stivity Name							
		2016				2017	
	Aug Sep	Oct	Nov	Dec	Jan	Feb	Mar
TMCLK - Northern Connection Sub-Sea Tunnel Section							
Contract Dates							
Commencement and Completion Dates							
·					<b>A</b> 1/ <b>B</b> 1		
KD01 - Achievement of Stage 1 - Nth TBM & C&C for E&MS/TCSS					KD01 - A	Achievement of Stag	je 1 - Nth TBM & C8 '
Site Possession Date							
Portions: X1,(N10,11,13 & 14) - Sth Landfall				1		1	1
Portions: N1 to N4 & N12				Portions: N1 to N	4 & N12	1	1
Handover Date							1
Portions: N8A, N8B(above +3), N8C				1			1
General Submissions							
Environmental							
Environmental Permit Submissions				1			1
Supplementary WMP of C&C Tunnel at Sth.Landfall							1
Supplementary WMP of C&C Tunnel at Sth.Landfall							1
Sediment Quality Report/Dumping Permit				1			1
Southern Landfall	· · · · · · · · · · · · · · · · · · ·			, ,			, ,
Southern Landrall							
						1	
Sediment Sampling & Testing Plan (SSTP) - if required						1	1
Complete SSTP and Obtain EPD's approval							
Sediment Quality Report (SQR) - if required							, , ,
Advance Ground Investigation works for Sediment sampling				·			
Sediment Sample Testing & Report preparation							
Dumping Permit for Load Dumping (Loading Permit) - if required							
Finalize the applivation doucment and submit to EPD - for Dwall							
Notify the results and issue Loading Permit for Local & Cross Boundary Crossing - for Dwall							1
General Design Submissions			-				
(G6) IFA for Tunnel GBP							
SO's Review							
SO Approval with Condition Received						1	
PAYMENT MILESTONE							1
Design and Design Checking of the Works		· †		(			
MS 2.32 Approve DDA for Approach Ramp Structures to Cut-and-cover Tunnels by the Supervising Officer							
MS 2.44 Approve DDA for South Ventilation Building by the Supervising Officer							
MS 2.48 Approve DDA for North Ventilation Building by the Supervising Officer							
MS 2.51 Submit DDA for Facilities Provision for TCSS							
		· +					
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							
MS 2.60 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Northern Landfall by the Supervi:							
MS 2.69 Submit draft Operation and Maintenance Manual for all Tunnels and Cross Passgaes							
MS 2.70 Accept Operation and Maintenance Manual for all Tunnels and Cross Passgaes by the Supervising	peration and Maintenance Manual fo	r all Tunnels and Cross	Passgaes by the Supe	rvising Officer			1
MS 2.71 Submit draft Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes	ssgaes		I	\ ! !			,   
MS 2.72 Accept Operation and Maintenance Manual for all works except Tunnels and Cross Passgaes by the	peration and Maintenance Manual fo	r all works except Tunne	ls and Cross Passage	s by the Supervising	Offic		
TBM Tunnel							
MS 3.3.5 Complete excavation to formation level for retrieval shaft and complete casting of base slab				MS 3 3 5 Complete	e excavation to forma	tion level for retriev	; al shaft and comple
MS 3.3.6 Complete all necessary works of retrieval shaft to facilitate retrieval of TBM							
				NIS 3.3.6 Complete	all necessary works	or retrieval shall to	acintate retrieval d
	e total length (measured on plan) of						
	e total length (measured on plan) of						
MS 3.3.21 Completion of excavation, support and permanent lining for 15% of the total length (measured on J	e total length (measured on plan) of	he N					
MS 3.3.22 Completion of excavation, support and permanent lining for 16% of the total length (measured on J	he total length (measured on plan) o	the N		1			1 1 1
MS 3.3.23 Completion of excavation, support and permanent lining for 17% of the total length (measured on J	nt lining for 17% of the total length (m	easured on plan) of the	N			1	
MS 3.3.24 Completion of excavation, support and permanent lining for 18% of the total length (measured on J	nt lining for 18% of the total length (m	easured on plan) of the	N	,			,
	nt lining for 19% of the total length (m	i i	i .				
	nt lining for 20% of the total length (m	1	1				1
	nt lining for 21% of the total length (m		1				
	nt lining for 22% of the total length (m		1				
		· <del> </del> <del>-</del> <sup>(</sup>	- <mark>-</mark>				
MS 3.3.29 Completion of excavation, support and permanent lining for 23% of the total length (measured on J	nt lining for 23% of the total length (n	1	i.				
MS 3.3.30 Completion of excavation, support and permanent lining for 24% of the total length (measured on p	upport and permanent lining for 24%		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
MS 3.3.3 1 Completion of excavation, support and permanent lining for 25% of the total length (measured on	upport and permanent lining for 25%	1	1				
MS 3.3.32 Completion of excavation, support and permanent lining for 27.5% of the total length (measured or	upport and permanent lining for 27.5	% of the total length (me	asured on plan) of the				1
MS 3.3.33 Completion of excavation, support and permanent lining for 30% of the total length (measured on J	upport and permanent lining for 30%	of the total length (mea	s rred on plan) of the N	1			
MS 3.3.34 Completion of excavation, support and permanent lining for 32.5% of the total length (measured or	tion of excavation, support and pern	anent lining for 32.5% o	f the total length (meas	ured on plan) of the			
MS 3.3.35 Completion of excavation, support and permanent lining for 35% of the total length (measured on J	tion of excavation, support and pern	anent lining for 35% of t	he total length (measu	ed on plan) of the N			
MS 3.3.36 Completion of excavation, support and permanent lining for 37.5% of the total length (measured or	tion of excavation, support and pern	anent lining for 37.5% o	f the total length (meas	ured on plan) of the			1
MS 3.3.37 Completion of excavation, support and permanent lining for 40% of the total length (measured on J	MS 3.3.37 Completion of excavation	1	1	1	ed on plan) of the N		
MS 3.3.38 Completion of excavation, support and permanent lining for 42.5% of the total length (measured or			1		. ,	1	1
MS 3.3.39 Completion of excavation, support and permanent lining for 45% of the total length (measured on MS 3.3.39 Completion of excavation, support and permanent lining for 45% of the total length (measured on	MS 3.3.39 Completion of excavation		- <mark>-</mark>				
			i T		. ,		1
MS 3.3.40 Completion of excavation, support and permanent lining for 47.5% of the total length (measured or	MS 3.3.40 Completion of excavation	· · · ·	1				
MS 3.3.41 Completion of excavation, support and permanent lining for 50% of the total length (measured on I	1	ompletion of excavation,	( )			1	:
MS 3.3.42 Completion of excavation, support and permanent lining for 52.5% of the total length (measured or	MS 3.3.42 C	ompletion of excavation,	support and permane	t lining for 52.5% of	the total length (mea	sured on plan) of th	e
MS 3.3.43 Completion of excavation, support and permanent lining for 55% of the total length (measured on J	♦ MS 3.3.43 C	mpletion of excavation,	support and permane	t lining for 55% of th	e total length (measu	red on plan) of the	N
MS 3.3.44 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or	♦ MS 3.3.44 C	mpletion of excavation,	support and permane	nt lining for 57.5% of	the total length (mea	sured on plan) of th	ę
MS 3.3.45 Completion of excavation, support and permanent lining for 60% of the total length (measured on J	♦ MS 3.3.45 C	mpletion of excavation,	support and permane	t lining for 60% of th	e total length (measu	red on plan) of the	Ņ
MS 3.3.46 Completion of excavation, support and permanent lining for 62.5% of the total length (measured or		MS 3.3.46 Comp	letion of excavation, su	pport and permaner	t lining for 62.5% of	the total length (me	asured on plan) of
MS 3.3.47 Completion of excavation, support and permanent lining for 65% of the total length (measured on I			letion of excavation, su	( ) · · · · · · · · · · · · · · · · · ·	Ū.		
MS 2.2.49 Completion of everytion of propert and normanant lining for 07.50/ of the total length (			lien of succession, or	,		ger (mode	

MS 3.3.48 Completion of excavation, support and permanent lining for 67.5% of the total length (measured or MS 3.3.49 Completion of excavation, support and permanent lining for 70% of the total length (measured on MS 3.3.50 Completion of excavation, support and permanent lining for 72.5% of the total length (measured or MS 3.3.51 Completion of excavation, support and permanent lining for 72.5% of the total length (measured or MS 3.3.51 Completion of excavation, support and permanent lining for 77.5% of the total length (measured or MS 3.3.52 Completion of excavation, support and permanent lining for 77.5% of the total length (measured or MS 3.3.53 Completion of excavation, support and permanent lining for 80% of the total length (measured or 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 or MS 3.3.56 Completion of excavation, support and permanent lining for 87.5% of the total length (measured or MS 3.3.57 Completion of excavation, support and permanent lining for 87.5% of the total length (measured or MS 3.3.57 Completion of excavation, support and permanent lining for 90% of the total length (measured or MS 3.3.58 Completion of excavation, support and permanent lining for 92.5% of the total length (measured or MS 3.3.58 Completion of excavation, support and permanent lining for 92.5% of the total length (measured or 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 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 or MS 3.3.59 Completion of excavation, support and permanent lining for 95% of the total length (measured or MS 3.3.59 Completion of excavation, support and permanent lining for 95% of the total length (measured or MS 3.3.5 MS 3.3.48 Completion of excavation, support and permanent lining for 67.5% of the total length (measured on plan) of the
 MS 3.3.49 Completion of excavation, support and permanent lining for 70% of the total length (measured on plan) of the
 MS 3.3.50 Completion of excavation, support and permanent lining for 72.5% of the total length (measured on plan) of the
 MS 3.3.51 Completion of excavation, support and permanent lining for 72.5% of the total length (measured on plan) of the
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 MS 3.3.55 Completion of excavation, support and permanent lining for 85% of the MS 3.3.56 Completion of excavation, support and permanent lining for 87.5% o
 MS 3.3.57 Completion of excavation, support and permanent lining for 90% of the MS 3.3.58 Completion of excavation, support and permanent lining for 92.5% o

Page 1 of 11	Planned Bar	TMCLK - Northern Connection Sub-Sea Tunnel Section		Date 12-Feb-14	Revision TMCLK/DBJGEN/PRG/98507	Checked WYu	Approved SPo
Project ID: TMCLK DWPF 16W43	Planned Bar - Critical	Detailed Works Programme (Rev. F)	香寶嘉	08-Apr-14 28-Aug-14 30-Oct-15	TMCLK/DBJGEN/PRG/98507 Rev.B TMCLK/DBJGEN/PRG/98507 Rev.C TMCLK/DBJGEN/PRG/98507 Rev.F	CLa	WYu WYu
	<ul> <li>Planned Milestone</li> <li>Progress bar</li> </ul>		Dragages HongKong				
Data Date: 30-Oct-16	<ul> <li>Progress Milestone</li> </ul>	Three Months Rolling Programme	A member of the Bouygues Construction group Dragages - Bouygues Joint Venture 寶嘉 - 布依格聯營				
		Progress as of 30-Oct-16					

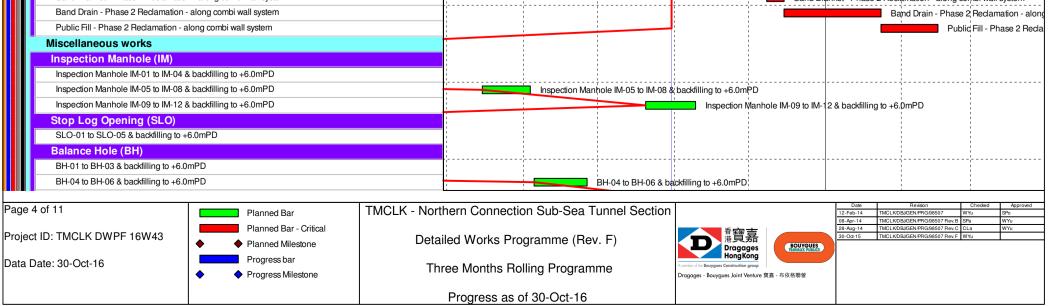
tivity Name							
inity Name			2016			2017	
	Aug	Sep	Oct	Nov	Dec	Jan Feb	Mar
MS 3.3.60 Completion of excavation, support and permanent lining for 97.5% of the total length (measured or	1	1	1	1 1 1	•	MS 3.3.60 Completion of excavation,	
MS 3.3.61 Completion of excavation, support and permanent lining for 100% of the total length (measured or		1	1		•	MS 3.3.61 Completion of excavation,	support and permane
MS 3.3.88 Completion of excavation, support and permanent lining for 30% of the total length (measured on )							
MS 3.3.89 Completion of excavation, support and permanent lining for 32.5% of the total length (measured or	upport and permanen			+			
MS 3.3.90 Completion of excavation, support and permanent lining for 35% of the total length (measured on I	upport and permanen	-					
MS 3.3.91 Completion of excavation, support and permanent lining for 37.5% of the total length (measured or	tion of excavation, su		-		1		
MS 3.3.92 Completion of excavation, support and permanent lining for 40% of the total length (measured on I	tion of excavation, su		, e		1		
MS 3.3.93 Completion of excavation, support and permanent lining for 42.5% of the total length (measured or	tion of excavation, su		Ū.				
	tion of excavation, su	·····	¦	+			i 
MS 3.3.95 Completion of excavation, support and permanent lining for 47.5% of the total length (measured or					he total length (measu		
MS 3.3.96 Completion of excavation, support and permanent lining for 50% of the total length (measured on I	1	i		-	total length (measur		
MS 3.3.97 Completion of excavation, support and permanent lining for 52.5% of the total length (measured or	1			1	he total length (measu		
MS 3.3.98 Completion of excavation, support and permanent lining for 55% of the total length (measured on I				-	total length (measur		
MS 3.3.99 Completion of excavation, support and permanent lining for 57.5% of the total length (measured or				f		he total length (measured on plan) of th	
MS 3.3.100 Completion of excavation, support and permanent lining for 60% of the total length (measured or					-	e total length (measured on plan) of th	
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MS 3.3.102 Completion of excavation, support and permanent lining for 65% of the total length (measured or					, i i i i i i i i i i i i i i i i i i i	e total length (measured on plan) of th	1
MS 3.3.103 Completion of excavation, support and permanent lining for 67.5% of the total length (measured of the total length)).						the total length (measured on plan) of	1
MS 3.3.104 Completion of excavation, support and permanent lining for 70% of the total length (measured or	· ·			+		nt lining for 70% of the total length (mea	
MS 3.3.105 Completion of excavation, support and permanent lining for 72.5% of the total length (measured or MS 3.3.106 Completion of excavation, support and permanent lining for 75% of the total length (measured or						nt lining for 72.5% of the total length (m	
MS 3.3.106 Completion of excavation, support and permanent lining for 75% of the total length (measured or MS 3.3.107 Completion of excavation, support and permanent lining for 77.5% of the total length (measured or				1	1	nt lining for 75% of the total length (mea	i i i
MS 3.3.107 Completion of excavation, support and permanent lining for 77.5% of the total length (measured or MS 3.3.108 Completion of excavation, support and permanent lining for 80% of the total length (measured or			NIS 3.3.107 Comp	i i		nt lining for 77.5% of the total length (m	· · · ·
MS 3.3.108 Completion of excavation, support and permanent lining for 80% of the total length (measured or MS 3.3.109 Completion of excavation, support and permanent lining for 82.5% of the total length (measured or						upport and permanent lining for 80% o	
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MS 3.3.114 Completion of excavation, support and permanent lining for 95% of the total length (measured on						tion of excavation, support and permar	
MS 3.3.115 Completion of excavation, support and permanent lining for 97.5% of the total length (measured c						tion of excavation, support and permar	
MS 3.3.116 Completion of excavation, support and permanent lining for 100% of the total length (measured o				i de la companya de l	i	tion of excavation, support and permar	
MS 3.3.117 Complete tunnel internal structures for 25% of total length (measured on plan) of the Northbound				1	1	uctures for 25% of total length (measur	1
MS 3.3.121 Complete tunnel internal structures for 25% of total length (measured on plan) of the Southbound				MS 3.3.121 Comp 4	lete tunnel internal sti ¦	ructures for 25% of total length (measur	éd on plan) of the So ¦
Cross Passages for TBM Tunnel				<u> </u>			
MS 3.3.1 Complete 50% of ground treatment for excavation of all Type 1 Cross Passages(Percentage to be or						50% of ground treatment for excavation	
MS 3.3.3 Complete 50% of ground treatment for excavation of all Type 2 Cross Passages(Percentage to be or				•	MS 3.3.3 Complete	50% of ground treatment for excavation	
MS 3.3.5 Complete 50% of excavation and support for all Type 1 Cross Passages(Percentage to be certified f						MS 3.3.5 Complete 50% of excavation	
MS 3.3.7 Complete 50% of excavation and support for all Type 2 Cross Passages(Percentage to be certified f					•	MS 3.3.7 Complete 50% of excavation	n and support for all
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-			1				
MS 4.1.2 Complete 20% of total length (measured on plan) of temporary retaining walls for excavation of Cut-							
MS 4.1.3 Complete 30% of total length (measured on plan) of temporary retaining walls for excavation of Cut-							
MS 4.1.4 Complete 40% of total length (measured on plan) of temporary retaining walls for excavation of Cut-							
MS 4.1.5 Complete 50% of total length (measured on plan) of temporary retaining walls for excavation of Cut-		i 		i ¦	{		
MS 4.1.6 Complete 60% of total length (measured on plan) of temporary retaining walls for excavation of Cut-			1				
MS 4.1.7 Complete 70% of total length (measured on plan) of temporary retaining walls for excavation of Cut-							
MS 4.1.8 Complete 80% of total length (measured on plan) of temporary retaining walls for excavation of Cut-							
	n of Cut-and-cover tu						
	ning walls for excavat	on of Cut-and-cover		; ; 	; {		
MS 4.1.11	-		100/ 1				
MS 4.1.12 Complete 40% of excavation for Cut-and-cover tunnel	•	MS 4.1.12 Comple	te 40% of excavation	r for Cut-and-cover tu	1		
MS 4.1.13 Complete 60% of excavation for Cut-and-cover tunnel				MS 4.1.13 Comple	1	for Cut-and-cover tunnel	
MS 4.1.14 Complete 80% of excavation for Cut-and-cover tunnel					1	MS 4.1.14 Complete 80% of excavati	on for Cut-and-cover
MS 4.1.16 Complete permanent tunnel structure for 10% of the total length (measured on plan) of Cut-and-cc				<u>+</u>			
MS 4.1.17 Complete permanent tunnel structure for 20% of the total length (measured on plan) of Cut-and-cc	•					sured 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		•		1	1	he total length (measured on plan) of C	1
MS 4.1.19 Complete permanent tunnel structure for 40% of the total length (measured on plan) of Cut-and-cc			MS 4.1.19 Comple	1.1	1	he total length (measured on plan) of C	1
MS 4.1.20 Complete permanent tunnel structure for 50% of the total length (measured on plan) of Cut-and-cc			•	MS 4.1.20 Comple	ate permanent tunnel	structure for 50% of the total length (me	asured on plan) of C
MS 4.1.26 Complete excavation for 50% of total length (measured on plan) of all Cross Passages	i 			i 1 1	{		
MS 4.1.27 Complete excavation for 100% of total length (measured on plan) of all Cross Passages	all Cross Passages	1	1				
MS 4.1.29 Complete pavement for 50% of the total length (measured on plan) of Cut-and-cover Tunnel		1	1		•	MS 4.1.29 Complete pavement for 50	% of the total length
Cut-and-cover Tunnel at Northern Landfall							
MS 4.2.22 Complete tunnel internal structure for 50% of NB Northern Landfall TBM Tunnel	•		1	1	Northern Landfall TB		
MS 4.2.23 Complete tunnel internal structure for 100% of NB Northern Landfall TBM Tunnel	) 	<b></b>	MS 4.2.23 Comple	+		Northern Landfall TBM Tunnel	
MS 4.2.24 Complete tunnel internal structure for 50% of SB Northern Landfall TBM Tunnel		1	•			ucture for 50% of SB Northern Landfall	
MS 4.2.25 Complete tunnel internal structure for 100% of SB Northern Landfall TBM Tunnel		1	1			te tunnel internal structure for 100% of S	B Northern Landfall
MS 4.2.26 Complete 25% of permanent lining and internal structures for all Northern Landfall Cross Passage				1	ern Landfall Cross Pa		
MS 4.2.27 Complete 50% of permanent lining and internal structures for all Northern Landfall Cross Passage	4	· · · ·		1	1	ern Landfall Cross Passages	
MS 4.2.28 Complete 75% of permanent lining and internal structures for all Northern Landfall Cross Passage		•	MS 4.2.28 Comple	+		ructures for all Northern Landfall Cross	
MS 4.2.29 Complete 100% of permanent lining and internal structures for all Northern Landfall Cross Passag					1	nt lining and internal structures for all N	orthern Landfall Cros
MS 4.2.30 Complete Permanent tunnel structure for 25% of Cut and Cover Tunnel	•	MS 4.2.30 Comple	te Permanent tunne	structure for 25% of	Cut and Cover Tunne	<b>e</b> l	
MS 4.2.31 Complete Permanent tunnel structure for 50% of Cut and Cover Tunnel		•	MS 4.2.31 Comple	te Permanent tunnel	structure for 50% of	Cut and Cover Tunnel	
MS 4.2.32 Complete Permanent tunnel structure for 75% of Cut and Cover Tunnel		1	1	•	MS 4.2.32 Complet	e Permanent tunnel structure for 75% o	of Cut and Cover Tun
MS 4.2.34 Complete Permanent junction structure at interface between Cut-and-cover and TBM Tunnel	MS 4.2.34 Complet	e Permanent junctio	structure at interfac	e between Cut-and-c	over and TBM Tunne		
Approach Ramp Structures to Cut-and-cover Tunnel at Southern Landfall							
MS 5.1.1 Complete 20% of execution for approach ramp structures	li –				:	1	÷

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Approach Hamp Stractures (		Earrana		1		1	1	1
MS 5.1.1 Complete 20% of excavation	for approach ramp structures							
MS 5.1.2 Complete 40% of excavation	for approach ramp structures							
MS 5.1.3 Complete 60% of excavation	for approach ramp structures							
MS 5.1.4 Complete 80% of excavation	for approach ramp structures		ructures					
MS 5.1.5 Complete 100% of excavatio	n for approach ramp structures		structures					
MS 5.1.6 Complete retaining wall foun	dation for 10% of the total length (measured on p	lan) of approach ram	η					
MS 5.1.7 Complete retaining wall foun	dation for 20% of the total length (measured on p	lan) of approach ram	<b>η</b>					
MS 5.1.8 Complete retaining wall foun	dation for 30% of the total length (measured on p	lan) of approach ram	n l					
MS 5.1.9 Complete retaining wall foun	dation for 40% of the total length (measured on p	lan) of approach ram	n l					
MS 5.1.10 Complete retaining wall fou	ndation for 50% of the total length (measured on	plan) of approach ran	n		,			
MS 5.1.11 Complete retaining wall four	ndation for 60% of the total length (measured on	plan) of approach ran	n					
MS 5.1.12 Complete retaining wall fou	ndation for 70% of the total length (measured on	plan) of approach ran	n i i i i i i i i i i i i i i i i i i i					
				i I	·	"	<u> </u>	
age 2 of 11	Planned Bar	TMCLK - Nort	rthern Connection Sub-Sea Tunnel Section			Revision ICLK/DBJ/GEN/PRG/98507		Approved SPo
	Planned Bar - Critical					ICLK/DBJGEN/PRG/98507 Rev.B ICLK/DBJGEN/PRG/98507 Rev.C		WYu WYu
roject ID: TMCLK DWPF 16W43		Detai	ailed Works Programme (Rev. F)	▲ 「「「「」」 「「」」 「「」」 「」 「」 「」 「」 「」 「」 「」 「	30-Oct-15 TM	//CLK/DBJ/GEN/PRG/98507 Rev.F	WYu	
	Planned Milestone	Dota		Dragages BOUYGUES				
ata Date: 30-Oct-16	Progress bar	ть.	huse Menthe Delline Dreamanne	Hong Kong				
	<ul> <li>Progress Milestone</li> </ul>	i ni	hree Months Rolling Programme	Dragages - Bouygues Joint Venture 寶嘉 - 布依格聯營				
			Progress as of 30-Oct-16					

ty Name									
	F	Aux	Con	2016	Nev	Dee	lan	2017	Mor
MS 5.1.13 Complete retaining wall foundation for 80% of the total length (measured o	n plan) of approach ran	Aug ch ramp structure	Sep	Oct	Nov	Dec	Jan	Feb	Mar
MS 5.1.13 Complete retaining wall foundation for 80% of the total length (measured of MS 5.1.14 Complete retaining wall foundation for 90% of the total length (measured of		ch ramp structure ch ramp structure							
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MS 5.1.15 Complete retaining wall foundation for 100% of the total length (measured	on plan) of approach ra	red on plan) of appr	bach ramp structure						
South Ventilation Buildings									
MS 7.1.1 Complete 100% of cofferdam for excavation				MS 7.1.1 Complet	100% of cofferdan	n for excavation			
MS 7.1.2 Complete 100% of excavation to the formation level				MS 7.1.2 Complet	100% of excavatio	n to the formation lev	el		1
MS 7.1.3 Complete 100% of foundation for the ventilation building	Jälo	ding							
MS 7.1.4 Complete concreting works of 25% area of the total construction floor area fo					MS 7 1 4 Comple	te concreting works o	f 25% area of the tot	al construction floor	area for the ve
	· .				1 WS 7.1.4 Comple			1	
MS 7.1.5 Complete concreting works of 50% area of the total construction floor area fo	or the ventilation building				1		MS 7.1.5 Complet	e concreting works	of 50% area c
North Ventilation Buildings									
MS 7.2.1 Complete 100% of cofferdam for excavation	fo	or excavation							
MS 7.2.2 Complete 100% of excavation to the formation level	n te	to the formation leve	1						
MS 7.2.4 Complete concreting works of 25% area of the total construction floor area fo	or the ventilation buildin	MS 7.2.4 Complete	concreting works of	25% area of the total	construction floor a	rea for the ventilation			   
MS 7.2.5 Complete concreting works of 50% area of the total construction floor area fo			g		1	te concreting works o	-		area for the w
					ivis 7.2.5 Comple	-			
MS 7.2.6 Complete concreting works of 75% area of the total construction floor area fo							MS 7.2.6 Complet	te concreting works	of 75% area o
Facilities Provision for E&M Works for TBM Tunnel, Cut & Cove	er Tunnels and Ci								
MS 9.1.1 Complete 25% of bonding terminal, opening and accessories, etc.			•	MS 9.1.1 Complet	e 25% of bonding te	minal, opening and	accessories, etc.		
MS 9.1.2 Complete 25% of plinth, hoisting facilities and accessories, etc.	1		•	MS 9.1.2 Complex	e 25% of plinth, hois	ting facilities and acc	essories, etc.	1	   
Construction						-			
Northern Landfall									
North Reclamation (Phase 1)									
Construction									
Zone B				;	÷				
Reclamation			. –		<u>;</u>				-
Surcharge Removal - Zone B - (CH598 to 698) stage 1		Surcharge R	emoval - Zone B - (0	H598 to 698) stage	) 				
Surcharge Period - Zone B - (CH648 to 698) stage 2								Surcharge P	eriod - Zone I
Box Culvert Extension									
Construction									, ! !
Ch000-010 Culvert Outfall									-
						1			i i
Removal of temporary seawall block									-
Concreting in-situ Top Slab and sticth joint									
Removal of temporary bulk head									
CH000-150 Land Section									
ELS & Structure									
Pile A43/A41 CJ to Pile A41/A39 CJ									
Box Culvert Structure									
Removal of strut S2 & Backfilling up to required level	1								
Pile A45/A43 CJ to Pile A43/A41 CJ									
Box Culvert Structure									
Removal of strut S2 & Backfilling up to required level									
Pile A52/A49 CJ to Pile A49/A47 CJ									
						1			i i
Box Culvert Structure					<b>.</b>				
Preparation for Temp Access Road for N8 handvoer						1			-
Ch150-250 Marine Section									1
ELS & Structure						1		i i	i I
Toe grouting Ch100-250									-
									1
2nd Pumping test Ch100-250	<u> </u>				<b>!</b>				
Pile A41/A39 CJ to Pile A39/A37 CJ						1			
ELS									
Excavation to 0.5m below strut S2									
Installation of strut S2						1			
Excavation to 0.5m below strut S1									
	i				+				
Installation of strut S1						1			
Excavation to FEL									
Box Culvert Structure									
Pile cap construction									
Base slab construction including kicker	i				÷				
Removal of strut S1									
Sliding formworks 1st assembly									-
Walls & top slab construction									i i
Removal of strut S2 & Backfilling up to required level		up to required level							
Pile A39/A37 CJ to Pile A37/A35 CJ	e c								
					÷				
ELS						1			i.
Excavation to 0.5m below strut S2									
Installation of strut S2									
Excavation to 0.5m below strut S1									
Installation of strut S1									
Excavation to FEL					+				
Box Culvert Structure						1			i !
Pile cap construction									
Base slab construction including kicker						1			
Removal of strut S1									i l
Walls & top slab construction					;				
· · · · · · · · · · · · · · · · · · ·									
Removal of strut S2 & Backfilling up to required level	dill	lling up to required l	evel						
Pile A37/A35 CJ to Pile A35/A33 CJ	1								
ELS									
Excavation to 0.5m below strut S2						1			1
Installation of strut S2					+				
Excavation to 0.5m below strut S1									
Installation of strut S1						1			
Excavation to FEL									
Box Culvert Structure									
Pile cap construction									
Base slab construction including kicker						1			
Removal of strut S1					1				
Walls & top slab construction									
Removal of strut S2 & Backfilling up to required level	R	ackfilling up to requi	red level						
	P	g up to requi			·		ļ	<u>.</u>	
3 of 11 Planned Bar	TMCLK - Northe	ern Connectio	n Sub-Sea T	unnel Section			Date 12-Feb-14 TMCLK	Revision DBJGEN/PRG/98507 W	Checked Ap /u SPo
Planned Bar - Critical							08-Apr-14 TMCLK	DBJGEN/PRG/98507 Rev.B SP DBJGEN/PRG/98507 Rev.C CL	a WYu
ct ID: TMCLK DWPF 16W43	Detailo	ed Works Prog	gramme (Rev	(, F)	香寶	嘉	30-Od-15 TMCLK	DBJGEN/PRG/98507 Rev. C CL DBJGEN/PRG/98507 Rev. F W	
Planned Milestone			J. S	- • /	Drago	ages BOUYGUES			
	Three	e Monthe Del	lling Program	me	A member of the Bouygues Construction	n group			
<ul> <li>Progress Milestone</li> </ul>	Inte	e montris Rol	mig riogram		Dragages - Bouygues Joint	0 1			
Date: 30-Oct-16 Progress bar	Three	e Months Rol	lling Program		A member of the Bouygues Construction	Kong n group			

	Aug	Sep	2016 Oct	Nov	Dec	Jan	2017 Feb	N
Pile A35/A33 CJ to Pile A33/P117 CJ					1			
ELS								
Excavation to 0.5m below strut S2 Installation of strut S2								
Excavation to 0.5m below strut S1				1				
Installation of strut S1			<u>+</u>	+				÷
Excavation to FEL								
Box Culvert Structure								
Pile cap construction								
Base slab construction including kicker			¦	¦ 				
Removal of strut S1								
Walls & top slab construction Removal of strut S2 & Backfilling up to required level	dn \$2 & Backfilling up	to required level						
Pile A33/P117 CJ to Pile P113/P109 CJ	Sz & Backining up							
ELS				1				
Excavation to 0.5m below strut S1				÷				
Installation of strut S1								
Excavation to FEL								
Box Culvert Structure								
Base slab construction including kicker				     				÷
Removal of strut S1 Walls & top slab construction								-
vv alls & top slab construction Removal of strut S2 & Backfilling up to required level	struction	g up to required level						}
Pile P113/P109 CJ to Pile P105/P101 CJ								
ELS								-
Excavation to 0.5m below strut S1				T				
Installation of strut S1								-
Excavation to FEL								}
Box Culvert Structure								
Base slab construction including kicker	r							
Removal of strut S1 Walls & top slab construction	construction							
Removal of strut S2 & Backfilling up to required level		filling up to required	evel					
Pile P105/P101 CJ to Pile P97/P93 CJ								
ELS								
Excavation to 0.5m below strut S1					1			
Installation of strut S1								
Excavation to FEL								
Box Culvert Structure								
Base slab construction including kicker Removal of strut S1	kicker							
Walls & top slab construction	slab construction							
Pile P97/P93 CJ to Pile P89/P85 CJ								
ELS								
Excavation to 0.5m below strut S1					1 			
Installation of strut S1								
Excavation to FEL								
Box Culvert Structure Base slab construction including kicker	dias kiekor							
Removal of strut S1	ding kicker							
Walls & top slab construction	& top slab construction							
Removal of strut S2 & Backfilling up to required level		52 & Backfilling up to	required level					
Pile P89/P85 CJ to Pile P81/P77 CJ		3						-
ELS								ļ
Excavation to FEL								ļ
Box Culvert Structure								
Base slab construction including kicker	including kicker							-
Removal of strut S1 Removal of strut S2 & Backfilling up to required level	Demound of a	trut S2 & Rookfilling	In to required level					-
Pile P81/P77 CJ to Pile P73/P69 CJ		strut S2 & Backfilling ι	ie to required level					-
Box Culvert Structure				1 1 1				
Base slab construction including kicker	ction including kicke	r						
Removal of strut S1	ut S1							-
Walls & top slab construction	Walls & top slab							1
Removal of strut S2 & Backfilling up to required level	Remova	al of strut S2 & Backfil	ing up to required le	vel				
Ch250-380 Marine Section								-
Installation of Dewatering & Observation Well Ch 250-380								-
1st Pumping Test & Analysis Tee Grouting								ļ
Toe Grouting 2nd Pumping test & Analysis								-
Remaining toe grouting Ch250-380	tpe grouting Ch250	-380			; 			
New Activity	ipe grouting Ch250	500						-
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ELS & Structure			1					
ELS & Structure Geotextile - Phase 2 Reclamation - along combi wall system					Geotextile - I	hase 2 Reclamation	- along combi wall	system



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Neit Numet - Novo Statu ratilitation       North Approach Turnes - Provides and Nask and TUSS Contract for KD1         North Approach Turnes - Provides and Provides to EAMS and TUSS Contract for KD1       No. Numet Title Turnet - Provides and Provides to EAMS and TUSS Contract for KD1         Sit - Mont Title Turnet - Control Statu relation       Sit - Mont Title Turnet - Provides to EAMS and TUSS Contract for KD1         North Approach Turnet - Provides to EAMS and TUSS Contract for KD1       Sit - Mont Title Turnet - Control Statu relation         Sit - Mont Title Turnet - Control Statu relation       Sit - Mont Title Turnet - Provides to EAMS and TUSS Contract for KD1         North Approach Cross Passage       CP26-3 traditional Method       Sit - Mont Title Turnet - Provides to EAMS and TUSS Contract for KD1         OP Forming S Extension       CP24-1 traditional Method       Sit - Mont Title Turnet - Provides to EAMS and TUSS Contract for KD1         OP Forming S Extension       CP24-1 traditional Method       CP24-1 traditional Method         CP24-1 traditional Method       CP24-1 traditional Method       CP24-1 traditional Method         CP32-1 Provides Extension       CP34-1 traditional Method       CP34-1 traditional Method         CP32-1 Provides Extension       CP34-1 traditional Method       CP34-1 traditional Method         CP32-1 Provides Extension       CP44-1 traditional Method       CP44-1 traditional Method         CP33-1 Provides Extension       CP14-1 traditinsion <td< td=""></td<>
North North Turnel - Free proving and Providen to E&MAS and TCSS Contract (MD)         North Approximation         North Approximation         Site - North TWM Linnel - Control Statistics         Of Examing
North Approach Tunnel Internal Structure - SB         98 - Nort TMM Turnel - Orbot A Galan Toopin stallation           SB - Nort TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           SB - Nort TMM Turnel - Orbot A Galan Stallation         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         98 - Nort TMM Turnel - Orbot A Galan Progenous Balance           Orbot TMM Turnel - Orbot A Galan Progenous Balance         09 - Intering B Durrobitation           Orbot TMM Turnel - Orbot A Galan Progenous Balance         09 - Intering B Durrobitation           Orbot State TMM Turnel - Orbot A Galan Progenous Balance         09 - Intering B Durrobitation           Orbot State Balance         09 - Intering B Durrobitation         09 - Intering B Durrobitation           Orbot State Balance         0
IB: Non TBM Turnet - Cords & Cable Trough installation         B: Non TBM Turnet - Cords & Cable Trough installation         B: Non TBM Turnet - Providing & Providing & EAWS and TCSS Contract to KOT         North Aggreent Cores Passage         CI255 - Traditional Method         CP Example         CP Example      <
SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - Work TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North TBM Turnet - North OS Sub resultation     SR - North Sub resultation     SR - North Sub resultation     SR - North North Nether OF State     SR - North Sub resultation     SR - North
SB. Numi TBM Linnel - Reporting & Providen CAMB and TCSS Contractor KD1         North Approach Cross Passage         OP-Escaton         OP-Linnig         2nd Segment Opening         OP-Linnig         OP-Linnig         OP-Linnig         Partitional Method         OP-Status         OP-Status         1d Segment Opening         OP-Linnig         P-Linnig         2nd Segment Opening         OP-Linnig         2nd Segment Opening         OP-Linnig         2nd Segment Opening         OP-Linnig         Demokitation
CP55: Trialitional Method         OP Exervation         OP Image         2nd Segment Opening         OP Environg         OP Envining & Demvolization
OP Examion       Privating A Demolization         OP Finding A Demolization       OP Finding A Demolization         OP Status A Demolization       OP Status A Demolization         OP Status A Demolization       OP Example         OP Status A Demolization       OP Finding A Demolization         OP Instang & Demolization       OP Finding & Demolization         OP Status A Demolization       OP F
OP Lining       Image: Control Supremit Quering & Derrobitization         2nd Sagment Quering       OP Lining         2nd Sagment Quering       OP Finding & Derrobitization         OP Statistics       OP Privating & Derrobitization         OP Statistics       OP Privating & Derrobitization         OP Statistics       OP Statistics
2v8 Segment Opening       OP Finaling & Demobilization         OP Finaling & Demobilization       OP Lining         OP Lining       OP Lining         OP Finaling & Demobilization       OP Priviling & Demobilization         OP Segment Opening       OP Priviling & Demobilization         OP Lining       OP Priviling & Demobilization         OP Segment Opening       OP Priviling & Demobilization         OP Setup       Setup Setup         18 Segment Opening       OP Exacution         OP Exacution       OP Priviling & Demobilization         OP Lining       OP Priviling & Demobilization         OP Setup       18 Segment Opening         OP Exacution       OP Exacution         OP Exacution       OP Priviling & Demobilization         OP Instang & Demobilization       OP Exacution         OP Exacution       OP Exacution         OP Exacution       OP Enclosed         OP Reading & Demobilization       OP Enclosed         OP Stat Secomment<
OP Preving & Demolization       OP Lining         20 Sequent Opening       OP Lining         20 Sequent Opening       OP Lining & Demobilization         CPS3 - Pipe Jacking Method       OP Pinsing & Demobilization         CPS3 - Pipe Jacking Method       OP Pinsing & Demobilization         CPS3 - Pipe Jacking Method       OP Pinsing & Demobilization         CPS3 - Pipe Jacking Method       OP Pinsing & Demobilization         CPS3 - Pipe Jacking Method       OP Pinsing & Demobilization         CPS3 - Pipe Jacking Method       OP Pinsing & Demobilization         CPS1 - Traditional Method       OP Pinsing & Demobilization         CP Densing & Demobilization       OP Pinsing & Demobilization         CP Pinsing & Demobilization       OP Pinsing & Demobilization         VaristD's comment       (II) DDA for North Metholicitigs, ABWF works         Pie Nerw       IP No Roy Comments         (II) DDA for North Metholicitigs, ABWF works       Implementation         SO Rever       IP No Roy Comments         (II) DDA for North Metholicitigs, ABWF works       Implementation         Pie Norw       <
CP34 - Traditional Method       CP Lining         OP Lining       2nd Segment Opening         CP Finaling & Demokization       CP Printing & Demokization         CP-Set_Pipe Jacking Method       CP Printing & Demokization         CP-Set_Pipe Jacking Method       CP Printing & Demokization         CP-Setup       CP Setup         148 Segment Opening       CP Setup         148 Segment Opening       CP Example         CP Example       CP Setup         148 Segment Opening       CP Example         CP Example       CP Example         148 Segment Opening       CP Example         CP Example       CP Example         148 Segment Opening       CP Example         CP Example       CP Example         2xd Segment Opening       CP Example         CP Example       CP Example         2xd Segment Opening       CP Example         CP Example       CP Example
2nd Segment Opening       2nd Segment Opening       image: segment Opening         CP Finishing & Demobilization       CP Finishing & Demobilization       CP Finishing & Demobilization         CP 2-2 - Pipe Jacking Method       CP Finishing & Demobilization       CP Finishing & Demobilization         CP 51 - Traditional Method       CP Setup       Image: segment Opening         CP Examing       CP Setup       Image: segment Opening         CP Examption       CP Setup       Image: segment Opening         CP Examption       CP Entraining & Demobilization       CP Entraining & Demobilization         CP Examption       CP Entraining & Demobilization       CP Entraining & Demobilization         CP Entraining & Demobilization       CP Finishing & Demobilization       CP Finishing & Demobilization         North Ventilation Building       CP Entraining & Demobilization       CP Finishing & Demobilization         North Ventilation Building       CP Finishing & Demobilization       CP Finishing & Demobilization         Image: segment Opening       CP Finishing & Demobilization       CP Finishing & Demobilization         North Ventilation Building       CP Finishing & Demobilization       CP Finishing & Demobilization         North Ventilation Building       CP Finishing & Demobilization       CP Finishing & Demobilization         Image: segment Opening       CP Finishing & Demo
OP Prinking & Demobilization       CP Finishing & Demobilization         OP Setup:       CP Setup:         OP Examption       CP Examption         OP Inishing & Demobilization       CP Examption         OP Examption       CP Examption         OP Examption       CP Examption         OP Finishing & Demobilization       CP Examption         OP Finishing & Demobilization       CP Finishing & Demobilization         OP Finishing & Demobilization       CP Finishing & Demobilization         OP Finishing & Demobilization       CP Finishing & Demobilization         (11) DUA for North Nethol Bidgs: GBP & Arch.Submission       CP Finishing & Demobilization         IP Ne No Objection Received       SO Approval with Condition Received         (11) DUA for North Methol Bidgs: GBP & Arch.Submission       SO Approval with Condition Received         Pin Netwised       So Approval with Condition Received       So Approval with Condition Received         (11) DUA for North Setup       So Approval with Condition Received
CP53 - Pipe Jacking Method         CP-Waterproding, Finishing         CP55 - Pipe Jacking Method         CP Setup         143 Segment Opening         CP Excavation         CP Initialing a Demobilization         CP Setup         143 Segment Opening         CP Excavation         CP Lining         2 Add Segment Opening         CP Finishing & Demobilization
CP- Waterprodug, Finishing         CP- Waterprodug, Finishing & Demobilization         CP Finishing & Demobilization         CPS stup         CP Setup         1st Segment Opening         CP Lining         CP Finishing & Demobilization         North Ventilation Building         Design Submissions to Design Advisory Panel of ArchSD         ArchSD's comment         (11) DDA for North Vent.Bidgs. GBP & Arch.Submission         IPs Rowiw         Pis Robidization Reaived         SO Approval with Condition Reaived         GOrmentis Reaived         Comments Reaived </td
CP52 - Pipe Jacking Method         OP Finishing & Demobilization         CP53 - Traditional Method         OP Setup         185 Segment Opening         OP Excavation         OP Lining         2nd Segment Opening         2nd Segment Opening         OP Excavation         OP Lining         2nd Segment Opening         CP Finishing & Demobilization         CP Finishing & Demobilization         CP Finishing & Demobilization         OP Finishing & Demobilization         CP Finishing & Demobilization         North Ventilation Building         Design Submission         (A11) Submissons to Design Advisory Panel of ArchSD         ArchSD's comment         (P No Objecton Received         P's No Objecton Received         SO's Review         IP's No Objecton Received         (1) DDA for North Vent.Bidg. ABWF works         IP's SO's Advance Comments         Comments Received         IP's SO's Advance Comments         Comments Received         Designer to Reply RC + Update Submission         IP's SO's Advance Comments         Comments Received         Designer to Reply RC + Update Submission
CP Finishing & Demobilization       CP Setup         1st Segment Opening       CP Setup         CP Exavation       CP Setup         1st Segment Opening       CP Exavation         CP Finishing & Demobilization       CP Finishing & Demobilization         CA11 Submissions       CB & Arch. Submission         IP s No Objection Received       SO Approval With Condition Received         SO Approval With Condition Received       Comments         (11) DDA for North & South Vent.Bldg. ABWF works       Comments         IP s SO sAdvance Comments       Comments         Comments       Comments         Comments       Comments         Comments       Comments         Designer to Reply RD <+ Update Submission
CP51 - Traditional Method         CP Setup         1st Segment Opening         CP Exexaution         CP Lining         2nd Segment Opening         CP Finishing & Demobilization         North Ventilation Building         Design Submission         (H1) Submissons to Design Advisory Panel of ArchSD         ArchSD's comment         (H1) DDA for North Vent.Bidgs. GBP & Arch.Submission         IP's No Objection Received         SO's Review         SO's Review         SO's Review         PastOr South Vent.Bidg. ABWF works         IP's SO's Advance Comments         Comments Received         Design Submestion         IP's SO's Advance Comments         Comments Received         Design Packivance         IP's Diptic Packivance         Design Full Packivance         Design Full Packivance         Design Full Packivance
CP Setup         1st Segment Opening         CP Excavation         CP Lining         CP Findstage
1st Segment Opening       1st Segment Opening         CP Excavation       CP Excavation         CP Lining       CP Excavation         CP Finishing & Demobilization       CP Finishing & Demobilization         CPS0 - Pipe Jacking Method       CP Finishing & Demobilization         CP Finishing & Demobilization       CP Finishing & Demobilization         CP Finishing & Demobilization       CP Finishing & Demobilization         Vorth VentListon Building       CP Finishing & Demobilization         Vorth VentLBidgs. GBP & Arch.Submission       IP Finishing & Demobilization         IPs Review       SOS Approval with Condition Received         SOS Approval with Condition Received       IP SO'S Advance Comments         Per SO'S Advance Comments       IP SO'S Advance Comments         Design run Received       IP SO'S Advance Comments         Design run Received       IP SO'S Advance Comments         IP SO'S Advance Comments       IP SO'S Advance Comments         Comments Received       IP SO'S Advance Comments         Designer to Reply Ric + Update Submission       IP SO'S Advance Comments
CP Excavation       CP Excavation         CP Lining       CP Excavation         2nd Segment Opening       CP Excavation         CP Finishing & Demobilization       2nd Segment Opening         CP Finishing & Demobilization       CP Finishing & Demobilization         Vorth Ventilation Building       CP Finishing & Demobilization         Pire No North Vent. Bidgs. GBP & Arch.Submission       Pire No Objection Received         IP's No Objection Received       Comments         SO's Review       Comments         SO's Review       Comments         SO's Review       Comments         Pire SO's Advance Comments       Comments         Comments Received       Comments         Designer to Reply Ric + Update Submission       Comments
2nd Segment Opening       2nd Segment Opening         CP Finishing & Demobilization       CP Finishing & Demobilization         CP50 - Pipe Jacking Method       CP Finishing & Demobilization         CP Finishing & Demobilization       CP Finishing & Demobilization         North Ventilation Building       CP Finishing & Demobilization         Design Submission       CP Finishing & Demobilization         (A11) Submissons to Design Advisory Panel of ArchSD       ArchSD's comment         (I) DDA for North Vent.Bldgs. GBP & Arch.Submission       Pis No Objection Received         SO's Review       SO's Review         SO Approval wth Condition Received       Pis SO's Advance Comments //CE Comments         IP's No collection Received       Comments Received         Designer to Repty RIC + Update Submission       End Submission
CP Finishing & Demobilization       CP Finishing & Demobilization         CP Finishing & Demobilization       CP Finishing & Demobilization         Vorth VentIlation Building       Design Submission         (A11) Submissons to Design Advisory Panel of ArchSD       ArchSD's comment         (I1) DDA for North Vent.Bldgs. GBP & Arch.Submission       IP's No Objection Received         SO's Review       SO's Review         SO's Review       SO's Apervoal with Condition Received         SO's Approval with Condition Received       SO's Approval with Comments/ICE Comments         Comments Received       Comments Received         Designer to Reply RIC + Update Submission       End South Vent.Bldgs. Comments
CP50 - Pipe Jacking Method         CP Finishing & Demobilization         North Ventilation Building         Design Submission         (A11) Submissons to Design Advisory Panel of ArchSD         ArchSD's comment         (I1) DDA for North Vent.Bldgs. GBP & Arch.Submission         IP's No Objection Received         SO's Review         SO's Review         SO Approval with Condition Received         IP's SO's Advance Comments/ ICE Comments         Comments Received         Designer to Reply RIC + Update Submission
CP Finishing & Demobilization       CP Finishing & Demobilization         North Ventilation Building       Design Submission         (A11) Submissons to Design Advisory Panel of ArchSD       ArchSD's comment         (I) DDA for North Vent.Bldgs. GBP & Arch.Submission       IP's Review         IP's No Objection Received       IP's No Objection Received         SO's Review       IP's No Objection Received         SOApproval with Condition Received       IP's SO's Advance Comments/ICE Comments         Comments Received       IP's SO's Advance Comments/ICE Comments         Designer to Reply RtC + Update Submission       IP's Review
North Ventilation Building         Design Submission         (A11) Submissons to Design Advisory Panel of ArchSD         ArchSD's comment         (11) DDA for North Vent.Bldgs. GBP & Arch.Submission         IPs Review         SO'S Review         SO'S Review         SO Approval with Condition Received         (11) DDA for North & South Vent.Bldg. ABWF works         IPs/ SO'S Advance Comments/ICE Comments         Comments Received         Designer to Reply RtC + Update Submission
Design Submission         (A11) Submissons to Design Advisory Panel of ArchSD         ArchSD's comment         (11) DDA for North Vent.Bldgs. GBP & Arch.Submission         IP's No Objection Received         SO's Review         SO Approval with Condition Received         (11) DDA for North & South Vent.Bldg. ABWF works         IP's /SO's Advance Comments/ICE Comments         Comments Received         Designer to Reply RtC + Update Submission
(A11) Submissons to Design Advisory Panel of ArchSD         ArchSD's comment         (I1) DDA for North Vent.Bldgs. GBP & Arch.Submission         IP's Review         IP's No Objection Received         SO's Review         SO's Review         SO Approval with Condition Received         (I1) DDA for North & South Vent.Bldg. ABWF works         IP's No Objection Received         SO Approval with Condition Received         Designer to Reply RtC + Update Submission
ArchSD's comment         (11) DDA for North Vent.Bldgs. GBP & Arch.Submission         IPs Review         IP's No Objection Received         SO's Review         SO's Review         IP's No Objection Received         IP's No Objection Received         SO's Review         IP's No Objection Received         IP's No Objection Received         Comments Received         Designer to Reply RtC + Update Submission
IPs Review       IP's No Objection Received         SO's Review       IP's No Objection Received         SO Approval with Condition Received       IP's No Objection Received         (11) DDA for North & South Vent.Bldg. ABWF works       IP's SO's Advance Comments/ ICE Comments         Comments Received       IP's No Performance         Designer to Reply RtC + Update Submission       IP's No Performance
IP's No Objection Received       IP's No Objection Received         SO's Review       IP's No Objection Received         SO Approval with Condition Received       IP's No Objection Received         (11) DDA for North & South Vent.Bldg. ABWF works       IP's No 's Advance Comments/ ICE Comments         Comments Received       IP's No 's Received         Designer to Reply RtC + Update Submission       IP's No 's Advance Submission
SO's Review
SO Approval with Condition Received
(I1) DDA for North & South Vent.Bldg. ABWF works
IPs/SO'sAdvance Comments/ ICE Comments       Comments Received       Designer to Reply RtC + Update Submission
Comments Received
Submit Updated DDA to SO/ ICE/ IPs
ICE Approval & Issue Check Cert
Date Revision Cheded
e 5 of 11 Planned Bar IMCLK - Northern Connection Sub-Sea Tunnel Section
ect ID: TMCLK DWPF 16W43 Planned Bar - Critical Detailed Works Programme (Rev. F)
ect ID: TMCLK DWPF 16W43 ◆ ◆ Planned Milestone Progress bar Progress bar
ect ID: TMCLK DWPF 16W43 Planned Milestone Detailed Works Programme (Rev. F) 通貨品 Dragages Source Lis TMCLKobusceNFRG99507 Rev.F WYU

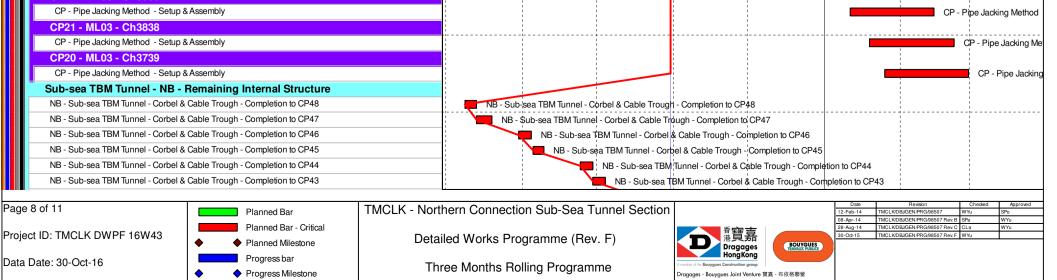
Activity Name	0010				0017	
	2016 Aug [ Sep [ Oct	Nov	Dec	Jan	2017 Feb	Mar
Submit ICE Check Cert to SO						
IPs Review IP's No Objection Received					1 1 1	
SO's Review						
SO Approval with Condition Received		-			     	
(I2) DDA for North Vent.Bldgs.Structural Design incl.Vent.Connections					, , ,	
IPs Review IP's No Objection Received	_					
SO's Review	-					
SO Approval with Condition Received		_				
(I3) DDA for North & South Vent.Bldgs. Service and E&M Provision						
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		-				
Construction Substructure			ıbstructure			
Superstructure						
North Reclamation (Phase 2)						
Construction						
Dredging - Phase 2 (Zone G) VS - Rock Grade 400 - Zone G			D	redging - Phase 2 (Z	one G) ade 400 - Zone G	
VS - Levelling Stone & Seawall Block - Zone G				V3 - HOCK CIT		evelling Stone & S
Geotextile (Zone G)				Geotextile		
Sand Blanket (Zone G)					Sand Blanket (Zone	,
Band Drain (Zone G) North Surface Roadworks, Utility & Drainage works						Band Drain (Zone
North Surface Roadworks, Utility & Drainage works Design Submission					1 1 1	
(C2) DDA for Sewerage, Drainage, Waterworks & Utility works for North Landfa					1 1 1	
IPs Review					 ! !	
IP's No Objection Received	4				1 1 1	
SO's Review						
SO Approval with Condition Received Construction						
North Landfall - Underground Sewerage & Drainage - Summary						
Sub-sea Tunnel						
Sub-sea TBM Tunnelling					1 1 1	
Major Procurement					1 1 1	
Precast Semgnet ID12.40 - Production for Sub-sea TBM Tunnel ID12.40 TBM Segment Ring Fabrication - 12 rings per day		-				
Design Submission						
(G1) DDA for TBM Tunnel Lining Structural Design - Sub-sea tunnel						
Sub-sea TBM Tunnel Segment - Fabrication					1 1 1	
(G3) DDA for TBM Tunnel Internal Structures (Sub-sea)	┫┝	-				
Sub-sea Tunnel - Precast Gallery Fabrication Construction						
Sub-sea TBM Tunnel - NB ID12.2m - S881					   	
NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch6010 to 5830 - 180m)	+sea TBM Tunnel - CDG with Saturation (Ch6010 to 5630 - 16	Qm)				
NB - Sub-sea TBM Tunnel - CDG+Boulder with Saturation (Ch5830 to 5810 - 20m)	ub-sea TBM Tunnel - CDG+Boulder with Saturation (Ch5830 t	to 5810 - 20m)				
NB - Sub-sea TBM Tunnel - Transition with Saturation (Ch5810 to 5740 - 70m)	NB - Sub-sea TBM Tunnel - Transition with Saturation (Ch58					
NB - Sub-sea TBM Tunnel - CDG+Boulder with Saturation (Ch5740 to 5550 - 190m) NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5550 to 5330 - 220m)	NB - Sub-sea TBM Tunnel - CDG+Boulder w NB - Sub-sea TBM Tunnel - CDG		,			
NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5330 to 4950 - 380m)	i	a TBM Tunnel - CDG v		330 to 4950 - 380m)		
NB - Sub-sea TBM Tunnel - CDG with Saturation (Ch4950 to 4870 - 80m)		-sea TBM Tunnel - C			h)	
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4870 to 4750 - 120m)	NB	- Sub-sea TBM Tunne	el - ALLUVIUMS silty	with Trimix (Ch4870	to 4750 - 120m)	
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4750 to 4600 - 150m)				VIS sandy with Trimix (		,
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)		i		LLUVIUMS sandy wit	1	,
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4400 to 4300 - 100m)				Innel - ALLUVIUNS sand		· · · · ·
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4200 to 3830 - 370m)			<u></u>	- Sub-sea TBM Tunne		
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3830 to 3710 - 120m)				NB - Sub-sea TBM		-
NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3710 to 3590 - 120m)					TBM Tunnel - ALLU	-
NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3590 to 3460 - 130m) NB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3460 to 3360 - 100m)	4				sea TBM Tunnel - Sub-sea TBM Tun	
NB - Sub-sea TBM Tunnel - ALLUVIUMS sinty with Trimix (Ch3460 to 3360 - 100m) NB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3360 to 3160 - 200m)						a TBM Tunnel - AL
Sub-sea TBM Tunnel - SB ID12.2m - S882						
SB - Sub-sea TBM Tunnel - CDG with Saturation (Ch5351 to 4971 - 380m)	SB - Sub-sea TBM Tunnel - CDG with Saturat	i `	,		1 1 1	
SB - Sub-sea TBM Tunnel - CDG with Saturation (Ch4971 to 4891 - 80m)	SB - Sub-sea TBM Tuhnel - CDG with Sat	1 · · · ·	,			
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4891 to 4771 - 120) SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4771 to 4621 - 150m)	SB - Sub-sea TBM Tunnel - ALLUVI SB - Sub-sea TBM Tunnel - A					
SB - Sub-sea TBM Tunnel - ALLUVIONS sandy with Trimix (Ch421 - 150m) SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch421 to 4421 - 200m)		innel - ALLUVIUMS sandy witr	,	· · ·	; )	
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4421 to 4321 - 100m)		3 vi Tunnel - ALLUVIUN			1	
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch4321 to 4221 - 100m)	SB - Sub-se	TBM Tunnel - ALLU	/IUMS sandy with Tr	imix (Ch4321 to 4221	- 100m)	
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch4221 to 3851 - 370m)	ļ	+		JMS silty with Trimix (	·	
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3851 to 3731 - 120m) SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3731 to 3611 - 120m)	-			UVIUMS sandy with - ALLUVIUMS silty w		,
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3611 to 3481 - 130m)	1 1	i i		unnel - ALLUVIUMS sity w		,
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3481 to 3381 - 100m)				BM Tunnel - ALLUVIL		
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch3381 to 3181 - 200m)				ub-sea TBM Tunnel		
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3181 to 3081 - 100m)	4		SE	- Sub-sea TBM Tuni		
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch3081 to 2941 - 140m) SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2941 to 2841 - 100m)					M Tunnel - ALLUVI	
SB - Sub-sea TBM Tunnel - ALLUVIUMS sandy with Trimix (Ch2841 to 2741 - 100m)					b-sea TBM Tunnel	
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2741 to 2694 - 47m)					bub-sea TBM Tunne	
SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2694 to 2595 - 99m)		1 1 1			B - Sub-sea TBM T	
Page 6 of 11 Planned Bar TMCLK - Not	thern Connection Sub-Sea Tunnel Sectior	 \		Date		Checked Approved
	Inem Connection Sub-Sea Tunnel Section		•	08-Apr-14 TMCLK/D	BJGEN/PRG/98507 WY BJGEN/PRG/98507 Rev. B SPa BJGEN/PRG/98507 Rev. C CL	u SPo WYu WXu
Project ID: TMCLK DWPF 16W43   Planned Bar - Critical  Planned Milestone  Deta	ailed Works Programme (Rev. F)	たでである。		30-Od-15 TMCLKD	BJGEN/PRG/98507 Rev. C LL BJGEN/PRG/98507 Rev. F WY	
Progress bar		Dragag HongKo	es ng			
♦ ♦ Progress Milestone	nree Months Rolling Programme	A member of the Bouygues Construction g Dragages - Bouygues Joint Ve	nture 寶嘉 - 布依格聯營			
	Progress as of 30-Oct-16					
	<u> </u>	•		•		

Acti	vity Name									
			Aug	Sep	2016 Oct	Nov	Dec	Jan	2017 Feb	Mar
	SB - Sub-sea TBM Tunnel - ALLUVIUMS silty with Trimix (Ch2595 to 2533 - 62m)									TBM Tunnel - ALLUVI
	Sub-sea TBM Tunnel - NB - Precast Invert Gallery			. Dur sant lauro						
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP44 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP43			1	rt Gallery - Completic ast Invert Gallery - Co	!				
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP42				el - Precast Invert Ga	+	P42			
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP41			NB - Sub-sea TBN	Tunnel - Precast Inv	rt Gallery - Completi	on to CP41			
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP40			1	TBM Tunnel - Prec	1				
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP39 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP38				ea TBM Tunnel - Pre Sub-sea TBM Tunn	1		0020		
	NB - Sub-sea TBM funnel - Precast Invert Gallery - Completion to CP36				NB - Sub-sea TBM	+				
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP36					TBM Tunnel - Precas				
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP35				NB - Sub	-sea TBM Tunnel - Pi	ecast Invert Gallery -	Completion to CP35		
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP34					Sub-sea TBM Tunn	el - Precast Invert Ga	llery - Completion to	CP34	
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP33					+		Gallery - Completion		
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP32							vert Gallery - Comple		
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP31 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP30					i i i		ast Invert Gallery - Co recast Invert Gallery		20
	NB - Sub-sea TBM funnel - Precast Invert Gallery - Completion to CP29							I - Precast Invert Gallery	•	
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP28					1	1	nnel - Precast Invert		1
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP27			L	1   		NB - Sub-sea TE	3M Tunnel - Precast Ir	vert Gallery - Con	npletion to CP27
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP26					1	NB - Sub-se	a TBM Tunnel - Prec	ast Invert Gallery ·	Completion to CP26
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP25						NB - S	ub-sea TBM Tunnel -	Precast Invert Gal	lery - Completion to C
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP24									t Gallery - Completior
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP23									nvert Gallery - Compl
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP22 NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP21						l			cast Invert Gallery - C
	NB - Sub-sea TBM funnel - Precast Invert Gallery - Completion to CP21									Precast Invert Gallery
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP19									Tunnel - Precast Inve
	NB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP18									TBM Tunnel - Precas
	Sub-sea TBM Tunnel - SB - Precast Invert Gallery									
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP39	В	- Sub-sea TBM Tunr	el - Precast Invert G	allery - Completion t	CP39				
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP38			i i i i i i i i i i i i i i i i i i i	ert Gallery - Complet	i				
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP37				st Invert Gallery - Co	1.1				
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP36 SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP35				Precast Invert Galler	1				
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP35				nel - Precast Invert C Tunnel - Precast Inv					
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP33				b-sea TBM Tunnel -	1		33		
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP32				- Sub-sea TBM Tuni	1				
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP31				•	h Tunnel - Precast In				
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP30				SB - Sub-se	TBM Tunnel - Preca	st Invert Gallery - Co	mpletion to CP30		
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP29				SB - Su	-sea TBM Tunnel - F	recast Invert Gallery	- Completion to CP29	)	
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP28					1		Gallery - Completion		
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP27					1	1	vert Gallery - Comple		
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP26 SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP25			i 		<u>+ <u></u></u>		cast Invert Gallery - (		
	SB - Sub-sea TBM funnel - Precast Invert Gallery - Completion to CP23							Precast Invert Galler		
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP23							a TBM Tunnel - Preca	, ,	
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP22								-	ery - Completion to C
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP21						s	B - Sub-sea TBM Tur	nel - Precast Inve	rt Gallery - Completio
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP20							SB - Sub-sea TBI	/I Tunnel - Precast	hvert Gallery - Com
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP19							SB - Sub-sea	a TBM Tunnel - Pre	eçast Invert Gallery - (
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP18									nel - Precast Invert G
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP17									Tunnel - Precast Inve
	SB - Sub-sea TBM Tunnel - Precast Invert Gallery - Completion to CP16 Sub-sea Tunnel Cross Passage & Internal Structure					1			SB - Sub-	sea TBM Tunnel - Pre
	Construction									
	Sub-sea Tunnel Cross Passage			1 1 1						
	CP48 - ML03 - Ch6489									
	CP - Pipe Jacking Method - Setup & Assembly	P	ipe Jacking Method	Setup & Assembly		; ; 1				
	CP - Piping Jacking Method - Break-in & Excavation		CP - Piping Jacking							
	CP - Pipe Jacking Method - Break-out & Demobilization		CP - Pipe Ja	e e	k-out & Demobilizatio	i i				
	CP - Remaining Internal Structure & Finishing CP47 - ML03 - Ch6390			CP - Remaining	hternal Structure & F	uisning				
	CP - Pipe Jacking Method - Setup & Assembly		- Pipe Jacking Metho	d - Setun & Assemt	v.					
	CP - Piping Jacking Method - Break-in & Excavation		CP - Piping Jacking		+	1				
	CP - Pipe Jacking Method - Break-out & Demobilization			-	eak-out & Demobiliz	ation	1 1			
	CP - Remaining Internal Structure & Finishing			CP - Remain	ing Internal Structure	& Finishing				
	CP46 - ML03 - Ch6292									
	CP - Pipe Jacking Method - Setup & Assembly	<b>I</b>		cking Method - Setu	1					
	CP - Pipe Jacking Method - Break-in & Excavation				Break-in & Excavat					
	CP - Pipe Jacking Method - Break-out & Demobilization CP - Remaining Internal Structure & Finishing				Method - Break-out &	i	ha			
	CP - Remaining Internal Structure & Finishing CP45 - ML03 - Ch6193				P - Remaining Intern	ai Siruciure & Finishi	μġ			
	CP45 - ML03 - Ch6193 CP - Pipe Jacking Method - Setup & Assembly		CP - Pine	Jacking Method - S	etup & Assembly					
	CP - Pipe Jacking Method - Break-in & Excavation	f:	<u></u> '		od - Break-in & Exc					
	CP - Pipe Jacking Method - Break-out & Demobilization		31		ing Method - Break-o	1				
	CP - Remaining Internal Structure & Finishing				1	ternal Structure & Fir				
	CP44 - ML03 - Ch6095									
	CP - Pipe Jacking Method - Setup & Assembly				g Method - Setup &	+				
	CP - Pipe Jacking Method - Break-in & Excavation				Jacking Method - Br					
	CP - Pipe Jacking Method - Break-out & Demobilization				P - Pipe Jacking Met					
	CP - Remaining Internal Structure & Finishing CP43 - ML03 - Ch5996				CP	Remaining Internal	ວtructure & Finishing			
	CP43 - ML03 - Ch5996 CP - Pipe Jacking Method - Setup & Assembly			CP - Pine la	king Method - Setu	a & Assembly				
	CP - Pipe Jacking Method - Break-in & Excavation				pe Jacking Method	+	' on			
	CP - Pipe Jacking Method - Break-out & Demobilization				-	Wethod - Break-out &				
	CP - Remaining Internal Structure & Finishing					CP - Remaining Inter		ning		
								Baia	Revision	Cheded Approved
Pag	e 7 of 11 Planned Bar	TMCLK - North	ern Connectio	on Sub-Sea T	unnel Section				Revision BJGEN/PRG/98507 W BJGEN/PRG/98507 Rev.B S	Checked Approved /Yu SPo Pa WYu
Proi	ect ID: TMCLK DWPF 16W43	Data	od Marka Dr-	aramma /De-	( E)		嘉	28-Aug-14 TMCLK/D		La WYu
	Planned Milestone	Detail	ed Works Pro	yrannne (He\	ч. Г <i>)</i>	港貝 Dragag HongKa	ges BOUYGUES			
Data	a Date: 30-Oct-16	Thre	ee Months Ro	lling Program	me	A member of the Bouygues Construction	group			
ł	Progress Milestone					Dragages - Bouygues Joint Ve	enrure 貿嘉 - 布依格聯營			
			Progress as c	of 30-Oct-16						

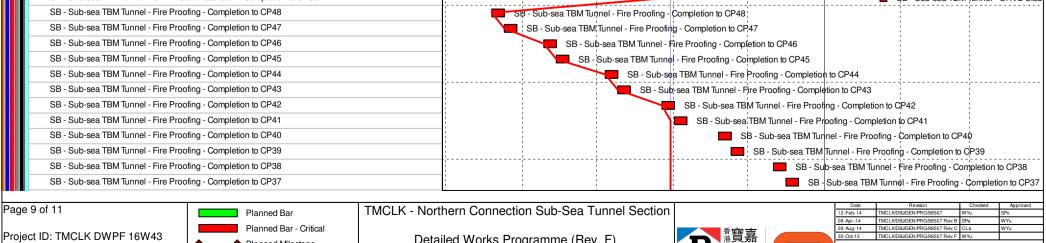




ity Name							
	A	Con	2016	Nov	Dee	2017	Mar
CP42 - ML03 - Ch5898	Aug	Sep	Oct	Nov	Dec	Jan Feb	Mar
CP-2 - WiLOS - CH3656 CP - Pipe Jacking Method - Setup & Assembly		:	CP - Pipe Jacking Meth	od - Satur & Acco	mbly		
CP - Pipe Jacking Method - Break-in & Excavation				g Method - Break-			
CP - Pipe Jacking Method - Break-out & Demobilization	1		· · · · · · · · · · · · · · · · · · ·	-	Break-out & Demok	ilization	
CP - Remaining Internal Structure & Finishing	1			-	ning Internal Structu		1
CP41 - ML03 - Ch5800		_					
CP - Pipe Jacking Method - Setup & Assembly			CP - Pipe Jacking Me	ethod - Setun & 🏻	sembly		
CP - Piping Jacking Method - Break-in & Excavation			+		eak-in & Excavation		
CP - Pipe Jacking Method - Break-out & Demobilization			· · ·		d - Break-out & Dem	obilization	
CP - Remaining Internal Structure & Finishing	1				emaining Internal Str		-
CP40 - ML03 - Ch5703							
CP - Pipe Jacking Method - Setup & Assembly			CP - Pipe Jac	king Method - Se	up & Assembly		
CP - Piping Jacking Method - Break-in & Excavation			+-		Method - Break-in &	Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization						k-out & Demobilization	
CP - Remaining Internal Structure & Finishing	-					Internal Structure & Finishing	1
CP39 - ML03 - Ch5607					- ·		
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CP - Piping Jacking Method - Break-in & Excavation					ng Method - Break-ir		
CP - Pipe Jacking Method - Break-out & Demobilization	1				0	eak-out & Demobilization	
CP - Remaining Internal Structure & Finishing	1				-	ng Internal Structure & Finishing	
CP38 - ML03 - Ch5510							
CP - Pipe Jacking Method - Setup & Assembly		-	CP	- Pipe Jacking Me	ethod - Setup & Asse	mbly	
CP - Piping Jacking Method - Break-in & Excavation				CP -	Piping Jacking Metho	d - Break-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization	1				CP - Pipe Jacking	Method - Break-out & Demobilization	
CP - Remaining Internal Structure & Finishing	1			_		CP - Remaining Internal Structure & Fi	nishing
CP37 - ML03 - Ch5413							
CP - Pipe Jacking Method - Setup & Assembly				CP - Pipe Jackir	g Method - Setup &	Assembly	
CP - Piping Jacking Method - Break-in & Excavation						thod - Break-in & Excavation	
CP - Pipe Jacking Method - Break-out & Demobilization					CP - Pipe Jack	ing Method - Break-out & Demobilizatio	'n
CP - Remaining Internal Structure & Finishing						CP - Remaining Internal Structure &	<b>F</b> inishing
CP36 - ML03 - Ch5315							
CP - Pipe Jacking Method - Setup & Assembly				CP - Pipe Ja	acking Method - Setu	p & Assembly	
CP - Piping Jacking Method - Break-in & Excavation					CP - Piping	Jacking Method - Break-in & Excavation	ph
CP - Pipe Jacking Method - Break-out & Demobilization					CF	- Pipe Jacking Method - Break-out & D	emobilization
CP - Remaining Internal Structure & Finishing						CP - Remaining Interna	aļ Structure & Finishir
CP35 - ML03 - Ch5217							
CP - Pipe Jacking Method - Setup & Assembly				CP - P	ipe Jacking Method	Setup & Assembly	
CP - Piping Jacking Method - Break-in & Excavation			N		CP - Pip	ing Jacking Method - Break-in & Excav	ation
CP - Pipe Jacking Method - Break-out & Demobilization						CP - Pipe Jacking Method - Break-out &	Demobilization
CP - Remaining Internal Structure & Finishing						CP - Remaining Intern	al Structure & Finish
CP34 - ML03 - Ch5118			/				
CP - Pipe Jacking Method - Setup & Assembly		! !		CP	- Pipe Jacking Metho	d - Setup & Assembly	
CP - Piping Jacking Method - Break-in & Excavation		   	Ň			CP - Piping Jacking Method - Brea	1
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CP - Remaining Internal Structure & Finishing						CP - F	Remaining Internal St
CP33 - ML03 - Ch5020							
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CP - Piping Jacking Method - Break-in & Excavation					-	CP - Piping Jacking Method - Br	1
CP - Pipe Jacking Method - Break-out & Demobilization						CP - Pipe Jacking Metho	
CP - Remaining Internal Structure & Finishing						CP	Remaining Internal
CP32 - ML03 - Ch4921							
CP - Pipe Jacking Method - Setup & Assembly	<u> </u>				CP - Pipe Jack	ing Method - Setup & Assembly	
CP - Piping Jacking Method - Break-in & Excavation	4					CP - Piping Jacking	
CP - Pipe Jacking Method - Break-out & Demobilization						CP - Pipe Ja	cking Method - Brea
CP31 - ML03 - Ch4823	1						
CP - Pipe Jacking Method - Setup & Assembly					CP - Pipe J	acking Method - Setup & Assembly	
CP - Piping Jacking Method - Break-in & Excavation							ng Method - Break-in
CP - Pipe Jacking Method - Break-out & Demobilization						CP - Pipe	Jacking Method - Br
CP30 - ML03 - Ch4724							
CP - Pipe Jacking Method - Setup & Assembly					CP - Pi	e Jacking Method - Setup & Assembly	
CP29 - ML03 - Ch4626							
CP - Pipe Jacking Method - Setup & Assembly					CF	- Pipe Jacking Method - Setup & Asse	mply
CP28 - ML03 - Ch4527							
CP - Pipe Jacking Method - Setup & Assembly						CP - Pipe Jacking Method - Setup	& Assembly
CP27 - ML03 - Ch4429							
CP - Pipe Jacking Method - Setup & Assembly						CP - Pipe Jacking Method - S	etup & Assembly
CP26 - ML03 - Ch4330					<u></u>		
CP - Pipe Jacking Method - Setup & Assembly						CP - Pipe Jacking Metho	u - Setup & Assembl
CP25 - ML03 - Ch4232							
CP - Pipe Jacking Method - Setup & Assembly						CP - Pipe Jacking M	etnoa - Setup & Assi
CP24 - ML03 - Ch4133					_		Mathead Oct. 51
CP - Pipe Jacking Method - Setup & Assembly						CP - Pipe Jacking	Method - Setup & As
CP23 - ML03 - Ch4035		1					lander to the second second
CP - Pipe Jacking Method - Setup & Assembly						CP - Pipe	Jacking Method - S
CP22 - ML03 - Ch3936							
CP - Pipe Jacking Method - Setup & Assembly	10	1	e 📕 🚺		L	CP - F	Pine Jacking Method



<i>i</i> ity Name			2016			2017	
	Aug	Sep	Oct	Nov	Dec	Jan Feb	Mar
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42				li i		Trough - Completion to CP42	
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41				1	1	ble Trough - Completion to CP41	
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP40				!	1	Corbel & Cable Trough - Completion to C	1
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP39				NB -		- Corbel & Cable Trough - Completion	
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38						TBM Tunnel - Corbel & Cable Trough - (	
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP37					·	sea TBM Tunnel - Corpel & Cable Troug	i
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP36						NB - Sub-sea TBM Tunnel - Corbel & C	
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP35						NB - Sub-sea TBM Tunnel - Corbel	
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP34						NB - Sub-sea TBM Tunnel	- Corbel & Cable Tr
NB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP33				J:	1	NB - Sub-sea TBM Tun	nel - Corbel & Cable
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP48	NB -	Sub-sea TBM Tunnel	I - OHVD Slab installa	ation - Completion to	CP48		
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP47		B- Sub-sea TBM Tur	hel - OHVD Slab ins	stallation - Completion	n'to CP47		
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP46		NB - Sub-se	; ∍a TBM Tunnel - OHV	D Slab installation - 0	Completion to CP46		
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP45			1	1	on - Completion to CP	45	
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44			1	1	Slab installation - Com		
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43					/DSlab installation - C		
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP42				li i		nstallation - Completion to CP42	
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41				1	1	ap installation - Completion to CP41	
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP40			7			I - OHVD Slab installation - Completion to	o CP40
NB - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP39					1	nhel - OHVD Slab installation - Completion in	
NB - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP39			·			ea TBM Tunnel - OHVD Slab installation	
NB - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP38					_	ea TBM lunnel - OHVD Slab Installation	
NB - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP37	]				Su - Su	Ib-sea TBM Tunnel - OHVD Slab installat NB - Sub-sea TBM Tunnel - OHVD S	1
NB - Sub-sea TBM lunnel - OHVD Slab installation - Completion to CP36 NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP35					-	T	1
NB - Sub-sea TBM lunnel - OHVD Slab installation - Completion to CP35 NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP34			-			NB - Sub-sea TBM Tunnel - OHVI	1
				<b>.</b>		NB - Sub-sea TBM Tu	
NB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP33		line and the second second	dol Erro	hmalett		NB - Sub-sea TBN	Tunnel - OHVD Slal
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48		- i	ndel - Fire Proofing - C	1			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP47	\			g - Completion to CP4			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP46			1	ire Proofing - Comple			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP45		NB - :	<u></u>	Fire Proofing - Com			
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44				li i	Proofing - Completion		
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43			NB - Sub	1	re Proofing - Complet	1	
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42					1	ng - Completion to CP42	
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP41				· · · · · · · · · · · · · · · · · · ·		oofing - Completion to CP41	
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP40				🗖 NB	3 - Sub-sea TBM Tunr	nel - Fire Proofing - Completion to CP40	
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP39				• • • • • • • • • • • • • • • • • • •		Tunnel - Fire Proofing - Completion to CF	
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP38						b-sea TBM Tunnel - Fire Proofing - Comp	i
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP37					_	Sub-sea TBM Tunnel - Fire Proofing - Co	i .
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP36						NB - Sub-sea TBM Tunnel - Fire F	1.1
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP35			1			NB - Sub-sea TBM Tunnel -	
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP34			· <u>+</u>	1	1	NB - Sub-sea TBM	· · · · · · · · · · · · · · · · · · ·
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP33				J.		NB - Sub-sea TE	;
Sub-sea TBM Tunnel - SB - Remaining Internal Structure							
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP48		-sea TBM Tunnel	orbel & Cable Trous	h - Completion to CP	48		
SB - Sub-sea TBM Tunnel - Corbet & Cable Trough - Completion to CP48			-	rough - Completion to CP			
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP47			• 🛉	rougn - Completion to		-	
SB - Sub-sea TBM Tunnel - Corbet & Cable Trough - Completion to CP46 SB - Sub-sea TBM Tunnel - Corbet & Cable Trough - Completion to CP45					1.1		
SB - Sub-sea TBM lunnel - Corbel & Cable Trough - Completion to CP45 SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP44		SB - Sub-s	1	1	-¦Completion to CP45	1	
		₹.	1	1	able Trough - Comple		
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP43					& Cable Trough - Cor		
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP42						Trough - Completion to CP42	
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP41			- <b>-</b>	i		ble Trough - Completion to CP41	
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP40				· · · · · · · · · · · · · · · · · · ·	1	Corbel & Cable Trough - Completion to C	1
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP39				SB -		el - Corbel & Cable Trough - Completion	1
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP38						TBM Tunnel - Corbel & Cable Trough - (	
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP37					-;	sea TBM Tunnel - Corbel & Cable Trougl	
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP36						SB - Sub-sea TBM Tunnel - Corbel & C	able Trough - Comp
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP35					-	SB - Sub-sea TBM Tunnel - Corbel	
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP34						SB - Sub-sea TBM Tunne	el - Corbel & Cable T
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP33				4		SB - Sub-sea TBM Tu	nnel - Corbel & Cab
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP48	SB -	Şub-sea TBM Tunne	- OHVD Slab instal	lation - Completion to	CP48		
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP47	s	ነළ - Sub-sea TBM Tu	nnel - OHVD Slab in:	stallation - Completion	ή to CP47		
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP46			i i	IVD Slab installation -	1		
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP45			i.	li i	on - Completion to CF	i i	
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP44			1	1	Slab installation - Cor	1	
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP43		1			VD Slab installation -		
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP42			· • · · · · · · · · · · · · · · · · · ·	- <del>;</del>	-j	installation - Completion to CP42	
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP41				i.	1	ab installation - Completion to CP41	
SB - Sub-sea TBM Tunnel - OHVD Slab Installation - Completion to CP41			7	1	1	ab Installation - Completion to CP41	6 CP40
SB - Sub-sea TBM Tunnel - OHVD Stab installation - Completion to CP40 SB - Sub-sea TBM Tunnel - OHVD Stab installation - Completion to CP39				· · · · · · · · · · · · · · · · · · ·	1	nnel - OHVD Slab installation - Completion f	1
SB - Sub-sea TBM Tunnel - OHVD Stab Installation - Completion to CP39 SB - Sub-sea TBM Tunnel - OHVD Stab installation - Completion to CP38						nnel - OHVD Slab installation - Completi sea TBM Tunnel - OHVD Slab installatior	
SB - Sub-sea TBM lunnel - OHVD Slab installation - Completion to CP38 SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP37			÷				·····
					SB - Su	ub-sea TBM Tunnel - OHVD Slab installa	i i
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP36					÷ •	SB - Sub-sea TBM Tunnel - OHVD	i .
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP35						SB - Sub-sea TBM Tunnel - OH	1
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP34						SB - Sub-sea TBM Tun	
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP33						SB - Sub-sea TBM	iunnel - OHVD Slab
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48	; <b>—</b>	ъ́₿ - Sub-sea TBM Tu	nnel - Fire Proofing -	Completion to CP48	۱¦		-



Data Date: 30-Oct-16

Planned Milestone Progress bar **◇** Progress Milestone

Detailed Works Programme (Rev. F)

Three Months Rolling Programme

BOUYGUES TRAVAUX PUBLICS

Dragages HongKong

gages - Bouygues Joint Venture 寶嘉 - 布依格聯營

Activity Name			-0040				0017	
	Aug	Sep	2016 Oct	Nov	Dec	Jan	2017 Feb	Mar
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP36						SB - Sub-sea	TBM Tunnel - Fire	Proofing - Completion
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP35	-						1	Fire Proofing - Com
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP34 SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP33								unnel - Fire Proofing M Tunnel - Fire Pro
Southern Landfall							SD-Sub-sea II	
South Cut & Cover Tunnel	_						1 1 1	1 1 1
Design Submission								1 1 1
(E2) DDA for South C&C Box & Approach Ramp							, , ,	: : : 
Review & Comment by JV	-							
Designer prepare DDA Formal Submission of DDA to ICE/ IPs	-							
Advanced Submission to SO							1	1
IPs/SO'sAdvance Comments/ ICE Comments								, , ,
Comments Received	-						     	     
Designer to Reply RtC + Update Submission Method Statement Submission								   
Method Statement of Construction Methodology of C&C Tunnels								1 1 1
Preparation Method Statement for C&C Tunnels			     					1 1 1
Submit Method Statement to SO							     	
SO Reviews & Comments Re-submission	-							1 1 1
SO's Review	-							1 1 1
Construction								
C&C Tunnel - 1st 85m - Tunnel Structure	C&C Tunne	l¦- 1st 85m - Tunnel S	tructure					
C&C Tunnel - 1st 85m - Backfilling	C&C Tur	n¦el - 1st 85m - Backf	-					
C&C Tunnel - 2nd 85m - Tunnel Structure C&C Tunnel - 2nd 85m - B ackfilling	1	C&0	Tunnel - 2nd 85m -				1 1 1	
C&C lunnel - 2nd 85m - Backtilling C&C Tunnel - 3rd 85m - Tunnel Structure			C&C Tunnel - 2nd		d 85m - Tunnel Struct	ure	1 1 1	1 1 1
C&C Tunnel - 3rd 85m - Backfilling					Tunnel - 3rd 85m - B			 
C&C Tunnel - 4th 85m - E xcavation by vertical mean		C&C Tunnel - 4	h 85m - Excavation b			-	1 1 1	
C&C Tunnel - 4th 85m - Tunnel Structure					C&C Tunr	iel - 4th 85m - Tunne	1	
C&C Tunnel - 4th 85m - B ackfilling		Tunnel Eth 9Em E	very stign by remp			C&C Tunnel - 4th	85m - Backfilling	
C&C Tunnel - 5th 85m - E xcavation by ramp C&C Tunnel - 5th 85m - E xcavation by vertical mean	C&0	C Tunnel - 5th 85m - E		nel - 5th 85m - Exca	vation by vertical mea			
C&C Tunnel - 5th 85m - Tunnel Structure	-						C&C Tunnel - 5th 8	¦ 3m - Tunnel Structu
C&C Tunnel - 5th 85m - B ackfilling							1 1	C&C Tunnel - 5th 85
C&C Tunnel - 6th 85m - E xcavation by ramp		C8	C Tunnel - 6th 85m -					   
C&C Tunnel - 6th 85m - E xcavation by vertical mean C&C Tunnel - 6th 85m - Tunnel Structure				C	&C Tunnel - 6th 85m	- Excavation by verti	cal mean	C&C Ti
C&C Tunnel - 7th 152m - Excavation by ramp	-			C&C	Tunnel - 7th 152m - E	xcavation by ramp		
C&C Tunnel - 7th 67m - E xcavation by vertical mean	-						əl - 7th 67m - Exca	ation by vertical me
C&C Tunnel - 7th 67m - Tunnel Structure								
C&C Tunnel - 8th 85m - E xcavation by vertical mean								C&C Tunnel - 8th
Intermediate Slab South Retrieval Shaft							1	
Design Submission								   
(F4) Gantry Crane Support/Foundations in Southern Landfall								   
Preparation of IFA Gantry Crane / Foundation								
Review & Comment by JV	-							
Designer prepare IFA Formal Submission of IFA to ICE/ IPs	-							
Advanced Submission to SO							1 1 1	1 1 1
IPs/ SO's Advance Comments/ ICE Comments								1 1 1
Method Statement Submission								     
Method Statement of Construction Methodology of Retrieval Shaft Preparation Method Statement for Retrieval Shaft	-							   
Submit Method Statement to SO								1 1 1
SO Reviews & Comments	-							
Re-submission								
Construction								1
South Landfall GI Works/DW Setting Up South Retrieval Shaft - Diaphragm Wall	-						1 1 1	1 1 1
Retrieval Shaft - Excavation - Soft (other than Fill)			Betrieval Shaft - E	kcavation - Soft (othe	r than Fill)			1 1 1
Retrieval Shaft - Temp. Slab/Prepare for TBM Breakthrough						np. Slab/Prepare for	TBM Breakthrough	; (
South Approach Ramp								1 1 1
Construction							1 1 1	1 1 1
Appoach Ramp (CH1580-1850) - Pipe Pile/Sheet Piles Wall Appoach Ramp (CH1580-1850) - Tension Piles								1 1 1
South Ventilation Building	-  -							 
Design Submission								   
(I1) DDA for South Vent.Bldg. GBP & Arch.Submission								
IPs Review							1 1 1	1 1 1
IP's No Objection Received SO's Review							' ' ' '	 
SO Approval with Condition Received	-						1 1 1	1 1 1
(I2) DDA for South Vent.Bldg. Foundation Design							1 1 1	1 1 1
Review & Comment by JV								
Designer prepare DDA								
Formal Submission of DDA to ICE/ IPs Advanced Submission to SO							   	   
IPs/ SO's Advance Comments/ ICE Comments								   
Comments Received	-							
Designer to Reply RtC + Update Submission			1 1 1 1					, , , ,
Submit Updated DDA to SO/ ICE/ IPs	- 1						1 1 1	1 1 1
ICE Approval & Issue Check Cert IPs Review	-							
SO's Review	-						   	   
	h e 11					Date	Revision	Checked Approved
	hern Connecti	on Sub-Sea T	unnel Section			12-Feb-14 TMCLK/E 08-Apr-14 TMCLK/E	BJGEN/PRG/98507 W* BJGEN/PRG/98507 Rev.B SP	/u SPo a WYu
Project ID: TMCLK DWPF 16W43   Planned Bar - Critical  Planned Milestone  Deta	iled Works Pro	ogramme (Rev	ν. F)	香寶	嘉		BJGEN/PRG/98507 Rev.C CL BJGEN/PRG/98507 Rev.F W	
Progressbar				Draga	BOUYGUES TRAVAUX PUBLICS			
Data Date: 30-Oct-16 A Progress Milestone Th	ree Months Ro	olling Program	me	A member of the Bouygues Construction Dragages - Bouygues Joint V	group enture 寶嘉 - 布依格聯營			
	Progress as	of 30-Oct-16						
I				ı		1		

y Name								
	Aug	Sep	2016 Oct	Nov	Dec	Jan	2017 Feb	Mar
(I2) DDA for South Vent.Bldg.Structural Design incl.Vent.Connections								
Review & Comment by JV	_	1	1	1				
Designer prepare DDA	_			1 1 1				
Formal Submission of DDA to ICE/ IPs Advanced Submission to SO								
IPs/SO'sAdvance Comments/ ICE Comments	_							
Comments Received			÷		;			
Designer to Reply RtC + Update Submission								
Submit Updated DDA to S O/ ICE/ IPs								
ICE Approval & Issue Check Cert				8 1 1				
IPs Review SO's Review								
(J1) DDA Temp.works for Construction of Sth.Vent.Bldg.								
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								
Construction				+				
Mobilization & Setting Up Piling Rigs								
S -Sheet Piling								
S- Excavation		S- Excavation	1	1				
Substructure Superstructure				• •		Substructure		
South Surface Roadworks, Utility & Drainage works								
Design Submission								
(E1) AIP - Southern Landfall Seawall Modification								
Designer Prepare AIP - Southern Landfall Seawall Modification					Desig	ner Prepare AIP - So	uthern Landfall Se	awall Modific
Review & Comment by JV	_	1				Review & Com	1 1	
Designer prepare AIP	_						1	
Formal Submission of AIP to ICE/IPs Advanced Submission of AIP to SO	-						bmission of AIP to I	
Advanced Submission of A IP to SO Review & Comment by SO/ ICE/ IPs	-					Advanced	Submission of AIP	to SO Comment by
(E1) DDA - Southern Landfall Seawall Modification			;		; ;			
IPs/SO'sAdvance Comments/ ICE Comments								
Comments Received	_							
Designer to Reply RtC + Update Submission	_				1			
Submit Updated DDA to SO/ ICE/ IPs				1 7				
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								
(E3) DDA for Sewerage, Drainage, Waterworks & Utility works for South Land				- - 				
IPs Review IP's No Objection Received	_							
SO's Review	_							
SO Approval with Condition Received			·····		; !			
Method Statement Submission								
Method Statement of Ground Treatment for TBMs Passing under Southern L	a							
Preparation Method Statement for Ground Improvement in South Landfall		1						
Submit Method Statement to SO SO Reviews & Comments								
SO Heviews & Comments Re-submission								
SO's Review								
SO's Approval								
Construction		     		     	   			
Temporary Platform for Ground Treatment for TBM passing under Southern Seawall				1				
Grouting Treatment for TBM passing under Southern Seawall		1			Grouting Treatment fo	r TBM passing under	Southern Seawall	
Testing & Commissioning/Inspection & Handover Final Inspection & Handover								
Final Inspection & Handover Design Submission								
(A12) Maintenance Matrix				1 1	/ ! !			
Prepare Re-submission								
2nd Submission								
SO's Condition Approval				, 1 1				
(A13) Operation & Maintenance Manual				     				
Preparation of Operation and Maintenance Manual 1st Submission	1							
SO's Comments for 1st Submission		1						
SO's Comments for 1st Submission Prepare Re-submission	-			1		1		
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings				           	   			
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings 1st Submission								
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings 1st Submission SO's Comments for 1st Submission								
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings 1st Submission SO's Comments for 1st Submission (A15) Health & Safety File incl.As-built Dwgs & Records,Maintenance Schedu								
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings 1st Submission SO's Comments for 1st Submission								
Prepare Re-submission         (A14) As-built & As-fabricated Drawings         Preparation of As-built and As-fabricated Drawings         1st Submission         SO's Comments for 1st Submission         (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedu         Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, or								
Prepare Re-submission         (A14) As-built & As-fabricated Drawings         Preparation of As-built and As-fabricated Drawings         1st Submission         SO's Comments for 1st Submission         (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedu         Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, or         1st Submission								
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings 1st Submission SO's Comments for 1st Submission (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedu Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, or 1st Submission SO's Comments for 1st Submission	F s, operation and mai		unnel Section			Date 12-Feb-14 TMCLKD	Revision WY	Checked Ap
Prepare Re-submission (A14) As-built & As-fabricated Drawings Preparation of As-built and As-fabricated Drawings 1st Submission SO's Comments for 1st Submission (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedu Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, or 1st Submission SO's Comments for 1st Submission I1 of 11 Planned Bar Planned Bar Planned Bar			unnel Section			12-Feb-14 TMCLK/D 08-Apr-14 TMCLK/D 28-Aug-14 TMCLK/D	BJGEN/PRG/98507 WY BJGEN/PRG/98507 Rev.B SPa BJGEN/PRG/98507 Rev.C CLa	u SPo a WYu a WYu
Prepare Re-submission         (A14) As-built & As-fabricated Drawings         Preparation of As-built and As-fabricated Drawings         1st Submission         SO's Comments for 1st Submission         (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedule         Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, or         1st Submission         SO's Comments for 1st Submission         SO's Comments for 1st Submission         SO's Comments for 1st Submission         11 of 11         Planned Bar         Planned Bar	F s, operation and mai	on Sub-Sea T				12-Feb-14 TMCLKD 08-Apr-14 TMCLKD 28-Aug-14 TMCLKD 30-Od-15 TMCLKD	BJGEN/PRG/98507 WY BJGEN/PRG/98507 Rev.B SPa	u SPo a WYu a WYu
Prepare Re-submission         (A14) As-built & As-fabricated Drawings         Preparation of As-built and As-fabricated Drawings         1st Submission         SO's Comments for 1st Submission         (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedules, or         Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, or         1st Submission         SO's Comments for 1st Submission         SO's Comments for 1st Submission         SO's Comments for 1st Submission         11 of 11         Planned Bar         Planned Bar - Critical         Planned Bar - Critical         Planned Milestone         Progress bar	rthern Connecti ailed Works Pro	on Sub-Sea T ogramme (Re	v. F)		ges BOUYGUES TRAVAUX PUBLICS	12-Feb-14 TMCLKD 08-Apr-14 TMCLKD 28-Aug-14 TMCLKD 30-Od-15 TMCLKD	BJGEN/PRG/98507 WY BJGEN/PRG/98507 Rev.B SPa BJGEN/PRG/98507 Rev.C CLa	u SPo a WYu a WYu
Prepare Re-submission         (A14) As-built & As-fabricated Drawings         Preparation of As-built and As-fabricated Drawings         1st Submission         SO's Comments for 1st Submission         (A15) Health & Safety File incl.As-built Dwgs & Records, Maintenance Schedules, c         Preparation of Health and Safety File including as-built drawings and records, maintenance schedules, c         1st Submission         SO's Comments for 1st Submission         SO's Comments for 1st Submission         SO's Comments for 1st Submission         11 of 11         Planned Bar         Planned Bar         Planned Bar         Planned Bar         Planned Milestone         Prograss bar	F s, operation and mai	on Sub-Sea T ogramme (Re	v. F)	香寶 港寶 Draga HongK	ges ong group	12-Feb-14 TMCLKD 08-Apr-14 TMCLKD 28-Aug-14 TMCLKD 30-Od-15 TMCLKD	BJGEN/PRG/98507 WY BJGEN/PRG/98507 Rev.B SPa BJGEN/PRG/98507 Rev.C CLa	a WYu