Annex B

Inspection record of Wetsep

		Draph	рание и станование и положите и станование и станов По и станование и стан		ract No. HY/201 In – Chek Lap H nection Sub-sea T		WETSEP Checking Record 污水處理機檢查記錄							
		WE Dat	ETSEP Location 污水處: e 日期:	里機位置:	23 9-1-201		15-1-2	0,7						
	-		WETSEP In Normal	Mond 星期·	ay Tuesday	Wednesd		<u>Friday</u> 星期五	<u>Saturday</u> 星期六	<u>Sunday</u> 星期日				
	-	1.	Operation? 處理機是否正常運作	1/	V	1	V	\checkmark	1	22.701				
	L	2.	pH Value 酸鹼度 (6.0 – 9.0)	8	8-2	8-3	8-2	8-1	8-2					
	3		Electrical Supply OK? 電力供應正常?		V	V		~						
	4.	1 4	Outlet Abnormal? (An Sludge? Any Colour Change? Flowrate?) 水口有否異常? (汚泥: 積聚? 顔色有否改變? 量有否異常?)	有情望之	有異 常	方景考	方景常	方要常	有限常					
	5.		Potion Enough? 藥水是否足夠?	\checkmark				V	1					
	6.		ean the Sedimentation Tank? 有否清理隔沙缸?	有 9:30	有 9=30	有 923	o 有 9230	有9:30	<u></u> 有9:30	2				
L	7.		ean the De-silt Basin? 有否清理蓄泥池?	有10:00	A6:00	友10:00	萬6:00	\$ 10:0	1点10:0	b				
8		of S D	the Cleansing Records Gedimentation Tank/ e-silt Basin Stored Properly? 舊泥池記錄是否妥善 儲存?			\checkmark	V	V	V					
9.			Others 其他情況	的正常	一切正常	-切正常	一场正常	初武	3-102	17 P				
地	Fore	man	ed by Site /Supervisor 監督簽署確認	30 B	aff.	XF	it	3	7 7	X				

*Please -

tick (√) in the box if the condition is normal. *若情況正常, 請於方格內加上剔號(√)。 cross (X) in the box if the condition is abnormal, and write down the non-conformance. *若情況不尋常, 請於方格內加上交叉(X), 並寫下不尋常狀況。 17/01/2017

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1	0.00	Register Processo Pro	Contrac Tuen Mun – Northern Connect	t No. HY/2012/ Chek Lap Kok ion Sub-sea Tunn	Link	WETSEI 污水	P Check 處理機板	ting Rec 會查記錄	ord
		ETSEP Location 污水處理		23					
	Da	ite 日期:			人 to 至。	22-1-201	7		
			Monday 星期一	<u>Tuesday</u> 星期二	Wednesd	av <u>Thursday</u> 星期四	<u>Friday</u> 星期五	<u>Saturday</u> 星期六	Sunday
	1.	WETSEP In Normal Operation? 處理機是否正常運作?	, /	~				<u>==</u>	星期日
	2.	pH Value 酸鹼度 (6.0 – 9.0)	8-1	8.7					
	3.	Electrical Supply OK? 電力供應正常?							
4		Outlet Abnormal? (Any Sludge? Any Colour Change? Flowrate?) 出水口有否異常? (污泥有 否積聚? 顏色有否改變? 泳 量有否異常?)	大学家	方吴帝					
5.		Potion Enough? 藥水是否足夠?	~						
6.		Clean the Sedimentation Tank? 有否清理隔沙缸?	1/2 09730	荫10230					
	-	Clean the De-silt Basin? 有否清理蓄泥池?	有10:00	有川の					
	0	e the Cleansing Records f Sedimentation Tank/ De-silt Basin Stored Properly? 里蓄泥池記錄是否妥善 儲存?		~					
		Others 其他情況	切起常,	机正带					
	rem	rified by Site han/Supervisor 二/監督簽署確認	Yes	MAN NO					

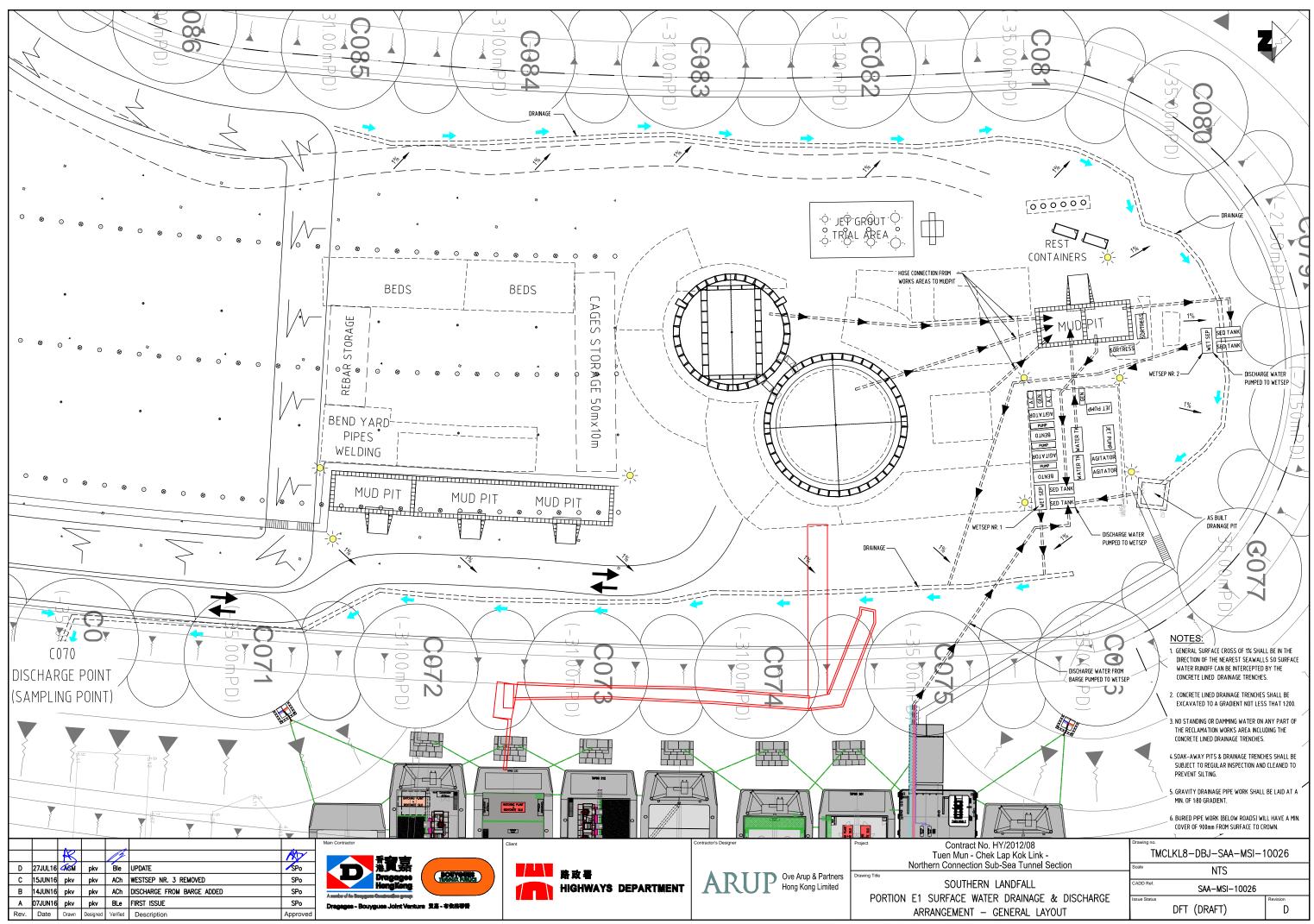
17/01/2017

*Please -

tick ($\sqrt{}$) in the box if the condition is normal. *若情況正常, 請於方格內加上剔號($\sqrt{}$)。 cross (X) in the box if the condition is abnormal, and write down the non-conformance. *若情況不尋常, 請於方格內加上交叉(X), 並寫下不尋常狀況。

Remarks: (1) Please keep the second and a second se Annex C

Site Drainage Management Plan



THE OWNERSHIP OF THE COPYRIGHT IN THIS DRAWING IS RETAINED BY THE ISSUER WHOSE CONSENT MUST BE OBTAINED BEFORE ANY USE OR REPRODUCTION OF THE DRAWING OR ANY PART THEREOF CAN BE MADE.

Annex D

Construction programme

	Dur	Start	Finish	Comp	Oct	2016 Nov	Dec	Jan	Feb	2017 Mar	Apr	M
MCLK - Northern Connection Sub-Sea Tunnel Section							1 1 1					
contract Dates							1					
Commencement and Completion Dates KD01 - Achievement of Stage 1 - Nth TBM & C&C for E&MS/TCSS	0		09-Jan-17	0%	_			♦ KD01 -	Achievement of	Stage 1 - Nth T	IBM & C&C	C for E
Site Possession Date								• REOT				
Portions: X1,(N10,11,13 & 14) - Sth Landfall	0	06-Aug-15		0%						·		
Portions: N1 to N4 & N12 General Submissions	0		03-Dec-16	0%			Portions: N	1 to N4 & N12				
Environmental												
Environmental Permit Submissions									· · · · · · · · · · · · · · · · · · ·			
Supplementary WMP of C&C Tunnel at Sth.Landfall Supplementary WMP of C&C Tunnel at Sth.Landfall	0	Í	28-Jun-14	0%	_							
Sediment Quality Report/Dumping Permit	Ū		20 0011 14	078			1					
Southern Landfall									1 I 1 I 1 I 1 I	1		-
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	19-Mar-15	50%								
Sediment Quality Report (SQR) - if required												
Advance Ground Investigation works for Sediment sampling	24	20-Mar-15	21-Apr-15	90%	_							
Sediment Sample Testing & Report preparation Dumping Permit for Load Dumping (Loading Permit) - if required	120	22-Apr-15	12-Sep-15	0%			 		 	·		
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	19-Mar-15	0%					1 I 1 I 1 I 1 I			
General Design Submissions												
(G6) IFA for Tunnel GBP SO's Review	35	29-Apr-14	02-Jun-14	100%						·		
SO Approval with Condition Received	0		03-Jun-14	100%			1		1 I 1 I 1 I 1 I 1 I			}
PAYMENT MILESTONE							1					
Design and Design Checking of the Works MS 2.5 SubmitAIP for seawall modification works at Southern Landfall	0		31-Jan-17	100%			1		MS 2.5 Subm		all modifier	tion
MS 2.32 Approve DDA for Approach Ramp Structures to Cut-and-cover Tunnels by the Supervising Officer	0		30-Apr-15	100%			 		/ 1VIS 2.5 SUDITI			10011 W
MS 2.44 Approve DDA for South Ventilation Building by the Supervising Officer	0		30-Jun-15	0%					1 I 1 I 1 I 1 I	1		-
MS 2.48 Approve DDA for North Ventilation Building by the Supervising Officer	0		31-Jan-15	100%	_							
MS 2.52 Approve DDA for Facilities Provision for TCSS by the Supervising Officer MS 2.56 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Southern Landfall by the Supervi	0		28-Feb-15 30-Apr-15	0%	_							
MS 2.60 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Northern Landfall by the Supervix			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%	-	or all Tunnels a	and Cross Pas	sgaes by the Si	upervising Office	er		
MS 2.71 Submit draft Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes MS 2.72 Accept Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes by the	0		29-Feb-16 30-Jun-16	0%	Passgaes nce Manual fo	r all works exc	ept Tunnels a	rd Cross Passo	aes by the Supe	ervising Offic		
Tunnel Boring Machine (TBM) and Back-up Equipment for TBM Tunnel												
MS 3.1.6 Removal of TBM for Southbound Tunnel from Site after the completion of TBM Tunnel	0		31-Jan-17	0%	_				MS 3.1.6 Ren			1
MS 3.1.12 Removal of TBM for Northbound Tunnel from Site after the completion of TBM Tunnel MS 3.1.25 Demolition of Slurry Treatment Plant on completion	0		28-Feb-17 28-Feb-17	0%	_		1		i i i	VIS 3.1.12 Rem VIS 3.1.25 Dem		-i
MS 3.1.26 Complete the whole of the activities under this Cost Centre Part to the satisfaction of the Supervisin	0		31-Dec-15	0%	_					vio 3.1.25 Djeli		lurry i
TBM Tunnel						 	4 1 1 1		J 	·		- l= = =
MS 3.3.4 Complete walls of retrieval shaft	0		30-Jan-16	0%	_		MODED			1		
MS 3.3.5 Complete excavation to formation level for retrieval shaft and complete casting of base slab MS 3.3.6 Complete all necessary works of retrieval shaft to facilitate retrieval of TBM	0		30-Nov-16 30-Nov-16	0%	_		1		tion to formation	i		1
MS 3.3.33 Completion of excavation, support and permanent lining for 30% of the total length (measured on p	0		31-May-16	100%	anent lining f	for 30% of the	total length (m	asured on pla	n) of the N			
MS 3.3.34 Completion of excavation, support and permanent lining for 32.5% of the total length (measured or	-		30-Jun-16	100%	-	-			easured on plar			
MS 3.3.35 Completion of excavation, support and permanent lining for 35% of the total length (measured on I MS 3.3.36 Completion of excavation, support and permanent lining for 37.5% of the total length (measured or			30-Jun-16 30-Jun-16	100% 100%			1		asured on plan) leasured on plar			
MS 3.3.37 Completion of excavation, support and permanent lining for 40% of the total length (measured on p			30-Jul-16	100%		1	1		tal length (meas	1	of the N	
MS 3.3.38 Completion of excavation, support and permanent lining for 42.5% of the total length (measured or	0		30-Jul-16	100%	kcavation, sup	port and pern	hanent lining fo	42.5% of the	total length (mea	asured on plar	n) of the	
MS 3.3.39 Completion of excavation, support and permanent lining for 45% of the total length (measured on J			30-Jul-16	100%	-				tal length (meas			
MS 3.3.40 Completion of excavation, support and permanent lining for 47.5% of the total length (measured or MS 3.3.41 Completion of excavation, support and permanent lining for 50% of the total length (measured or)			30-Jul-16 31-Aug-16	100%	-		-		total length (mea or 50% of the tota			an) of
MS 3.3.42 Completion of excavation, support and permanent lining for 52.5% of the total length (measured or			31-Aug-16	100%		1			or 52.5% of the to			1
MS 3.3.43 Completion of excavation, support and permanent lining for 55% of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of total structure) and the superior of the superior of the total length (measured on particular structure) and the superior of the s			31-Aug-16	0%	ompletion of	excavation, su	port and pern	ranent lining fo	r 55% of the tota	al length (meas	sured on pla	ian) of
MS 3.3.44 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.45 Completion of excavation, support and permanent lining for 60% of the total length (measured on)			31-Aug-16 31-Aug-16	0%	-			-	or 57.5% of the to or 60% of the tota			
MS 3.3.46 Completion of excavation, support and permanent lining for 62.5% of the total length (measured on MS 3.3.46 Completion of excavation, support and permanent lining for 62.5% of the total length (measured on			30-Sep-16	0%		1		-	anent lining for 6			1.1
MS 3.3.47 Completion of excavation, support and permanent lining for 65% of the total length (measured on I	0		30-Sep-16	0%		i '		· ·	anent lining for 6			``
MS 3.3.48 Completion of excavation, support and permanent lining for 67.5% of the total length (measured or			30-Sep-16	0%		-!			anent lining for 6	· +	·	- <u> -</u>
MS 3.3.49 Completion of excavation, support and permanent lining for 70% of the total length (measured on I MS 3.3.50 Completion of excavation, support and permanent lining for 72.5% of the total length (measured or	-		30-Sep-16 31-Oct-16	0%	_	1. 1	1	· ·	anent lining for 7 port and perma	1	U V	1
MS 3.3.51 Completion of excavation, support and permanent lining for 75% of the total length (measured on)			31-Oct-16	0%					port and perma	i i		i
MS 3.3.52 Completion of excavation, support and permanent lining for 77.5% of the total length (measured or	0		31-Oct-16	0%		j.	1		port and perma			i i
MS 3.3.53 Completion of excavation, support and permanent lining for 80% of the total length (measured on I			31-Oct-16	0%	•	MS 3.3.53			port and perma	· +		
MS 3.3.54 Completion of excavation, support and permanent lining for 82.5% of the total length (measured or MS 3.3.55 Completion of excavation, support and permanent lining for 85% of the total length (measured on)			30-Nov-16 30-Nov-16	0%	-				xcavation, suppo xcavation, suppo		-	1
MS 3.3.56 Completion of excavation, support and permanent lining for 87.5% of the total length (measured or			30-Nov-16	0%			-1 .1	· ·	xcavation, suppo		Ũ	1
			30-Nov-16	0%			1		xcavation, suppo			1
MS 3.3.57 Completion of excavation, support and permanent lining for 90% of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of the total length (measured on particular structure) and the superior of total structure structure structure structure structure structure structure structure structure) and the superior of the superior	0		30-Nov-16	0%	+		MS 3.3.58		excavation, supp		· · · · · · · · · · · · · ·	
MS 3.3.58 Completion of excavation, support and permanent lining for 92.5% of the total length (measured or	-		31-Dec-16	0%	-				Completion of exc Completion of exc			1
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MS 3.3.58 Completion of excavation, support and permanent lining for 92.5% of the total length (measured or MS 3.3.59 Completion of excavation, support and permanent lining for 95% of the total length (measured on permanent lining for 95%) of the total length (measured on permanent lining for 95%) of the total length (measured on permanent lining for 95%) of the total length (measured on permanent lining for 95%) of the total length (measured or permanent lining for 95\%) of the total length (measured or per	0		31-Dec-16 31-Dec-16	0%				MS 3.3.61 C	ompletion of exa	cavation, supp	ort and peri	
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MS 3.3.58 Completion of excavation, support and permanent lining for 92.5% of the total length (measured on MS 3.3.59 Completion of excavation, support and permanent lining for 95% of the total length (measured on MS 3.3.60 Completion of excavation, support and permanent lining for 97.5% of the total length (measured on MS 3.3.61 Completion of excavation, support and permanent lining for 100% of the total length (measured or MS 3.3.96 Completion of excavation, support and permanent lining for 50% of the total length (measured or MS 3.3.96 Completion of excavation, support and permanent lining for 50% of the total length (measured on MS 3.3.97 Completion of excavation, support and permanent lining for 52.5% of the total length (measured on MS 3.3.98 Completion of excavation, support and permanent lining for 55% of the total length (measured on MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or MS	0 0 0 0 0 0 0 0 0 0 0		31-Dec-16 30-Jul-16 30-Jul-16 30-Jul-16 31-Aug-16	0% 100% 100% 100% 100%	kcavation, sup kcavation, sup ompletion of Completion o Completion o	port and pern oport and pern excavation, su of excavation, s	hanent lining for hanent lining for hoport and perm hopport and per hopport and per	50% of the to 52.5% of the 55% of the to ranent lining for manent lining	tal length (meas total length (mea tal length (meas r 57.5% of the to	ured on plan) asured on plar ured on plan) btal length (me tal length (mea total length (m	of the S n) of the of the S asured on p asured on p easured on	plan) c n plan)

INS 3.3.101 Completion of excavation, si	upport and permanent lining for 62.5% of the to	tal length (measured (0		31-Aug-16	100%	Completion of	of¦excavation, support an	d per manent lining	g for 62.5%	of the total length (meas	sured on p	lan) of th
MS 3.3.102 Completion of excavation, s	upport and permanent lining for 65% of the tota	l length (measured or	0		31-Aug-16	100%	Completion of	of excavation, support an	d permanent lining	g for 65% c	of the total length (measu	red on pla	n) of the
MS 3.3.101 Completion of excavation, si MS 3.3.102 Completion of excavation, si MS 3.3.103 Completion of excavation, si	upport and permanent lining for 67.5% of the to	tal length (measured (0		31-Aug-16	100%	Completion of	of excavation, support an	d permanent lining	g for 67.5%	of the total length (meas	sured on p	lan) of th
	1	THOLK			0.1.07				-	Date	Revision	Checked	Approved
Page 1 of 11	Planned Bar	TMCLK - Nort	nern (Jonnection	Sub-Sea I	unnei	Section			12-Feb-14	TMCLK/DBJGEN/PRG/98507	WYu	SPo
	Planned Bar - Critical									08-Apr-14	TMCLK/DBJGEN/PRG/98507 Rev.B TMCLK/DBJGEN/PRG/98507 Rev.C		WYu WYu
Project ID: TMCLK DWPF 16W25	Fianned Bar - Chicai	Data						香寶嘉		28-Aug-14 30-Oct-15	TMCLK/DBJGEN/PRG/98507 Rev.C TMCLK/DBJGEN/PRG/98507 Rev.F		WYU
	Planned Milestone	Deta	lied w	orks Progr	amme (Re	v.⊢)		D た 見 万	BOUYGUES TRAVAUX PUBLICS				-
Data Date: 01-Jan-17	Progress bar							HongKong					
	Progress Milestone	Thi	ree M	onths Rollir	ng Program	nme		A member of the Bouygues Construction group Dragages - Bouygues Joint Venture 1	嘉 - 布依格聯營				
			Prog	ress as of	01-Jan-17								

Activity Name	Orig	DWPF	DWPF	%		
	Dur	Start	Finish	Comp	2016 Oct Nov Dec	2017 Jan Feb Mar Apr May
MS 3.3.104 Completion of excavation, support and permanent lining for 70% of the total length (measured or	0		30-Sep-16	0%		, support and permanent lining for 70% of the total length (measured on p
MS 3.3.105 Completion of excavation, support and permanent lining for 72.5% of the total length (measured of	0		30-Sep-16	0%	MS 3.3.105 Completion of excavation	, support and permanent lining for 72.5% of the total length (measured on
MS 3.3.106 Completion of excavation, support and permanent lining for 75% of the total length (measured or			30-Sep-16	0%	MS 3.3.106 Completion of excavation	, support and permanent lining for 75% of the total length (measured on p
MS 3.3.107 Completion of excavation, support and permanent lining for 77.5% of the total length (measured (30-Sep-16	0%		, support and permanent lining for 77.5% of the total length (measured on
MS 3.3.108 Completion of excavation, support and permanent lining for 80% of the total length (measured or MS 3.3.100 Completion of excevation support and permanent lining for 82.5% of the total length (measured or			31-Oct-16 31-Oct-16	0%		n of excavation, support and permanent lining for 80% of the total length (r
MS 3.3.109 Completion of excavation, support and permanent lining for 82.5% of the total length (measured on MS 3.3.110Completion of excavation, support and permanent lining for 85% of the total length (measured on MS 3.3.110Completion of excavation).	0		31-Oct-16	0%		n of excavation, support and permanent lining for 82.5% of the total length of excavation, support and permanent lining for 85% of the total length (n
MS 3.3.111 Completion of excavation, support and permanent lining for 87.5% of the total length (measured c			31-Oct-16	0%	· · · · ·	n of excavation, support and permanent lining for 87.5% of the total length
MS 3.3.112 Completion of excavation, support and permanent lining for 90% of the total length (measured on			30-Nov-16	0%		12 Completion of excavation, support and permanent lining for 90% of the
MS 3.3.113 Completion of excavation, support and permanent lining for 92.5% of the total length (measured c			30-Nov-16	0%		13 Completion of excavation, support and permanent lining for 92.5% of t
MS 3.3.114 Completion of excavation, support and permanent lining for 95% of the total length (measured on	0		30-Nov-16	0%		14 Completion of excavation, support and permanent lining for 95% of the
MS 3.3.115 Completion of excavation, support and permanent lining for 97.5% of the total length (measured c	0		30-Nov-16	0%	♦ MS 3.3.1	15 Completion of excavation, support and permanent lining for 97.5% of t
MS 3.3.116 Completion of excavation, support and permanent lining for 100% of the total length (measured o	0		30-Nov-16	0%	♦ MS 3.3.1	16 Completion of excavation, support and permanent lining for 100% of t
MS 3.3.117 Complete tunnel internal structures for 25% of total length (measured on plan) of the Northbound	0		31-Oct-16	0%	MS 3.3.117 Complete t	unnel internal structures for 25% of total length (measured on plan) of the
MS 3.3.118 Complete tunnel internal structures for 50% of total length (measured on plan) of the Northbound	0		31-Jan-17	0%		MS 3.3.118 Complete tunnel internal structures for 50
MS 3.3.121 Complete tunnel internal structures for 25% of total length (measured on plan) of the Southbound	0		31-Oct-16	0%	MS 3.3.121 Complete	unrel internal structures for 25% of total length (measured on plan) of the
MS 3.3.122 Complete tunnel internal structures for 50% of total length (measured on plan) of the Southbound	0		31-Jan-17	0%		MS 3.3.122 Complete turinel internal structures for 50
Cross Passages for TBM Tunnel			00 Nev 10	00/		
MS 3.3.1 Complete 50% of ground treatment for excavation of all Type 1 Cross Passages(Percentage to be or MS 3.3.3 Complete 50% of ground treatment for excavation of all Type 2 Cross Passages(Percentage to be or			30-Nov-16	0%		Complete 50% of ground treatment for excavation of all Type 1 Cross Pa
MS 3.3.5 Complete 50% of ground ireament for excavation of all Type 2 Cross Passages(Percentage to be ca MS 3.3.5 Complete 50% of excavation and support for all Type 1 Cross Passages(Percentage to be certified f			30-Nov-16 31-Dec-16	0%	● MS 3.3.3	Complete 50% of ground treatment for excavation of all Type 2 Cross Pa
MS 3.3.7 Complete 50% of excavation and support for all Type 1 Cross Passages(Percentage to be certified f			31-Dec-16	0%		 MS 3.3.5 Complete 50% pf excavation and support for all Type 1 Cr MS 3.3.7 Complete 50% bf excavation and support for all Type 2 Cr
MS 3.3.9 Complete 50% of excavation and supportion an type 2 cross r assages (r ercentage to be certified r MS 3.3.9 Complete 50% of permanent lining and internal structures for all Type 1 Cross Passages (Percentage			31-Jan-17	0%		 MS 3.3.9 Complete 50% of permanent lining and intro
MS 3.3.11 Complete 50% of permanent lining and internal structures for all Type 2 Cross Passages (Percenta			28-Feb-17	0%		MS 3.3.11 Complete 50% of permanent
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-	0		31-Oct-15	0%		
MS 4.1.2 Complete 20% of total length (measured on plan) of temporary retaining walls for excavation of Cut-a			31-Oct-15	0%	1	
MS 4.1.3 Complete 30% of total length (measured on plan) of temporary retaining walls for excavation of Cut-			30-Nov-15	0%	1	
MS 4.1.4 Complete 40% of total length (measured on plan) of temporary retaining walls for excavation of Cut-	0		30-Nov-15	0%	1	
MS 4.1.5 Complete 50% of total length (measured on plan) of temporary retaining walls for excavation of Cut-	0		31-Dec-15	0%		
MS 4.1.6 Complete 60% of total length (measured on plan) of temporary retaining walls for excavation of Cut-	0		31-Dec-15	0%		
MS 4.1.7 Complete 70% of total length (measured on plan) of temporary retaining walls for excavation of Cut-	0		30-Jan-16	0%	l-cover tu	
MS 4.1.8 Complete 80% of total length (measured on plan) of temporary retaining walls for excavation of Cut-			30-Jan-16		l-cover tu	
MS 4.1.9 Complete 90% of total length (measured on plan) of temporary retaining walls for excavation of Cut-			29-Feb-16		tion of Cut-and-cover tu	
MS 4.1.10 Complete 100% of total length (measured on plan) of temporary retaining walls for excavation of C			31-Mar-16	0%	walls for excavation of Cut-and-cover	
MS 4.1.11	0		30-Jun-16	0%		
MS 4.1.12 Complete 40% of excavation for Cut-and-cover tunnel	0		31-Aug-16		omplete 40% of excavation for Cut-and	
MS 4.1.13 Complete 60% of excavation for Cut-and-cover tunnel	0		31-Oct-16	0%	MS 4.1.13 Complete 6	0% of excavation for Cut-and-cover tunnel
MS 4.1.14 Complete 80% of excavation for Cut-and-cover tunnel	0		31-Dec-16	0%	· · · · · · · · · · · · · · · · · · ·	MS 4.1.14 Complete 80% of excavation for Cut-and-cover tunnel
MS 4.1.15 Complete 100% of excavation for Cut-and-cover tunnel	-		28-Feb-17 30-Jul-16	0%		MS 4.1.15 Complete 100% of excavation
MS 4.1.16 Complete permanent tunnel structure for 10% of the total length (measured on plan) of Cut-and-cc MS 4.1.17 Complete permanent tunnel structure for 20% of the total length (measured on plan) of Cut-and-cc			31-Aug-16		i i	al length (measured on plan) of Cut-and-cover Tunnel 20% of the total length (measured on plan) of Cut-and-cover Tunnel
MS 4.1.18 Complete permanent tunnel structure for 30% of the total length (measured on plan) of Cut-and-cc			30-Sep-16	0%		el sructure for 30% of the total length (measured on plan) of Cut-and-cover numer
MS 4.1.19 Complete permanent tunnel structure for 40% of the total length (measured on plan) of Cut-and-cc			30-Sep-16	0%		el sructure for 40% of the total length (measured on plan) of Cut-and-cov
MS 4.1.20 Complete permanent tunnel structure for 50% of the total length (measured on plan) of Cut-and-cc			31-Oct-16	0%		ermanent tunnel structure for 50% of the total length (measured on plan)
MS 4.1.21 Complete permanent tunnel structure for 60% of the total length (measured on plan) of Cut-and-cc			31-Jan-17	0%		MS 4.1.21 Complete permanent tunnel structure for 6
MS 4.1.22 Complete permanent tunnel structure for 70% of the total length (measured on plan) of Cut-and-cc			28-Feb-17	0%		MS 4.1.22 Complete permanent tunnel
MS 4.1.23 Complete permanent tunnel structure for 80% of the total length (measured on plan) of Cut-and-cc	0		28-Feb-17	0%		MS 4.1.23 Complete permanent tunnel
MS 4.1.26 Complete excavation for 50% of total length (measured on plan) of all Cross Passages	0		31-Dec-15	0%		
MS 4.1.27 Complete excavation for 100% of total length (measured on plan) of all Cross Passages	0		31-Mar-16	0%	ross Passages	
MS 4.1.29 Complete pavement for 50% of the total length (measured on plan) of Cut-and-cover Tunnel	0		31-Dec-16	0%		MS 4.1.29 Complete pavement for 50% of the total length (measure
Cut-and-cover Tunnel at Northern Landfall				_		
MS 4.2.22 Complete tunnel internal structure for 50% of NB Northern Landfall TBM Tunnel	0		31-Aug-16	0%	omplete tunnel internal structure for 50	% d <mark>f NB Northern Landfall TBNI Tunnel</mark>
MS 4.2.23 Complete tunnel internal structure for 100% of NB Northern Landfall TBM Tunnel	0		30-Sep-16	0%	MS 4.2.23 Complete tunnel internal s	tructure for 100% of NB Northern Landfall TBM Tunnel
MS 4.2.24 Complete tunnel internal structure for 50% of SB Northern Landfall TBM Tunnel	0		31-Oct-16	0%		nnel internal structure for 50% of SB Northern Landfall TBM Tunnel
MS 4.2.25 Complete tunnel internal structure for 100% of SB Northern Landfall TBM Tunnel	0		30-Nov-16	0%	i i	5 Complete tunnel internal structure for 100% of SB Northern Landfall TE
MS 4.2.28 Complete 75% of permanent lining and internal structures for all Northern Landfall Cross Passage			30-Sep-16	100%		ent ining and internal structures for all Northern Landfall Cross Passages
MS 4.2.29 Complete 100% of permanent lining and internal structures for all Northern Landfall Cross Passag			31-Oct-16	0%		00% of permanent lining and internal structures for all Northern Landfall
MS 4.2.30 Complete Permanent tunnel structure for 25% of Cut and Cover Tunnel	0		31-Aug-16		omplete Permanent tunnel structure fo	
MS 4.2.31 Complete Permanent tunnel structure for 50% of Cut and Cover Tunnel	0		30-Sep-16 30-Nov-16	0%		el structure for 50% of Cut and Cover Tunnel
MS 4.2.32 Complete Permanent tunnel structure for 75% of Cut and Cover Tunnel MS 4.2.34 Complete Permanent junction structure at interface between Cut-and-cover and TBM Tunnel	0		30-INOV-16 30-Jul-16		i i	2 Complete Permanent tunnel structure for 75% of Cut and Cover Tunne
	0		30-301-10	0 %	anent junction¦structure at interface bet	veen Cut-and-cover and TBW junnel
Approach Ramp Structures to Cut-and-cover Tunnel at Southern Landfall MS 5.1.2 Complete 40% of excavation for approach ramp structures	0		31-Mar-16	0%		
MS 5.1.3 Complete 60% of excavation for approach ramp structures	0		31-Mar-16	0%		
MS 5.1.4 Complete 80% of excavation for approach ramp structures	0		30-Apr-16	0%		
MS 5.1.5 Complete 100% of excavation for approach ramp structures	0		30-Apr-16	0%		
MS 5.1.6 Complete retaining wall foundation for 10% of the total length (measured on plan) of approach ram	0		31-Oct-15	0%		
MS 5.1.7 Complete retaining wall foundation for 20% of the total length (measured on plan) of approach ram			30-Nov-15	0%		
MS 5.1.8 Complete retaining wall foundation for 30% of the total length (measured on plan) of approach ram	0		30-Nov-15	0%		
MS 5.1.9 Complete retaining wall foundation for 40% of the total length (measured on plan) of approach ram	0		31-Dec-15	0%		
MS 5.1.10 Complete retaining wall foundation for 50% of the total length (measured on plan) of approach ran	0		31-Dec-15	0%		
MS 5.1.11 Complete retaining wall foundation for 60% of the total length (measured on plan) of approach ran	0		30-Jan-16	0%	tructure	
MS 5.1.12 Complete retaining wall foundation for 70% of the total length (measured on plan) of approach ran			30-Jan-16		tructure	
MS 5.1.13 Complete retaining wall foundation for 80% of the total length (measured on plan) of approach ran			29-Feb-16		proach ramp structure	
MS 5.1.14 Complete retaining wall foundation for 90% of the total length (measured on plan) of approach ran			29-Feb-16		proach ramp structure	
MS 5.1.15 Complete retaining wall foundation for 100% of the total length (measured on plan) of approach ra	0		31-Mar-16	0%	d on plan) of approach ramp structure	
South Ventilation Buildings			20.0 10	001	M07140	
MS 7.1.1 Complete 100% of cofferdam for excavation MS 7.1.2 Complete 100% of excavation to the formation level	0		30-Sep-16	0%	MS 7.1.1 Complete 100% of cofferda	<mark>-</mark>
MS 7.1.2 Complete 100% of excavation to the formation level MS 7.1.3 Complete 100% of foundation for the ventilation building	0		30-Sep-16 30-Apr-16	0%	MS 7.1.2 Complete 100% of excavati	
MS 7.1.3 Complete 100% of foundation for the ventilation building MS 7.1.4 Complete concreting works of 25% area of the total construction floor area for the ventilation building			30-Apr-16 31-Oct-16	0%	MC 7 1 4 Complete	creating works of 25% area of the total construction floor area for the vent
MS 7.1.4 Complete concreting works of 25% area of the total construction floor area for the ventilation building MS 7.1.5 Complete concreting works of 50% area of the total construction floor area for the ventilation building			31-Oct-16 31-Dec-16	0%		MS 7.1.5 Complete concreting works of 50% area of the total construction floor area for the vent
MS 7.1.6 Complete concreting works of 75% area of the total construction floor area for the ventilation building MS 7.1.6 Complete concreting works of 75% area of the total construction floor area for the ventilation building			28-Feb-17	0%		 MIS 7.1.5 Complete concreting works or 50% area of the total const MIS 7.1.6 Complete concreting works or
North Ventilation Buildings						
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%	ing works of 25% area of the total cons	rucion floor area for the ventilation building
MS 7.2.5 Complete concreting works of 50% area of the total construction floor area for the ventilation building			31-Oct-16	0%	- i i	creting works of 50% area of the total construction floor area for the veni
					· · · · · · · · · · · · · · · · · · ·	
Page 2 of 11 TMCLK - Nor	thern Co	onnection	Sub-Sea	Tunnel	Section	Date Revision Checked Approved 12-Feb-14 TMCLK/DBJGEN/PRG/98507 WYu SPo 20-Feb-14 TMCLK/DBJGEN/PRG/98507 WYu SPo
Project ID: TMCLK DWDE 16W25				_	香露吉	08-Apr-14 TMCLKDBJGEN/PRG/98507 Rev.B SPa WYu 28-Aug-14 TMCLKDBJGEN/PRG/98507 Rev.C CLa WYu 20.0-15 TMC/LKDBJGEN/PRG/98507 Rev.C LVvv
Project ID: TMCLK DWPF 16W25 Planned Milestone Deta	lled Wo	orks Progr	ramme (Re	ev. F)	● ■ ^番 寶嘉 Dragages	30-Oct-15 TMCLKDBJGEN/PRG/98507 Rev.F WYu
Data Date: 01-Jan-17 Progress bar		otho Della	na Dragona	nmo	A member of the Bouygues Construction group	
Progress Milestone		mus riullir	ng Prograr	шне	Dragages - Bouygues Joint Venture 寶邊	- 布依格聯營

Progress as of 01-Jan-17

⊿ygues Joint Venture 寶嘉 - 布依格聯營

Progress Milestone

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y Name	Orig Dur	DWPF Start	DWPF Finish	% Comp		2016	Dec	lore		2017 Mar Apr	
MS 7.2.6 Complete concreting works of 75% area of the total construction floor area for the ventilation building	0		31-Dec-16	0%	Oct	Nov	Dec	Jan MS 7.2.6 Co		Mar Apr works of 75% area of	of the total o
Facilities Provision for E&M Works for TBM Tunnel, Cut & Cover Tunnels and Cro	oss Pas	sages									
MS 9.1.1 Complete 25% of bonding terminal, opening and accessories, etc. MS 9.1.2 Complete 25% of plinth, hoisting facilities and accessories, etc.	0		30-Sep-16 30-Sep-16	0%	-	1.1	-		and accessories, etc.	etc.	
MS 9.1.3 Complete 50% of bonding terminal, opening and accessories, etc.	0		31-Jan-17	0%	1010 0.1.2 0			-	1 1	lete 50% of bonding	terminal, o
MS 9.1.4 Complete 50% of plinth, hoisting facilities and accessories, etc.	0		31-Jan-17	0%					i	lete 50% of plinth, ho	
Construction							 		 		
Northern Landfall North Reclamation (Phase 1)							1				
Box Culvert Extension					-		1				
Construction											
Ch000-010 Culvert Outfall	18	OF Nov 15	15 Dec 15	09/							
Removal of temporary bulk head Ch150-250 Marine Section	10	25-Nov-15	15-Dec-15	0%			1		I I I I I I I		
ELS & Structure									 		
Pile A41/A39 CJ to Pile A39/A37 CJ									I I I I I I I I		
ELS Excavation to 0.5m below strut S2	4	05-Feb-16	16-Feb-16	100%							
Installation of strut S2	6	17-Feb-16	23-Feb-16	100%	-						
Excavation to 0.5m below strut S1	5	24-Feb-16	29-Feb-16	100%	-						
Installation of strut S1 Excavation to FEL	5 5	01-Mar-16 07-Mar-16	05-Mar-16 11-Mar-16	100%							
Box Culvert Structure	5	07-10121-10	11-10141-10	100 /8							
Pile cap construction	10	18-Mar-16	01-Apr-16	100%					I I I I I I I		
Base slab construction including kicker	6	15-Apr-16	21-Apr-16	0%	-						
Removal of strut S1 Sliding formworks 1 st assembly	4 18	22-Apr-16 27-Apr-16	26-Apr-16 19-May-16	0%							
Walls & top slab construction	6	20-May-16	26-May-16	0%							
Removal of strut S2 & Backfilling up to required level	6	03-Jun-16	10-Jun-16	0%	rel						
Pile A39/A37 CJ to Pile A37/A35 CJ											
ELS Excavation to 0.5m below strut S2	4	17-Feb-16	20-Feb-16	100%							
Installation of strut S2	6	22-Feb-16	27-Feb-16	100%					++ 		
Excavation to 0.5m below strut S1	5	01-Mar-16	05-Mar-16	100%							
Installation of strut S1 Excavation to FEL	5 5	07-Mar-16 12-Mar-16	11-Mar-16 17-Mar-16	100% 100%	-						
Box Culvert Structure	5	12-11/12-10	17-10101-10	100 %							
Pile cap construction	10	02-Apr-16	14-Apr-16	100%							
Base slab construction including kicker	6	22-Apr-16	28-Apr-16	0%	-						
Removal of strut S1 Walls & top slab construction	4 6	29-Apr-16 27-May-16	04-May-16 02-Jun-16	0%							
Removal of strut S2 & Backfilling up to required level	6	11-Jun-16	17-Jun-16	0%	llevel						
Pile A37/A35 CJ to Pile A35/A33 CJ	-										·
ELS		00 Eth 40	05 E-h 40	1000/							
Excavation to 0.5m below strut S2 Installation of strut S2	4 6	22-Feb-16 26-Feb-16	25-Feb-16 03-Mar-16	100%	-						
Excavation to 0.5m below strut S1	5	07-Mar-16	11-Mar-16	100%							
Installation of strut S1	5	12-Mar-16	17-Mar-16	100%							
Excavation to FEL Box Culvert Structure	5	18-Mar-16	23-Mar-16	100%							
Pile cap construction	10	15-Apr-16	26-Apr-16	100%							
Base slab construction including kicker	6	29-Apr-16	06-May-16	0%							
Removal of strut S1 Walls & top slab construction	4	07-May-16 03-Jun-16	11-May-16	0%							
Removal of strut S2 & Backfilling up to required level	6	18-Jun-16	10-Jun-16 24-Jun-16	0%	red level						
Pile A35/A33 CJ to Pile A33/P117 CJ											
ELS	,								¦		
Excavation to 0.5m below strut S2 Installation of strut S2	4 6	26-Feb-16 02-Mar-16	01-Mar-16 08-Mar-16	100%							
Excavation to 0.5m below strut S1	5	12-Mar-16	17-Mar-16	100%							
Installation of strut S1	5	18-Mar-16	23-Mar-16	100%							
Excavation to FEL	5	24-Mar-16	01-Apr-16	100%							
Box Culvert Structure Pile cap construction	10	27-Apr-16	09-May-16	100%	-						
Base slab construction including kicker	6	10-May-16	17-May-16	0%							
Removal of strut S1	4	18-May-16	21-May-16	0%							
Walls & top slab construction	6	11-Jun-16	17-Jun-16	0%							
Pile A33/P117 CJ to Pile P113/P109 CJ Box Culvert Structure											
Box Culvert Structure Base slab construction including kicker	6	18-May-16	24-May-16	0%	-						
Removal of strut S1	4	25-May-16	28-May-16	0%							
Walls & top slab construction	6	18-Jun-16	24-Jun-16	0%							
Pile P113/P109 CJ to Pile P105/P101 CJ Box Culvert Structure											
Base slab construction including kicker	6	25-May-16	31-May-16	50%	-						
Removal of strut S1	4	01-Jun-16	04-Jun-16	0%							
Pile P105/P101 CJ to Pile P97/P93 CJ											
Box Culvert Structure Base slab construction including kicker	6	01-Jun-16	07-Jun-16	0%							
Removal of strut S1	4	08-Jun-16	13-Jun-16	0%							
Pile P97/P93 CJ to Pile P89/P85 CJ	1			·							
Box Culvert Structure	<u>^</u>	00 1 10	15 1	500/							
Base slab construction including kicker Removal of strut S1	6 4	08-Jun-16 16-Jun-16	15-Jun-16 20-Jun-16	50% 0%	-						
Pile P89/P85 CJ to Pile P81/P77 CJ	-		_0 0011-10	0 /0	-						
Box Culvert Structure											
Base slab construction including kicker	6	16-Jun-16	22-Jun-16	0%							1
3 of 11 Planned Bar TMCLK - Nort	thern C	Connection	Sub-Sea	Tunnel	Section					Revision Che JIGEN/PRG/98507 WYu	SPo
Planned Bar - Critical	ile el M	orke Do	· · · · · · · · · · · · · · · · · · ·			香	寶嘉		28-Aug-14 TMCLK/DB	JGEN/PRG/98507 Rev.B SPa JGEN/PRG/98507 Rev.C CLa JGEN/PRG/98507 Rev.F WYu	WYu WYu
Planned Milestone	lied W	orks Progr	amme (Re	÷v.⊢)		Di Di	。貝茄 ragages ongKong	BOUYGUES TRAVAUX PUBLICS			I
Date: 01-Jan-17 Progress bar Th	ree Mo	onths Rollin	ng Progran	nme		A member of the Bouygues Con	struction group Joint Venture 寶嘉 - 布·	花格勝等			
			-				veniure 頁絡 · 币	1971日1971篇			

/ Name	Orig Dur	DWPF Start	DWPF Finish	% Comp	2016 2017
Removal of strut S1	4	23-Jun-16	27-Jun-16	0%	Oct Nov Dec Jan Feb Mar Apr Ma
Pile P81/P77 CJ to Pile P73/P69 CJ					
Box Culvert Structure Base slab construction including kicker	6	23-Jun-16	29-Jun-16	100%	
Ch250-380 Marine Section Installation of Dewatering & Observation Well Ch 250-380	23	04-Nov-15	30-Nov-15	100%	
1st Pumping Test & Analysis	17	01-Dec-15	19-Dec-15	100%	
Toe Grouting 2nd Pumping test & Analysis	106 25	21-Dec-15	07-May-16 07-May-16	100% 100%	
Remaining toe grouting Ch250-380	51	08-Apr-16 09-May-16	07-May-18 09-Jul-16	100%	
NewActivity	0			0%	
ELS & Structure Geotextile - Phase 2 Reclamation - along combi wall system	4	03-Dec-16	08-Dec-16	0%	Geotextile - Phase 2 Reclamation - along combi wall system
Sand Blanket - Phase 2 Reclamation - along combi wall system	6	08-Dec-16	15-Dec-16	0%	Sand Blanket - Phase 2 Reclamation - along combi wall system
Band Drain - Phase 2 Reclamation - along combi wall system Public Fill - Phase 2 Reclamation - along combi wall system	30	15-Dec-16 23-Jan-17	23-Jan-17 15-Feb-17	0% 0%	Band Drain - Phase 2 Reclamation - along combi w
Pile P73/P69 CJ to Pile P65/P61 CJ					
ELS Excavation to 0.5m below strut S1	9	15-Feb-17	25-Feb-17	0%	Excavation to 0.5m below strut S1
Installation of strut S1	5	25-Feb-17	03-Mar-17	0%	Installation of strut S1
Excavation to FEL	5	03-Mar-17	09-Mar-17	0%	Excavațion to FEL
Box Culvert Structure Base slab construction including kicker	6	16-Mar-17	23-Mar-17	0%	Base slab construction i
Pile P65/P61 CJ to Pile P57/P53 CJ					
ELS Excavation to 0.5m below strut S1	9	22-Feb-17	04-Mar-17	0%	Excavation to 0.5m below strut S
Installation of strut S1	5	04-Mar-17	10-Mar-17	0%	Installation of strut S1
Excavation to FEL	5	10-Mar-17	16-Mar-17	0%	Excavation to FEL
Pile P57/P53 CJ to Pile P49/P45 CJ ELS					
Excavation to 0.5m below strut S1	9	01-Mar-17	11-Mar-17	0%	Excavation to 0.5m below stru
Installation of strut S1 Excavation to FEL	5	11-Mar-17 17-Mar-17	17-Mar-17 23-Mar-17	0% 0%	Excavation to FEL
Pile P49/P45 CJ to Pile P41/P37 CJ					
ELS		08-Mar-17	10 Mar 17	0%	
Excavation to 0.5m below strut S1 Pile P41/P37 CJ to Pile P33/P29 CJ	9	00-IVIAI-17	TO-IVIAT-17	0%	Excavation to 0.5m below:
ELS					
Excavation to 0.5m below strut S1 Miscellaneous works	9	15-Mar-17	25-Mar-17	0%	Excavation to 0.5m bel
Inspection Manhole (IM)					
Inspection Manhole IM-01 to IM-04 & backfilling to +6.0mPD Inspection Manhole IM-09 to IM-12 & backfilling to +6.0mPD	12	24-Sep-15	09-Oct-15	0%	
Stop Log Opening (SLO)	18	20-Oct-16	09-Nov-16	0%	Inspection Manhole IM-09 to IM-12 & backfilling to +6.0mPD
SLO-01 to SLO-05 & backfilling to +6.0mPD	24	10-Oct-15	07-Nov-15	0%	
Balance Hole (BH) BH-01 to BH-03 & backfilling to +6.0mPD	18	03-Sep-15	23-Sep-15	0%	
BH-04 to BH-06 & backfilling to +6.0mPD	18	05-Sep-16	26-Sep-16	0%	BH-04 to BH-06 & backfilling to +6.0mPD
BH-07 to BH-09 & backfilling to +6.0mPD	18	10-Nov-16	30-Nov-16	0%	BH-07 to BH-09 & backfilling to +6.0mPD
Desilting Opening (DO) DO-01 to DO-04 & backfilling to +6.0mPD	18	27-Sep-16	19-Oct-16	0%	DQ-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	35	24-May-14	27-Jun-14	90%	
SO Approval with Condition Received North Ventilation Shaft	0		27-Jun-14	0%	
Construction					
North Ventilation Shaft Structure				000/	
NVS - ML03 Tunnel Structure NVS - ML02 Tunnel Structure	47	19-May-16 05-Apr-16	15-Jul-16 27-May-16	30% 46%	
TMCLK VO-008 - Construction of Viaduct Foundations at Portion N6A					
Viaduct Pile Cap Construction					
Pier G1b					
Pile Cap G1b - ELS Foundation	24	03-Dec-16	04-Jan-17	0%	Pile Cap G1b - ELS Foundation
Pile Cap G1b - Removal of Existing ground slab Pile Cap G1b - Excavation & ELS Installation	6 15	04-Jan-17 11-Jan-17	11-Jan-17 04-Feb-17	0% 0%	Pile Cap G1b - Removal of Existing ground slab Pile Cap G1b - Excavation & ELS Installation
Pile Cap G1b - Blinding Concrete	3	04-Feb-17	08-Feb-17	0%	Pile Cap G1b - Blinding Concrete
Pile Cap G1b - Rebar & Concreting Pile Cap G1b - Backfilling & Temp Reinstatement	18 6	08-Feb-17 01-Mar-17	01-Mar-17 08-Mar-17	0% 0%	Pile Cap G1b - Rebar & Concretin
Pile Cap C1b - Backlilling & lemp Reinstatement Pier H1b	0	v i -ividi - 1 /		0 /0	Pile Cap G1b - Backfilling & Te
Pile Cap H1b - ELS Foundation	24	08-Mar-17	06-Apr-17	0%	Pile Cap H1b - El
	24				
Pier G1c Pile Cap G1c - Preparation for ELS	6	24-Oct-14	30-Oct-14	0%	
		24-Oct-14 31-Oct-14	30-Oct-14 06-Nov-14	0% 0%	
Pile Cap G1c - Preparation for ELS Pile Cap G1c - Removal of Existing ground slab Pile Cap G1c - Excavation & ELS Installation	6 6 12	31-Oct-14 07-Nov-14	06-Nov-14 20-Nov-14	0% 0%	
Pile Cap G1c - Preparation for ELS Pile Cap G1c - Removal of Existing ground slab	6	31-Oct-14	06-Nov-14	0%	
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	6 6 12 3	31-Oct-14 07-Nov-14 21-Nov-14	06-Nov-14 20-Nov-14 24-Nov-14	0% 0% 0%	
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	6 6 12 3 18 6	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14	06-Nov-14 20-Nov-14 24-Nov-14 15-Dec-14 22-Dec-14	0% 0% 0% 0%	
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	6 6 12 3 18	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14	06-Nov-14 20-Nov-14 24-Nov-14 15-Dec-14	0% 0% 0% 0%	
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 Pile Cap H1c - Preparation for ELS Pile Cap H1c - Removal of Existing ground slab North Approach TBM Tunnelling & Cross Passage	6 6 12 3 18 6 	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15	06-Nov-14 20-Nov-14 24-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15	0% 0% 0% 0%	
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 North Approach TBM Tunnelling & Cross Passage Construction	6 6 12 3 18 6 	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15	06-Nov-14 20-Nov-14 24-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15	0% 0% 0% 0%	
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 Pile Cap H1c - Preparation for ELS Pile Cap H1c - Removal of Existing ground slab North Approach TBM Tunnelling & Cross Passage	6 6 12 3 18 6 	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15	06-Nov-14 20-Nov-14 24-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15	0% 0% 0% 0%	Gántry Ren
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 North Approach TBM Tunnelling & Cross Passage Construction Northern Landfall Surface Setup for TBM operation Gantry Removal at North TBM Launching Shaft	6 6 12 3 18 6 6 6 6	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15 09-Nov-15 17-Mar-17	06-Nov-14 20-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15 14-Nov-15 19-Apr-17	0% 0% 0% 0% 0%	
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 North Approach TBM Tunnelling & Cross Passage Construction Northern Landfall Surface Setup for TBM operation Gantry Removal at North TBM Launching Shaft 4 of 11	6 6 12 3 18 6 6 6 6 24 - Northern C	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15 09-Nov-15 17-Mar-17	06-Nov-14 20-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15 14-Nov-15 19-Apr-17	0% 0% 0% 0% 0% 0%	I Section
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 North Approach TBM Tunnelling & Cross Passage Construction Northern Landfall Surface Setup for TBM operation Gantry Removal at North TBM Launching Shaft 4 of 11	6 6 12 3 18 6 6 6 6	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15 09-Nov-15 17-Mar-17	06-Nov-14 20-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15 14-Nov-15 19-Apr-17	0% 0% 0% 0% 0% 0%	el Section 音寶嘉 progages Forward Ways Forward Ways Fo
Pile Cap G1c - Preparation for ELS Pile Cap G1c - Removal of Existing ground slab Pile Cap G1c - Excavation & ELS Installation Pile Cap G1c - Binding 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 North Approach TBM Tunnelling & Cross Passage Construction Northern Landfall Surface Setup for TBM operation Gantry Removal at North TBM Launching Shaft 4 of 11 Planned Bar Planned Bar	6 6 12 3 18 6 6 6 6 24 - Northern C Detailed W	31-Oct-14 07-Nov-14 21-Nov-14 25-Nov-14 16-Dec-14 02-Nov-15 09-Nov-15 17-Mar-17	06-Nov-14 20-Nov-14 15-Dec-14 22-Dec-14 07-Nov-15 14-Nov-15 19-Apr-17 Sub-Sea	0% 0% 0% 0% 0% 0%	Pl Section 音寶嘉 港目 嘉 (12-Eb-14) TMCLKDBJGENPRG98507 RevE) 28-Aug-14) TMCLKDBJGENPRG98507 RevE) 28-Aug-14) TMCLKDBJGENPRG98507 RevE) 30-Oe-15 TMCLKDBJGENPRG98507 RevE WYu 30-Oe-15 TMCLKDBJGENPRG98507 RevE

Name	Orig Dur	DWPF Start	DWPF Finish	% Comp	Oct	2016 Nov	Dec	2017 Jan Feb Mar Apr	Ма
Slurry Treatment Plant De commissioning & Removal	48	17-Mar-17	19-May-17	0%					
North Approach Tunnel Internal Structure - NB CP51 - Excavation & Lining completion	0		09-Nov-16	0%	1	◆ CP51	- Excavation 8	Lining completion	
NB - North TBM Tunnel - Corbel & Cable Trough installation	42	31-Aug-16	22-Oct-16	91%				el & Cable Trough installation	
NB - North TBM Tunnel - OHVD Slab installation	42	07-Sep-16	29-Oct-16	0%		1		HVD Slab installation	
NB - North TBM Tunnel - Fire proofing and Provision to E&MS and TCSS Contract for KD1	42	14-Sep-16	05-Nov-16	0%		NB - Noi	rth TBM Tunnel ¦	Fire proofing and Provision to E&MS and TCSS Contra	ict for K
North Approach Tunnel Internal Structure - SB SB - North TBM Tunnel - Corbel & Cable Trough installation	42	22-Oct-16	10-Dec-16	91%		i	¦ 	orth TBM Tunnel - Corbel & Cable Trough installation	
SB - North TBM Tunnel - OHVD Slab installation	42	29-Oct-16	17-Dec-16	3%	1			North TBM Tunnel - OHVD Slab installation	
SB - North TBM Tunnel - Fire proofing & Provision to E&MS and TCSS Contract for KD1	42	05-Nov-16	24-Dec-16	0%				\$B - North TBM Tunnel - Fire proofing & Provision to E&N	/IS and
North Approach Cross Passage CP55 - Traditional Method									
CP Finishing & Demobilization	18	23-May-16	14-Jun-16	100%	1				
CP52 - Pipe Jacking Method							 1 1		
CP Finishing & Demobilization	21	24-Mar-16	22-Apr-16	100%	-				
CP51 - Traditional Method CP Excavation	14	14-Sep-16	28-Sep-16	100%	CP Excavati	'n			
CP Lining	14	28-Sep-16	12-Oct-16	100%	CP Li	i.			
2nd Segment Opening	7	12-Oct-16	19-Oct-16	100%		d Segment O	pening		
CP Finishing & Demobilization	18	19-Oct-16	09-Nov-16	100%		CP Fir	nishing & Demo	pilization	
CP50 - Pipe Jacking Method CP Finishing & Demobilization	21	27-Jun-16	21-Jul-16	100%					
North Ventilation Building	21	27-0011-10	21-501-10	100 /8					
Design Submission				_		.i			
(A11) Submissons 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	28	21-Aug-14	17-Sep-14	92%	1				
IP's No Objection Received	0		17-Sep-14 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%	<u> </u>		1	┥	
(11) DDA for North & South Vent.Bldg. ABWF works		00 D== 11	00 D== 11	000/	1				
IPs/SO'sAdvance Comments/ICE Comments Comments Received	28	03-Dec-14	30-Dec-14 30-Dec-14	88% 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%			1	4	
ICE Approval & Issue Check Cert	18	26-Jan-15	14-Feb-15	0%					
Submit ICE Check Cert to SO IPs Review	6	16-Feb-15 26-Jan-15	25-Feb-15 22-Feb-15	0%	+		<u>.</u>		
IP's Review IP's No Objection Received	28	20-Jali-15	22-Feb-15 22-Feb-15	0%	-		1		
SO's Review	35	26-Jan-15	01-Mar-15	0%	-				
SO Approval with Condition Received	0		02-Mar-15	0%			1	4	
(I2) DDA for North Vent.Bldgs.Structural Design incl.Vent.Connections					.	 	 		
IPs Review Pr's No Objection Received	28	24-Dec-14	20-Jan-15	92% 0%	-		1		
IP's No Objection Received SO's Review	35	24-Dec-14	20-Jan-15 27-Jan-15	0% 92%			1]	
SO Approval with Condition Received	0		27-Jan-15	0%		1	1		
(I3) DDA for North & South Vent.Bldgs. Service and E&M Provision						 	1 1 1		
ICE Approval & Issue Check Cert	12	15-Jan-15	28-Jan-15	100%	_		1		
Submit ICE Check Cert to SO IPs Review	6 28	29-Jan-15 15-Jan-15	04-Feb-15 11-Feb-15	100% 92%	-	1			
IP's No Objection Received	0	10 0411-10	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%					
Construction Substructure	120	28-Jun-16	19-Nov-16	0%	4		hotevot		
Substructure Superstructure	120	28-Jun-16 19-Nov-16	19-Nov-16 24-Apr-17	0%	-	s	ubstructure '		Supers
Iorth Reclamation (Phase 2)						7			
Construction					1				
Dredging - Phase 2 (Zone G)	18	03-Dec-16	24-Dec-16	10%	_			Dredging - Phase 2 (Zone G)	
VS - Rock Grade 400 - Zone G VS - Levelling Stone & Seawall Block - Zone G	9 27	24-Dec-16 07-Jan-17	07-Jan-17 15-Feb-17	0%	-			VS - Rock Grade 400 - Zone G VS - Levelling Stone & Seawall E	Block
VS - Rock Type A - Zone G	10	15-Feb-17	27-Feb-17	0%	-	1 1 1		VS - Levelling Stone & Seawall L	
Vertical Seawall - Bermstone - (Zone G)	18	27-Feb-17	20-Mar-17	0%	1	· · · · · · · · · · · · · · · · · · ·	 ! !	Vertical Seawall	
Vertical Seawall - Seawall Coping - (Zone G)	78	27-Feb-17	06-Jun-17	0%	_		/	/ / /	
Geotextile (Zone G)	11	24-Dec-16	10-Jan-17	0%			-	Geotextile (Zone G)	
Sand Blanket (Zone G) Band Drain (Zone G)	21	31-Dec-16 14-Jan-17	26-Jan-17 25-Feb-17	0%				Sand Blanket (Zone G) Band Drain (Zone G)	
Reclamation - Phase 2	24	14-Jan-17 11-Feb-17	11-Mar-17	0%	+			Band Drain (Zone G) Reclamation - Phase	2
Backfilling to +10mPD - Phase 2	48	25-Feb-17	27-Apr-17	0%	-	1 1 1			Backfi
orth Surface Roadworks, Utility & Drainage works									
Construction		07.	00.1	AC (4				
North Landfall - Underground Sewerage & Drainage - Summary North Landfall - Underground Sewerage & Drainage - Portion N5	408	27-Jan-17 11-Mar-17	26-Jun-18 30-Aug-17	0%	+				
ib-sea Tunnel	139	11 IVICLI - I /	50 Aug-17	0 /0					
ub-sea TBM Tunnelling					1				
Major Procurement					i	1 1 1			
Precast Semgnet ID12.40 - Production for Sub-sea TBM Tunnel					.		¦ 		
ID12.40 TBM Segment Ring Fabrication - 12 rings per day	300	22-Nov-14	19-Dec-15	89%	-				
Design Submission (G1) DDA for TBM Tunnel Lining Structural Design - Sub-sea tunnel					1				
Sub-sea TBM Tunnel Segment - Fabrication	265	06-Oct-14	26-Aug-15	89%	•				
(G3) DDA for TBM Tunnel Internal Structures (Sub-sea)							, , , ,		
Sub-sea Tunnel - Precast Gallery Fabrication	244	22-Jan-15	18-Nov-15	84%	_				
Construction					4				
		14-Aug-16	02-Sep-16	100%	ea TRM Turr		Saturation (O	5 550 to 5330 - 220m)	
Sub-sea TBM Tunnel - NB ID12.2m - S881	10		05 06h-10	100 /0	Ca I DIVI IUNN	with בעט - ופּו			
Sub-sea TBM Tunnel - NB ID12.2m - S881 NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5550 to 5330 - 220m)	18								
Sub-sea TBM Tunnel - NB ID12.2m - S881 NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5550 to 5330 - 220m)	18 Northern (0	I Sub-Sea	Tunnel	Section			Date Revision Checked 12-Feb-14 TMCLKDBJGEN/PRG/98507 WYu 08-Apr-14 TMCLKDBJGEN/PRG/98507 Ray B, Spa	SPo
Sub-sea TBM Tunnel - NB ID12.2m - S881 NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5550 to 5330 - 220m) of 11 Planned Bar ID: TMCLK DWPF 16W25	Northern (Connection			Section	Telefond Te	寶嘉		
Sub-sea TBM Tunnel - NB ID12.2m - S881 NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5550 to 5330 - 220m) of 11 D: TMCLK DWPF 16W25 Planned Bar Planned Bar Planned Bar - Critical Planned Milestone		Connection			Section		寶嘉 ragages ongKong	12-Feb-14 TMCLKDBJGEN/FRG98507 WYu 08-Apr-14 TMCLKDBJGEN/FRG98507 Rev.B SPa 28-Aug-14 TMCLKDBJGEN/FRG98507 Rev.C CLa	SPo WYu
Sub-sea TBM Tunnel - NB ID12.2m - S881 NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5550 to 5330 - 220m) of 11 Planned Bar ID: TMCLK DWPF 16W25	Northern (Detailed W	Connection	ramme (Re	ev. F)		A member of the Bouygues Cor	ragages ongKong	12. Feb-14 TMCLKNDBJGENPRG88507 WYu 08. Apr-14 TMCLKNDBJGENPRG98507 Rev.B SPa 28. Aug-14 TMCLKNDBJGENPRG98507 Rev.C CLa 30-0c-15 TMCLKNDBJGENPRG98507 Rev.F WYu	SPo WYu

Activity Name	Orig Dur	DWPF Start	DWPF Finish	% Comp	2016	2017	
NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5330 to 4950 - 380m)	30	02-Sep-16	02-Oct-16	100%	Oct Nov Dec NB - Sub-sea TBM Tunnel - CDG with S	Jan Feb Mar	Apr May
NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch4950 to 4870 - 80m)	6	02-Oct-16	08-Oct-16	100%	NB - Sub-sea TBM Tuhnel - CDG with	·	·
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4870 to 4750 - 120m)	8	08-Oct-16	16-Oct-16	100%	NB - Sub-sea TBM Tunnel - ALL	JVIUMS silty with Trimix (Ch4870 to 4750 -	120m)
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4750 to 4600 - 150m)	10	16-Oct-16	26-Oct-16	100%		ALLUVIUMS sandy with Trimix (Ch4750 to	1
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4600 to 4400 - 200m) NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4400 to 4300 - 100m)	13	26-Oct-16 08-Nov-16	08-Nov-16 14-Nov-16	100%		nnel - ALLUVIUMS sandy with Trimix (Ch40 Tunnel - ALLUVIUMS sandy with Trimix (O	
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4300 to 4200 - 100m)	6	14-Nov-16	20-Nov-16	76%		M Tunnel - ALLUVIUMS sandy with Trimix	·
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4200 to 3830 - 370m)	26	20-Nov-16	16-Dec-16	0%		Sub-sea TBM Tunnel - ALLUVIUMS silty w	
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3830 to 3710 - 120m) NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3710 to 3590 - 120m)	8	16-Dec-16 24-Dec-16	24-Dec-16 01-Jan-17	0%		NB - Sub-sea TBM Tunnel - ALLUVIUMS s NB - Sub-sea TBM Tunnel - ALLUVIUM	
NB - Sub-sea TBM fullifier - ALLOVIOWS sing with finitia (Cris7 to to 3599 - 12011) NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3590 to 3460 - 130m)	8	01-Jan-17	01-Jan-17 09-Jan-17	0%		NB - Sub-sea TBM Tunnel - ALLOVION	
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3460 to 3360 - 100m)	7	09-Jan-17	16-Jan-17	0%		NB - Sub-sea TBM Tunnel - ALL	UVIUMS silty with Trimix (C
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3360 to 3160 - 200m)	13	16-Jan-17	01-Feb-17	0%			el - ALLUVIUMS sandy with
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3160 to 3060 - 100m) NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3060 to 2920 - 140m)	10	01-Feb-17 08-Feb-17	08-Feb-17 18-Feb-17	0%			Innel - ALLUVIUMS silty wi
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2920 to 2820 - 100m)	7	18-Feb-17	25-Feb-17	0%			TBM Tunnel ALLUVIUMS
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch2820 to 2720 - 100m)	6	25-Feb-17	03-Mar-17	0%	· · · · · · · · · · · · · · · · · · ·	NB - Sub-\$	ea TBM Tunnel - ALLUVIL
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2720 to 2673 - 47m)	3	03-Mar-17	06-Mar-17	0%			-sea TBM Tuninel - ALLUVI
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2673 to 2574 - 99m) NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2574 to 2512 - 62m)	7	06-Mar-17 13-Mar-17	13-Mar-17 17-Mar-17	0%			ub-sea TBM Tunnel - ALLI Sub-sea TBM Tunnel - AL
Sub-sea TBM Tunnel - SB ID12.2m - S882		To mar 17		0,0			
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4621 to 4421 - 200m)	13	12-Sep-16	25-Sep-16	100%	6B - Sub-sea TBM Tunnel - ALLUVIUMS s	andy with Trimix (Ch4621 to 4421 - 200m)	·
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4421 to 4321 - 100m)	6	25-Sep-16	01-Oct-16	100%		6 silty with Trimix (Ch4421 to 4321 - 100m)	1
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4321 to 4221 - 100m) SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4221 to 3851 - 370m)	6 26	01-Oct-16 07-Oct-16	07-Oct-16 02-Nov-16	100%		MS sandy with Trimix (Ch4321 to 4221 - 1 I - ALLUVIUMS silty with Trimix (Ch4221 to	
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3851 to 3731 - 120m)	8	02-Nov-16	10-Nov-16	100%		unnel - ALLUVIUMS sandy with Trimix (Ch	ľ
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3731 to 3611 - 120m)	8	10-Nov-16	18-Nov-16	100%	·	I Tunnel - ALLUVIUMS silty with Trimix (Cl	
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3611 to 3481 - 130m)	8	18-Nov-16	26-Nov-16	100%		TBM Tunnel - ALLUVIUMS sandy with Trin	· · · · · · · · · · · · · · · · · · ·
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3481 to 3381 - 100m) SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3381 to 3181 - 200m)	7 13	26-Nov-16 03-Dec-16	03-Dec-16 16-Dec-16	100%		ea TBM Tunnel - ALLUVIUMS silty with Tri Sub-sea TBM Tunnel - ALLUVIUMS sand	
SB - Sub-sea TBM Tunnel - ALLUVIUMS saidy with Trimix (Ch3181 to 3081 - 2001) SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3181 to 3081 - 100m)	7	16-Dec-16	23-Dec-16	80%		B - Sub-sea TBM Tunnel - ALLUVIUMS sand	
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3081 to 2941 - 140m)	10	23-Dec-16	02-Jan-17	0%		SB - Sub-sea TBM Tunnel - ALLUVIUN	IS silty with Trimix (Ch3081
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2941 to 2841 - 100m)	7	02-Jan-17	09-Jan-17	0%		SB - Sub-sea TBM Tunnel - ALLUV	
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch2841 to 2741 - 100m) SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2741 to 2694 - 47m)	6	09-Jan-17 15-Jan-17	15-Jan-17 18-Jan-17	0%		SB - Sub-sea TBM Tunnel - ALL SB - Sub-sea TBM Tunnel - ALL	5
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2694 to 2595 - 99m)	7	18-Jan-17	25-Jan-17	0%		SB - Sub-sea TBM Tunnel -	
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2595 to 2533 - 62m)	4	25-Jan-17	01-Feb-17	0%	· · · · · · · · · · · · · · · · · · ·	SB - Sub-sea TBM Tunn	el - ALLUVIUMS silty with T
SB - TBM Removal at Southern Landfall	60	01-Feb-17	02-Apr-17	0%			SB - TBM Removal at S
Sub-sea TBM Tunnel - NB - Precast Invert Gallery NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP39	3	02-Sep-16	05-Sep-16	100%	sea TBM Tunnel - Precast Invert Gallery -	Completion to CP39	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP38	8	07-Sep-16	15-Sep-16		Sub-sea TBM Tunnel - Precast Invert Gall		
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP37	8	15-Sep-16	23-Sep-16	100%	IB - Sub-sea TBM Tunnel - Precast Invert (allery - Completion to CP37	·
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP36	8	23-Sep-16	01-Oct-16	100%	NB - Sub-sea TBM Tunnel - Precast Inv		
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP35 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP34	8	01-Oct-16 08-Oct-16	08-Oct-16 16-Oct-16	100%	NB - Sub-sea TBM Tunnel - Precast	nvert Gallery - Completion to CP35 ast Invert Gallery - Completion to CP34	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP33	4	16-Oct-16	20-Oct-16	100%		ecast Invert Gallery - Completion to CP34	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP32	6	20-Oct-16	26-Oct-16	100%	NB - Sub-sea'TBM Tunnel -	Precast Invert Gallery - Completion to CP3	2
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP31	8	26-Oct-16	03-Nov-16	100%		el - Precast Invert Gallery - Completion to C	1
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP30 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP29	6	03-Nov-16 09-Nov-16	09-Nov-16 15-Nov-16	100%		nnel - Precast Invert Gallery - Completion Tunnel - Precast Invert Gallery - Completio	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP28	6	15-Nov-16	21-Nov-16	50%		BM Tunnel - Precast Invert Gallery - Complete	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP27	7	21-Nov-16	28-Nov-16	0%	NB - Sub-se	a TBM Tunnel - Precast Invert Gallery - Cor	mpletion to CP27
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP26	7	28-Nov-16	05-Dec-16	0%		sea TBM Tunnel - Precast Invert Gallery -	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP25 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP24	7	05-Dec-16 12-Dec-16	12-Dec-16 19-Dec-16	0%		ub-sea TBM Tunnel - Precast Invert Galler 3 - Sub-sea TBM Tunnel - Precast Invert Ga	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP23	6	19-Dec-16	25-Dec-16	0%		NB - Sub-sea TBM Tunnel - Precast Invert	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP22	7	25-Dec-16	01-Jan-17	0%		NB - Sub-sea TBM Tunnel - Precast Inv	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP21	5	01-Jan-17	06-Jan-17	0%		NB - Sub-sea TBM Tuhnel - Precast I	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP20 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP19	8	06-Jan-17 14-Jan-17	14-Jan-17 20-Jan-17	0%		NB - Sub-sea TBM Tunnel - Preo NB - Sub-sea TBM Tunnel - Pr	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP18	6	20-Jan-17	26-Jan-17	0%		NB - Sub-sea TBM Tunnel -	
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP17	7	26-Jan-17	05-Feb-17	0%		NB - Sub-sea TBM Tun	nel - Precast Invert Galler
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP16	7	05-Feb-17	12-Feb-17	0%			Tunnel - Precast Invert Gal
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP15 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP14	7	12-Feb-17 19-Feb-17	19-Feb-17 26-Feb-17	0%			BM Tunnel - Precast Invert
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP14	6	26-Feb-17	04-Mar-17	0%			a TBM Tunnel - Precast Inv sea TBM Tunnel - Precast I
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP12	7	04-Mar-17	11-Mar-17	0%		·	ub-sea TBM Tunnel - Prec
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP11	6	11-Mar-17	17-Mar-17	0%		NB T	Sub-sea TBM Tunnel - Pr
NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP10	6	17-Mar-17	23-Mar-17	0%		N	B - Sub-sea TBM Tunnel -
Sub-sea TBM Tunnel - SB - Precast Invert Gallery SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP32	6	15-Sep-16	21-Sep-16	100%	B - Sub-sea TBM Tunnel - Precast Invert G	ullery - Completion to CP32	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP31	10	21-Sep-16	01-Oct-16	100%	SB - Sub-sea TBM Tunnel - Precast Inventor		
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP30	7	01-Oct-16	08-Oct-16	100%	SB - Sub-sea TBM Tunnel - Precast	nvert Gallery - Completion to CP30	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP29	6	08-Oct-16	14-Oct-16	100%	SB - Sub-sea TBM Tunnel - Preca		
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP28	11	14-Oct-16	25-Oct-16	100%		Precast Invert Gallery - Completion to CP28	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP27 SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP26	6 11	25-Oct-16 31-Oct-16	31-Oct-16 11-Nov-16	100%	iiii	- Precast Invert Gallery - Completion to C	·
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP25	6	11-Nov-16	17-Nov-16	100%	1 1	1 Tunnel - Precast Invert Gallery - Completion	1
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP24	8	17-Nov-16	25-Nov-16	100%		TBM Tunnel - Precast Invert Gallery - Com	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP23	13	25-Nov-16	08-Dec-16	100%		b-sea TBM Tunnel - Precast Invert Gallery	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP22 SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP21	8	08-Dec-16 16-Dec-16	16-Dec-16 25-Dec-16	100%	<u></u>	Sub-sea TBM;Tunnel - Precast Invert Gall SB - Sub-sea TBM Tunnel - Precast Invert	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP20	7	25-Dec-16	01-Jan-17	100%		SB - Sub-sea TBM Tunnel - Precast Invert	i i
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP19	7	01-Jan-17	08-Jan-17	100%		SB - Sub-sea TBM Tunnel - Precast	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP18	12	08-Jan-17	20-Jan-17	100%		SB - Sub-sea TBM Tunnel - Pr	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP17 SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP16	6	20-Jan-17	26-Jan-17	17% 0%		SB - Sub-sea TBM Tunnel	
	10	26-Jan-17	08-Feb-17	0%		SB - Sub-sea TBM Tu	innel - Precast Invert Galle
		Connection	Cub Coo	Tunnel	Section	Date Revision 12-Feb-14 TMCLK/DBJ/GEN/PRG/9850	
Page 6 of 11 TMCLK - N	Northern C	Jonnection	Sub-Sea	Turnici	Coolion	00 A	7 Rev. B SPa WYu
Project ID: TMCLK DWPF 16W25						08-Apr-14 TMCLKDBJGEN/PRG/9850 28-Aug-14 TMCLKDBJGEN/PRG/9850 30-Oct-15 TMCLKDBJGEN/PRG/9850	7 Rev.C CLa WYu
Project ID: TMCLK DWPF 16W25		orks Progr			た た た 理 語 Dragages	28-Aug-14 TMCLK/DBJGEN/PRG/9850	7 Rev.C CLa WYu
Project ID: TMCLK DWPF 16W25 Planned Bar - Critical ▶ ▶ Planned Milestone Data Date: 01-Jan-17 Progress bar	etailed W		ramme (Re	ev. F)	tereber of the Bourguess Construction group	28-Aug-14 TMCLKOBUGENPRG9850 30-Oc-15 TMCLKOBUGENPRG9850	7 Rev.C CLa WYu
Project ID: TMCLK DWPF 16W25	etailed W Three Mo	/orks Progr	ramme (Re ng Prograr	ev. F) mme	た た た 理 語 Dragages	28-Aug-14 TMCLKOBUGENPRG9850 30-Oc-15 TMCLKOBUGENPRG9850	7 Rev.C CLa WYu

y Name	Orig	DWPF	DWPF	%					
	Dur	Start	Finish	Comp	2016 Oct Nov	Dec	Jan	2017 Feb Mar Apr	Ma
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP15	7	08-Feb-17	15-Feb-17	0%				SB - Sub-sea TBM Tunnel - Pre	cast Inve
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP14	7	15-Feb-17	22-Feb-17	0%				SB - Sub-sea TBM Tunnel - I	Precast
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP13	13	22-Feb-17	07-Mar-17	0%				SB - Sub-sea TBM Tur	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP12	8	07-Mar-17	15-Mar-17	0%				SB - Sub-sea TBM	
SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP11	11	15-Mar-17	26-Mar-17	0%				SB - Sub-sea	TBM Tu
Sub-sea Tunnel Cross Passage & Internal Structure Construction				_					
Sub-sea Tunnel Cross Passage				_					
CP48 - ML03 - Ch6489									
CP - Pipe Jacking Method - Break-out & Demobilization	11	22-Jul-16	02-Aug-16	100%	l - Break-out & Demobilizat	¦ ion			
CP - Remaining Internal Structure & Finishing	21	02-Aug-16	26-Aug-16	100%	g Internal Structure & Finis				
CP47 - ML03 - Ch6390			1						
CP - Remaining Internal Structure & Finishing	21	08-Aug-16	31-Aug-16	90%	ning Internal Structure & Fir	nİshing			
CP46 - ML03 - Ch6292									
CP - Pipe Jacking Method - Setup & Assembly	23	07-Jul-16	03-Aug-16	100%	d - Setup & Assembly				
CP - Pipe Jacking Method - Break-in & Excavation	10	03-Aug-16	13-Aug-16	100%	ethod - Break in & Excavat	ion			
CP - Pipe Jacking Method - Break-out & Demobilization	12	13-Aug-16	25-Aug-16	100%	ing Method - Break-out & D	emobilization			
CP - Remaining Internal Structure & Finishing	21	25-Aug-16	20-Sep-16	0%	- Remaining Internal Struc	ture & Finishin	9		
CP45 - ML03 - Ch6193									
CP - Pipe Jacking Method - Setup & Assembly	23	12-Jul-16	08-Aug-16	100%	od - Setup & Assembly				
CP - Pipe Jacking Method - Break-in & Excavation	10	08-Aug-16	18-Aug-16	100%	Method - Break-in & Excav	1			
CP - Pipe Jacking Method - Break-out & Demobilization CP - Remaining Internal Structure & Finishing	12	18-Aug-16	30-Aug-16	100% 85%	cking Method - Break-out &	1			
	21	30-Aug-16	24-Sep-16	63 /6	P - Remaining Internal Str	ucture & Finish	ung		
CP44 - ML03 - Ch6095 CP - Pipe Jacking Method - Setup & Assembly	23	01-Aug-16	27-Aug-16	100%	king Method	ombly		·	
CP - Pipe Jacking Method - Setup & Assembly CP - Pipe Jacking Method - Break-in & Excavation	10	27-Aug-16	27-Aug-16 06-Sep-16	100%	king Method - Setup & Ass Jacking Method - Break-ir				
CP - Pipe Jacking Method - Break-in & Excavation CP - Pipe Jacking Method - Break-out & Demobilization	10	06-Sep-16	18-Sep-16	100%	- Pipe Jacking Method - Break-Ir	i	hilization		
CP - Remaining Internal Structure & Finishing	21	19-Sep-16	14-Oct-16	85%	- Pipe Jacking Method - Br	1			
CP43 - ML03 - Ch5996	<u> </u>			5576					
CP - Pipe Jacking Method - Setup & Assembly	23	06-Aug-16	02-Sep-16	100%	lacking Method - Setup & A	sembly		· · · · · · · · · · · · · · · · · · ·	
CP - Pipe Jacking Method - Setup & Assembly CP - Pipe Jacking Method - Break-in & Excavation	10	00-Aug-16 02-Sep-16	12-Sep-16	100%	ipe Jacking Method - Setup & A		on		
CP - Pipe Jacking Method - Break-nut & Demobilization	10	12-Sep-16	24-Sep-16	100%	CP - Pipe Jacking Method -	i			
CP - Remaining Internal Structure & Finishing	21	24-Sep-16	21-Oct-16	60%	CP - Pipe Jacking Method -			a	
CP42 - ML03 - Ch5898				5570					
CP - Pipe Jacking Method - Setup & Assembly	23	24-Aug-16	21-Sep-16	100%	P - Pipe Jacking Method - S	Setup & Assem		· · · · · · · · · · · · · · · · · · ·	
CP - Pipe Jacking Method - Break-in & Excavation	10	21-Sep-16	01-Oct-16	100%	CP - Pipe Jacking Metho		1 ·		
CP - Pipe Jacking Method - Break-out & Demobilization	12	01-Oct-16	13-Oct-16	100%	CP - Pipe Jacking I	i i		ization	
CP - Remaining Internal Structure & Finishing	21	12-Oct-16	05-Nov-16	0%	-	maining Interna		1 1 1 1	
CP41 - ML03 - Ch5800						5			
CP - Pipe Jacking Method - Setup & Assembly	23	29-Aug-16	24-Sep-16	100%	CP - Pipe Jacking Method	Setup & Asser	blv	<u>1</u> <u>1</u> <u>1</u> <u>1</u>	
CP - Piping Jacking Method - Break-in & Excavation	10	25-Sep-16	04-Oct-16	100%	CP - Piping Jacking Me	thod - Break-ir	& Excavation		
CP - Pipe Jacking Method - Break-out & Demobilization	12	05-Oct-16	16-Oct-16	100%	CP - Pipe Jacking	i i		i i i i	
CP - Remaining Internal Structure & Finishing	21	17-Oct-16	09-Nov-16	0%	-	demaining Inter		1 1 1 1	
CP40 - ML03 - Ch5703								-	
CP - Pipe Jacking Method - Setup & Assembly	23	05-Sep-16	04-Oct-16	100%	CP - Pipe Jacking Meth	iod - Setup &/	ssembly		
CP - Piping Jacking Method - Break-in & Excavation	10	13-Oct-16	23-Oct-16	0%	CP - Piping Ja			cavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	23-Oct-16	04-Nov-16	0%	CP - Pip	e Jacking Meth	od - Break-out	& Demobilization	
CP - Remaining Internal Structure & Finishing	21	04-Nov-16	29-Nov-16	0%		CP - Remain	ning Internal St	ructure & Finishing	
CP39 - ML03 - Ch5607			1						
CP - Pipe Jacking Method - Setup & Assembly	23	15-Sep-16	15-Oct-16	100%	CP - Pipe Jacking	Method - Set	p & Assembly		
CP - Piping Jacking Method - Break-in & Excavation	10	17-Oct-16	26-Oct-16	0%	CP - Piping	Jacking Method	d - Break-in & E	xcavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	27-Oct-16	07-Nov-16	0%	CP - Pi	pe Jacking Met	thod - Break-oເ	It & Demobilization	
CP - Remaining Internal Structure & Finishing	21	08-Nov-16	01-Dec-16	0%		CP - Rema	ining Internal S	structure & Finishing	
CP38 - ML03 - Ch5510									
CP - Pipe Jacking Method - Setup & Assembly	23	23-Sep-16	22-Oct-16	80%	CP - Pipe Jack	ing Method - S	Setup & Assemt	bly	
CP - Piping Jacking Method - Break-in & Excavation	10	04-Nov-16	14-Nov-16	0%	CP	- Piping Jacking	g Method - Bre	ak-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	14-Nov-16	26-Nov-16	0%		CP - Pipe Jac	king Method -	Break-out & Demobilization	
CP - Remaining Internal Structure & Finishing	21	26-Nov-16	21-Dec-16	0%		C	P - Remaining	Internal Structure & Finishing	
CP37 - ML03 - Ch5413			,			 			
CP - Pipe Jacking Method - Setup & Assembly	23	03-Oct-16	29-Oct-16	10%	CP - Pipe J	acking Method	- Setup & Ass	embly	_
CP - Piping Jacking Method - Break-in & Excavation	10	08-Nov-16	17-Nov-16	0%			-	eak-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	18-Nov-16	29-Nov-16	0%			-	- Break-out & Demobilization	
CP - Remaining Internal Structure & Finishing	21	30-Nov-16	23-Dec-16	0%			CP - Remaining	Internal Structure & Finishing	
CP36 - ML03 - Ch5315	,							· · · · · · · · · · · · · · · · · · ·	
CP - Pipe Jacking Method - Setup & Assembly	23	08-Oct-16	05-Nov-16	10%	CP - Pip	e Jacking Meth			
CP - Piping Jacking Method - Break-in & Excavation	10	26-Nov-16	06-Dec-16	0%				thod - Break-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	06-Dec-16	18-Dec-16	0%	_	CP_CP		Method - Break-out & Demobilization	
CP - Remaining Internal Structure & Finishing	21	19-Dec-16	14-Jan-17	0%	_		CP -	Remaining Internal Structure & Finishing	
CP35 - ML03 - Ch5217		17.0 ***	44.51	20-1				· · · · · · · · · · · · · · · · · · ·	
CP - Pipe Jacking Method - Setup & Assembly	23	17-Oct-16	11-Nov-16	10%	CP -	Pipe Jacking M	· ·		
CP - Piping Jacking Method - Break-in & Excavation	10	30-Nov-16	09-Dec-16	0%				ethod - Break-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	10-Dec-16	21-Dec-16	0%	-			g Method - Break-out & Demobilization	
CP - Remaining Internal Structure & Finishing	21	22-Dec-16	18-Jan-17	0%			CP	- Remaining Internal Structure & Finishing	þ
CP34 - ML03 - Ch5118		6 1 1					l		
CP - Pipe Jacking Method - Setup & Assembly	23	20-Oct-16	16-Nov-16	0%	CP	- Pipe Jacking			
CP - Piping Jacking Method - Break-in & Excavation	10	18-Dec-16	28-Dec-16	0%				acking Method - Break-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization	12	28-Dec-16	09-Jan-17	0%	-		CP - Pi	e Jacking Method - Break-out & Demobil	
CP - Remaining Internal Structure & Finishing	21	09-Jan-17	08-Feb-17	0%				CP - Remaining Internal Structure 8	k ⊢ınish
CP33 - ML03 - Ch5020			00 N	001					
CP - Pipe Jacking Method - Setup & Assembly	23	26-Oct-16	22-Nov-16	0%		ųΡ - Pipe Jacki	-	etup & Assembly	
CP - Piping Jacking Method - Break-in & Excavation	10	22-Dec-16	31-Dec-16	0%	-			Jacking Method - Break-in & Excavation	::::= - *'
CP - Pipe Jacking Method - Break-out & Demobilization	12	01-Jan-17	12-Jan-17	0%	-		CP-F	Pipe Jacking Method - Break-out & Demod	
CP - Remaining Internal Structure & Finishing	21	13-Jan-17	13-Feb-17	0%			1	CP - Remaining Internal Structur	e & ⊢ini
		00 Needo	20 No. 10	001					
CP32 - ML03 - Ch4921		03-Nov-16	30-Nov-16	0%		CP - Pipe J	-	- Setup & Assembly	0
CP - Pipe Jacking Method - Setup & Assembly	23	00.1	10	10%	1		📕 📕 CF	- Piping Jacking Method - Break-in & Exc	
CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method - Break-in & Excavation	10	09-Jan-17	19-Jan-17		-	1			. I lomo
CP - Pipe Jacking Method - Setup & Assembly		09-Jan-17 19-Jan-17	19-Jan-17 31-Jan-17	0%				CP - Pipe Jacking Method - Break-out	
CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method - Break-in & Excavation CP - Pipe Jacking Method - Break-out & Demobilization	10 12	19-Jan-17	31-Jan-17	0%	Soction			Date Revision Checked	Ар
CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method - Break-in & Excavation CP - Pipe Jacking Method - Break-out & Demobilization 7 of 11	10	19-Jan-17	31-Jan-17	0%	Section			Date Revision Checked 12-Feb-14 TMCLK/DBUGENPRG98507 WYu 08-Apr-14 TMCLK/DBUGENPRG98507 Rev.B SPa	Ap SPo WYu
CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method - Break-in & Excavation CP - Pipe Jacking Method - Break-out & Demobilization 7 of 11 TMCLI Planned Bar Planned Bar - Critical	10 12 K - Northern	19-Jan-17 Connection	31-Jan-17 Sub-Sea	0% Tunnel		寶嘉		Date Revision Checked 12-Feb-14 TMCLK/DBJGEN/PRG/98507 WYu	Ap SPo
CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method - Break-in & Excavation CP - Pipe Jacking Method - Break-out & Demobilization 7 of 11 t ID: TMCLK DWPF 16W25 Planned Bar - Critical Planned Milestone	10 12 K - Northern	19-Jan-17	31-Jan-17 Sub-Sea	0% Tunnel		寶嘉 ragages onaKong	BOUYGUES	Date Revision Cheded 12-Feb-14 TMCLK0BUGENPRG98507 WYu 08-Apr:14 TMCLKDBUGENPRG98507 Rev:B SPa 24-Apr:14 TMCLKDBUGENPRG98507 Rev:C CLa 28-Aug:14 TMCLKDBUGENPRG98507 Rev:C CLa	Ap SPo WYu
CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method - Break-in & Excavation CP - Pipe Jacking Method - Break-out & Demobilization 7 of 11 TMCLI Planned Bar Planned Bar - Critical	10 12 C - Northern Detailed W	19-Jan-17 Connection	31-Jan-17 Sub-Sea ramme (Re	0% Tunnel ev. F)	A member of the Boorygues Cor			Date Revision Cheded 12-Feb-14 TMCLK0BUGENPRG98507 WYu 08-Apr:14 TMCLKDBUGENPRG98507 Rev:B SPa 24-Apr:14 TMCLKDBUGENPRG98507 Rev:C CLa 28-Aug:14 TMCLKDBUGENPRG98507 Rev:C CLa	Ap SPo WYu

Name	Orig Dur		DWPF Finish	% Comp	2016	2017
CP - Remaining Internal Structure & Finishing	21	04-Feb-17	28-Feb-17	0%	Oct Nov Dec	Jan Feb Mar Apr M CP - Remaining Internal Structur
_CP31 - ML03 - Ch4823						
CP - Pipe Jacking Method - Setup & Assembly	23	09-Nov-16	06-Dec-16	0%	CP - Pip	e Jacking Method - Setup & Assembly
CP - Piping Jacking Method - Break-in & Excavation	10	13-Jan-17	22-Jan-17 03-Feb-17	0%		CP - Piping Jacking Method - Break-in & Excavati
CP - Pipe Jacking Method - Break-out & Demobilization CP - Remaining Internal Structure & Finishing	12 21	23-Jan-17 04-Feb-17	28-Feb-17	0%		CP - Pipe Jacking Method - Break-out & De
CP30 - ML03 - Ch4724	21	0410017	2010017	078		
CP - Pipe Jacking Method - Setup & Assembly	23	15-Nov-16	12-Dec-16	0%	CP-F	Pipe Jacking Method - Setup & Assembly
CP - Piping Jacking Method - Break-in & Excavation	10	31-Jan-17	10-Feb-17	0%		CP - Piping Jacking Method - Break-in &
CP - Pipe Jacking Method - Break-out & Demobilization	12	10-Feb-17	22-Feb-17	0%		CP - Pipe Jacking Method - Break-
CP - Remaining Internal Structure & Finishing	21	22-Feb-17	18-Mar-17	0%		CP - Remaining Interna
CP29 - ML03 - Ch4626 CP - Pipe Jacking Method - Setup & Assembly	23	21-Nov-16	17-Dec-16	0%		
CP - Piping Jacking Method - Break-in & Excavation	10	04-Feb-17	13-Feb-17	0%		Pipe Jacking Method - Setup & Assembly
CP - Pipe Jacking Method - Break-out & Demobilization	12	14-Feb-17	25-Feb-17	0%		CP - Pipe Jacking Method - Break
CP - Remaining Internal Structure & Finishing	21	27-Feb-17	22-Mar-17	0%		CP - Remaining Interr
CP28 - ML03 - Ch4527						
CP - Pipe Jacking Method - Setup & Assembly	23	28-Nov-16	24-Dec-16	0%		CP - Pipe Jacking Method - Setup & Assembly
CP - Piping Jacking Method - Break-in & Excavation	10	22-Feb-17	04-Mar-17	0%		CP - Piping Jacking Method - I
CP - Pipe Jacking Method - Break-out & Demobilization	12	04-Mar-17	16-Mar-17	0%		CP - Pipe Jacking Metho
CP - Remaining Internal Structure & Finishing	21	16-Mar-17	11-Apr-17	0%		CP - Remain
CP27 - ML03 - Ch4429 CP - Pipe Jacking Method - Setup & Assembly	23	05-Dec-16	04-Jan-17	0%		
CP - Piping Jacking Method - Break-in & Excavation	10	26-Feb-17	04-Jan-17 07-Mar-17	0%		CP - Pipe Jacking Method - Setup & Assembly CP - Piping Jacking Method
CP - Pipe Jacking Method - Break-out & Demobilization	10	08-Mar-17	19-Mar-17	0%		CP - Piping Jacking Method
CP26 - ML03 - Ch4330						
CP - Pipe Jacking Method - Setup & Assembly	23	12-Dec-16	11-Jan-17	0%		CP - Pipe Jacking Method - Setup & Assembly
CP - Piping Jacking Method - Break-in & Excavation	10	16-Mar-17	26-Mar-17	0%		CP - Piping Jacking
_CP25 - ML03 - Ch4232						
CP - Pipe Jacking Method - Setup & Assembly	23	19-Dec-16	18-Jan-17	0%	-	CP - Pipe Jacking Method - Setup & Assembly
CP24 - ML03 - Ch4133		00.5		8 51		
CP - Pipe Jacking Method - Setup & Assembly CP23 - ML03 - Ch4035	23	28-Dec-16	24-Jan-17	0%		CP - Pipe Jacking Method - Setup & Assembly
CP-23 - ML03 - Ch4035 CP - Pipe Jacking Method - Setup & Assembly	23	03-Jan-17	04-Feb-17	0%		CP - Pipe Jacking Method - Setup & Assem
CP22 - ML03 - Ch3936	20	00 001 17	0110017	0,0		
CP - Pipe Jacking Method - Setup & Assembly	23	06-Jan-17	09-Feb-17	0%		CP - Pipe Jacking Method - Setup & Asse
CP21 - ML03 - Ch3838						
CP - Pipe Jacking Method - Setup & Assembly	23	14-Jan-17	17-Feb-17	0%		CP - Pipe Jacking Method - Setup & A
_CP20 - ML03 - Ch3739						
CP - Pipe Jacking Method - Setup & Assembly	23	20-Jan-17	23-Feb-17	0%		CP - Pipe Jacking Method - Setup
_CP19 - ML03 - Ch3641			1			
CP - Pipe Jacking Method - Setup & Assembly	23	26-Jan-17	01-Mar-17	0%	· · · · · · · · · · · · · · · · · · ·	CP - Pipe Jacking Method - Set
CP18 - ML03 - Ch3542 CP - Pipe Jacking Method - Setup & Assembly	23	06-Feb-17	03-Mar-17	0%		CP - Pipe Jacking Method - Se
CP17 - ML03 - Ch3444		0010011		0,0		
CP - Pipe Jacking Method - Setup & Assembly	23	13-Feb-17	10-Mar-17	0%		CP - Pipe Jacking Method -
CP16 - ML03 - Ch3345						
CP - Pipe Jacking Method - Setup & Assembly	23	20-Feb-17	17-Mar-17	0%		CP + Pipe Jacking Metho
_CP15 - ML03 - Ch3247						
CP - Pipe Jacking Method - Setup & Assembly	23	27-Feb-17	24-Mar-17	0%		CP - Pipe Jacking Me
CP14 - ML03 - Ch3148		04 May 47	04 14 47	001		
CP - Pipe Jacking Method - Setup & Assembly CP13 - ML03 - Ch3050	23	04-Mar-17	31-Mar-17	0%		CP - Pipe Jacking
CP - Pipe Jacking Method - Setup & Assembly	23	11-Mar-17	08-Apr-17	0%		CP - Pipe Jack
CP12 - ML03 - Ch2951						
CP - Pipe Jacking Method - Setup & Assembly	23	17-Mar-17	18-Apr-17	0%		CP-Pipe
Sub-sea TBM Tunnel - NB - Remaining Internal Structure						
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44	5	19-Sep-16	23-Sep-16	0%	B - Sub-sea TBM Tunnel - Corbel & Cable	e Trough - Completion to CP44
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43	5	24-Sep-16	29-Sep-16	0%	NB - Sub-sea TBM Tunnel - Corbel & Ca	ble Trough - Completion to CP43
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42	5	12-Oct-16	17-Oct-16	0%		rbel & Cable Trough - Completion to CP42
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41	5	17-Oct-16	22-Oct-16	0%	i i	Corbel & Cable Trough - Completion to CP41
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP40	5	04-Nov-16	09-Nov-16 14-Nov-16	0%	·	unnel - Corbel & Cable Trough - Completion to CP40
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP39 NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38	5	09-Nov-16 26-Nov-16	14-Nov-16 01-Dec-16	0%		I Tunnel - Corbel & Cable Trough - Completion to CP39 sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP37	5	01-Dec-16	01-Dec-16 06-Dec-16	0%		sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38 b-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP36	5	19-Dec-16	23-Dec-16	0%		NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP35	5	24-Dec-16	28-Dec-16	0%		NB - Sub-sed TBM Tunnel - Corbel & Cable Trough - Comple
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP34	3	09-Jan-17	11-Jan-17	0%		NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - C
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP33	5	12-Jan-17	16-Jan-17	0%		NB - Sub-sea TBM Tunnel - Corbel & Cable Trough
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP32	5	04-Feb-17	08-Feb-17	0%		NB - Sub-sea TBM Tunnel - Corbel & Cab
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP31	5	09-Feb-17	13-Feb-17	0%		NB - Sub-sea TBM Tunnel - Corbel & C
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP30	5	22-Feb-17	27-Feb-17	0%		NB - Sub-sea TBM Tunnel - Cort
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP29	5	27-Feb-17	04-Mar-17	0%		NB - Sub-sea TBM Tunnel - Co
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP28	5	16-Mar-17	21-Mar-17	0%	TRANSING TRANSING OLIVID Slob	NB - Sub-sea TBM Tur
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44 NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43	4	24-Sep-16 29-Sep-16	27-Sep-16 03-Oct-16	0%	NB - Sub-sea TBM Tunnel - OHVD Slab i NB - Sub-sea TBM Tunnel - OHVD Sla	
NB - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP43	4	17-Oct-16	21-Oct-16	0%		HVD Slab installation - Completion to CP43
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41	4	22-Oct-16	26-Oct-16	0%		OHVD Slab installation - Completion to CP41
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP40	4	09-Nov-16	13-Nov-16	0%		Tunnel - OHVD Slab installation - Completion to CP40
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP39	4	14-Nov-16	18-Nov-16	0%	NB - Sub-sea TB	M Tunnel - OHVD Slab installation - Completion to CP39
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP38	4	01-Dec-16	05-Dec-16	0%		o-sea TBM Tunnel - OHVD Slab installation - Completion to CP3
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP37	4	06-Dec-16	10-Dec-16	0%	NB - S	ub-sea TBM Tunnel - OHVD Slab installation - Completion to C
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP36	4	24-Dec-16	27-Dec-16	0%		NB - Sub-sea TBM Tunnel - OHVD Slab installation - Complet
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP35	3	29-Dec-16	31-Dec-16	0%		NB - Sub-sea TBM Tunnel - OHVD Slab installation - Compl
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP34 NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP33	6 5	12-Jan-17 18-Jan-17	17-Jan-17 22-Jan-17	0%		NB - Sub-sea TBM Tunnel - OHVD Slab installation
NB - Sub-sea TBM Tunnel - OHVD Stab Installation - Completion to CP33 NB - Sub-sea TBM Tunnel - OHVD Stab installation - Completion to CP32	5	09-Feb-17	12-Jan-17	0%		 NB - Sub-sea TBM Tunnel - OHVD Slab installation NB - Sub-sea TBM Tunnel - OHVD Slab
	4	00100-17	1210011	0 /0		
	- Northern	Connection	n Sub-Sea	Tunnel	Section	Date Revision Checked A 12-Feb-14 TMCLK/DBJGEN/PRG/98507 WYu SPo
of 11 Planned Bar TMCLK						08-Apr-14 TMCLK/DBJGEN/PRG/98507 Rev.B SPa WYu
Planned Bar - Critical					香卖士	28-Aug-14 TMCLK/DBJGEN/PRG/98507 Rev.C CLa WYu
Planned Bar - Critical	Detailed V	Vorks Prog	ramme (Re	ev. F)	● ^番 寶嘉 Dragages	
D: TMCLK DWPF 16W25		Vorks Prog Ionths Roll			teneted the Europyce Construction group	28-Aug-14 TMCLK/DBJGEN/PRG/88507 Rev.C CLa WYu 30-Od:15 TMCLK/DBJGEN/PRG/88507 Rev.F WYu

	Orig Dur	Start	Finish	Comp			2017
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP31	4	14-Feb-17	17-Feb-17	0%	Oct Nov Dec	Jan	Feb Mar Apr May NB - Sub-sea TBM Tunnel - OHVD Slab ins
3 - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP30	4	27-Feb-17	03-Mar-17	0%			NB - Sub-sea TBM Tunnel - OHVD S
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP29	4	04-Mar-17	08-Mar-17	0%			NB - Sub-sea TBM Tuhnel - OHVI
- Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44	4	28-Sep-16	01-Oct-16	0%	NB - Sub-sea TBM Tunnel - Fire Proofin	g - Completioı	n to CP44
- Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43	4	03-Oct-16	07-Oct-16	0%	NB - Sub-sea TBM Tunnel - Fire Prod	fing - Comple	tion to CP43
- Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42	4	21-Oct-16	25-Oct-16	0%	NB - Sub-sea TBM Tunnel - I	ire Proofing -	Completion to CP42
- Sub-sea TBM Tunnel - Fire Proofing - Completion to CP41	4	26-Oct-16	30-Oct-16	0%	NB - Sub-sea TBM Tunnel	- Fire Proofin	g - Completion to CP41
- Sub-sea TBM Tunnel - Fire Proofing - Completion to CP40	4	13-Nov-16	17-Nov-16	0%	NB - Sub-sea TB	1 Tunnel - Fire	Proofing - Completion to CP40
- Sub-sea TBM Tunnel - Fire Proofing - Completion to CP39	4	18-Nov-16	22-Nov-16	0%	NB - Sub-sea T	BM Tunnel - Fi	ire Proofing - Completion to CP39
3 - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP38	4	05-Dec-16	09-Dec-16	0%	NB - Su	b-sea TBM Tu	nnel - Fire Proofing - Completion to CP38
3 - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP37	4	10-Dec-16	14-Dec-16	0%	NB -	Sub-sea TBM	Tunnel - Fire Proofing - Completion to CP37
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP36	4	28-Dec-16	31-Dec-16	0%		NB - Sub-se	ea TBM Tunnel - Fire Proofing - Completion to CP36
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP35	9	01-Jan-17	09-Jan-17	0%		NB - Su	b-sea TBM Tunnel - Fire Proofing - Completion to Cl
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP34	3	18-Jan-17	20-Jan-17	0%		_	B - Sub-sea TBM Tunnel - Fire Proofing - Completior
IB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP33	1	23-Jan-17	23-Jan-17	0%		۹ ا	NB - Sub-sea TBM Tunnel - Fire Proofing - Completion
IB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32	3	13-Feb-17	15-Feb-17	0%	_		NB- Sub-sea TBM Tunnel - Fire Proofing
IB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP31	3	18-Feb-17	20-Feb-17	0%	_		NB - Sub-sea TBM Tunnel - Fire Proofin
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP30	3	03-Mar-17	06-Mar-17	0%			NB - Sub-sea TBM Tunnel - Fire F
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP29	3	08-Mar-17	11-Mar-17	0%	_		NB - Sub-sea TBM Tunnel - Fire
B - Sub-sea TBM Tunnel - Road Level Fire Proofing	334	17-Mar-17	10-May-18	0%			
b-sea TBM Tunnel - SB - Remaining Internal Structure		10.0	00.0	00/			
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44	5	19-Sep-16	23-Sep-16	0%	B - Sub-sea TBM Tunnel - Corbel & Cable	Ŭ	i i i
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43	5	24-Sep-16	29-Sep-16	0%	SB - Sub-sea TBM Tunnel- Corbel & Ca	, v	
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42	5	12-Oct-16	17-Oct-16	0%	SB Sub-sea TBM Tunnel - Corl		
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41	5	17-Oct-16	22-Oct-16	0%	SB - Sub-sea TBM Tunnel - C		······································
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP40	5	04-Nov-16 09-Nov-16	09-Nov-16 14-Nov-16	0%			& Cable Trough - Completion to CP40
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP39 B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38	5	26-Nov-16	01-Dec-16	0%	- i <u> </u>		el & Cable Trough - Completion to CP39
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP37	5	01-Dec-16	01-Dec-16	0%			el - Corbel & Cable Trough - Completion to CP38
	5	19-Dec-16	23-Dec-16	0%			nel - Corbel & Cable Trough - Completion to CP37
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP36 B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP35	5	24-Dec-16	23-Dec-16 28-Dec-16	0%			BM Tunnel - Corbel & Cable Trough - Completion to
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP34	5	09-Jan-17	13-Jan-17	0%			a TBM Tunne! - Corbel & Cable Trough - Completior Sub-sea TBM Tunnel - Corbel & Cable Trough - Cor
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP33	5	14-Jan-17	18-Jan-17	0%			i i i i
	5	04-Feb-17	08-Feb-17	0%	-	5 8	Sub-sea TBM Tunnel - Corbel & Cable Trough - C
3 - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP32 3 - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP31	5	04-Feb-17 09-Feb-17	13-Feb-17	0%	-		 SB - Sub-sea TBM Tunnel - Corbel & Cable T SB - Sub-sea TBM Tunnel - Corbel & Cable
B - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP30	5	22-Feb-17	27-Feb-17	0%			SB - Sub-sea TBM Tunnel - Corbel & Cabl
3 - Sub-sea TBM fullifier - Corbel & Cable Trough - Completion to CP 30	5	27-Feb-17	04-Mar-17	0%	-		
3 - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP29	5	16-Mar-17	21-Mar-17	0%			SB - Sub-sea TBM Tunnel - Corbe
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44	5	24-Sep-16	28-Sep-16	0%		notallation C	
B - 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 i		
3 - Sub-sea TBM Tunnel - OHVD Stab Installation - Completion to CP42	5	17-Oct-16	22-Oct-16	0%	SB - Sub-sea TBM Tunnel - OHVD Sla		
3 - Sub-sea TBM Tunnel - OHVD Stab installation - Completion to CP41	5	22-Oct-16	27-Oct-16	0%	SB - Sub-sea TBM Tunnel - O		nstallation - Completion to CP41
B - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP40	5	09-Nov-16	14-Nov-16	0%			D Slab installation - Completion to CP41
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP39	5	14-Nov-16	19-Nov-16	0%			IVD Slab installation - Completion to CP40
B - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP38	5	01-Dec-16	06-Dec-16	0%			nel - OHVD Slab installation - Completion to CP39
B - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP37	5	06-Dec-16	11-Dec-16	0%	+		unnel - OHVD Slab installation - Completion to CP3
B - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP36	5	24-Dec-16	28-Dec-16	0%			a TBM Tunnel - OHVD Slab Installation - Completion to CF3
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP35	5	29-Dec-16	02-Jan-17	0%			sea TBM Tunnel - OHVD Slab Installation - Completion
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP34	3	14-Jan-17	16-Jan-17	0%	-		- Sub-sea TBM Tunnel - OHVD Slab installation - Complete
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP33	3	19-Jan-17	21-Jan-17	0%	-	_	B - Sub-sea TBM Tunnel - OHVD Slab installation - 0
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP32	5	09-Feb-17	13-Feb-17	0%			SB - Sub-sea TBM Tunnel - OHVD Slab ins
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP31	5	14-Feb-17	18-Feb-17	0%	-		SB - Sub-sea TBM Tunnel - OHVD Slab
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP30	5	27-Feb-17	04-Mar-17	0%	-		SB - Sub-sea TBM Tunnel - OHVE
B - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP29	5	04-Mar-17	09-Mar-17	0%			BB - Sub-sea TBM Tunnel - OH
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44	5	29-Sep-16	03-Oct-16	0%	SB - Sub-sea TBM Tunnel - Fire Proofi	na - Completic	
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43	5	04-Oct-16	09-Oct-16	0%	SB - Sub-sea TBM Tunnel - Fire Pro		
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42	5	22-Oct-16	27-Oct-16	0%	SB - Sub-sea TBM Tunnel -	· ·	i i i i
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP41	5	27-Oct-16	01-Nov-16	0%	SB - Sub-sea TBM Tunne	, v	
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP40	5	14-Nov-16	19-Nov-16	0%			e Proofing - Completion to CP40
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP39	5	19-Nov-16	24-Nov-16	0%			Fire Proofing - Completion to CP39
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP38	5	06-Dec-16	11-Dec-16	0%	······		unnel - Fire Proofing - Completion to CP38
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP37	5	11-Dec-16	16-Dec-16	0%	- i i 🔨		I Tunnel - Fire Proofing - Completion to CP37
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP36	5	29-Dec-16	02-Jan-17	0%			sea TBM Tunnel - Fire Proofing - Completion to CP:
B - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP35	7	03-Jan-17	02 Jan 17	0%			b-sea TBM Tunnel - Fire Proofing - Completion to CF
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP34	3	17-Jan-17	19-Jan-17	0%	1		3 - Sub-sea TBM Tunnel - Fire Proofing - Completion to C
	2	22-Jan-17	23-Jan-17	0%			3B - Sub-sea TBM Tunnel - Fire Proofing - Complete
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP33	3	14-Feb-17	16-Feb-17	0%	-		SB - Sub-sea TBM Tunnel - Fire Proofing - Complete
	-	19-Feb-17	22-Feb-17	0%			SB - Sub-sea TBM Tunnel - Fire Prooin
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32	4						
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP31	4	04-Mar-17	08-Mar-17	()%			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP33 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP31 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP30 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP29	4	04-Mar-17 09-Mar-17	08-Mar-17 13-Mar-17	0%			SB - Sub-sea TBM Tunnel - Fire
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP31 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP30 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP29	4	09-Mar-17	13-Mar-17	0%			
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP31	4						SB - Sub-sea TBM Tunnel - Fre

South Cut & Cover Tunnel										1			1
Design Submission										1			
(E2) DDA for South C&C Bo	ox & Approach Ramp									1			
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/ IF	Ps		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%	1						i
Comments Received			0		10-Feb-15	0%						·	
Designer to Reply RtC + Update Sub	mission		21	11-Feb-15	10-Mar-15	0%							
Method Statement Submiss	ion									-			
	truction Methodology of C&C Tun	nels											i
Preparation Method Statement for C	&C Tunnels		25	28-Mar-15	30-Apr-15	0%	1			1			1
Submit Method Statement to SO			0		30-Apr-15	0%						·	
SO Reviews & Comments			28	01-May-15	28-May-15	0%							
					<u> </u>			· · · · ·		Date	Revision	Checked	Approved
Page 9 of 11 Project ID: TMCLK DWPF 16W25 Data Date: 01-Jan-17	 Planned Bar Planned Bar - Critical Planned Milestone Progress bar Progress Milestone 		iled W	Jonnection /orks Progr onths Rollir	amme (Re	v. F)	A member of the Bourygu	香寶嘉 Dragages HongKong es Construction group gues Joint Venture 寶嘉 - 布伯	BOUYGUES TRAMAUX PUBLICS 衣格聯登	12-Feb-14 08-Apr-14 28-Aug-14 30-Oct-15	TMCLKDBJGEN/PRG/98507 TMCLKDBJGEN/PRG/98507 TMCLKDBJGEN/PRG/98507 TMCLKDBJGEN/PRG/98507	'Rev.B SPa 'Rev.C CLa	SPo WYu WYu
			Prog	ress as of	01-Jan-17								

ty Name			Orig Dur	DWPF Start	DWPF Finish	% Comp		2016			2017		
Re-submission			18	29-May-15	18-Jun-15	0%	Oct	Nov Dec	Jan	Feb	Mar	Apr	May
Construction					.						1	1	
C&C Tunnel - 2nd 85m - Tunnel Structure			83	14-Jun-16	20-Sep-16	0%		d 85m - Tunnel Structure		 	' + +	 	
C&C Tunnel - 2nd 85m - B ackfilling C&C Tunnel - 3rd 85m - Tunnel Structure			9 83	21-Sep-16 26-Jul-16	30-Sep-16 02-Nov-16	0%	C&C lunnel	- 2nd 85m - Backfilling C&C Tunnel - 3rd 85m - 1	Tunnel Structu	ro	1	1	
C&C Tunnel - 3rd 85m - Backfilling			15	03-Nov-16	19-Nov-16	0%		C&C lunner - Sid 85m -		1			
C&C Tunnel - 4th 85m - Tunnel Structure			83	05-Sep-16	13-Dec-16	0%		i	Tunnel - 4th 85		tructure	 	
C&C Tunnel - 4th 85m - Backfilling			14	14-Dec-16	31-Dec-16	0%			C&C Tunne	l - 4th 85m - I	ackfilling	 	
C&C Tunnel - 5th 85m - Excavation by vertical mea	เท		44	22-Aug-16	14-Oct-16	0%	C&C	unnel - 5th 85m - Excavatio		1			
C&C Tunnel - 5th 85m - Tunnel Structure			83	19-Oct-16	26-Jan-17	0%			_	C&C Tunnel	- 5th 85m - Tu		
C&C Tunnel - 5th 85m - Backfilling C&C Tunnel - 6th 85m - Excavation by ramp			19 27	27-Jan-17 22-Aug-16	24-Feb-17 22-Sep-16	0%	C Tuppel Cth	n 85m - E xcavation by ramp			C&C Tunnel -	5th 85m - Ba	¢ktilling
C&C Tunnel - 6th 85m - Excavation by vertical mea	ุ่าก		52	23-Sep-16	24-Nov-16	0%		C&C Tunnel -		vation by ver	tical mean	1	
C&C Tunnel - 6th 85m - Tunnel Structure			83	29-Nov-16	15-Mar-17	0%						Tunnel - 6th	B¦5m - Tunr
C&C Tunnel - 6th 85m - Backfilling			20	16-Mar-17	08-Apr-17	0%			-	1		C&CT	unnel - 6th
C&C Tunnel - 7th 152m - Excavation by ramp			15	03-Nov-16	19-Nov-16	0%		C&C Tunnel - 7th	n 152m - Excav	ation by ram	þ	1	
C&C Tunnel - 7th 67m - Excavation by vertical mea	เท		42	21-Nov-16	11-Jan-17	0%	_		C&C 1	unnel - 7th 6	7m - Excavatio		1
C&C Tunnel - 7th 67m - Tunnel Structure			78	12-Jan-17	24-Apr-17 28-Feb-17	0%						<u>+</u> -	C&C Tunr
C&C Tunnel - 8th 85m - Excavation by vertical mea C&C Tunnel - 8th 85m - Tunnel Structure	411		42 88	04-Jan-17 01-Mar-17	19-Jun-17	0%				1	C&C lunne	- 8th 85m - E	xcavation
Intermediate Slab			164	20-Dec-16	18-Jul-17	0%				1	·	1	;
South Retrieval Shaft										1		1	
Design Submission										, , , ,	, , , +	 	
(F4) Gantry Crane Support/Foundati	ons in Southern Landfall				1	1				1	1	! ! !	
Preparation of IFA Gantry Crane / Foundation			18	27-Jul-15	15-Aug-15	100%	-					 	
Review & Comment by JV Designer prepare IFA			18 10	17-Aug-15 07-Sep-15	05-Sep-15 17-Sep-15	100%				- - -		1 1	
Formal Submission of IFA to ICE/ IPs			0	57 Sop-10	17-Sep-15 17-Sep-15	100%				1	1 1 1	1 1 1	
Advanced Submission to SO			0		17-Sep-15	100%					<u>.</u>	L	
IPs/SO'sAdvance Comments/ ICE Comments			28	18-Sep-15	15-Oct-15	88%				1 1	1 1	1 1	1
Comments Received			0		15-Oct-15	0%			+	1			1
Designer to Reply RtC + Update Submission			21	16-Oct-15	10-Nov-15	0%				1			
Submit Updated IFA to SO/ ICE/ IPs ICE Approval & Issue Check Cert			0 12	11-Nov-15 11-Nov-15	24-Nov-15	0%					; 		
IPs Review			28	11-Nov-15	24-Nov-15 08-Dec-15	0%				1	1 1 1	 	
SO's Review			35	11-Nov-15	15-Dec-15	0%				1			
Method Statement Submission										1	- - 	! ! !	
Method Statement of Construction I	lethodology of Retrieval	Shaft								1	1	1 1 1	
Preparation Method Statement for Retrieval Sha	t		25	24-Aug-15	21-Sep-15	0%				1			
Submit Method Statement to SO			0	00.0	21-Sep-15	0%	-		-			, 	
SO Reviews & Comments			28	22-Sep-15	19-Oct-15	0%				1	1		
Construction South Landfall GI Works/DW Setting Up		Ì	48	06-Aug-15	02-Oct-15	0%	-			1			
South Retrieval Shaft - Diaphragm Wall			98	03-Oct-15	29-Jan-16	80%							
Retrieval Shaft - Excavation - Soft (other than Fill)			140	15-Apr-16	30-Sep-16	0%	Retrieval Sh	aft - Excavation - Soft (other	r than Fill)	1	1		
Retrieval Shaft - Temp. Slab/Prepare for TBM Brea	ikthrough		48	03-Oct-16	28-Nov-16	0%		Retrieval Sh	aft - Temp. Sla	b/Prepare for	TBM Breakthr	pugh	
_South Approach Ramp										1			
Construction Appoach Ramp (CH1580-1850) - Pipe Pile/Sheet	Dilas Wall	i	126	03-Oct-15	09-Mar-16	0%							
Appoach Ramp (CH1580-1650) - Fipe File/Sileel Appoach Ramp (CH1580-1850) - Tension Piles			120	03-Oct-15	09-Mar-16 04-Feb-16	0%	-			1	1		
Appoach Ramp (CH1580-1800) - Excavation,			22	16-Mar-17	11-Apr-17	0%			4			Арро	ach Ramp
South Ventilation Building										1	1 1 1	 	
Design Submission													
(I1) DDA for South Vent.Bldg. GBP &	Arch.Submission		00	00 Dec 14	10 Jan 15	000/				1		, , ,	
IP's Review IP's No Objection Received			28 0	22-Dec-14	18-Jan-15 18-Jan-15	88%				1	1		
SO's Review			35	22-Dec-14	25-Jan-15	91%				1			
SO Approval with Condition Received			0		26-Jan-15	0%			4	1 1 1	- - - -	1 1 1	
(I2) DDA for South Vent.Bldg. Found	ation Design					1			1	·	± ! !	+	-
Review & Comment by JV			18	27-Apr-15	18-May-15	88%				1	1		
Designer prepare DDA			10	19-May-15	30-May-15	0%						, 	
Formal Submission of DDA to ICE/ IPs			0		30-May-15	0%	-		1	1	1		
Advanced Submission to SO IPs/SO's Advance Comments/ ICE Comments			0 28	31-May-15	30-May-15 27-Jun-15	0%							
Comments Received			28	0 1 - iviay-10	27-Jun-15 27-Jun-15	0%			1	1 1 1		1 	
Designer to Reply RtC + Update Submission			21	29-Jun-15	23-Jul-15	0%				1	1 1 1	1 1 1	
Submit Updated DDA to SO/ ICE/ IPs			0	24-Jul-15		0%			4				
ICE Approval & Issue Check Cert			18	24-Jul-15	13-Aug-15	0%	1				, , ,		
IPs Review			28	24-Jul-15	20-Aug-15	0%	_						
SO's Review			35	24-Jul-15	27-Aug-15	0%					1		
(I2) DDA for South Vent.Bldg.Structu Review & Comment by JV	ral Design incl.Vent.Conn	nections	18	18-Feb-15	13-Mar-15	76%				1	1	1 1 1	
Designer prepare DDA			18	18-Feb-15 14-Mar-15	13-Mar-15 25-Mar-15	0%	1			1			
			0		25-Mar-15	0%					 !		
Formal Submission of DDA to ICE/ IPs						0%			ļ	1	1 1 1	1 1 1	
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Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission (J1) DDA Temp.works for Constructi	on of Sth.Vent.Bldg.		28 0 21	23-Apr-15	22-Apr-15 22-Apr-15 18-May-15	0% 0% 0%							
Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission (J1) DDA Temp.works for Constructi Designer to Reply RtC + Update Submission	on of Sth.Vent.Bldg.		28 0 21 21	23-Apr-15 24-Aug-15	22-Apr-15 22-Apr-15	0% 0% 0% 90%				 			
Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission (J1) DDA Temp.works for Constructi	on of Sth.Vent.Bldg.		28 0 21	23-Apr-15	22-Apr-15 22-Apr-15 18-May-15	0% 0% 0%							
Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission (J1) DDA Temp.works for Constructi Designer to Reply RtC + Update Submission Submit Updated DDA to SO/ ICE/ IPs	on of Sth.Vent.Bldg.		28 0 21 21 0	23-Apr-15 24-Aug-15 17-Sep-15	22-Apr-15 22-Apr-15 18-May-15 16-Sep-15	0% 0% 0% 90%							
Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission (J1) DDA Temp.works for Constructi Designer to Reply RtC + Update Submission Submit Updated DDA to SO/ ICE/ IPs ICE Approval & Issue Check Cert	on of Sth.Vent.Bldg.		28 0 21 21 21 0 12	23-Apr-15 24-Aug-15 17-Sep-15 17-Sep-15	22-Apr-15 22-Apr-15 18-May-15 16-Sep-15 02-Oct-15	0% 0% 0% 90% 0%							
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Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission (J1) DDA Temp.works for Constructi Designer to Reply RtC + Update Submission Submit Updated DDA to SO/ ICE/ IPs ICE Approval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received 10 of 11 ct ID: TMCLK DWPF 16W25	Planned Bar Planned Bar	Detail	28 0 21 21 0 12 6 28 0 35 0 35 0	23-Apr-15 24-Aug-15 17-Sep-15 17-Sep-15 03-Oct-15 17-Sep-15 17-Sep-15 Connection orks Progr	22-Apr-15 22-Apr-15 18-May-15 16-Sep-15 02-Oct-15 09-Oct-15 14-Oct-15 21-Oct-15 22-Oct-15 22-Oct-15 22-Oct-15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	Section	Dragages HongKong	EOUVICUES International Contractions	12-Feb-14 TM 08-Apr-14 TM 28-Aug-14 TM	ICLK/DBJGEN/PRG/985 ICLK/DBJGEN/PRG/985 ICLK/DBJGEN/PRG/985	07 WYu 07 Rev.B SPa 07 Rev.C CLa	SPo WYu
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/ Name	Orig Dur	DWPF Start	DWPF Finish	% Comp	Oct	2016 Nov	Dec	Jan	Feb	2017 Mar	Apr May
Construction								Juli		- Mai	
Mobilization & Setting Up Piling Rigs	64	06-Aug-15	22-Oct-15	0%							*
Substructure	95	06-Sep-16	30-Dec-16	0%				Substructure	•		
Superstructure	65	31-Dec-16	24-Mar-17	0%							Superstructure
South Surface Roadworks, Utility & Drainage works											
_Design Submission						, ,	, ,				+
(E1) AIP - Southern Landfall Seawall Modification Designer Prepare AIP - Southern Landfall Seawall Modification	36	08-Nov-16	19-Dec-16	100%				rigner Prepare	AIP - Southe	vrn Landfall S	awall Modification
Review & Comment by JV	12	20-Dec-16	05-Jan-17	100%					Comment by		
Designer prepare AIP	6	06-Jan-17	12-Jan-17	100%					ner prepare Å		
Formal Submission of AIP to ICE/IPs	0		12-Jan-17	100%		1				of AIP to ICE	IPs
Advanced Submission of AIP to SO	0		12-Jan-17	100%		, ,				ion of AIP to S	+
Review & Comment by SO/ ICE/ IPs	28	13-Jan-17	09-Feb-17	100%							by SO/ ICE/ IPs
Advance Commants from SO/ Comments from ICE/ IPs Received	0		09-Feb-17	100%		1					from SO/ Comments fro
Designer to Prepare RtC & Updated AIP	18	10-Feb-17	02-Mar-17	100%		1				Designer	o Prepare RtC & Update
Submisson of AIP to SO/ ICE together with Reply To Comment (RTC)	0		02-Mar-17	100%						Submisso	of AIP to SO/ICE toge
Reply to IPs Comments in RTC	0		02-Mar-17	100%		 	1 			Reply to IF	's Comments in RTC
ICE Approval & Issue of Design Check Cert.	18	03-Mar-17	23-Mar-17	100%					1		CE Approval & Issue of
SO Review (35 Days)	35	03-Mar-17	06-Apr-17	100%		1					SO Review (35 D
(E1) DDA - Southern Landfall Seawall Modification											
Designer to Reply RtC + Update Submission	21	05-Jul-17	28-Jul-17	83.33%		1			1		
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%		1			1		
Submit ICE Check Cert to SO	6	12-Aug-17	18-Aug-17	0%							
IPs Review	28	29-Jul-17	25-Aug-17	0%		1			1		
IP's No Objection Received	0		25-Aug-17	0%		1			1		1 I 1 I 1 I
SO's Review	35	29-Jul-17	01-Sep-17	0%			1				· · · · · · · · · · · · · · · · · · ·
SO Approval with Condition Received	0		01-Sep-17	0%							
(E3) DDA for Sewerage, Drainage, Waterworks & Utility works for South L	.andfall					1			1		
IPs Review	28	02-Mar-15	29-Mar-15	100%		1			1		
IP's No Objection Received	0		29-Mar-15	100%		, , ,					
SO's Review	35	02-Mar-15	05-Apr-15	100%		1			1		
SO Approval with Condition Received	0		08-Apr-15	100%				•	1		
_Method Statement Submission				_		1			1		
Method Statement of Ground Treatment for TBMs Passing under Southe			00.11/5	0.01		1			1		
Preparation Method Statement for Ground Improvement in South Landfall	9	20-Jul-15	29-Jul-15	0%		, ,					
Submit Method Statement to SO SO Reviews & Comments	0 28	30-Jul-15	29-Jul-15 26-Aug-15	0%							
Re-submission	6	27-Aug-15	02-Sep-15	0%		1			1		
SO's Review	28	03-Sep-15	30-Sep-15	0%		1			1		
SO's Approval	0	03-3ep-15	30-Sep-15 30-Sep-15	0%		1			1		
••	0		30-3ep-15	0 /8							
Construction Temporary Platform for Ground Treatment for TBM passing under Southern Seawall	48	06-Aug-15	02-Oct-15	0%		1			1		
Grouting Treatment for TBM passing under Southern Seawall	339	03-Oct-15	25-Nov-16	0%			Grouting Trea	tment for TBM	hassing unde	r Southern S	awall
Testing & Commissioning/Inspection & Handover			20110110	0,0					assing unde		
Final Inspection & Handover									1		
Design Submission						 					±
(A12) Maintenance Matrix				-,					1		
Preparation of Maintenance Matrix	35	24-Dec-15	05-Feb-16	100%							
Prepare Re-submission	18	12-Mar-16	06-Apr-16	88%		1			1		
2nd Submission	0		06-Apr-16	0%		1			1		
SO's Condition Approval	35	07-Apr-16	11-May-16	0%							
(A13) Operation & Maintenance Manual		07740110	TT May To	070							
Preparation of Operation and Maintenance Manual	48	24-Dec-15	27-Feb-16	0%		1			1		
1st Submission	0	21 200 10	27-Feb-16	0%		1			1		
SO's Comments for 1st Submission	35	28-Feb-16	02-Apr-16	0%					1		
Prepare Re-submission	24	05-Apr-16	03-May-16	0%							· · · · · · · · · · · · · · · · · · ·
(A14) As-built & As-fabricated Drawings				0.10		1 1 1			1		
Preparation of As-built and As-fabricated Drawings	48	24-Dec-15	27-Feb-16	0%		1			1		
1st Submission	-+6	2. 200 10	27-Feb-16	0%					 		
SO's Comments for 1st Submission	35	28-Feb-16	02-Apr-16	0%		1			1		
				0.10							· +
(A15) Health & Safety File incl As-built Dwgs & Records Maintenance Sch	nedules OXM						1	1			i i
(A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Sch Preparation of Health and Safety File including as-built drawings and records, maintenance schedu		24-Dec-15	27-Feb-16	0%	ules, operation	, n and mai	1		1		1
(A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Sch Preparation of Health and Safety File including as-built drawings and records, maintenance schedu 1st Submission			27-Feb-16 27-Feb-16	0% 0%	ules, operatio	n and mai	1 1 1		 		

Page 11 of 11	Planned Bar	TMCLK - Northern Connection Sub-Sea Tunnel Section		Date 12-Feb-14 08-Apr-14	Revision TMCLK/DBJGEN/PRG/98507 TMCLK/DBJGEN/PRG/98507 Rev.B	Checked WYu SPa	Approved SPo WYu
Project ID: TMCLK DWPF 16W25	Planned Bar - Critical Planned Milestone Progress bar	Detailed Works Programme (Rev. F)	香菇士	28-Aug-14 30-Oct-15	TMCLK/DBJGEN/PRG/98507 Rev.C TMCLK/DBJGEN/PRG/98507 Rev.F	CLa	WYu
Data Date: 01-Jan-17	Progress Milestone	Three Months Rolling Programme	A member of the Bourgues Construction group Dragages - Bourgues Joint Venture 寶嘉 - 布依格聯營				
		Progress as of 01-Jan-17					



ENVIRONMENTAL COMPLAINT/ENQUIRY INVESTIGATION REPORT

Our Reference: 0212330_Complaint LOG_20170214_12

Basic Information of Complaint/Enquiry

Reference Number:	EP/RW/0000358212				
Date of Complaint/Enquiry Received	6 February 2017				
Location of Complaint/Enquiry	ite area near Ho Yeung Street				
Nature of Complaint/Enquiry	Muddy water discharge				
Complaint/Enquiry Received by	EPD				
Via	Fax				
Complainant/Enquirer	Not disclosed				

Details of Complaint/Enquiry

On 6 February 2017, a complaint case was received by EPD regarding muddy water discharge from the site near Ho Yeung Street from 12:00am on 31 January 2017 to 4:00am on 1 February 2017. The IEC, the Environmental Team (ET) and the Project Proponent received the complaint notification from EPD on 14 February 2017. The ET was informed that the case is categorized as complaint in nature upon the investigation, discussion and agreement between relevant parties (i.e. the Contractor (DBJV), SOR and IEC).

Investigation Report

Upon receiving the case notification from EPD on 14 February 2017, the Contractor had promptly checked the construction programme of January and February 2017.

According to the construction programme provided by the Contractor, no construction works were carried out at the site near Ho Yeung Street during January and February 2017. No improper discharge was recorded. Two wetseps were set up at the site near Ho Yeung Street to treat the wastewater directed from the Slurry Treatment Plant during the incident period. Treated wastewater was discharged to the designated discharge point specified in the Water Discharge License. Site drainage plan of N6 is provided in Annex A.

Moreover, according to the inspection record of DBJV at midnight on 31 January and 1 February, the wastewater was properly treated by the wetsep before discharge. No improper discharge was observed during inspection. Photos taken by DBJV during the incident period were provided in Annex B.

ET has conducted an interview with the site foreman who was responsible for the wastewater treatment and management of wetsep of N6 during the incident period. It was confirmed that there was no improper discharge at N6 site area during the incident period. Maintenance record of the N6 wetsep during the incident period is provided in Annex C.

In addition, ET has conducted a joint site inspection with IEC, SOR and DBJV on 21 February 2017. No improper discharge was observed at the site near Ho Yeung Street. Two wetseps were operating to treat the wastewater from STP. No leakage of water pipes or malfunction of the wetseps was observed during the inspection. No water pipes were found on the seaside. Photos showing the site conditions are provided in Annex B.

Based on the above, there is no evidence to prove that the complaint case is related to this Contract.

Mitigation Measures and Follow-Up Actions Recommended to/Undertaken by Contractor

There is no evidence to prove that the complaint case is related to this Contract.

The Contractor was reminded to review and enhance the current mitigation measures to avoid similar situation.

The Contractor has been reminded to adhere strictly to implement all relevant mitigation measures of water quality impact recommended or specified in the EP (EP-354/2009/D), the approved EIA, Updated EM&A Manual and the Water Discharge License of this Project to avoid causing water pollution. The Contractor shall also fully comply with the conditions in the approved water discharge license to carry out construction works under the Contract.

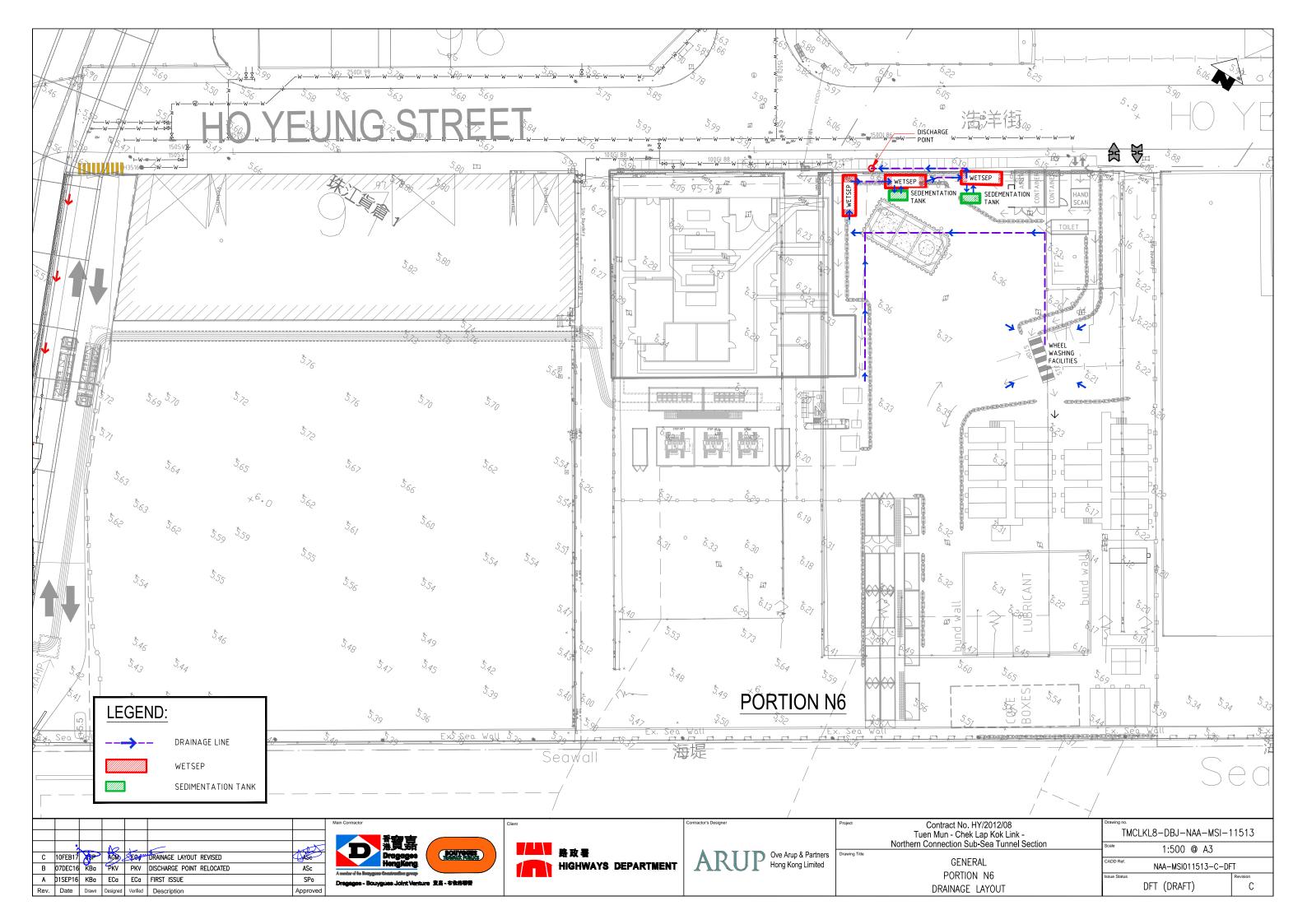
Date of File Closed : 21 March 2017

Approved and Filed by:

(Jovy Tam, ET Leader) Date: 21 March 2017

Annex A

Site Drainage Management Plan



Annex B

Photo Record



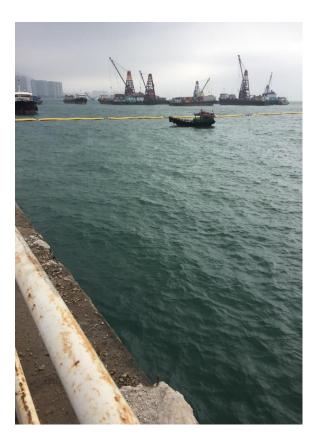
Annex B Photo Records taken during Site Investigation

*Note: Photos taken on 21/2/2017



Wastewater was treated in the Wetsep before discharge.

*Note: Photos taken on 21/2/2017

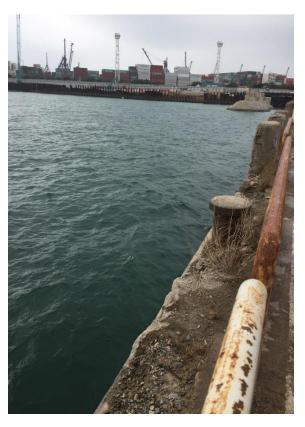


No improper discharge was observed on the seaside.



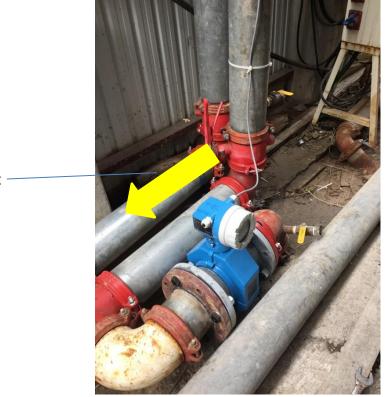
Annex B Photo Records taken during Site Investigation

*Note: Photos taken on 21/2/2017



No improper discharge was observed on the seaside.

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*Note: Photos taken on 21/2/2017
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Water out —

Treated wasterwater was directed to the designated discharge point.

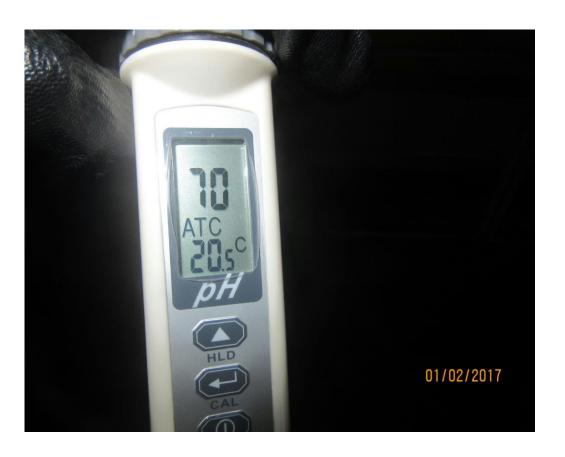


Annex B Photo Records taken by DBJV

*Note: Photos taken on 1/2/2017



Wastewater was functioning properly.



*Note: Photos taken on 1/2/2017

Water sample was taken for checking.

Annex C

Maintenance Record of Wetsep



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Contract No. HY/2012/08 Tuen Mun – Chek Lap Kok Link Northern Connection Sub-sea Tunnel Section

WETSEP Checking Record 污水處理機檢查記錄

WET	「SEP Location 污水處理機位		Nb		<u>^</u>	2		
Date	· 日期:	5	0-1-1	上 to 至	5-1-1			
		<u>Monday</u> 星期一	<u>Tuesday</u> 星期二	<u>Wednesday</u> 星期三	<u>Thursday</u> 星期四	<u>Friday</u> 星期五	<u>Saturday</u> 星期六	<u>Sunday</u> 星期日
1.	WETSEP In Normal Operation? 處理機是否正常運作?	V	V	V	V			
2.	pH Value 酸鹼度 (6.0 – 9.0)	7.4	6.1	6.7	6.0	7.3	6.J	7.5-
3.	Electrical Supply OK? 電力供應正常?	V	V	V		V	V	V
4.	Outlet Abnormal? 出水口有否異常?	X	X	X	X	X	X	X
5.	Potion Enough? 藥水是否足夠?	V		V	V	V	V	V
6.	Clean the Sedimentation Tank? 有否清理隔沙缸?	~	V	V	V	~	V	V
7.	Clean the De-silt Basin? 有否清理蓄泥池?	V	V	V	V	V	V	V
8.	Are the Cleansing Records of Sedimentation Tank/ De-silt Basin Stored Properly? 清理蓄泥池記錄是否妥善 儲存?			\checkmark	V	V	V	V
9.	Refill of Flocculants? pH Neutralization agent? 補充凝聚劑/酸鹼調節劑?	V	\checkmark	\checkmark	V	V		~
10	Flow rate of the discharge 排放流量	正常	正常	正学	王常	正常	正常	正常
11	Nature and Composition of the discharge 廢水排放的性質及成份	RE	无色	无色	无色	无色	无色	无色
12	Proper Desludging operation and disposal 正確清除及處理淤泥	V	V		V	V	V	U
13	Others 其他情況							
	Verified by Site Foreman/Supervisor 地盤管工/監督簽署確認	Lik	Cik	Cick	lik	Lik	Lik	Lik

*Please -

tick ($\sqrt{}$) in the box if the condition is normal. *若情況正常, 請於方格內加上剔號($\sqrt{}$)。 cross (X) in the box if the condition is abnormal, and write down the non-conformance. *若情況不尋常, 請於方格內加上交叉(X), 並寫下不尋常狀況。

Remarks:

(1) Please keep the record and send to environmental department in monthly basis.

備註:

(1) 請將記錄妥善保存,並每月將記錄交回環保部。

Email message		Environmental Resources Management
То	Ramboll Environ - Hong Kong, Limited (ENPO)	16/F Berkshire House, 25 Westlands Road Quarry Bay, Hong Kong
From	ERM- Hong Kong, Limited	Telephone: (852) 2271 3113 Facsimile: (852) 2723 5660 E-mail: jovy.tam@erm.com
Ref/Project number	Contract No. HY/2012/08 Tuen Mun-Chek Lap Kok Link-Northern Connection Sub-sea Tunnel Section	
Subject	Notification of Exceedance for Impact Dolphin Monitoring	9
Date	13 June 2017	ERM

Dear Sir or Madam,

Please find attached the Notification of Exceedance (NOE) of the following Log no.:

0212330_Dec2016/Feb2017_dolphin_STG&ANI_NEL&NWL

A total of one limit level exceedance was recorded in the quarterly impact dolphin monitoring data between December 2016 and February 2017.

Regards,

Mr Jovy Tam Environmental Team Leader

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ERM-Hong Kong, Limited



CONTRACT NO. HY/2012/08 TUEN MUN – CHEK LAP KOK LINK – NORTHERN CONNECTION SUB-SEA TUNNEL SECTION

Impact Dolphin Monitoring Notification of Exceedance

Log No.	0212330_Dec	2016/Feb2017_dolphin_STG&ANI_NEL&NWL				
	[Total No. of Exceedances = 1 Limit Level Exceedance]					
Date	December 2016 to February 2017 (monitored)					
	05	June 2017 (results received by ERM)				
Monitoring Area	Northeast	Lantau (NEL) and Northwest Lantau (NWL)				
Parameter(s) with	Quarterl	y encounter rate of dolphin sightings (STG)				
Exceedance(s)	Quarterly er	counter rate of total number of dolphins (ANI)				
Action Levels		NEL: STG < 4.2 & ANI < 15.5				
		or				
T to the Tampin	North Lantau Social cluster	NWL: STG < 6.9 & ANI < 31.3				
Limit Levels		NEL: STG < 2.4 & ANI < 8.9				
		and NWL: STG < 3.9 & ANI < 17.9				
Recorded Levels	NIFI					
Recorded Levels	NEL NWL	STG = 0.0 & ANI = 0.0 STG = 3.8 & ANI = 14.52				
		recorded in the quarterly impact dolphin monitoring at NEL and				
	Fortieth Monthly EM&A Report da	ad February 2017. The exceedance was reported in the approved to d 13 March 2017.				
	Fortieth Monthly EMBA Report da	led 15 March 2017.				
Statistical Analyses	Further to the review of the avail	able and relevant dolphin monitoring data in the EM&A				
Statistical Analyses		istical analyses were conducted as follows:				
	1 0 5	peated measures and unequal sample size was conducted using				
	-	mpact – present quarter, December 2016 to February 2017) and				
		NWL) as fixed factors to examine whether there were any				
		average encounter rates between the baseline and present impact				
		ting $\alpha = 0.05$ as the significance level in the statistical tests,				
		G(p = 0.0110) and ANI ($p = 0.0440$) were detected between Periods.				
	A two-way ANOVA with	repeated measures and unequal sample size was conducted using				
	-	vels: baseline vs impact – cumulative quarters*, December 2012 to				
		ation (2 levels: NEL and NWL) as fixed factors to examine whether				
	there were any signification	nt differences in the average encounter rates between the baseline				
	and cumulative impact	monitoring quarters. By setting $\alpha = 0.00005$ as the significance				
	level in the statistical tes	sts, significant difference in STG ($p = 0.000003$) and in ANI ($p =$				
	0.000001) between Cum	ulative Period and Location were detected.				
	*Note: The commencement date t	under Contract No. HY/2012/08 is 1 November 2013.				
Works Undertaken (in	-	2016 and February 2017, the major marine works under Contract				
the monitoring	<i>No. HY/2012/08</i> included:					
quarter)	• Installation of silt curtain;					
	Dredging;					
	Construction of Vertical Sec					
	Band drain installation; and	1				
	Filling works.					

D 11 D (
Possible Reason for	The potential factors that may have contributed to the observed exceedance are reviewed below:
Action or Limit Level	Blocking of CWD travelling corridor:
Exceedance(s)	The Monitoring of Marine Mammals in Hong Kong Waters (2015 – 16) ⁽¹⁾ reported that dolphin
	usage and traveling activities to the northern side of the airport (dolphin traveling corridor) are
	affected by frequent high-speed ferry traffic from Sky Pier (not related to this Contract), which
	is likely a major factor resulting in the decrease in dolphin abundances in North Lantau.
	Marine works of the Contract:
	As per the findings from the EIA report (Section 8.11.9), the major influences on the Chinese
	White Dolphin (CWD) Sousa chinensis under this Contract are marine traffics, reclamation and
	dredging works. The Contractor implemented the marine traffic control in the reporting
	period as per the requirements in the EP-354/2009/D and the updated EM&A Manual. Most of
	the vessels of this Contract also worked within the site boundary, in which the area is seldom
	used by CWD. Disturbance from vessels of this Contract is considered minor. The
	reclamation and dredging works of this Contract (Phase 2) commenced on 27th December 2016.
	Dredging works were undertaken within the working rate described in the EP and the
	approved EIA Report by a closed grab dredger with silt curtains being deployed throughout
	the dredging period. Filling works were undertaken within 200m leading seawall throughout
	the filling period and the working rate described in the EP and the approved EIA Report were
	strictly followed. After reviewing of the daily dredging and filling records, all daily dredging
	and filling work rates in this quarter are under the maximum work rate described in the EP.
	During this quarter of dolphin monitoring, no adverse impact on CWD due to the activities
	under this Contract was observed.
	Impact on water quality:
	According to the findings in the water quality monitoring results at the impact monitoring
	stations between December 2016 and February 2017, there was no exceedance on WQM.
	Impact mean levels of depth-averaged SS at all sampling stations during both mid-ebb and
	mid-flood tides were well below the corresponding ambient levels. The WQM results imply
	that no unacceptable impact on water quality was associated with the marine works under this
	Contract, and thus no indirect impacts on marine habitat quality due to change in water
	quality is observed in this Contract.
	In view of the above, marine ecological mitigation measures were considered properly
	implemented, and thus no unacceptable impact on CWD or its habitat was associated with this
	Contract in this quarter from December 2016 and February 2017.
	Contract in this quarter from December 2010 and rebrary 2017.

Actions Taken / To Be Taken	 With reference to the site inspection records in this quarter, the respective marine ecological mitigation measures have been implemented properly by the Contractor throughout the marine works period, including: 1. 250m dolphin exclusion zone; 2. Acoustic decoupling plan;
	 Training to workers; Offsite vessel routing control in accordance with Regular Marine Travel Routes Plan, including routing control within existing and proposed marine park boundaries; Vessels speed limited at 5 knots and 10 knots within existing and proposed marine park boundaries and site boundary respectively; Idling and mooring of working vessels within site boundary;
	The existing mitigation measures are recommended to be continuously implemented. Furthermore, it is also recommended to reduce the vessels for marine works as much as possible. The ET will monitor for future trends in exceedance(s).
	A joint team meeting was held on 29 May 2017 for discussion on CWD trend, with attendance of ENPO, HyD, Representatives of Resident Site Staff (RSS), Representatives of Environmental Team (ET) for Contract No. HY/2010/02, HY2011/03, HY/2012/07 and HY/2012/08. The discussion/recommendation as recorded in the minutes of the meeting, which might be relevant to this Contract are summarized below. It was concluded that the HZMB works is one of the contributing factors affecting the dolphins. It was also concluded the contribution of impacts due to the HZMB works as a whole (or individual marine contracts) cannot be quantified or separate from the other stress factors. ENPO presented the interim CWD survey results in mainland waters obtained from Hong Kong-Zhuhai-Macao Bridge Authority that some CWDs that were previously more often sighted in Hong Kong waters have expanded their ranges into mainland waters, and some with reduced usage in Hong Kong waters, while they are partially accounted for the local decline. It was reminded that the ETs shall keep reviewing the implementation status of the dolphin related mitigation measures and remind the contractor to ensure the relevant measures are fully implemented. The ETs were also reminded to update the BMP boundary in the Regular Marine Travel Route Plan. The participants were requested by ENPO to collect and report the marine traffic statistics. It was recommended that the marine works of HZMB projects should be completed as soon as possible so as to reduce the overall duration of impacts and allow the dolphins population to recover as early as possible. It was also suggested that the protection measures (e.g., speed limit control) for the proposed Brothers Marine Park (BMP) shall be brought forward as soon as possible before its establishment so as to provide a better habitat for dolphin recovery. It was also recommended that the marine works footprint and vessels for the marine works should be reduceed as much as possible. It is noted that even though marine vessels m
	It was reminded that starting from January 2016, high-speed ferry (HSF) from the SkyPier would be re-routed north to the northern edge of the Sha Chau and Lung Kwu Chau Marine Park that had the highest density of CWD in the NWL. While the HSF would reduce speed to 15 knots, the associated disturbance might still affect CWD in the area. It implied that the CWDs in the area should be closely followed.
Remarks	The results of impact dolphin monitoring, the status of implemented marine ecological mitigation measures are documented in the approved <i>Thirty-Eighth</i> to <i>Fortieth Monthly EM&A Reports</i> .