

Activity Name					Orig Dur	DWPF Start	DWPF Finish	% Comp	2016									
									May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
TMCLK - Northern Connection Sub-Sea Tunnel Section																		
Contract Dates																		
Site Possession Date																		
Portions: X1,(N10,11,13 & 14) - Sth Landfall					0	06-Aug-15		0%										
Handover Date																		
Portions: N8A, N8B(above +3), N8C					0		03-Dec-15	0%										
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	0%										
Sediment Quality Report/Dumping Permit																		
Southern Landfall																		
Southern landfall - Commencement of Shaft & C&C Tunnel Dwall					0	03-Oct-15		0%										
Sediment Sampling & Testing Plan (SSTP) - if required																		
Complete SSTP and Obtain EPD's approval					24	17-Feb-15	23-Mar-15	50%										
Sediment Quality Report (SQR) - if required																		
Advance Ground Investigation works for Sediment sampling					24	24-Mar-15	24-Apr-15	90%										
Sediment Sample Testing & Report preparation					120	25-Apr-15	16-Sep-15	0%										
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	0%										
Notify the results and issue Loading Permit for Local & Cross Boundary Crossing - for Dwall					24	17-Feb-15	23-Mar-15	0%										
General Design Submissions																		
(G6) IFA for Tunnel GBP																		
SO's Review					35	29-Apr-14	02-Jun-14	94%										
SO Approval with Condition Received					0		03-Jun-14	0%										
PAYMENT MILESTONE																		
Design and Design Checking of the Works																		
MS 2.20.3 Approve DDA for Cross Passages by the Supervising Officer by the Supervising Officer					0		31-Mar-15	100%										
MS 2.32 Approve DDA for Approach Ramp Structures to Cut-and-cover Tunnels by the Supervising Officer					0		30-Apr-15	0%										
MS 2.44 Approve DDA for South Ventilation Building by the Supervising Officer					0		30-Jun-15	0%										
MS 2.48 Approve DDA for North Ventilation Building by the Supervising Officer					0		31-Jan-15	0%										
MS 2.51 Submit DDA for Facilities Provision for TCSS					0		29-Nov-14	0%										
MS 2.52 Approve DDA for Facilities Provision for TCSS by the Supervising Officer					0		28-Feb-15	0%										
MS 2.56 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Southern Landfall by the Supervi					0		30-Apr-15	0%										
MS 2.60 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Northern Landfall by the Supervi					0		31-Dec-14	0%										
MS 2.69 Submit draft Operation and Maintenance Manual for all Tunnels and Cross Passgaes					0		29-Feb-16	0%										
MS 2.70 Accept Operation and Maintenance Manual for all Tunnels and Cross Passgaes by the Supervising					0		30-Jun-16	0%										
MS 2.71 Submit draft Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes					0		29-Feb-16	0%										
MS 2.72 Accept Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes by the					0		30-Jun-16	0%										
TBM Tunnel																		
MS 3.3.4 Complete walls of retrieval shaft					0		30-Jan-16	100%										
MS 3.3.7 Completion of excavation, support and permanent lining for 1% of the total length (measured on pla					0		31-Dec-15	100%										
MS 3.3.8 Completion of excavation, support and permanent lining for 2% of the total length (measured on pla					0		31-Dec-15	100%										
MS 3.3.9 Completion of excavation, support and permanent lining for 3% of the total length (measured on pla					0		31-Dec-15	100%										
MS 3.3.10 Completion of excavation, support and permanent lining for 4% of the total length (measured on pl					0		30-Jan-16	100%										
MS 3.3.11 Completion of excavation, support and permanent lining for 5% of the total length (measured on pl					0		30-Jan-16	100%										
MS 3.3.12 Completion of excavation, support and permanent lining for 6% of the total length (measured on pl					0		30-Jan-16	100%										
MS 3.3.13 Completion of excavation, support and permanent lining for 7% of the total length (measured on pl					0		30-Jan-16	100%										
MS 3.3.14 Completion of excavation, support and permanent lining for 8% of the total length (measured on pl					0		29-Feb-16	100%										
MS 3.3.15 Completion of excavation, support and permanent lining for 9% of the total length (measured on pl					0		29-Feb-16	100%										
MS 3.3.16 Completion of excavation, support and permanent lining for 10% of the total length (measured on p					0		29-Feb-16	100%										
MS 3.3.17 Completion of excavation, support and permanent lining for 11% of the total length (measured on p					0		29-Feb-16	100%										
MS 3.3.18 Completion of excavation, support and permanent lining for 12% of the total length (measured on p					0		31-Mar-16	100%										
MS 3.3.19 Completion of excavation, support and permanent lining for 13% of the total length (measured on p					0		31-Mar-16	0%										
MS 3.3.20 Completion of excavation, support and permanent lining for 14% of the total length (measured on p					0		31-Mar-16	0%										
MS 3.3.21 Completion of excavation, support and permanent lining for 15% of the total length (measured on p					0		31-Mar-16	0%										
MS 3.3.22 Completion of excavation, support and permanent lining for 16% of the total length (measured on p					0		31-Mar-16	0%										
MS 3.3.23 Completion of excavation, support and permanent lining for 17% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.24 Completion of excavation, support and permanent lining for 18% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.25 Completion of excavation, support and permanent lining for 19% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.26 Completion of excavation, support and permanent lining for 20% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.27 Completion of excavation, support and permanent lining for 21% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.28 Completion of excavation, support and permanent lining for 22% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.29 Completion of excavation, support and permanent lining for 23% of the total length (measured on p					0		30-Apr-16	0%										
MS 3.3.30 Completion of excavation, support and permanent lining for 24% of the total length (measured on p					0		31-May-16	0%										
MS 3.3.3 1 Completion of excavation, support and permanent lining for 25% of the total length (measured on					0		31-May-16	0%										
MS 3.3.32 Completion of excavation, support and permanent lining for 27.5% of the total length (measured on					0		31-May-16	0%										
MS 3.3.33 Completion of excavation, support and permanent lining for 30% of the total length (measured on p					0		31-May-16	0%										
MS 3.3.34 Completion of excavation, support and permanent lining for 32.5% of the total length (measured on					0		30-Jun-16	0%										
MS 3.3.35 Completion of excavation, support and permanent lining for 35% of the total length (measured on p					0		30-Jun-16	0%										
MS 3.3.36 Completion of excavation, support and permanent lining for 37.5% of the total length (measured on					0		30-Jun-16	0%										
MS 3.3.37 Completion of excavation, support and permanent lining for 40% of the total length (measured on p					0		30-Jul-16	0%										
MS 3.3.38 Completion of excavation, support and permanent lining for 42.5% of the total length (measured on					0		30-Jul-16	0%										
MS 3.3.39 Completion of excavation, support and permanent lining for 45% of the total length (measured on p					0		30-Jul-16	0%										
MS 3.3.40 Completion of excavation, support and permanent lining for 47.5% of the total length (measured on					0		30-Jul-16	0%										
MS 3.3.41 Completion of excavation, support and permanent lining for 50% of the total length (measured on p					0		31-Aug-16	0%										
MS 3.3.42 Completion of excavation, support and permanent lining for 52.5% of the total length (measured on					0		31-Aug-16	0%										
MS 3.3.43 Completion of excavation, support and permanent lining for 55% of the total length (measured on p					0		31-Aug-16	0%										
MS 3.3.44 Completion of excavation, support and permanent lining for 57.5% of the total length (measured on					0		31-Aug-16	0%										
MS 3.3.45 Completion of excavation, support and permanent lining for 60% of the total length (measured on p					0		31-Aug-16	0%										
MS 3.3.46 Completion of excavation, support and permanent lining for 62.5% of the total length (measured on					0		30-Sep-16	0%										
Page 1 of 11					<div><div></div>Planned Bar</div> <div><div></div>Planned Bar - Critical</div> <div><div></div>Planned Milestone</div> <div><div></div>Progress bar</div> <div><div></div>Progress Milestone</div>		TMCLK - Northern Connection Sub-Sea Tunnel Section				Detailed Works Programme (Rev. F)				Three Months Rolling Programme			
Project ID: TMCLK DWPF 16W25																		
Data Date: 31-Aug-16																		





Activity Name	Orig Dur	DWPF Start	DWPF Finish	% Comp	2016							
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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	0%								
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	0%								
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	0%								
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	0%								
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	0%								
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	0%								
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	0%								
MS 5.1.15 Complete retaining wall foundation for 100% of the total length (measured on plan) of approach ramp structure	0		31-Mar-16	0%								
South Ventilation Buildings												
MS 7.1.1 Complete 100% of cofferdam for excavation	0		30-Sep-16	0%								
MS 7.1.2 Complete 100% of excavation to the formation level	0		30-Sep-16	0%								
MS 7.1.3 Complete 100% of foundation for the ventilation building	0		30-Apr-16	0%								
MS 7.1.4 Complete concreting works of 25% area of the total construction floor area for the ventilation building	0		31-Oct-16	0%								
North Ventilation Buildings												
MS 7.2.1 Complete 100% of cofferdam for excavation	0		31-May-16	0%								
MS 7.2.2 Complete 100% of excavation to the formation level	0		31-May-16	0%								
MS 7.2.4 Complete concreting works of 25% area of the total construction floor area for the ventilation building	0		30-Jul-16	0%								
MS 7.2.5 Complete concreting works of 50% area of the total construction floor area for the ventilation building	0		31-Oct-16	0%								
Facilities Provision for E&M Works for TBM Tunnel, Cut & Cover Tunnels and Cross Passages												
MS 9.1.1 Complete 25% of bonding terminal, opening and accessories, etc.	0		30-Sep-16	0%								
MS 9.1.2 Complete 25% of plinth, hoisting facilities and accessories, etc.	0		30-Sep-16	0%								

Construction

Northern Landfall

North Reclamation (Phase 1)

Construction

Zone B

Reclamation

Surcharge Removal - Zone B - (CH598 to 698) stage 1

Surcharge Period - Zone B - (CH648 to 698) stage 2

Box Culvert Extension

Construction

Ch000-010 Culvert Outfall

Installation of temporary bulk head

Removal of public fill at outfall area

Cut sheet pile wall below water level by diver

Removal of temporary seawall block

Preparation & pour blinding concrete base of box culvert outfall

Install precast culvert element by barge (5 nos.)

Concreting in-situ Top Slab and stich joint

Removal of temporary bulk head

CH000-150 Land Section

ELS & Structure

Pile A43/A41 CJ to Pile A41/A39 CJ

Box Culvert Structure

Pile cap construction

Base slab construction including kicker

Removal of strut S1

System formworks delivery & setup

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Pile A45/A43 CJ to Pile A43/A41 CJ

Box Culvert Structure

Pile cap construction

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Pile A47/A45 CJ to Pile A45/A43 CJ

Box Culvert Structure

Pile cap construction

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Pile A49/A47 CJ to Pile A47/A45 CJ

Box Culvert Structure

Pile cap construction

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Pile A52/A49 CJ to Pile A49/A47 CJ

Box Culvert Structure

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Preparation for Temp Access Road for N8 handvoer

Ch150-250 Marine Section
































ELS & Structure

Dewatering well installation Ch180-250

Dewatering well installation Ch100-180

1st Pumping test


Toe grouting Ch100-250

Activity Name					Orig Dur	DWPF Start	DWPF Finish	% Comp	2016								
									May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2nd Pumping test Ch100-250					29	02-Jan-16	04-Feb-16	0%									
Pile A41/A39 CJ to Pile A39/A37 CJ																	
ELS																	
Excavation to 0.5m below strut S2					4	05-Feb-16	16-Feb-16	0%	strut S1								
Installation of strut S2					6	17-Feb-16	23-Feb-16	0%									
Excavation to 0.5m below strut S1					5	24-Feb-16	29-Feb-16	0%									
Installation of strut S1					5	01-Mar-16	05-Mar-16	0%									
Excavation to FEL					5	07-Mar-16	11-Mar-16	0%									
Box Culvert Structure																	
Pile cap construction					10	18-Mar-16	01-Apr-16	0%	instruction								
Sliding formworks 1st assembly					18	27-Apr-16	19-May-16	0%		Sliding formworks 1st assembly							
Walls & top slab construction					6	20-May-16	26-May-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	03-Jun-16	10-Jun-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile A39/A37 CJ to Pile A37/A35 CJ																	
ELS																	
Excavation to 0.5m below strut S2					4	17-Feb-16	20-Feb-16	0%	strut S2								
Installation of strut S2					6	22-Feb-16	27-Feb-16	0%									
Excavation to 0.5m below strut S1					5	01-Mar-16	05-Mar-16	0%									
Installation of strut S1					5	07-Mar-16	11-Mar-16	0%									
Excavation to FEL					5	12-Mar-16	17-Mar-16	0%									
Box Culvert Structure																	
Removal of strut S1					4	29-Apr-16	04-May-16	0%		Removal of strut S1							
Walls & top slab construction					6	27-May-16	02-Jun-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	11-Jun-16	17-Jun-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile A37/A35 CJ to Pile A35/A33 CJ																	
ELS																	
Excavation to 0.5m below strut S2					4	22-Feb-16	25-Feb-16	0%	strut S2								
Installation of strut S2					6	26-Feb-16	03-Mar-16	0%									
Excavation to 0.5m below strut S1					5	07-Mar-16	11-Mar-16	0%									
Installation of strut S1					5	12-Mar-16	17-Mar-16	0%									
Excavation to FEL					5	18-Mar-16	23-Mar-16	0%									
Box Culvert Structure																	
Base slab construction including kicker					6	29-Apr-16	06-May-16	0%		Base slab construction including kicker							
Removal of strut S1					4	07-May-16	11-May-16	0%		Removal of strut S1							
Walls & top slab construction					6	03-Jun-16	10-Jun-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	18-Jun-16	24-Jun-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile A35/A33 CJ to Pile A33/P117 CJ																	
ELS																	
Excavation to 0.5m below strut S2					4	26-Feb-16	01-Mar-16	0%	strut S2								
Installation of strut S2					6	02-Mar-16	08-Mar-16	0%									
Excavation to 0.5m below strut S1					5	12-Mar-16	17-Mar-16	0%									
Installation of strut S1					5	18-Mar-16	23-Mar-16	0%									
Excavation to FEL					5	24-Mar-16	01-Apr-16	0%									
Box Culvert Structure																	
Pile cap construction					10	27-Apr-16	09-May-16	0%		Pile cap construction							
Base slab construction including kicker					6	10-May-16	17-May-16	0%		Base slab construction including kicker							
Removal of strut S1					4	18-May-16	21-May-16	0%		Removal of strut S1							
Walls & top slab construction					6	11-Jun-16	17-Jun-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	25-Jun-16	02-Jul-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile A33/P117 CJ to Pile P113/P109 CJ																	
ELS																	
Excavation to 0.5m below strut S1					9	09-Mar-16	18-Mar-16	0%	strut S1								
Installation of strut S1					5	19-Mar-16	24-Mar-16	0%									
Box Culvert Structure																	
Base slab construction including kicker					6	18-May-16	24-May-16	0%			Base slab construction including kicker						
Removal of strut S1					4	25-May-16	28-May-16	0%			Removal of strut S1						
Walls & top slab construction					6	18-Jun-16	24-Jun-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	04-Jul-16	09-Jul-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile P113/P109 CJ to Pile P105/P101 CJ																	
ELS																	
Excavation to 0.5m below strut S1					9	17-Mar-16	30-Mar-16	0%	strut S1								
Installation of strut S1					5	31-Mar-16	06-Apr-16	0%									
Box Culvert Structure																	
Base slab construction including kicker					6	25-May-16	31-May-16	0%			Base slab construction including kicker						
Removal of strut S1					4	01-Jun-16	04-Jun-16	0%			Removal of strut S1						
Walls & top slab construction					6	25-Jun-16	02-Jul-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	11-Jul-16	16-Jul-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile P105/P101 CJ to Pile P97/P93 CJ																	
ELS																	
Excavation to 0.5m below strut S1					9	29-Mar-16	08-Apr-16	0%	strut S1								
Box Culvert Structure																	
Base slab construction including kicker					6	01-Jun-16	07-Jun-16	0%			Base slab construction including kicker						
Removal of strut S1					4	08-Jun-16	13-Jun-16	0%			Removal of strut S1						
Walls & top slab construction					6	04-Jul-16	09-Jul-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	18-Jul-16	23-Jul-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile P97/P93 CJ to Pile P89/P85 CJ																	
ELS																	
Excavation to 0.5m below strut S1					9	07-Apr-16	16-Apr-16	0%	strut S1								
Box Culvert Structure																	
Base slab construction including kicker					6	08-Jun-16	15-Jun-16	0%			Base slab construction including kicker						
Removal of strut S1					4	16-Jun-16	20-Jun-16	0%			Removal of strut S1						
Walls & top slab construction					6	11-Jul-16	16-Jul-16	0%		Walls & top slab construction							
Removal of strut S2 & Backfilling up to required level					6	25-Jul-16	30-Jul-16	0%		Removal of strut S2 & Backfilling up to required level							
Pile P89/P85 CJ to Pile P81/P77 CJ																	


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Project ID: TMCLK DWPF 16W25


Data Date: 31-Aug-16




Planned Bar




Planned Bar - Critical



Planned Milestone



Progress bar




Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section

Detailed Works Programme (Rev. F)

Three Months Rolling Programme


Progress as of 31-Aug-16



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  
TRAVEL WORLD

Date	Revision	Cheded	Approved
12-Feb-14	TMCLKDBJGEN-PRG08507	WYu	SPo
08-Apr-14	TMCLKDBJGEN-PRG08507 Rev.B	SPa	WYu
28-Aug-14	TMCLKDBJGEN-PRG08507 Rev.C	CLa	WYu
30-Oct-15	TMCLKDBJGEN-PRG08507 Rev.F	WYu	

Activity Name

Orig Dur

DWPF Start

DWPF Finish

% Comp

ELS

Excavation to 0.5m below strut S1

Installation of strut S1

Excavation to FEL

Box Culvert Structure

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Pile P81/P77 CJ to Pile P73/P69 CJ

ELS

Excavation to 0.5m below strut S1

Installation of strut S1

Excavation to FEL

Box Culvert Structure

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Ch250-380 Marine Section

Installation of Dewatering & Observation Well Ch 250-380

1st Pumping Test & Analysis

Toe Grouting

2nd Pumping test & Analysis

Remaining toe grouting Ch250-380

Miscellaneous works

Inspection Manhole (IM)

Inspection Manhole IM-01 to IM-04 & backfilling to +6.0mPD

Inspection Manhole IM-05 to IM-08 & backfilling to +6.0mPD

Inspection Manhole IM-09 to IM-12 & backfilling to +6.0mPD

Stop Log Opening (SLO)

SLO-01 to SLO-05 & backfilling to +6.0mPD

Balance Hole (BH)

BH-01 to BH-03 & backfilling to +6.0mPD

BH-04 to BH-06 & backfilling to +6.0mPD

Desilting Opening (DO)

DO-01 to DO-04 & backfilling to +6.0mPD

North Launching Shaft

Design Submission

(C1) DDA for North C&C Tunnel Permanent Structure

SO's Review

SO Approval with Condition Received

(C1) DDA for North Approach Ramp Permanent Structure

IPs Review

IP's No Objection Received

SO's Review

SO Approval with Condition Received

North Ventilation Shaft

Construction

North Ventilation Shaft Structure

NVS - ML03 Tunnel Structure

NVS - ML02 Tunnel Structure

TMCLK VO-008 - Construction of Viaduct Foundations at Portion N6A

Viaduct Pile Cap

Construction

Pier G1c

Pile Cap G1c - Preparation for ELS

Pile Cap G1c - Removal of Existing ground slab

Pile Cap G1c - Excavation & ELS Installation

Pile Cap G1c - Blinding Concrete

Pile Cap G1c - Rebar & Concreting

Pile Cap G1c - Backfilling & Temp Reinstatement

Pier H1c

Pile Cap H1c - Preparation for ELS

Pile Cap H1c - Removal of Existing ground slab

Pile Cap H1c - Excavation & ELS Installation

North Approach TBM Tunnelling & Cross Passage

Construction

North Approach Tunnel Internal Structure - NB

NB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m) Stage 1

NB - North TBM Tunnel - Invert Precast Gallery Installation (Ch6870 to 6688 - 182m)

NB - North TBM Tunnel - Invert Precast Gallery Installation (Ch6688 to 6560 - 128m)

NB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m) Stage 2

CP55 - Excavation & Lining completion

CP54 - Excavation & Lining completion

CP52 - Excavation & Lining completion

CP50 - Excavation & Lining completion

NB - North TBM Tunnel - Corbel & Cable Trough installation

NB - North TBM Tunnel - OHVD Slab installation

NB - North TBM Tunnel - Fire proofing and Provision to E&MS and TCSS Contract for KD1

North Approach Tunnel Internal Structure - SB

SB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m)

SB - North TBM Tunnel - Corbel & Cable Trough installation

SB - North TBM Tunnel - OHVD Slab installation

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Excavation to 0.5m below strut S1

Installation of strut S1

Excavation to FEL

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Excavation to 0.5m below strut S1

Installation of strut S1

Excavation to FEL

Base slab construction including kicker

Removal of strut S1

Walls & top slab construction

Removal of strut S2 & Backfilling up to required level

Toe Grouting

2nd Pumping test & Analysis

Remaining toe grouting Ch250-380

Inspection Manhole IM-05 to IM-08 & backfilling to +6.0mPD

Inspection Manhole IM-09 to IM-12 & backfilling to +6.0mPD

BH-04 to BH-06 & backfilling to +6.0mPD

DO-01 to DO-04 & backfilling to +6.0mPD

NVS - ML03 Tunnel Structure

NVS - ML02 Tunnel Structure

NB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m) Stage 1

NB - North TBM Tunnel - Invert Precast Gallery Installation (Ch6870 to 6688 - 182m)

NB - North TBM Tunnel - Invert Precast Gallery Installation (Ch6688 to 6560 - 128m)

NB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m) Stage 2

CP55 - Excavation & Lining completion

CP54 - Excavation & Lining completion

CP52 - Excavation & Lining completion

CP50 - Excavation & Lining completion

NB - North TBM Tunnel - Corbel & Cable Trough installation

NB - North TBM Tunnel - OHVD Slab installation

NB - North TBM Tunnel - Fire proofing and Provision to E&MS and TCSS Contract for KD1

SB - North TBM Tunnel - Invert Backfilling (Ch6688 to 6560 - 128m)

SB - North TBM Tunnel - Corbel & Cable Trough installation

SB - North TBM Tunnel - OHVD Slab installation

Planned Bar

Planned Bar - Critical

Planned Milestone

Progress bar

Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section

Detailed Works Programme (Rev. F)

Three Months Rolling Programme

Progress as of 31-Aug-16

Dragages Hong Kong

Bouygues Travaux Publics

Date

Revision

Checked

Approved

12-Feb-14

TMCLKDBJEN/PRG98507

WYu

SPo

08-Apr-14

TMCLKDBJEN/PRG98507 Rev.B

SPa

WYu

28-Aug-14

TMCLKDBJEN/PRG98507 Rev.C

CLa

WYu

30-Oct-15

TMCLKDBJEN/PRG98507 Rev.F

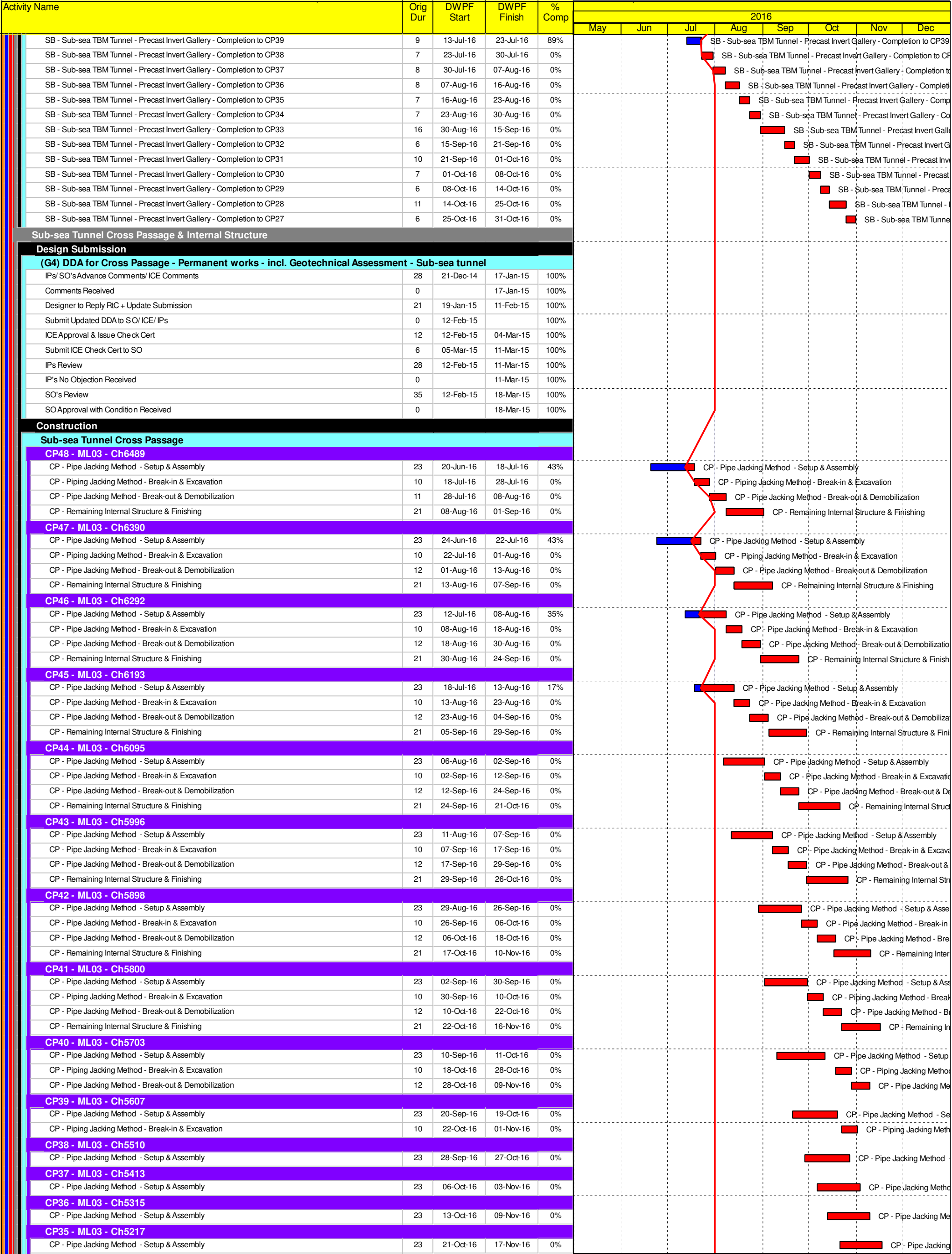
WYu



Activity Name						2016							
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North Approach Cross Passage													
CP55 - Traditional Method													
CP Setup	6	21-Mar-16	31-Mar-16	100%									
1st Segment Opening	7	31-Mar-16	09-Apr-16	100%									
CP Excavation	14	09-Apr-16	26-Apr-16	88%									
CP Lining	14	26-Apr-16	13-May-16	0%									
2nd Segment Opening	7	13-May-16	23-May-16	0%									
CP Finishing & Demobilization	18	23-May-16	14-Jun-16	0%									
CP54 - Traditional Method													
CP Setup	6	14-Jun-16	21-Jun-16	100%									
1st Segment Opening	7	21-Jun-16	29-Jun-16	100%									
CP Excavation	14	29-Jun-16	16-Jul-16	100%									
CP Lining	14	16-Jul-16	02-Aug-16	100%									
2nd Segment Opening	7	02-Aug-16	10-Aug-16	100%									
CP Finishing & Demobilization	18	10-Aug-16	31-Aug-16	100%									
CP53 - Pipe Jacking Method													
CP - Waterproofing, Finishing	21	20-Feb-16	16-Mar-16	40%									
CP52 - Pipe Jacking Method													
CP - Pipe Jacking TBM - Delivery, Assembly & Setup	23	01-Feb-16	05-Mar-16	100%									
CP - Pipe Jacking Method - Break-in, Excavation & Lining Installation	9	05-Mar-16	14-Mar-16	100%									
CP - Pipe Jacking Method - Break out & Pipe Jacking TBM Removal	10	14-Mar-16	24-Mar-16	100%									
CP Finishing & Demobilization	21	24-Mar-16	22-Apr-16	0%									
CP51 - Traditional Method													
CP Setup	6	31-Aug-16	07-Sep-16	100%									
1st Segment Opening	7	07-Sep-16	14-Sep-16	100%									
CP Excavation	14	14-Sep-16	28-Sep-16	100%									
CP Lining	14	28-Sep-16	12-Oct-16	100%									
2nd Segment Opening	7	12-Oct-16	19-Oct-16	100%									
CP Finishing & Demobilization	18	19-Oct-16	09-Nov-16	20%									
CP50 - Pipe Jacking Method													
CP50 Platform Available from ML03 North Approach Tunnel Backfilling	0	16-May-16		100%									
CP Setup	23	16-May-16	11-Jun-16	100%									
CP - Pipe Jacking Method - Break-in, Excavation & Lining Installation	9	12-Jun-16	21-Jun-16	100%									
CP - Pipe Jacking Method - Break out & Pipe Jacking TBM Removal	10	22-Jun-16	01-Jul-16	100%									
CP Finishing & Demobilization	21	02-Jul-16	26-Jul-16	0%									
North Ventilation Building													
Design Submission													
(A11) Submissions to Design Advisory Panel of ArchSD													
ArchSD's comment	30	10-Jun-14	09-Jul-14	93%									
(I1) DDA for North Vent.Bldgs. GBP & Arch.Submission													
IPs Review	28	21-Aug-14	17-Sep-14	92%									
IP's No Objection Received	0		17-Sep-14	0%									
SO's Review	35	21-Aug-14	24-Sep-14	94%									
SO Approval with Condition Received	0		24-Sep-14	0%									
(I1) DDA for North & South Vent.Bldg. ABWF works													
Preparation of DDANorth & SouthABWF	18	25-Sep-14	17-Oct-14	100%									
Review & Comment by JV	24	18-Oct-14	14-Nov-14	91%									
Designer prepare DDA	15	15-Nov-14	02-Dec-14	0%									
Formal Submission of DDA to ICE/ IPs	0		02-Dec-14	0%									
Advanced Submission to SO	0		02-Dec-14	0%									
IPs/ SO's Advance Comments/ ICE Comments	28	03-Dec-14	30-Dec-14	0%									
Comments Received	0		30-Dec-14	0%									
Designer to Reply RtC + Update Submission	21	31-Dec-14	24-Jan-15	0%									
Submit Updated DDA to SO/ ICE/ IPs	0	26-Jan-15		0%									
ICE Approval & Issue Check Cert	18	26-Jan-15	14-Feb-15	0%									
IPs Review	28	26-Jan-15	22-Feb-15	0%									
SO's Review	35	26-Jan-15	01-Mar-15	0%									
(I2) DDA for North Vent.Bldgs.Structural Design incl.Vent.Connections													
IPs Review	28	24-Dec-14	20-Jan-15	92%									
IP's No Objection Received	0		20-Jan-15	0%									
SO's Review	35	24-Dec-14	27-Jan-15	92%									
SO Approval with Condition Received	0		27-Jan-15	0%									
(I3) DDA for North & South Vent.Bldgs. Service and E&M Provision													
Designer to Reply RtC + Update Submission	21	18-Dec-14	14-Jan-15	100%									
Submit Updated DDA to SO/ ICE/ IPs	0	15-Jan-15		100%									
ICE Approval & Issue Check Cert	12	15-Jan-15	28-Jan-15	0%									
Submit ICE Check Cert to SO	6	29-Jan-15	04-Feb-15	0%									
IPs Review	28	15-Jan-15	11-Feb-15	92%									
IP's No Objection Received	0		11-Feb-15	0%									
SO's Review	35	15-Jan-15	18-Feb-15	91%									
SO Approval with Condition Received	0		18-Feb-15	0%									
(C3) DDA for North Vent Shaft & Duct Permanent Structure													
ICE Approval & Issue Check Cert	12	22-Nov-14	05-Dec-14	100%									
Construction													
Substructure	120	04-Jul-16	24-Nov-16	0%									
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	100%									
SO Approval with Condition Received	0		14-Jan-15	100%									
(C2) DDA for Sewerage, Drainage, Waterworks & Utility works for North Landfall													
IPs Review	28	08-Nov-14	05-Dec-14	92%									
IP's No Objection Received	0		05-Dec-14	0%									









Activity Name					Orig Dur	DWPF Start	DWPF Finish	% Comp	2016																											
									May	Jun	Jul	Aug	Sep	Oct	Nov	Dec																				
CP34 - ML03 - Ch5118																																				
CP - Pipe Jacking Method - Setup & Assembly					23	25-Oct-16	21-Nov-16	0%									CP - Pipe Jacking Method - Setup & Assembly																			
Sub-sea TBM Tunnel - NB - Remaining Internal Structure																																				
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP48					5	08-Aug-16	13-Aug-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP48																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP47					5	13-Aug-16	19-Aug-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP47																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP46					5	30-Aug-16	04-Sep-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP46																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP45					5	05-Sep-16	09-Sep-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP45																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44					5	24-Sep-16	29-Sep-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43					5	29-Sep-16	04-Oct-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42					5	17-Oct-16	22-Oct-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42																			
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41					5	22-Oct-16	27-Oct-16	0%									NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP48					4	13-Aug-16	18-Aug-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP48																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP47					4	19-Aug-16	23-Aug-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP47																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP46					4	04-Sep-16	08-Sep-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP46																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP45					4	10-Sep-16	13-Sep-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP45																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44					4	29-Sep-16	03-Oct-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43					4	04-Oct-16	08-Oct-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP42					4	22-Oct-16	26-Oct-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP42																			
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41					4	27-Oct-16	31-Oct-16	0%									NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48					4	18-Aug-16	22-Aug-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP47					4	23-Aug-16	27-Aug-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP47																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP46					4	08-Sep-16	12-Sep-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP46																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP45					4	14-Sep-16	17-Sep-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP45																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44					4	03-Oct-16	07-Oct-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43					4	08-Oct-16	12-Oct-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43																			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42					4	26-Oct-16	30-Oct-16	0%									NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42																			
Sub-sea TBM Tunnel - SB - Remaining Internal Structure																																				
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP48					5	08-Aug-16	13-Aug-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP48																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP47					5	13-Aug-16	19-Aug-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP47																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP46					5	30-Aug-16	04-Sep-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP46																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP45					5	05-Sep-16	09-Sep-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP45																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44					5	24-Sep-16	29-Sep-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43					5	29-Sep-16	04-Oct-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42					5	17-Oct-16	22-Oct-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42																			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41					5	22-Oct-16	27-Oct-16	0%									SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP48					5	13-Aug-16	19-Aug-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP48																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP47					5	19-Aug-16	24-Aug-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP47																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP46					5	04-Sep-16	09-Sep-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP46																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP45					5	10-Sep-16	14-Sep-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP45																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44					5	29-Sep-16	04-Oct-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43					5	04-Oct-16	09-Oct-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP42					5	22-Oct-16	27-Oct-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP42																			
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41					5	27-Oct-16	01-Nov-16	0%									SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48					5	19-Aug-16	24-Aug-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP47					5	24-Aug-16	29-Aug-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP47																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP46					5	09-Sep-16	14-Sep-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP46																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP45					5	14-Sep-16	19-Sep-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP45																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44					5	04-Oct-16	09-Oct-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43					5	09-Oct-16	14-Oct-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43																			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42					5	27-Oct-16	01-Nov-16	0%									SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42																			
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	88%																												
Designer prepare DDA					10	02-Jan-15	13-Jan-15	0%																												
Formal Submission of DDA to ICE/ IPs					0		13-Jan-15	0%																												
Advanced Submission to SO					0		13-Jan-15	0%																												
IPs/ SO's Advance Comments/ ICE Comments					28	14-Jan-15	10-Feb-15	0%																												
Comments Received					0		10-Feb-15	0%																												
Designer to Reply RiC + Update Submission					21	11-Feb-15	13-Mar-15	0%																												
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	0%																												
Submit Method Statement to SO					0		30-Apr-15	0%																												
SO Reviews & Comments					28	01-May-15	28-May-15	0%																												
Re-submission					18	29-May-15	18-Jun-15	0%																												
SO's Review					28	19-Jun-15	16-Jul-15	0%																												
Construction																																				
C&C Tunnel - 1st 85m - Tunnel Structure					95	16-Apr-16	09-Aug-16	0%									C&C Tunnel - 1st 85m - Tunnel Structure																			
C&C Tunnel - 1st 85m - Backfilling					4	10-Aug-16	13-Aug-16	0%									C&C Tunnel - 1st 85m - Backfilling																			
C&C Tunnel - 2nd 85m - Excavation by ramp					17	30-Apr-16	21-May-16	0%									C&C Tunnel - 2nd 85m - Excavation by ramp																			
C&C Tunnel - 2nd 85m - Excavation by vertical mean					18	23-May-16	13-Jun-16	0%									C&C Tunnel - 2nd 85m - Excavation by vertical mean																			
C&C Tunnel - 2nd 85m - Tunnel Structure					83	14-Jun-16	20-Sep-16	0%									C&C Tunnel - 2nd 85m - Tunnel Structure																			
C&C Tunnel - 2nd 85m - Backfilling					9	21-Sep-16	30-Sep-16	0%									C&C Tunnel - 2nd 85m - Backfilling																			
C&C Tunnel - 3rd 85m - Excavation by ramp					18	23-May-16	13-Jun-16	0%									C&C Tunnel - 3rd 85m - Excavation by ramp																			
C&C Tunnel - 3rd 85m - Excavation by vertical mean					25	14-Jun-16	13-Jul-16	0%									C&C Tunnel - 3rd 85m - Excavation by vertical mean																			
C&C Tunnel - 3rd 85m - Tunnel Structure					83	26-Jul-16	02-Nov-16	0%									C&C Tunnel - 3rd 85m - Tunnel Structure																			
C&C Tunnel - 4th 85m - Excavation by ramp					21	30-Jun-16	25-Jul-16	0%									C&C Tunnel - 4th 85m - Excavation by ramp																			
C&C Tunnel - 4th 85m - Excavation by vertical mean					35	26-Jul-16	03-Sep-16	0%									C&C Tunnel - 4th 85m - Excavation by vertical mean																			
C&C Tunnel - 4th 85m - Tunnel Structure					83	05-Sep-16	13-Dec-16	0%									C&C Tunnel - 4th 85m - Tunnel Structure																			
C&C Tunnel - 5th 85m - Excavation by ramp					23	26-Jul-16	20-Aug-16	0%									C&C Tunnel - 5th 85m - Excavation by ramp																			
C&C Tunnel - 5th 85m - Excavation by vertical mean					44	22-Aug-16	14-Oct-16	0%									C&C Tunnel - 5th 85m - Excavation by vertical mean																			
Page 9 of 11																																				
Project ID: TMCLK DWPF 16W25																																				
Data Date: 31-Aug-16																																				
<div><div></div>Planned Bar</div> <div><div></div>Planned Bar - Critical</div> <div><div></div>Planned Milestone</div> <div><div></div>Progress bar</div> <div><div></div>Progress Milestone</div>									TMCLK - Northern Connection Sub-Sea Tunnel Section																											
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									<div><div></div><div>香港寶嘉 Dragages HongKong</div><div>A member of the Bouygues Construction group</div></div> <div><div></div><div>Bouygues Technique Energie</div><div>Bouygues - Bouygues Joint Venture 寶嘉 - 布依格聯營</div></div>																											
									<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>12-Feb-14</td><td>TMCLKDBUGENPRG98507</td><td>WYu</td><td>SPo</td></tr><tr><td>08-Apr-14</td><td>TMCLKDBUGENPRG98507 Rev.B</td><td>SPo</td><td>WYu</td></tr><tr><td>28-Aug-14</td><td>TMCLKDBUGENPRG98507 Rev.C</td><td>CLa</td><td>WYu</td></tr><tr><td>30-Oct-15</td><td>TMCLKDBUGENPRG98507 Rev.F</td><td>WYu</td><td></td></tr></table>				Date	Revision	Checked	Approved	12-Feb-14	TMCLKDBUGENPRG98507	WYu	SPo	08-Apr-14	TMCLKDBUGENPRG98507 Rev.B	SPo	WYu	28-Aug-14	TMCLKDBUGENPRG98507 Rev.C	CLa	WYu	30-Oct-15	TMCLKDBUGENPRG98507 Rev.F	WYu					
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Activity Name					Orig Dur	DWPF Start	DWPF Finish	% Comp	2016							
									May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C&C Tunnel - 5th 85m - Tunnel Structure					83	19-Oct-16	26-Jan-17	0%								
C&C Tunnel - 6th 85m - Excavation by ramp					27	22-Aug-16	22-Sep-16	0%								
C&C Tunnel - 6th 85m - Excavation by vertical mean					52	23-Sep-16	24-Nov-16	0%								
South Retrieval Shaft																
Design Submission																
(F4) Gantry Crane Support/Foundations in Southern Landfall																
Preparation of IFA Gantry Crane / Foundation					18	27-Jul-15	15-Aug-15	0%								
Review & Comment by JV					18	17-Aug-15	05-Sep-15	0%								
Designer prepare IFA					10	07-Sep-15	17-Sep-15	0%								
Formal Submission of IFA to ICE/ IPs					0		17-Sep-15	0%								
Advanced Submission to SO					0		17-Sep-15	0%								
IPs/ SO'sAdvance Comments/ ICE Comments					28	18-Sep-15	15-Oct-15	0%								
Method Statement Submission																
Method Statement of Construction Methodology of Retrieval Shaft																
Preparation Method Statement for Retrieval Shaft					25	24-Aug-15	21-Sep-15	0%								
Submit Method Statement to SO					0		21-Sep-15	0%								
SO Reviews & Comments					28	22-Sep-15	19-Oct-15	0%								
Re-submission					18	20-Oct-15	10-Nov-15	0%								
Construction																
South Landfall GI Works/DW Setting Up					48	06-Aug-15	02-Oct-15	13%								
South Retrieval Shaft - Diaphragm Wall					98	03-Oct-15	29-Jan-16	3%								
Retrieval Shaft - Excavation - Soft (other than Fill)					140	15-Apr-16	30-Sep-16	0%								
Retrieval Shaft - Temp. Slab/Prepare for TBM Breakthrough					48	03-Oct-16	28-Nov-16	0%								
South Approach Ramp																
Construction																
Approach Ramp (CH1580-1850) - Pipe Pile/Sheet Piles Wall					126	03-Oct-15	09-Mar-16	0%								
Approach Ramp (CH1580-1850) - Tension Piles					103	03-Oct-15	04-Feb-16	0%								
South Ventilation Building																
Design Submission																
(I1) DDA for South Vent.Bldg. GBP & Arch.Submission																
IPs Review					28	22-Dec-14	18-Jan-15	88%								
IP's No Objection Received					0		18-Jan-15	0%								
SO's Review					35	22-Dec-14	25-Jan-15	91%								
SO Approval with Condition Received					0		26-Jan-15	0%								
(I2) DDA for South Vent.Bldg. Foundation Design																
Review & Comment by JV					18	27-Apr-15	18-May-15	88%								
Designer prepare DDA					10	19-May-15	30-May-15	0%								
Formal Submission of DDA to ICE/ IPs					0		30-May-15	0%								
Advanced Submission to SO					0		30-May-15	0%								
IPs/ SO'sAdvance Comments/ ICE Comments					28	31-May-15	27-Jun-15	0%								
Comments Received					0		27-Jun-15	0%								
Designer to Reply RtC + Update Submission					21	29-Jun-15	23-Jul-15	0%								
Submit Updated DDA to SO/ ICE/ IPs					0	24-Jul-15		0%								
ICE Approval & Issue Check Cert					18	24-Jul-15	13-Aug-15	0%								
IPs Review					28	24-Jul-15	20-Aug-15	0%								
SO's Review					35	24-Jul-15	27-Aug-15	0%								
(I2) DDA for South Vent.Bldg.Structural Design incl.Vent.Connections																
Review & Comment by JV					18	18-Feb-15	17-Mar-15	76%								
Designer prepare DDA					10	18-Mar-15	28-Mar-15	0%								
Formal Submission of DDA to ICE/ IPs					0		28-Mar-15	0%								
Advanced Submission to SO					0		28-Mar-15	0%								
IPs/ SO'sAdvance Comments/ ICE Comments					28	29-Mar-15	25-Apr-15	0%								
Comments Received					0		25-Apr-15	0%								
Designer to Reply RtC + Update Submission					21	27-Apr-15	21-May-15	0%								
Submit Updated DDA to SO/ ICE/ IPs					0	22-May-15		0%								
ICE Approval & Issue Check Cert					18	22-May-15	12-Jun-15	0%								
IPs Review					28	22-May-15	18-Jun-15	0%								
SO's Review					35	22-May-15	25-Jun-15	0%								
(J1) DDA Temp.works for Construction of Sth.Vent.Bldg.																
Designer to Reply RtC + Update Submission					21	24-Aug-15	16-Sep-15	90%								
Submit Updated DDA to SO/ ICE/ IPs					0	17-Sep-15		0%								
ICE Approval & Issue Check Cert					12	17-Sep-15	02-Oct-15	0%								
Submit ICE Check Cert to SO					6	03-Oct-15	09-Oct-15	0%								
IPs Review					28	17-Sep-15	14-Oct-15	0%								
IP's No Objection Received					0		14-Oct-15	0%								
SO's Review					35	17-Sep-15	21-Oct-15	0%								
SO Approval with Condition Received					0		22-Oct-15	0%								
Construction																
Mobilization & Setting Up Piling Rigs					64	06-Aug-15	22-Oct-15	0%								
S - Pile Test					24	09-Apr-16	07-May-16	0%								
S -Sheet Piling					48	23-Oct-15	17-Dec-15	0%								
S- Excavation					100	09-May-16	05-Sep-16	0%								
Substructure					95	06-Sep-16	30-Dec-16	0%								
South Surface Roadworks, Utility & Drainage works																
Design Submission																
(E1) AIP- Southern Landfall Seawall Modification																
SO Review (35 Days)					35	03-Mar-17	06-Apr-17	100%								
SO Approval with Condition Received					0		06-Apr-17	100%								
(E1) DDA - Southern Landfall Seawall Modification																
Preparation of DDA Modification of Seawall at Sth Landfall					18	07-Apr-17	02-May-17	100%								
Review & Comment by JV					18	04-May-17	24-May-17	100%								
Designer prepare DDA					10	25-May-17	06-Jun-17	100%								
Formal Submission of DDA to ICE/ IPs					0		06-Jun-17	100%								

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Project ID: TMCLK DWPF 16W25

Data Date: 31-Aug-16

Planned Bar

Planned Bar - Critical

Planned Milestone

Progress bar

Progress Milestone

TMCLK - Northern Connection Sub-Sea Tunnel Section

Detailed Works Programme (Rev. F)

Three Months Rolling Programme

Progress as of 31-Aug-16

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

TRAVAILER FORCE

Date	Revision	Cheded	Approved
12-Feb-14	TMCLKDBJGEN-PRG08507	WYu	SPo
08-Apr-14	TMCLKDBJGEN-PRG08507 Rev.B	SPa	WYu
28-Aug-14	TMCLKDBJGEN-PRG08507 Rev.C	CLa	WYu
30-Oct-15	TMCLKDBJGEN-PRG08507 Rev.F	WYu	



Activity Name	Orig Dur	DWPF Start	DWPF Finish	% Comp	2016							
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Advanced Submission to SO	0		06-Jun-17	100%								
IPs/ SO's Advance Comments/ ICE Comments	28	07-Jun-17	04-Jul-17	83%								
Comments Received	0		04-Jul-17	0%								
Designer to Reply RiC + Update Submission	21	05-Jul-17	28-Jul-17	0%								
Submit Updated DDA to SO/ ICE/ IPs	0	29-Jul-17		0%								
ICE Approval & Issue Check Cert	12	29-Jul-17	11-Aug-17	0%								
Submit ICE Check Cert to SO	6	12-Aug-17	18-Aug-17	0%								
IPs Review	28	29-Jul-17	25-Aug-17	0%								
IP's No Objection Received	0		25-Aug-17	0%								
SO's Review	35	29-Jul-17	01-Sep-17	0%								
SO Approval with Condition Received	0		01-Sep-17	0%								
(E3) DDA for Sewerage, Drainage, Waterworks & Utility works for South Landfall												
ICE Approval & Issue Check Cert	12	05-Mar-15	18-Mar-15	100%								
Submit ICE Check Cert to SO	6	19-Mar-15	25-Mar-15	100%								
IPs Review	28	05-Mar-15	01-Apr-15	88%								
IP's No Objection Received	0		01-Apr-15	0%								
SO's Review	35	05-Mar-15	08-Apr-15	91%								
SO Approval with Condition Received	0		08-Apr-15	0%								
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	0%								
Submit Method Statement to SO	0		29-Jul-15	0%								
SO Reviews & Comments	28	30-Jul-15	26-Aug-15	0%								
Re-submission	6	27-Aug-15	02-Sep-15	0%								
SO's Review	28	03-Sep-15	30-Sep-15	0%								
SO's Approval	0		30-Sep-15	0%								
Construction												
Temporary Platform for Ground Treatment for TBM passing under Southern Seawall	48	06-Aug-15	02-Oct-15	0%								
Grouting Treatment for TBM passing under Southern Seawall	339	03-Oct-15	25-Nov-16	0%								Grouting Trea
Testing & Commissioning/Inspection & Handover												
Final Inspection & Handover												
Design Submission												
(A12) Maintenance Matrix												
Prepare Re-submission	18	12-Mar-16	06-Apr-16	88%	Re-submission							
2nd Submission	0		06-Apr-16	0%	mission							
SO's Condition Approval	35	07-Apr-16	11-May-16	0%	SO's Condition Approval							
(A13) Operation & Maintenance Manual												
Preparation of Operation and Maintenance Manual	48	24-Dec-15	27-Feb-16	0%	and Maintenance Manual							
1st Submission	0		27-Feb-16	0%								
SO's Comments for 1st Submission	35	28-Feb-16	02-Apr-16	0%	ments for 1st Submission							
Prepare Re-submission	24	05-Apr-16	03-May-16	0%	Prepare Re-submission							
2nd Submission	0		03-May-16	0%	2nd Submission							
SO's Condition Approval	35	04-May-16	07-Jun-16	0%	SO's Condition Approval							
(A14) As-built & As-fabricated Drawings												
Preparation of As-built and As-fabricated Drawings	48	24-Dec-15	27-Feb-16	0%	d As-fabricated Drawings							
1st Submission	0		27-Feb-16	0%								
SO's Comments for 1st Submission	35	28-Feb-16	02-Apr-16	0%	ments for 1st Submission							
Prepare Re-submission	24	05-Apr-16	03-May-16	0%	Prepare Re-submission							
2nd Submission	0		03-May-16	0%	2nd Submission							
SO's Condition Approval	35	04-May-16	07-Jun-16	0%	SO's Condition Approval							
(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, op	48	24-Dec-15	27-Feb-16	0%	Safety File including as-built drawings and records, maintenance schedules, operation and mai							
1st Submission	0		27-Feb-16	0%								
SO's Comments for 1st Submission	35	28-Feb-16	02-Apr-16	0%	ments for 1st Submission							
Prepare Re-submission	24	05-Apr-16	03-May-16	0%	Prepare Re-submission							
2nd Submission	0		03-May-16	0%	2nd Submission							
SO's Condition Approval	35	04-May-16	07-Jun-16	0%	SO's Condition Approval							