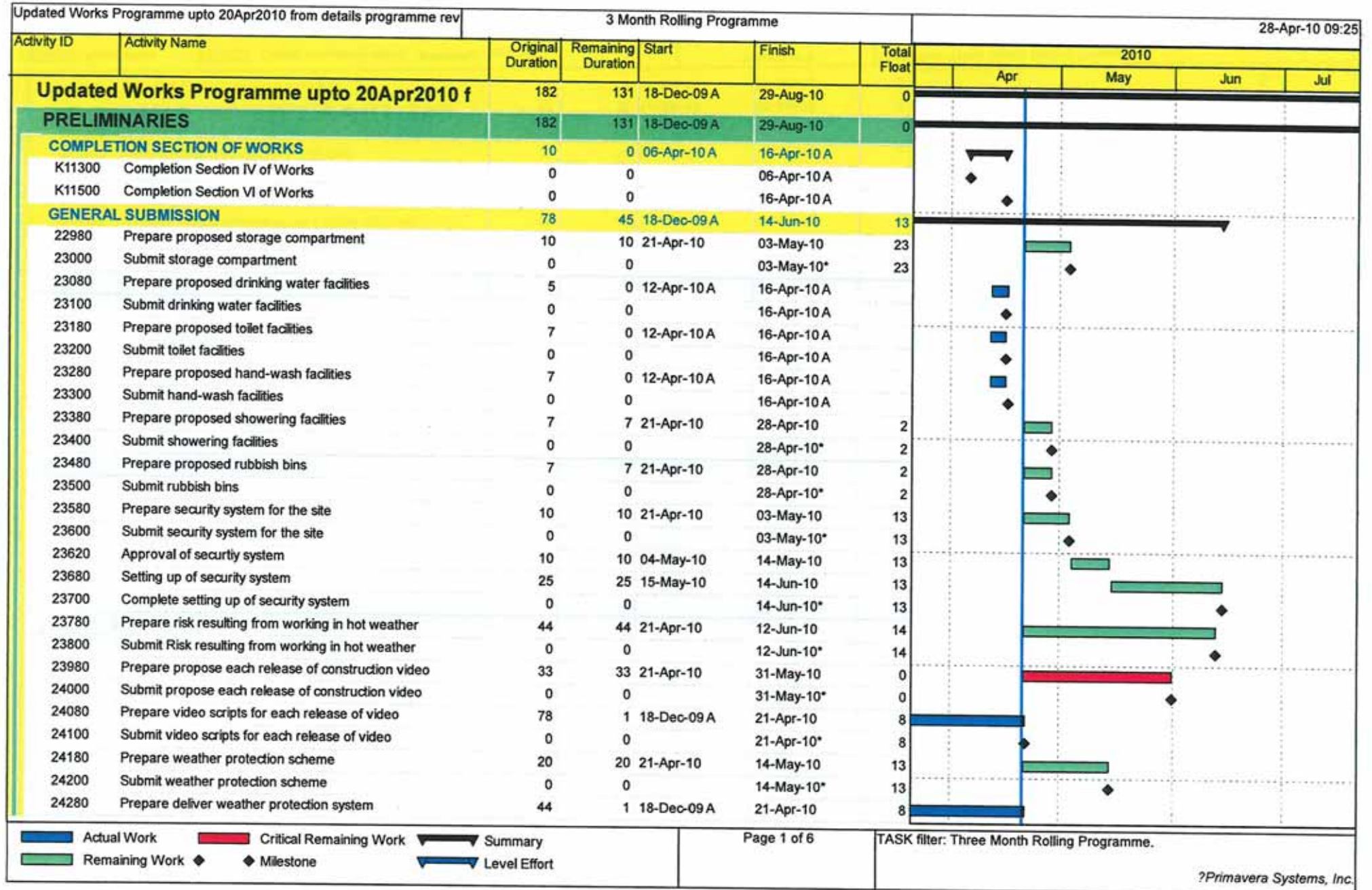


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Updated Works Programme upto 20Apr2010 from details programme rev		3 Month Rolling Programme					28-Apr-10 09:25			
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010			
							Apr	May	Jun	Jul
GEOTECHNICAL INSTRUMENTATION AND MONITORING WC		14	0	09-Mar-10 A	15-Apr-10 A					
PORTION NPR1		14	0	09-Mar-10 A	15-Apr-10 A					
10800	Sub. & app. site investigation report by Engineer	14	0	09-Mar-10 A	15-Apr-10 A					
SEAWALLS AND RECLAMATION WORKS		92	92	30-Mar-10 A	21-Jul-10	-5				
PORTION NPR1		92	92	30-Mar-10 A	21-Jul-10	-5				
DREDGING		10	7	30-Mar-10 A	28-Apr-10	19				
11300	Dredging in Portion NPR1 (37066m3)	10	0	30-Mar-10 A	14-Apr-10 A					
11320	Prepare & Submit Dredging Report	7	7	21-Apr-10	28-Apr-10	19				
SEAWALL CONSTRUCTION		84	84	29-Apr-10	21-Jul-10	-5				
Package 1 SP3-6 & 7-8 5nrs		84	84	29-Apr-10	21-Jul-10	-5				
11900	Remove existing seawall berm stone	8	8	29-Apr-10	08-May-10	19				
12000	Laying geotextile Type A	4	4	10-May-10	13-May-10	19				
12100	Seawall foundation rockfill grade 400 (13071m3)	4	4	14-May-10	18-May-10	19				
12900	Rockfill slope survey checking	6	6	19-May-10	26-May-10	19				
12910	Levelling Stone & Toe Block SP 3-6	15	15	06-Jun-10	20-Jun-10	-5				
12920	Levelling Stone & Toe Block SP 6-7	7	7	21-Jun-10	27-Jun-10	-5				
12930	Levelling Stone & Toe Block SP 7-8	7	7	28-Jun-10	04-Jul-10	-5				
12940	Float Out caisson seawalls (SP3-6 & 7-8) 5nrs	2	2	28-Jun-10	29-Jun-10	0				
12950	Install caisson seawall (SP 3 to 6 & 7 to 8) 5 nos.	10	10	05-Jul-10	14-Jul-10	-5				
13800	Rockfill grade 200 inside caisson seawall	6	6	15-Jul-10	21-Jul-10	-4				
13810	Install Seawall Blocks SP6-7	7	7	15-Jul-10	21-Jul-10	-5				
13820	Geotextile type A & filter layer below -6.65mPD	6	6	15-Jul-10	21-Jul-10	-4				
SECTION 1A OF WORKS (230 DAYS)		137	101	09-Mar-10 A	30-Jul-10	5				
GEOTECHNICAL INSTRUMENTATION AND MONITORING WC		12	0	09-Mar-10 A	09-Apr-10 A					
PORTION NPR1A		12	0	09-Mar-10 A	09-Apr-10 A					
10400	Sub. & app. site investigation report by Engineer	12	0	09-Mar-10 A	09-Apr-10 A					
SEAWALLS AND RECLAMATION WORKS		137	101	16-Mar-10 A	30-Jul-10	5				
PORTION NPR1A		137	101	16-Mar-10 A	30-Jul-10	5				
DREDGING		58	13	16-Mar-10 A	03-May-10	-6				
10300	Remove of existing Causeway Bay East breakwater (4605)	9	10	14-Apr-10 A	03-May-10	-4				
10310	Suspension of removal of existing Causeway Bay East bre	7	0	15-Apr-10 A	20-Apr-10 A					
11100	Dredging in Portion NPR1A (10,200m3)	7	0	16-Mar-10 A	31-Mar-10 A					
11200	Prepare & Submit Dredging Report	7	0	01-Apr-10 A	10-Apr-10 A					

█ Actual Work █ Critical Remaining Work Summary
█ Remaining Work ◆ Milestone Level Effort

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Updated Works Programme upto 20Apr2010 from details programme rev		3 Month Rolling Programme					28-Apr-10 09:25			
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010			
							Apr	May	Jun	Jul
Package 2 of Caisson Seawall SP9-10, 11a-14 & 15-16 6nrs		131	131	21-Apr-10	29-Aug-10	0				
A03500	Tow Barge Back to yard	2	2	30-Jun-10	01-Jul-10	1				
A03600	Casting Caisson Seawall SP 9-10 (Type 1-N)(Land)	45	45	21-Apr-10	04-Jun-10	18				
A03700	Casting Caisson Seawall SP12-13 (Type 1)(Land)	45	45	26-Apr-10	09-Jun-10	18				
A03800	Casting Caisson Seawall SP 13-14 (Type 1-L)(Land)	45	45	01-May-10	14-Jun-10	18				
A03900	Rolling setup	2	2	02-Jul-10	03-Jul-10	1				
A04000	Rolling Caisson seawalls onto Barge (SP9-10, 12-14) 3nrs	6	6	04-Jul-10	09-Jul-10	1				
A04100	Casting Caisson Seawall SP 11a-11b (Type 2-R)(Barge)	45	45	11-Jul-10	24-Aug-10	0				
A04200	Casting Caisson Seawall SP 11b-12 (Type 2)(Barge)	45	45	16-Jul-10	29-Aug-10	0				
Package 3 of Caisson Seawall SP16-22 6nrs		55	55	26-Jun-10	19-Aug-10	0				
A05100	Casting Caisson Seawall SP 16-17 (Type 1)(Land)	45	45	26-Jun-10	09-Aug-10	0				
A05200	Casting Caisson Seawall SP17-18 (Type 1AR)(Land)	45	45	01-Jul-10	14-Aug-10	0				
A05300	Casting Caisson Seawall SP 18-19 (Type 1)(Land)	45	45	06-Jul-10	19-Aug-10	0				
PRE-CAST SEAWALL BLOCK		164	113	15-Mar-10 A	11-Aug-10	-3				
1st Barge of Seawall Block SP1-2		89	4	15-Mar-10 A	28-May-10	-5				
A20100	Casting Seawall Block SP1-2 49nrs	44	0	15-Mar-10 A	01-Apr-10 A					
A20110	Curing Seawall Block SP1-2	14	0	02-Apr-10 A	08-Apr-10 A					
A20120	Transport Seawall Block SP1-2 to Site	4	4	25-May-10	28-May-10	-5				
2nd Barge of Seawall Block SP2-3		73	4	15-Mar-10 A	24-Apr-10	19				
A20200	Casting Seawall Block SP2-3 105nrs	48	0	15-Mar-10 A	01-Apr-10 A					
A20210	Curing Seawall Block SP2-3	14	0	02-Apr-10 A	08-Apr-10 A					
A20220	Transport Seawall block SP2-3 to Site	4	4	21-Apr-10	24-Apr-10	19				
3rd Barge of Seawall Block SP6-7		85	85	21-Apr-10	14-Jul-10	-5				
A20300	Casting Seawall Block SP6-7 137nrs	40	40	21-Apr-10	30-May-10	-3				
A20310	Curing Seawall Block SP6-7	14	14	31-May-10	13-Jun-10	22				
A20320	Transport seawall block SP6-7 to site	4	4	11-Jul-10	14-Jul-10	-5				
4th Barge of Seawall Block SP8-9		60	60	23-May-10	21-Jul-10	-5				
A20400	Casting Seawall Block SP8-9 185nrs	40	40	23-May-10	01-Jul-10	-3				
A20410	Curing Seawall Block SP8-9	14	14	02-Jul-10	15-Jul-10	-3				
A20420	Transport seawall block SP8-9 to site	4	4	18-Jul-10	21-Jul-10	-5				
5th Barge of Seawall Block SP10-11a		40	40	03-Jul-10	11-Aug-10	-3				
A20500	Casting Seawall Block SP10-11a 103nrs	40	40	03-Jul-10	11-Aug-10	-3				
SECTION 1 OF WORKS (290 DAYS)		122	92	09-Mar-10 A	21-Jul-10	-5				

■ Actual Work ■ Critical Remaining Work Summary
■ Remaining Work ◆ Milestone Level Effort

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Updated Works Programme upto 20Apr2010 from details programme rev		3 Month Rolling Programme					28-Apr-10 09:25				
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010				
							Apr	May	Jun	Jul	
12400	Seawall foundation rockfill grade 400 (41082m3)	11	11	07-Jun-10	19-Jun-10	10					
13100	Rockfill slope survey checking	6	6	21-Jun-10	26-Jun-10	10					
Package 2 SP9-10, 11a-14 & 15-16 6nrs		7	7	15-Jul-10	21-Jul-10	-5					
17210	Levelling Stone & Toe Block SP 8-9	7	7	15-Jul-10	21-Jul-10	-5					
DRAINAGE WORKS		60	60	01-Jun-10	30-Jul-10	2					
PORTION NPR2		60	60	01-Jun-10	30-Jul-10	2					
18290	Casting blockwork wall for open channel T	60	60	01-Jun-10*	30-Jul-10	2					
SECTION 3 OF WORKS (600 DAYS)		127	80	01-Mar-10 A	25-Aug-10	0					
GEOTECHNICAL INSTRUMENTATION AND MONITORING WC		14	0	09-Mar-10 A	27-Mar-10 A						
PORTION NPR3		14	0	09-Mar-10 A	27-Mar-10 A						
10600	Sub. & app. site investigation report by Engineer	14	0	09-Mar-10 A	27-Mar-10 A						
SEAWALLS AND RECLAMATION WORKS		80	80	22-May-10	25-Aug-10	0					
PORTION NPR3		80	80	22-May-10	25-Aug-10	0					
DREDGING		80	80	22-May-10	25-Aug-10	0					
11428	Dredging in Portion NPR3 (98844m3)	34	34	22-May-10	02-Jul-10	46					
11430	Protection & Precautionary measures for Existing Island Ea	60	60	15-Jun-10	25-Aug-10	0					
COMMUNITY LIAISON CENTRE		90	0	01-Mar-10 A	31-Mar-10 A						
21600	Construct Community Liaison Centre	90	0	01-Mar-10 A	31-Mar-10 A						
SECTION 4 OF WORKS (110 DAYS)		15	0	16-Mar-10 A	20-Apr-10 A						
WORKS IN PORTION NPR4		15	0	16-Mar-10 A	20-Apr-10 A						
18720	E&M works at NPR4	15	0	16-Mar-10 A	20-Apr-10 A						
SECTION 6 OF WORKS (120 DAYS)		64	10	23-Feb-10 A	30-Apr-10	7					
WORKS IN PORTIONS NPR5B,NPR5C,NPR5D AND NPR5E		64	10	23-Feb-10 A	30-Apr-10	7					
19260	5th barge od delivery of concrete blocks 69nrs	1	0	21-Mar-10 A	21-Mar-10 A						
19500	Install concrete block for special site hoarding	28	0	23-Feb-10 A	12-Apr-10 A						
19600	Erection steel column	14	0	22-Mar-10 A	12-Apr-10 A						
19650	Erection noise absorptive panel	14	5	27-Mar-10 A	26-Apr-10*	4					
19700	Exterior finish of decorative panel	5	9	12-Apr-10 A	30-Apr-10*	5					
25600	Construct new access for Harbour Height	11	0	15-Mar-10 A	31-Mar-10 A						

█ Actual Work █ Critical Remaining Work Summary
█ Remaining Work ◆ Milestone Level Effort

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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010				
							Apr	May	Jun	Jul	
SEAWALL CONSTRUCTION											
Package 1											
11700	Laying geotextile Type A	2	2	04-May-10	05-May-10	-4					
11800	Seawall foundation rockfill grade 400 (3734m3)	4	4	06-May-10	10-May-10	-4					
12800	Rockfill Slope survey checking	1	1	11-May-10	11-May-10	-4					
12810	Levelling Stone & Toe Block SP 2-3	7	7	12-May-10	18-May-10	-5					
12820	Install Seawall Blocks SP 2-3 (-7.5mPD to -5.3mPD)	3	3	19-May-10	21-May-10	-5					
12830	Levelling Stone & Toe Block SP 1-2	7	7	22-May-10	28-May-10	-5					
12840	Install Seawall Blocks SP 1-2	4	4	29-May-10	01-Jun-10	-5					
12850	Install Seawall Blocks SP 2-3 (-3.95mPD to +0.1mPD)	4	4	02-Jun-10	05-Jun-10	-5					
12860	Geotextile type A & filter layer below -6.65mPD	4	4	07-Jun-10	10-Jun-10	13					
15160	Rockfill type A, geotextile type A & filter layer above -6.65m	6	6	17-Jun-10	23-Jun-10	13					
15170	Seawall foundation 0.5T amour and filter layer below -6.65	12	12	07-Jun-10	21-Jun-10	7					
RECLAMATION											
15300	Reclamation upto -6.65mPD	4	4	11-Jun-10	30-Jul-10	-4					
15500	Reclamation upto finish level (27000m3)	14	14	15-Jul-10	30-Jul-10	-4					
CONSTRUCT CAUSEWAY BAY EAST BREAKWATER											
16100	Construct Causeway Bay East breakwater	30	30	22-Jun-10	27-Jul-10	7					
COPINGS											
PORTION NPR1A											
15700	Mass concrete copings (2 bays)	18	18	06-Jul-10	26-Jul-10	0					
SECTION 2 OF WORKS (470 DAYS)											
GEOTECHNICAL INSTRUMENTATION AND MONITORING WC											
PORTION NPR2											
10500	Sub. & app. site investigation report by Engineer	14	0	09-Mar-10 A	27-Mar-10 A						
SEAWALLS AND RECLAMATION WORKS											
PORTION NPR2											
DREDGING											
11400	Dredging in Portion NPR2 (86488m3)	25	25	15-Apr-10 A	20-May-10	11					
11420	Prepare and submit Dredging Report	10	10	22-May-10	02-Jun-10	11					
SEAWALL CONSTRUCTION											
12200	Remove existing seawall berm stone	12	12	21-Apr-10	05-May-10	24					
12300	Laying geotextile Type A	6	6	03-Jun-10	09-Jun-10	11					

█ Actual Work █ Critical Remaining Work Summary
█ Remaining Work ◆ Milestone Level Effort

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Contract No. HK/2009/01

Contract Title : Wan Chai Development Phase II - Central - Wan Chai Bypass at HKCEC

Working Programme for Marine Works (Dredging and Backfilling)

ACTIVITY	START	FINISH	2010												2011												2012												2013																			
			Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec									
Submissions before Works Commencement																																																										
Submit silt curtain deployment plan	31/3/10	31/3/10	◆																																																							
Submit silt screen deployment plan	31/3/10	31/3/10	◆																																																							
Submit measures to mitigate noise impact	31/3/10	31/3/10	◆																																																							
Cross Harbour Watermains from WCN to TST (DP6)																																																										
Trench dredging for marine watermains installation	29/4/10	28/10/10				■																																																				
Backfilling for watermain	28/1/11	14/12/11													■																																											
Reclamation Works at HKCEC Water Channel (DP3)																																																										
Dredging at HKCEC Water Channel (Western Part)	1/6/10	1/8/10			■																																																					
Backfilling to +3.5mPD (Western Part)	17/8/10	6/2/11				■																																																				
Dredging at HKCEC Water Channel (Middle Part)	2/8/10	6/1/11				■																																																				
Backfilling to +3.5mPD (Middle Part)	21/2/11	1/6/11													■																																											
Dredging at HKCEC Water Channel (Eastern Part)	1/12/12	31/12/12																																					■																			
Backfilling to +3.5mPD (Eastern Part)	16/1/13	30/4/13																																					■																			

**Dredging & Reclamation Works Programme Summary
(based on Initial Works Programme Rev. 0)**

ID	Task Name	Duration	Start	Timeline																							
				2010	2011	2012	2013	2014	2015																		
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
1	HK/2009/02-Marine & Reclamation Works	2008 d	Thu 28/1/10																								
2	Contract Commencement	0 d	Thu 28/1/10																								
3	General	1879 d	Mon 22/2/10																								
4	Submission & obtain approval for marine GI	21 d	Mon 22/2/10																								
5	Stage 1 Marine GI for reclamation	30 d	Mon 15/3/10																								
6	Engineer's Design review for Dredging of WCR1, WCR2 & WCR4	30 d	Mon 22/3/10																								
7	Relocation of New Star Ferry Pier	0 d	Tue 18/3/14																								
8	Demolition of Existing Star Ferry Pier	100 d	Tue 18/3/14																								
9	Stage 2 Marine GI for Reclamation	14 d	Tue 18/3/14																								
10	Engineer's Design review for Dredging of WCR3	21 d	Tue 25/3/14																								
11	Complete Diversion of Hung Hing Road Traffic Back to Original	20 d	Fri 6/2/15																								
12	Excavate & remove top of d-wall for permanent seawall construction	50 d	Wed 25/2/15																								
13	Submarine Outfall	500 d	Tue 21/9/10																								
14	Dredging, Laying and Backfilling of Submarine Outfall Pipe at Sea	500 d	Tue 21/9/10																								
15	Phase 1 - WCR1	158 d	Wed 21/4/10																								
16	Mobilization of plants	1 d	Wed 21/4/10																								
17	Seabed dredging	63 d	Wed 21/4/10																								
18	Bedding Filling and Permanent seawall (precast cassion)	60 d	Tue 22/6/10																								
19	Bulk reclamation	37 d	Fri 20/8/10																								
20	Phase 2 - WCR2	149 d	Thu 1/3/12																								
21	Mobilization of plants	1 d	Thu 1/3/12																								
22	Temp seawall and Seabed dredging	77 d	Thu 1/3/12																								
23	Bulk reclamation	73 d	Wed 16/5/12																								
24	Phase 3 - TWCR4 & WCR4	98 d	Sat 28/4/12																								
25	Mobilization of plants	1 d	Sat 28/4/12																								
26	Temp Seawall and Seabed dredging	75 d	Sat 28/4/12																								
27	Bulk & temp reclamation	24 d	Wed 11/7/12																								
28	Phase 4 - WCR3	294 d	Tue 18/3/14																								
29	Mobilization of plants	1 d	Tue 18/3/14																								
30	Seabed dredging for Permanent Seawall	112 d	Tue 18/3/14																								
31	Backfill and permanent seawall (precast cassion)	108 d	Tue 8/7/14																								
32	Bulk reclamation	74 d	Fri 24/10/14																								
33	Phase 5 - Construct Permanent Seawall Blocks along curved coastline & Remove TWCR4	105 d	Wed 15/4/15																								
34	Mobilization of plants	1 d	Wed 15/4/15																								
35	Dredging and Filling for permanent seawall construction	50 d	Wed 15/4/15																								
36	Construction of Permanent Seawall Blocks for curved coastline	56 d	Wed 3/6/15																								
37	Remove temp seawall and reinstate the location of TWCR4	30 d	Mon 29/6/15																								

Project: Reclamation Works Programme
Date: Tue 9/3/10

Task		Summary		Rolled Up Progress		Project Summary	
Progress		Rolled Up Task		Split		Group By Summary	
Milestone		Rolled Up Milestone		External Tasks		Deadline	