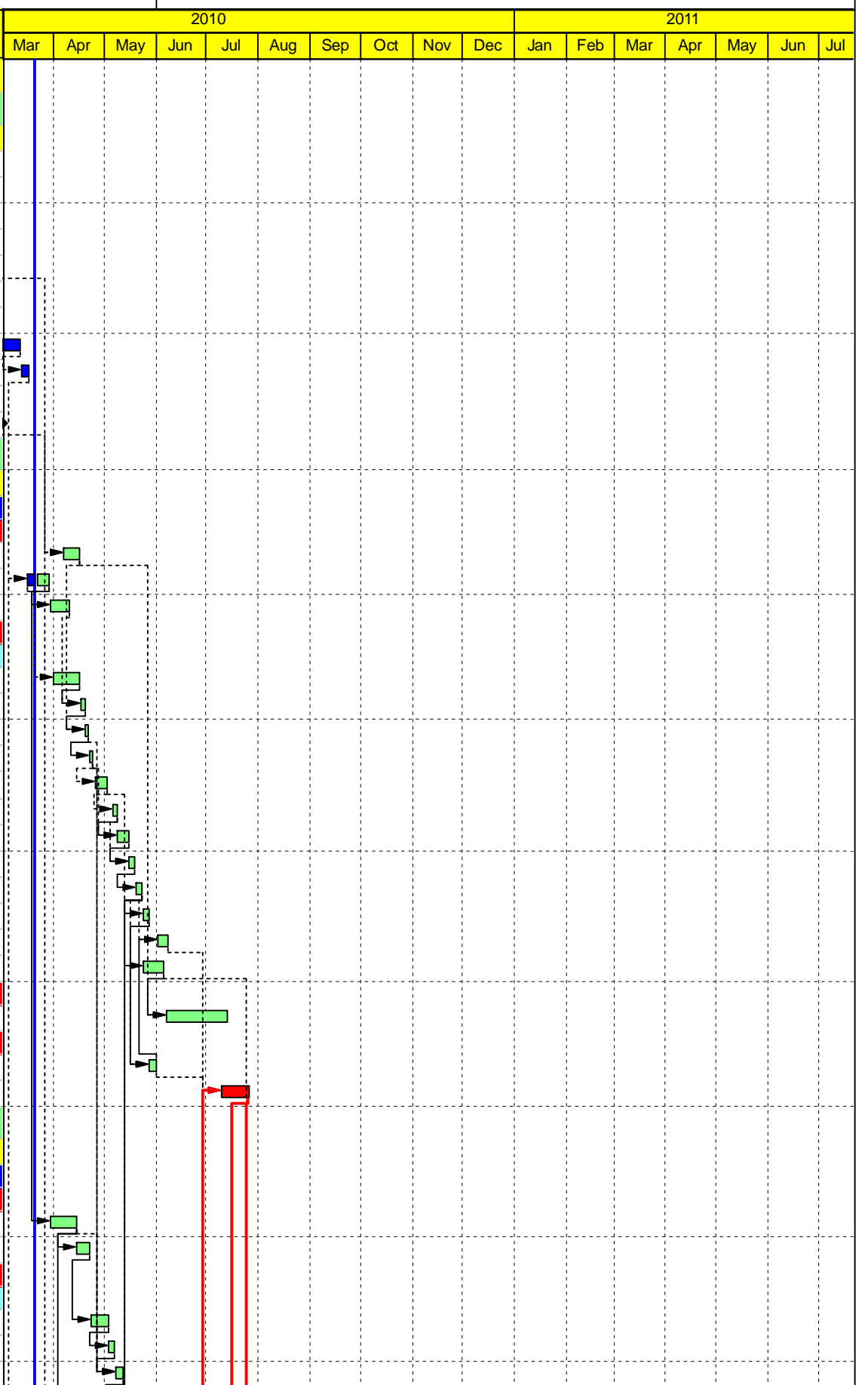


Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010												2011					
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
Updated Works Programme upto 20Mar2010 from details programme rev1																								
PRELIMINARIES																								
GENERAL SUBMISSION																								
10900	Prepare coral translocation plan	15	0	02-Jan-10 A	19-Jan-10 A																			
11000	Sub. & app. coral translocation plan	28	0	20-Jan-10 A	01-Feb-10 A																			
11050	Sub. & app. proposed casting yard	24	0	07-Jan-10 A	03-Feb-10 A																			
25180	Prepare silt curtain deployment plan	31	0	18-Dec-09 A	25-Feb-10 A																			
25200	Submit silt curtain deployment plan to EPD	0	0		25-Feb-10 A																			
25280	Prepare silt screen deployment plan	31	0	18-Dec-09 A	25-Feb-10 A																			
25300	Submit silt screen deployment plan to EPD	0	0		25-Feb-10 A																			
25380	Prepare silt screen for water intake	20	0	26-Jan-10 A	12-Mar-10 A																			
25400	Install silt screen for water intake	10	0	13-Mar-10 A	17-Mar-10 A																			
25480	Prepare noise management Plan	40	0	18-Dec-09 A	01-Mar-10 A																			
25500	Submit noise management Plan to EPD	0	0		01-Mar-10 A																			
SECTION 1A OF WORKS (230 DAYS)																								
SEAWALLS AND RECLAMATION WORKS																								
PORTION NPR1A																								
DREDGING																								
10300	Remove of existing Causeway Bay East breakwater (4605m3)	9	9	07-Apr-10*	16-Apr-10	11																		
11100	Dredging in Portion NPR1A (10,200m3)	7	7	16-Mar-10 A	29-Mar-10	14																		
11200	Prepare & Submit Dredging Report	7	7	30-Mar-10	10-Apr-10	14																		
SEAWALL CONSTRUCTION																								
Package 1																								
116i	Remove existing seawall berm stone	10	10	01-Apr-10	16-Apr-10	9																		
117i	Laying geotextile Type A	2	2	17-Apr-10	19-Apr-10	9																		
118i	Seawall foundation rockfill grade 400 (3734m3)	2	2	20-Apr-10	21-Apr-10	9																		
128	Rockfill Slope survery checking	3	3	22-Apr-10	24-Apr-10	9																		
128	Levelling Stone & Toe Block SP 2-3	7	7	26-Apr-10*	02-May-10	11																		
128	Install Seawall Blocks SP 2-3 (-7.5mPD to -5.3mPD)	3	3	06-May-10	08-May-10	8																		
128	Levelling Stone & Toe Block SP 1-2	7	7	09-May-10	15-May-10	8																		
128	Install Seawall Blocks SP 1-2	4	4	16-May-10	19-May-10	8																		
128	Install Seawall Blocks SP 2-3 (-3.95mPD to +0.1mPD)	4	4	20-May-10	23-May-10	8																		
128	Geotextile type A & filter layer below -6.65mPD	4	4	24-May-10	27-May-10	25																		
151	Rockfill type A, geotextile type A & filter layer above -6.65mPD	6	6	02-Jun-10	08-Jun-10	25																		
151	Seawall foundation 0.5T amour and filter layer below -6.65mPD	12	12	24-May-10	05-Jun-10	19																		
CONSTRUCT CAUSEWAY BAY EAST BREAKWATER																								
16100	Construct Causeway Bay East breakwater	30	30	07-Jun-10	13-Jul-10	19																		
RECLAMATION																								
15300	Reclamation upto -6.65mPD	4	4	28-May-10	01-Jun-10	25																		
15500	Reclamation upto finish level (27000m3)	14	14	10-Jul-10	26-Jul-10	0																		
SECTION 1 OF WORKS (290 DAYS)																								
SEAWALLS AND RECLAMATION WORKS																								
PORTION NPR1																								
DREDGING																								
11300	Dredging in Portion NPR1 (37066m3)	10	10	30-Mar-10	14-Apr-10	19																		
11320	Prepare & Submit Dredging Report	7	7	15-Apr-10	22-Apr-10	24																		
SEAWALL CONSTRUCTION																								
Package 1 SP3-6 & 7-8 5nrs																								
119i	Remove existing seawall berm stone	8	8	23-Apr-10	03-May-10	24																		
120	Laying geotextile Type A	4	4	04-May-10	07-May-10	24																		
121	Seawall foundation rockfill grade 400 (13071m3)	4	4	08-May-10	12-May-10	24																		



█ Actual Work █ Critical Remaining Work
█ Remaining Work ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010												2011										
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul						
129	Rockfill slope survey checking	6	6	13-May-10	19-May-10	24																							
129	Levelling Stone & Toe Block SP 3-6	15	15	24-May-10	07-Jun-10	8																							
129	Levelling Stone & Toe Block SP 6-7	7	7	08-Jun-10	14-Jun-10	8																							
129	Levelling Stone & Toe Block SP 7-8	7	7	15-Jun-10	21-Jun-10	8																							
129	Float Out caisson seawalls (SP3-6 & 7-8) 5nrs	2	2	28-Jun-10	29-Jun-10	0																							
129	Install caisson seawall (SP 3 to 6 & 7 to 8) 5 nos.	10	10	30-Jun-10	09-Jul-10	0																							
138	Rockfill grade 200 inside caisson seawall	6	6	10-Jul-10	16-Jul-10	0																							
138	Install Seawall Blocks SP6-7	7	7	10-Jul-10	16-Jul-10	0																							
138	Geotextile type A & filter layer below -6.65mPD	6	6	10-Jul-10	16-Jul-10	0																							
147	Construct in-situ caisson seawall (SP3 to 6 & 7 to 8) 5nos	30	30	27-Jul-10	30-Aug-10	0																							
152	Rockfill type A, geotextile type A & filter layer above -6.65mPD	8	8	27-Jul-10	04-Aug-10	0																							
152	Seawall foundation 0.5T amour and filter layer below -6.65mPD	14	14	05-Aug-10	20-Aug-10	3																							
RECLAMATION																													
15400	Reclamation upto -6.65mPD	8	8	17-Jul-10	26-Jul-10	0																							
15600	Reclamation upto finish level (40500m3)	22	22	05-Aug-10	30-Aug-10	0																							
SECTION 2 OF WORKS (470 DAYS)																													
SEAWALLS AND RECLAMATION WORKS																													
PORTION NPR2																													
DREDGING																													
11400	Dredging in Portion NPR2 (86488m3)	22	22	15-Apr-10	11-May-10	19																							
11420	Prepare and submit Dredging Report	10	10	12-May-10	24-May-10	19																							
SEAWALL CONSTRUCTION																													
12200	Remove existing seawall berm stone	12	12	15-Apr-10	28-Apr-10	29																							
12300	Laying geotextile Type A	6	6	25-May-10	31-May-10	19																							
12400	Seawall foundation rockfill grade 400 (41082m3)	11	11	28-May-10	09-Jun-10	18																							
13100	Rockfill slope survey checking	6	6	10-Jun-10	17-Jun-10	18																							
Package 2 SP9-10, 11a-14 & 15-16 6nrs																													
172	Levelling Stone & Toe Block SP 8-9	7	7	10-Jul-10	16-Jul-10	0																							
172	Install Seawall Blocks SP8-9	7	7	17-Jul-10	23-Jul-10	0																							
172	Levelling Stone & Toe Block SP9-10	5	5	24-Jul-10	28-Jul-10	0																							
172	Levelling Stone & Toe Block SP10-11a	7	7	29-Jul-10	04-Aug-10	0																							
172	Levelling Stone & Toe Block SP 11a-14	18	18	05-Aug-10	22-Aug-10	0																							
172	Levelling Stone & Toe Block SP 14-15	7	7	23-Aug-10	29-Aug-10	0																							
172	Levelling Stone & Toe Block SP 15-17	11	11	30-Aug-10	09-Sep-10	0																							
172	Float Out caisson seawalls (SP9-16) 6nrs	2	2	08-Sep-10	09-Sep-10	0																							
172	Install caisson seawalls (SP9-16) 6nrs	12	12	10-Sep-10	21-Sep-10	0																							
173	Rockfill grade 200 inside caisson seawall SP9-16 6nrs	12	12	22-Sep-10	07-Oct-10	1																							
173	Install Seawall Blocks SP 10-11a	11	11	22-Sep-10	02-Oct-10	0																							
173	Install Seawall Blocks SP14-15	12	12	03-Oct-10	14-Oct-10	0																							
173	Geotextile type A & filter layer below -6.65mPD	6	6	22-Sep-10	29-Sep-10	7																							
173	Construct in-situ caisson seawall (SP9 to SP16) 6nrs	36	36	22-Oct-10	02-Dec-10	15																							
177	Rockfill type A, geotextile type A & filter layer above -6.65mPD	12	12	23-Oct-10	05-Nov-10	5																							
177	Seawall foundation 0.5T amour and filter layer below -6.65mPD	18	18	06-Nov-10	26-Nov-10	84																							
Package 3 SP16-22 6nrs																													
178	Levelling Stone & Toe Block SP 17-22	27	27	10-Sep-10	06-Oct-10	10																							
178	Float Out caisson seawalls (SP16-22) 6nrs	2	2	15-Oct-10	16-Oct-10	0																							
178	Install caisson seawalls (SP16-22) 6nrs	12	12	17-Oct-10	28-Oct-10	0																							
178	Geotextile type A & filter layer below -6.65mPD	5	5	29-Oct-10	03-Nov-10	0																							
178	Rockfill grade 200 inside caisson seawall SP16-22 6nrs	12	12	29-Oct-10	11-Nov-10	0																							
178	Construct in-situ caisson seawall (SP16 to SP22) 6nrs	36	36	03-Dec-10	17-Jan-11	15																							
178	Rockfill type A, geotextile type A & filter layer above -6.65mPD	12	12	12-Nov-10	25-Nov-10	0																							

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010												2011								
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul				
178	Seawall foundation 0.5T amour and filter layer below -6.65mPD	18	18	27-Nov-10	17-Dec-10	84																					
RECLAMATION																											
17500	Reclamation upto -6.65mPD	28	28	09-Oct-10	11-Nov-10	0																					
17600	Reclamation upto finish level (94500m3)	52	52	16-Nov-10	18-Jan-11	0																					
SECTION 3 OF WORKS (600 DAYS)																											
SEAWALLS AND RECLAMATION WORKS																											
PORTION NPR3																											
DREDGING																											
11430	Protection & Precautionary measures for Existing Island Eastern Corridor	60	60	15-Jun-10	25-Aug-10	0																					
11500	Dredging in Portion NPR3 (98844m3)	34	34	26-Aug-10	06-Oct-10	0																					
11510	Prepare and submit Dredging Report	10	10	07-Oct-10	19-Oct-10	0																					
SEAWALL CONSTRUCTION																											
12500	Reeve existing seawall berm stone	12	12	26-Aug-10	08-Sep-10	32																					
12600	Laying geotextile Type A	6	6	20-Oct-10	26-Oct-10	0																					
12700	Seawall foundation rockfill grade 400 (35482m3)	12	12	27-Oct-10	09-Nov-10	0																					
13000	Rockfill Slope survey checking	10	10	10-Nov-10	20-Nov-10	0																					
Package 4 SP22-28 6hrs																											
130	Levelling Stone & Toe Block SP 22-28	30	30	21-Nov-10*	20-Dec-10	1																					
130	Float Out caisson walls SP22 to 28 6hrs	2	2	23-Dec-10	24-Dec-10	1																					
130	Install the caisson walls SP22 to 28 6hrs	12	12	25-Dec-10	05-Jan-11	7																					
130	Geotextile type A & filter layer below -6.65mPD	6	6	06-Jan-11	11-Jan-11	15																					
174	Rockfill grade 200 inside caisson seawall	12	12	06-Jan-11	19-Jan-11	6																					
174	Construct in-situ caisson wall (SP22 to 28) 6hrs	36	36	07-Feb-11	19-Mar-11	9																					
178	Rockfill type A, geotextile type A & filter layer above -6.65mPD	18	18	08-Feb-11	28-Feb-11	7																					
178	Seawall foundation 0.5T amour and filter layer below -6.65mPD	30	30	01-Mar-11	08-Apr-11	7																					
Package 5 SP29-32 & 36-40 7hrs																											
130	Levelling Stone & Toe Block SP 28-29	7	7	21-Dec-10	27-Dec-10	1																					
130	Levelling Stone & Toe Block SP29-32	15	15	28-Dec-10	11-Jan-11	1																					
130	Levelling Stone & Toe Block SP 33-36	21	21	27-Jan-11	16-Feb-11	16																					
130	Levelling Stone & Toe Block SP36-40	18	18	30-Nov-10	17-Dec-10	26																					
130	Levelling Stone & Toe Block SP40-41	11	11	10-Nov-10*	20-Nov-10	26																					
140	Install Seawall Blocks SP 40-41	9	9	21-Nov-10	29-Nov-10	26																					
140	Float Out caisson seawalls SP29-32 & 36-40 7hrs	2	2	11-Jan-11	12-Jan-11	0																					
140	Install caisson seawalls SP29-32 & 36-40 7hrs	14	14	13-Jan-11	26-Jan-11	0																					
140	Geotextile type A & filter layer below -6.65mPD	6	6	27-Jan-11	01-Feb-11	13																					
140	Rockfill grade 200 inside caisson seawall	12	12	27-Jan-11	12-Feb-11	0																					
140	Construct in-situ caisson wall (SP29-32 & 36-40) 7hrs	42	42	21-Mar-11	13-May-11	9																					
140	Install Seawall Blocks SP28-29	9	9	27-Jan-11	04-Feb-11	28																					
140	Install Seawall Blocks SP 32-36	18	18	17-Feb-11	06-Mar-11	16																					
140	Rockfill type A, geotextile type A & filter layer above -6.65mPD	18	18	07-Mar-11	26-Mar-11	14																					
140	Seawall foundation 05.T amour and filter layer below -6.65mPD	30	30	09-Apr-11	14-May-11	7																					
RECLAMATION																											
17900	Reclamation upto -6.65mPD	24	24	27-Jan-11	26-Feb-11	0																					
18000	Reclamation upto finish level (108000m3)	67	67	28-Feb-11	23-May-11	1																					
SECTION 4 OF WORKS (110 DAYS)																											
WORKS IN PORTION NPR4A AND NPR4B																											
25700	Survey Checking	1	0	31-Jan-10 A	31-Jan-10 A																						
25800	Coral Translocation	2	0	21-Feb-10 A	22-Feb-10 A																						
25810	Prepare Coral Translocation Report	10	0	23-Feb-10 A	11-Mar-10 A																						
25820	Submit Coral Translocation Report	0	0		12-Mar-10 A																						

█ Actual Work █ Critical Remaining Work
█ Remaining Work ◆ Milestone

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	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	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 permanet 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 Program
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	