50m)	13	13-Nov-15	26-Nov-15										
SB - North TBM Tunnel - Invert Backfilling (Ch7025 to 6975 - 50m)	12	26-Nov-15	08-Dec-15										
SB - North TBM Tunnel - Invert Backfilling (Ch6975 to 6925- 50m)	12	08-Dec-15	20-Dec-15										
SB - North TBM Tunnel - Invert Backfilling (Ch6925 to 6870 - 55m)	12	20-Dec-15	01-Jan-16										
SB - North TBM Tunnel - Invert Backfilling (Ch6870 to 6688 - 182m)	77	01-Jan-16	21-Mar-16										
SB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 182m)	54	21-Mar-16	18-May-16										
North Approach Cross Passage													
CP55 - Traditional Method													
CP55 Platform Available from ML03 North Approach Tunnel Backfilling	0	24-Oct-15											
CP55 Platform Available from ML02 North Approach Tunnel Backfilling	0	31-Oct-15											
CP54 - Traditional Method													
CP54 Platform Available from ML03 North Approach Tunnel Backfilling	0	08-Dec-15											
CP54 Platform Available from ML02 North Approach Tunnel Backfilling	0	26-Nov-15											
CP53 - Pipe Jacking Method													
CP53 Platform Available from ML03 North Approach Tunnel Backfilling	0	05-Jan-16											
CP53 Platform Available from ML02 North Approach Tunnel Backfilling	0	21-Dec-15											
CP - Pipe Jacking TBM - Delivery, Assembly & Setup	23	05-Jan-16	01-Feb-16										
CP - Pipe Jacking Method - Break-in, Excavation & Lining Installation	9	01-Feb-16	10-Feb-16										
CP - Pipe Jacking Method - Break out & Pipe Jacking TBM Removal	10	10-Feb-16	20-Feb-16										
CP - Waterproofing, Finishing	21	20-Feb-16	16-Mar-16										
CP52 - Pipe Jacking Method													
CP52 Platform Available from ML03 North Approach Tunnel Backfilling	0	30-Jan-16											
CP52 Platform Available from ML02 North Approach Tunnel Backfilling	0	12-Jan-16											

Activity Name				Orig Dur	DWPF Start	DWPF Finish	2015			2016				
							Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
CP - Pipe Jacking TBM - Delivery, Assembly & Setup CP - Pipe Jacking Method - Break-in, Excavation & Lining Installation CP - Pipe Jacking Method - Break out & Pipe Jacking TBM Removal CP51 - Traditional Method CP51 Platform Available from ML02 North Approach Tunnel Backfilling CP50 - Pipe Jacking Method CP50 Platform Available from ML02 North Approach Tunnel Backfilling	CP - Pipe Jacking TBM - Delivery, Assembly & Setup	23	01-Feb-16	05-Mar-16										
	CP - Pipe Jacking Method - Break-in, Excavation & Lining Installation	9	05-Mar-16	14-Mar-16										
	CP - Pipe Jacking Method - Break out & Pipe Jacking TBM Removal	10	14-Mar-16	24-Mar-16										
	CP51 - Traditional Method													
	CP51 Platform Available from ML02 North Approach Tunnel Backfilling	0	10-Mar-16											
	CP50 - Pipe Jacking Method													
	CP50 Platform Available from ML02 North Approach Tunnel Backfilling	0	09-Apr-16											
	North Ventilation Building													
	Design Submission													
	(A10) ACABAS Submissions													
ACABAS Approval	28	16-Mar-14	12-Apr-14											
(A11) Submissons to Design Advisory Panel of ArchSD														
ArchSD's comment	30	10-Jun-14	09-Jul-14											
(I1) DDA for North Vent.Bldgs. GBP & Arch.Submission														
Designer to Reply RtC + Update Submission	21	28-Jul-14	20-Aug-14											
Submit Updated DDAto SO/ ICE/ IPs	0	21-Aug-14												
ICEApproval & Issue Check Cert	12	21-Aug-14	03-Sep-14											
Submit ICE Check Cert to SO	6	04-Sep-14	11-Sep-14											
IPs Review	28	21-Aug-14	17-Sep-14											
IP's No Objection Received	0		17-Sep-14											
SO's Review	35	21-Aug-14	24-Sep-14											
SO Approval with Condition Received	0		24-Sep-14											
(I1) DDA for North & South Vent.Bldg. ABWF works														
Preparation of DDANorth & SouthABWF	18	25-Sep-14	17-Oct-14											
Review & Comment by JV	24	18-Oct-14	14-Nov-14											
Designer prepare DDA	15	15-Nov-14	02-Dec-14											
(I2) DDA for North Vent.Bldgs.Structural Design incl.Vent.Connections														
IPs/ SO's Advance Comments/ ICE Comments	28	01-Nov-14	28-Nov-14											
Comments Received	0		28-Nov-14											
Designer to Reply RtC + Update Submission	21	29-Nov-14	23-Dec-14											
Submit Updated DDAto SO/ ICE/ IPs	0	24-Dec-14												
ICEApproval & Issue Check Cert	12	24-Dec-14	09-Jan-15											
Submit ICE Check Cert to SO	6	10-Jan-15	16-Jan-15											
IPs Review	28	24-Dec-14	20-Jan-15											
IP's No Objection Received	0		20-Jan-15											
SO's Review	35	24-Dec-14	27-Jan-15											
SO Approval with Condition Received	0		27-Jan-15											
(I3) DDA for North & South Vent.Bldgs. Service and E&M Provision														
Preparation of DDANth VB Service and E&MS Provision	18	12-Sep-14	04-Oct-14											
Review & Comment by JV	24	06-Oct-14	01-Nov-14											
Designer prepare DDA	15	03-Nov-14	19-Nov-14											
Formal Submission of DDAto ICE/ IPs	0		19-Nov-14											
Advanced Submission to SO	0		19-Nov-14											
IPs/ SO's Advance Comments/ ICE Comments	28	20-Nov-14	17-Dec-14											
Comments Received	0		17-Dec-14											
Designer to Reply RtC + Update Submission	21	18-Dec-14	14-Jan-15											
Submit Updated DDAto SO/ ICE/ IPs	0	15-Jan-15												
ICEApproval & Issue Check Cert	12	15-Jan-15	28-Jan-15											
Submit ICE Check Cert to SO	6	29-Jan-15	04-Feb-15											
IPs Review	28	15-Jan-15	11-Feb-15											
IP's No Objection Received	0		11-Feb-15											
SO's Review	35	15-Jan-15	18-Feb-15											
SO Approval with Condition Received	0		18-Feb-15											
(J2) Tower Crane Foundation for Ventilation Building														
ICEApproval & Issue Check Cert	12	17-Sep-15	02-Oct-15											
Submit ICE Check Cert to SO	6	03-Oct-15	09-Oct-15											
IPs Review	28	17-Sep-15	14-Oct-15											
IP's No Objection Received	0		14-Oct-15											
SO's Review	35	17-Sep-15	21-Oct-15											
SO Approval with Condition Received	0		22-Oct-15											
(C3) DDA for North Vent Shaft & Duct Permanent Structure														
Review & Comment by JV	18	28-Aug-14	18-Sep-14											
Designer prepare DDA	10	19-Sep-14	30-Sep-14											
Formal Submission of DDAto ICE/ IPs	0		30-Sep-14											
Advanced Submission to SO	0		30-Sep-14											
IPs/ SO's Advance Comments/ ICE Comments	28	01-Oct-14	28-Oct-14											
Comments Received	0		28-Oct-14											

Activity Name	Orig Dur	DWPF Start	DWPF Finish	2015			2016					
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Designer to Reply RtC + Update Submission	21	29-Oct-14	21-Nov-14									
Submit Updated DDAto SO/ ICE/ IPs	0	22-Nov-14										
ICEApproval & Issue Check Cert	12	22-Nov-14	05-Dec-14									
Submit ICE Check Cert to SO	6	06-Dec-14	12-Dec-14									
IPs Review	28	22-Nov-14	19-Dec-14									
IP's No Objection Received	0		19-Dec-14									
SO's Review	35	22-Nov-14	26-Dec-14									
SOApproval with Condition R received	0		27-Dec-14									
(D9) DDA Temporary support and dewatering measures for Vent Duct ELS design for Northern Landfall												
SO's Review	35	19-Aug-15	22-Sep-15	■								
SOApproval with Condition R received	0		22-Sep-15	◆								
ETWB TCW No 15/2005 - ELS design of ventilation duct and its connections with building and tunnel												
1st Submission GEO Review	28	02-Sep-15	29-Sep-15	■								
Received GEO Comment	0		29-Sep-15	◆								
Prepare Response to Comment	12	30-Sep-15	14-Oct-15	■								
2nd Submission to GEO	0		14-Oct-15	◆								
2nd GEO Review	28	15-Oct-15	11-Nov-15	■								
North Surface Roadworks, Utility & Drainage works												
Design Submission												
(A20) DDA for Traffic Sign, Road Marking, Street Furnitures, Sign Gantry & etc												
SO's Review	35	11-Dec-14	14-Jan-15									
SOApproval with Condition R received	0		14-Jan-15									
(C2) DDA for Sewerage, Drainage, Waterworks & Utility works for North Landfall												
IPs Review	28	08-Nov-14	05-Dec-14									
IP's No Objection Received	0		05-Dec-14									
SO's Review	35	08-Nov-14	12-Dec-14									
SOApproval with Condition R received	0		12-Dec-14									
Sub-sea Tunnel												
Sub-sea TBM Tunnelling												
Major Procurement												
S881 -												
S881 - 13.6m dia - TBM - Manufacturing - Cutterhead	257	18-Jul-14	03-Jun-15									
S881 - 13.6m dia - TBM - WorkshopAssembly	70	02-Feb-15	06-May-15									
S881 - 13.6m dia - TBM - WorkshopAcceptance Test	0		06-May-15									
S881 - 13.6m dia - TBM - Disassembly and Packing for Transport	16	07-May-15	26-May-15	■								
S881 - 13.6m dia - TBM - Delivery	20	27-May-15	15-Jun-15									
S881 - 13.6m dia - TBM - Arrival to site	0		15-Jun-15									
Precast Semgnet ID12.40 - Prodcution for Sub-sea TBM Tunnel												
ID12.40 TBM Segment Ring Fabrication - 12 rings per day	300	22-Nov-14	19-Dec-15	■								
Design Submission												
(B6) Risk Assessment of Submarine Cable - Tunnelling Works												
CLP Review (4 weeks)	28	17-Mar-15	13-Apr-15									
CLP Comment Received	0		13-Apr-15									
SO's ConditionApproval	35	12-Mar-15	15-Apr-15									
(G1) DDA for TBM Tunnel Lining Structural Design - Sub-sea tunnel												
Sub-sea TBM Tunnel Segment - Fabrication	265	06-Oct-14	29-Aug-15	■								
(G3) DDA for TBM Tunnel Internal Structures (Sub-sea)												
Sub-sea Tunnel - Precast Gallery Fabrication	244	22-Jan-15	21-Nov-15	■								
Construction												
Sub-sea TBM Tunnel - NB ID12.2m - S881												
NB TBM Change diameter at North Ventilation Shaft	87	30-Dec-15	01-Apr-16	■								
Sub-sea TBM Tunnel - SB ID12.2m - S882												
SB - S882 TBM Crossing within NVS Steel bell	7	03-Jan-16	10-Jan-16	■								
SB - Sub-sea TBM Tunnel - Transition with Saturation (Ch6543 to 6521 - 22m)	5	10-Jan-16	15-Jan-16	■								
SB - Sub-sea TBM Tunnel - Transition with Saturation (Ch6521 to 6451 - 70m)	15	15-Jan-16	30-Jan-16	■								
SB - Sub-sea TBM Tunnel - Transition with Saturation (Ch6451 to 6371 - 80m)	17	30-Jan-16	19-Feb-16	■								
SB - Sub-sea TBM Tunnel - Transition with Saturation (Ch6371 to 6321 - 50m)	10	19-Feb-16	29-Feb-16	■								
SB - Sub-sea TBM Tunnel - CDG+Boulder with Saturation (Ch6321 to 6281 - 40m)	5	29-Feb-16	05-Mar-16	■								
SB - Sub-sea TBM Tunnel - Steel Bell dismantling & Reconnect for NVS supply	27	05-Mar-16	04-Apr-16	■								
Sub-sea TBM Tunnel - SB - Precast Invert Gallery												
SB - ISIG Assembly for Sub-seaTBM Tunnel	7	15-Jan-16	22-Jan-16	■								
Sub-sea Tunnel Cross Passage & Internal Structure												
Design Submission												
(G4) DDA for Cross Passage - Permanent works - incl. Geotechnical Assessment - Sub-sea tunnel												
Review & Comment by JV	6	01-Dec-14	06-Dec-14									
Designer prepare DDA	12	08-Dec-14	20-Dec-14									
Formal Submission of DDAto ICE/ IPs	0		20-Dec-14									
Advanced Submission to SO	0		20-Dec-14									
IPs/ SO's Advance Comments/ ICE Comments	28	21-Dec-14	17-Jan-15									

Activity Name				Orig Dur	DWPF Start	DWPF Finish	2015					2016				
								Oct	Nov	Dec		Jan	Feb	Mar	Apr	May
Comments Received				0		17-Jan-15										
Designer to Reply RtC + Update Submission				21	19-Jan-15	11-Feb-15										
Submit Updated DDAto SO/ ICE/ IPs				0	12-Feb-15											
ICEApproval & Issue Check Cert				12	12-Feb-15	04-Mar-15										
IPs Review				28	12-Feb-15	11-Mar-15										
SO's Review				35	12-Feb-15	18-Mar-15										
ETWB TCW No 15/2005 - Cross Passage Ground Treatment for Sub-sea TBM Tunnel																
1st Submission to GEO - ETWB TCW No 15/2005 - Cross Passage Ground Treatment for Sub-sea TBM Tunnel				0		13-Jul-15	CW No 15/2005 - Cross Passage Ground Treatment for Sub-sea TBM Tunnel									
1st Submission GEO Review				28	14-Jul-15	10-Aug-15	O Review									
Received GEO Comment				0		10-Aug-15	nmerit									
Prepare Response to Comment				12	11-Aug-15	24-Aug-15	sponse to Comment									
2nd Submission to GEO				0		24-Aug-15	sion to GEO									
2nd GEO Review				28	25-Aug-15	21-Sep-15	2nd GEO Review									
Received 2nd GEO Comment				0		21-Sep-15	Received 2nd GEO Comment									
Prepare Respond to 2nd Comment				12	22-Sep-15	07-Oct-15	Prepare Respond to 2nd Comment									
3rd Submission to GEO				0		07-Oct-15	3rd Submission to GEO									
3rd GEO Review				28	08-Oct-15	04-Nov-15	3rd GEO Review									
Southern Landfall																
South Cut & Cover Tunnel																
Design Submission																
(E2) DDA for South C&C Box & Approach Ramp																
Review & Comment by JV				18	09-Dec-14	31-Dec-14										
Designer prepare DDA				10	02-Jan-15	13-Jan-15										
Formal Submission of DDAto ICE/ IPs				0		13-Jan-15										
Advanced Submission to SO				0		13-Jan-15										
IPs/ SO's Advance Comments/ ICE Comments				28	14-Jan-15	10-Feb-15										
Comments Received				0		10-Feb-15										
Designer to Reply RtC + Update Submission				21	11-Feb-15	13-Mar-15										
Submit Updated DDAto SO/ ICE/ IPs				0	14-Mar-15											
ICEApproval & Issue Check Cert				18	14-Mar-15	08-Apr-15										
IPs Review				28	14-Mar-15	10-Apr-15										
SO's Review				35	14-Mar-15	17-Apr-15										
(F3) AIP Temp.Support for South.C&C, Portal & ELS																
IPs Review				28	10-Jan-15	06-Feb-15										
IP's No Objection Received				0		06-Feb-15										
SO's Review				35	10-Jan-15	13-Feb-15										
SO Approval with Condition Received				0		13-Feb-15										
(F3) DDA Temp.Support for South.C&C, Portal & ELS																
Preparation of DDASouth C&C ELS				18	01-Apr-15	25-Apr-15										
Review & Comment by JV				18	27-Apr-15	18-May-15										
Designer prepare DDA				10	19-May-15	30-May-15										
Formal Submission of DDAto ICE/ IPs				0		30-May-15										
Advanced Submission to SO				0		30-May-15										
IPs/ SO's Advance Comments/ ICE Comments				28	31-May-15	27-Jun-15	ents									
Comments Received				0		27-Jun-15										
Designer to Reply RtC + Update Submission				21	29-Jun-15	23-Jul-15	ate Submission									
Submit Updated DDAto SO/ ICE/ IPs				0	24-Jul-15		ICE/ IPs									
ICEApproval & Issue Check Cert				12	24-Jul-15	06-Aug-15	Check Cert									
Submit ICE Check Cert to SO				6	07-Aug-15	13-Aug-15	k Cert to SO									
IPs Review				28	24-Jul-15	20-Aug-15										
IP's No Objection Received				0		20-Aug-15	ion Received									
SO's Review				35	24-Jul-15	27-Aug-15	aw									
SO Approval with Condition Received				0		27-Aug-15	al with Condition Received									
Method Statement Submission																
Method Statement of Construction Methodology of C&C Tunnels																
Preparation Method Statement for C&C Tunnels				25	28-Mar-15	30-Apr-15										
Submit Method Statement to SO				0		30-Apr-15										
SO Reviews & Comments				28	01-May-15	28-May-15										
Re-submission				18	29-May-15	18-Jun-15										
SO's Review				28	19-Jun-15	16-Jul-15										
Construction																
South C&C Tunnel - Diaphragm Wall				120	03-Oct-15	02-Mar-16	South C&C Tunnel - Diaphragm Wall									
C&C Tunnel - 1st 85m - Excavation by ramp				23	03-Mar-16	01-Apr-16	C&C Tunnel - 1st 85m									
South Retrieval Shaft																
Design Submission																
(A5) Ground Investigation Report - Phase 3 - Southern Landfall																
Prepare Re-submission				10	23-Jun-15	04-Jul-15										

Activity Name	Orig Dur	DWPF Start	DWPF Finish	2015			2016					
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
*2nd Submission	0		04-Jul-15									
SO's Condition Approval	35	05-Jul-15	08-Aug-15	Approval								
(B5) AIP Construction Risk Assessment - Impact on South Landfall												
SO's Condition Approval	35	27-Jan-15	02-Mar-15									
(B5) DDA Construction Risk Assessment - Impact on South Landfall												
Preparation of Construction Risk Assessment - Impact on South Landfall	36	03-Mar-15	17-Apr-15									
1st Submission	0		17-Apr-15									
SO's Comments for 1st Submission	35	18-Apr-15	22-May-15									
Prepare Re-submission	10	23-May-15	04-Jun-15									
2nd Submission	0		04-Jun-15									
ICE Cert. Issue	6	05-Jun-15	11-Jun-15									
SO's Condition Approval	35	05-Jun-15	09-Jul-15									
(F1) AIP Temp.works - Retrieval Shaft on Southern Landfall inc. break-out												
SO Review (35 Days)	35	17-Dec-14	20-Jan-15									
SO Approval with Condition R received	0		20-Jan-15									
(F1) DDA Temp.works - Retrieval Shaft on Southern Landfall inc. break-out												
Preparation of DDA Temp Support for Sth Retrieval Shaft	18	01-Apr-15	25-Apr-15									
Review & Comment by JV	18	27-Apr-15	18-May-15									
Designer prepare DDA	6	19-May-15	26-May-15									
Formal Submission of DDA to ICE/ IPs	0		26-May-15									
Advanced Submission to SO	0		26-May-15									
IPs/ SO's Advance Comments/ ICE Comments	28	27-May-15	23-Jun-15	Comments								
Comments Received	0		23-Jun-15									
Designer to Reply RTC + Update Submission	21	24-Jun-15	18-Jul-15	Update Submission								
Submit Updated DDA to SO/ ICE/ IPs	0	20-Jul-15		ICE/ IPs								
ICE Approval & Issue Check Cert	12	20-Jul-15	01-Aug-15	Check Cert								
Submit ICE Check Cert to SO	6	03-Aug-15	08-Aug-15	Cert to SO								
IPs Review	28	20-Jul-15	16-Aug-15									
IP's No Objection Received	0		16-Aug-15	n Received								
SO's Review	35	20-Jul-15	23-Aug-15	Review								
SO Approval with Condition R received	0		24-Aug-15	Approval with Condition R received								
(F2) AIP Temp works of Ground Treatment for TBMs passing under Southern Landfall												
Review & Comment by JV	18	23-Sep-14	15-Oct-14									
Designer Prepare AIP	12	16-Oct-14	29-Oct-14									
Formal Submission of AIP to ICE/ IPs	0		29-Oct-14									
Advanced Submission of AIP to SO	0		29-Oct-14									
Review & Comment by SO/ ICE/ IPs	28	30-Oct-14	26-Nov-14									
Advance Commants from SO/ Comments from ICE/ IPs Received	0		26-Nov-14									
Designer to Prepare RTC & Updated AIP	18	27-Nov-14	17-Dec-14									
Submisson of AIP to SO/ ICE together with Reply To Comment (RTC)	0		17-Dec-14									
Reply to IPs Comments in RTC	0		17-Dec-14									
ICE Approval & Issue of Design Check Cert.	18	18-Dec-14	10-Jan-15									
Check Cert to SO	0		10-Jan-15									
No Objection or Further Minor Comments from IPs Received	0		10-Jan-15									
SO Review (35 Days)	35	19-Dec-14	22-Jan-15									
SO Approval with Condition R received	0		22-Jan-15									
(F2) DDA Temp works of Ground Treatment for TBMs passing under Southern Landfall												
Review & Comment by JV	18	27-Apr-15	18-May-15									
Designer prepare DDA	6	19-May-15	26-May-15									
Formal Submission of DDA to ICE/ IPs	0		26-May-15									
Advanced Submission to SO	0		26-May-15									
IPs/ SO's Advance Comments/ ICE Comments	28	27-May-15	23-Jun-15	Comments								
Comments Received	0		23-Jun-15									
Designer to Reply RTC + Update Submission	21	24-Jun-15	18-Jul-15	Update Submission								
Submit Updated DDA to SO/ ICE/ IPs	0	20-Jul-15		ICE/ IPs								
ICE Approval & Issue Check Cert	12	20-Jul-15	01-Aug-15	Check Cert								
Submit ICE Check Cert to SO	6	03-Aug-15	08-Aug-15	Cert to SO								
IPs Review	28	20-Jul-15	16-Aug-15									
IP's No Objection Received	0		16-Aug-15	n Received								
SO's Review	35	20-Jul-15	23-Aug-15	Review								
SO Approval with Condition R received	0		24-Aug-15	Approval with Condition R received								
(F4) Gantry Crane Support/Foundations in Southern Landfall												
Preparation of IFA Gantry Crane / Foundation	18	27-Jul-15	15-Aug-15	IFA Gantry Crane / Foundation								
Review & Comment by JV	18	17-Aug-15	05-Sep-15	Review & Comment by JV								
Designer prepare IFA	10	07-Sep-15	17-Sep-15	Designer prepare IFA								

Activity Name	Orig Dur	DWPF Start	DWPF Finish	2015					2016				
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
Formal Submission of IFA to ICE/ IPs	0		17-Sep-15	Formal Submission of IFA to ICE/ IPs									
Advanced Submission to SO	0		17-Sep-15	Advanced Submission to SO									
IPs/ SO's Advance Comments/ ICE Comments	28	18-Sep-15	15-Oct-15	IPs/ SO's Advance Comments/ ICE Comments									
Comments Received	0		15-Oct-15	Comments Received									
Designer to Reply RtC + Update Submission	21	16-Oct-15	10-Nov-15	Designer to Reply RtC + Update Submission									
Submit Updated IFA to SO/ ICE/ IPs	0	11-Nov-15		Submit Updated IFA to SO/ ICE/ IPs									
ICE Approval & Issue Check Cert	12	11-Nov-15	24-Nov-15	ICE Approval & Issue Check Cert									
IPs Review	28	11-Nov-15	08-Dec-15	IPs Review									
IP's No Objection Received	0		08-Dec-15	IP's No Objection Received									
SO's Review	35	11-Nov-15	15-Dec-15	SO's Review									
SO Approval with Condition Received	0		15-Dec-15	SO Approval with Condition Received									
Method Statement Submission													
Method Statement of Construction Methodology of Retrieval Shaft													
Preparation Method Statement for Retrieval Shaft	25	24-Aug-15	21-Sep-15	Preparation Method Statement for Retrieval Shaft									
Submit Method Statement to SO	0		21-Sep-15	Submit Method Statement to SO									
SO Reviews & Comments	28	22-Sep-15	19-Oct-15	SO Reviews & Comments									
Re-submission	18	20-Oct-15	10-Nov-15	Re-submission									
SO's Review	28	11-Nov-15	08-Dec-15	SO's Review									
SO's Approval	0		08-Dec-15	SO's Approval									
Construction													
South Landfall GI Works/DW Setting Up	48	06-Aug-15	02-Oct-15	South Landfall GI Works/DW Setting Up									
South Retrieval Shaft - Diaphragm Wall	98	03-Oct-15	29-Jan-16	South Retrieval Shaft - Diaphragm Wall									
Retrieval Shaft - Excavation - Soft by ramp	3	30-Jan-16	02-Feb-16	Retrieval Shaft - Excavation - Soft by ramp									
Retrieval Shaft - Excavation - Soft by vertical mean (Fill material)	52	03-Feb-16	14-Apr-16	Retrieval Shaft - Excavation - Soft by vertical mean (Fill material)									
South Approach Ramp													
Construction													
Approach Ramp (CH1580-1850) - Pipe Pile/Sheet Piles Wall	126	03-Oct-15	09-Mar-16	Approach Ramp (CH1580-1850) - Pipe Pile/Sheet Piles Wall									
Approach Ramp (CH1580-1850) - Tension Piles	103	03-Oct-15	04-Feb-16	Approach Ramp (CH1580-1850) - Tension Piles									
Approach Ramp (CH1580-1850) - Pile Test	24	05-Feb-16	10-Mar-16	Approach Ramp (CH1580-1850) - Pile Test									
South Ventilation Building													
Design Submission													
(I1) DDA for South Vent.Bldg. GBP & Arch.Submission													
Designer to Reply RtC + Update Submission	21	27-Nov-14	20-Dec-14	Designer to Reply RtC + Update Submission									
Submit Updated DDA to SO/ ICE/ IPs	0	22-Dec-14		Submit Updated DDA to SO/ ICE/ IPs									
ICE Approval & Issue Check Cert	18	22-Dec-14	14-Jan-15	ICE Approval & Issue Check Cert									
Submit ICE Check Cert to SO	6	15-Jan-15	21-Jan-15	Submit ICE Check Cert to SO									
IPs Review	28	22-Dec-14	18-Jan-15	IPs Review									
IP's No Objection Received	0		18-Jan-15	IP's No Objection Received									
SO's Review	35	22-Dec-14	25-Jan-15	SO's Review									
SO Approval with Condition Received	0		26-Jan-15	SO Approval with Condition Received									
(I2) DDA for South Vent.Bldg. Foundation Design													
Review & Comment by JV	18	27-Apr-15	18-May-15	Review & Comment by JV									
Designer prepare DDA	10	19-May-15	30-May-15	Designer prepare DDA									
Formal Submission of DDA to ICE/ IPs	0		30-May-15	Formal Submission of DDA to ICE/ IPs									
Advanced Submission to SO	0		30-May-15	Advanced Submission to SO									
IPs/ SO's Advance Comments/ ICE Comments	28	31-May-15	27-Jun-15	IPs/ SO's Advance Comments/ ICE Comments									
Comments Received	0		27-Jun-15	Comments Received									
Designer to Reply RtC + Update Submission	21	29-Jun-15	23-Jul-15	Designer to Reply RtC + Update Submission									
Submit Updated DDA to SO/ ICE/ IPs	0	24-Jul-15		Submit Updated DDA to SO/ ICE/ IPs									
ICE Approval & Issue Check Cert	18	24-Jul-15	13-Aug-15	ICE Approval & Issue Check Cert									
IPs Review	28	24-Jul-15	20-Aug-15	IPs Review									
SO's Review	35	24-Jul-15	27-Aug-15	SO's Review									
(I2) DDA for South Vent.Bldg.Structural Design incl.Vent.Connections													
Review & Comment by JV	18	18-Feb-15	17-Mar-15	Review & Comment by JV									
Designer prepare DDA	10	18-Mar-15	28-Mar-15	Designer prepare DDA									
Formal Submission of DDA to ICE/ IPs	0		28-Mar-15	Formal Submission of DDA to ICE/ IPs									
Advanced Submission to SO	0		28-Mar-15	Advanced Submission to SO									
IPs/ SO's Advance Comments/ ICE Comments	28	29-Mar-15	25-Apr-15	IPs/ SO's Advance Comments/ ICE Comments									
Comments Received	0		25-Apr-15	Comments Received									
Designer to Reply RtC + Update Submission	21	27-Apr-15	21-May-15	Designer to Reply RtC + Update Submission									
(J1) DDA Temp.works for Construction of Sth.Vent.Bldg.													
Designer to Reply RtC + Update Submission	21	24-Aug-15	16-Sep-15	Designer to Reply RtC + Update Submission									
Submit Updated DDA to SO/ ICE/ IPs	0	17-Sep-15		Submit Updated DDA to SO/ ICE/ IPs									
ICE Approval & Issue Check Cert	12	17-Sep-15	02-Oct-15	ICE Approval & Issue Check Cert									
Submit ICE Check Cert to SO	6	03-Oct-15	09-Oct-15	Submit ICE Check Cert to SO									
IPs Review	28	17-Sep-15	14-Oct-15	IPs Review									

Planned Bar

Planned Bar - Critical

Planned Milestone

Progress bar

Progress Milestone

香港寶嘉

Dragages HongKong

A member of the Bouygues Construction group

Dragages - Bouygues Joint Venture 寶嘉 - 布依格聯營

BOUYGUES TRAVIAX FUNDIS

Date	Revision	Checked	Approved
12-Feb-14	TMCLKDBJGENPRG08507	WYu	SPs
08-Apr-14	TMCLKDBJGENPRG08507 Rev.B	SPs	WYu
28-Aug-14	TMCLKDBJGENPRG08507 Rev.C	CLa	WYu
10-Jun-15	TMCLKDBJGENPRG08507 Rev.F	WYu	

Activity Name				Orig Dur	DWPF Start	DWPF Finish	2015					2016				
								Oct	Nov	Dec		Jan	Feb	Mar	Apr	May
IP's No Objection Received				0		14-Oct-15	◆ IP's No Objection Received									
SO's Review				35	17-Sep-15	21-Oct-15	■ SO's Review									
SO Approval with Condition Received				0		22-Oct-15	◆ SO Approval with Condition Received									
Construction																
Mobilization & Setting Up Piling Rigs				64	06-Aug-15	22-Oct-15	■ Mobilization & Setting Up Piling Rigs									
S - Piling (Socket H-piles)				132	23-Oct-15	08-Apr-16	■ S - Piling (Socket H-piles)									
S -Sheet Piling				48	23-Oct-15	17-Dec-15	■ S -Sheet Piling									
South Surface Roadworks, Utility & Drainage works																
Design Submission																
(E1) AIP - Southern Landfall Seawall Modification																
Review & Comment by SO/ ICE/ IPs				28	13-Jan-17	09-Feb-17										
Advance Commants from SO/ Comments from ICE/ IPs Received				0		09-Feb-17										
Designer to Prepare RtC & Updated AIP				18	10-Feb-17	02-Mar-17										
Submisson of AIP to SO/ ICE together with Reply To Comment (RTC)				0		02-Mar-17										
Reply to IPs Comments in RTC				0		02-Mar-17										
ICEApproval & Issue of Design Check Cert.				18	03-Mar-17	23-Mar-17										
Check Cert to SO				0		23-Mar-17										
No Objection or Further Minor Comments from IPs Received				0		23-Mar-17										
SO Review (35 Days)				35	03-Mar-17	06-Apr-17										
SO Approval with Condition Received				0		06-Apr-17										
(E1) DDA - Southern Landfall Seawall Modification																
Preparation of DDAModification of Seawall at Sth Landfall				18	07-Apr-17	02-May-17										
Review & Comment by JV				18	04-May-17	24-May-17										
Designer prepare DDA				10	25-May-17	06-Jun-17										
Formal Submission of DDAto ICE/ IPs				0		06-Jun-17										
Advanced Submission to SO				0		06-Jun-17										
IPs/ SO's Advance Comments/ ICE Comments				28	07-Jun-17	04-Jul-17										
(E3) DDA for Sewerage, Drainage, Waterworks & Utility works for South Landfall																
Designer to Reply RtC + Update Submission				21	02-Feb-15	04-Mar-15										
Submit Updated DDAto SO/ ICE/ IPs				0	05-Mar-15											
ICEApproval & Issue Check Cert				12	05-Mar-15	18-Mar-15										
Submit ICE Check Cert to SO				6	19-Mar-15	25-Mar-15										
IPs Review				28	05-Mar-15	01-Apr-15										
IP's No Objection Received				0		01-Apr-15										
SO's Review				35	05-Mar-15	08-Apr-15										
SO Approval with Condition Received				0		08-Apr-15										
Method Statement Submission																
Method Statement of Ground Treatment for TBMs Passing under Southern Landfall Seawall																
Preparation Method Statement for Ground Improvement in South Landfall				9	20-Jul-15	29-Jul-15	■ Preparation for Ground Improvement in South Landfall									
Submit Method Statement to SO				0		29-Jul-15	■ Submit Method Statement to SO									
SO Reviews & Comments				28	30-Jul-15	26-Aug-15	■ Reviews & Comments									
Re-submission				6	27-Aug-15	02-Sep-15	■ Re-submission									
SO's Review				28	03-Sep-15	30-Sep-15	■ SO's Review									
SO's Approval				0		30-Sep-15	◆ SO's Approval									
Construction																
Temporary Platform for Ground Treatment for TBM passing under Southern Seawall				48	06-Aug-15	02-Oct-15	■ Temporary Platform for Ground Treatment for TBM passing under Southern Seawall									
Grouting Treatment for TBM passing under Southern Seawall				339	03-Oct-15	25-Nov-16	■ Grouting Treatment for TBM passing under Southern Seawall									
Testing & Commissioning/Inspection & Handover																
Final Inspection & Handover																
Design Submission																
(A12) Maintenance Matrix																
Preparation of Maintenance Matrix				35	24-Dec-15	05-Feb-16	■ Preparation of Maintenance Matrix									
1st Submission				0		05-Feb-16	◆ 1st Submission									
SO's Comments for 1st Submission				35	06-Feb-16	11-Mar-16	■ SO's Comments for 1st Submission									
Prepare Re-submission				18	12-Mar-16	06-Apr-16	■ Prepare Re-submission									
(A13) Operation & Maintenance Manual																
Preparation of Operation and Maintenance Manual				48	24-Dec-15	27-Feb-16	■ Preparation of Operation and Maintenance Manual									
1st Submission				0		27-Feb-16	◆ 1st Submission									
SO's Comments for 1st Submission				35	28-Feb-16	02-Apr-16	■ SO's Comments for 1st Submission									
(A14) As-built & As-fabricated Drawings																
Preparation of As-built and As-fabricated Drawings				48	24-Dec-15	27-Feb-16	■ Preparation of As-built and As-fabricated Drawings									
1st Submission				0		27-Feb-16	◆ 1st Submission									
SO's Comments for 1st Submission				35	28-Feb-16	02-Apr-16	■ SO's Comments for 1st Submission									
(A15) Health & Safety File incl.As-built Dwgs & Records,Maintenance Schedules,O&M Manual																
Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, operation and mai				48	24-Dec-15	27-Feb-16	■ Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, operation and mai									
1st Submission				0		27-Feb-16	◆ 1st Submission									
SO's Comments for 1st Submission				35	28-Feb-16	02-Apr-16	■ SO's Comments for 1st Submission									