

Updated Works Programme upto 20Jul2010 from details programme rev1		3 Month Rolling Programme					2010			
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	Jun	Jul	Aug	Sep
<b>Updated Works Programme upto 20Jul2010 fr</b>		217	116	18-Dec-09 A	24-Oct-10	94				
<b>PRELIMINARIES</b>		217	116	18-Dec-09 A	24-Oct-10	23				
<b>COMPLETION SECTION OF WORKS</b>		0	0	04-Aug-10	04-Aug-10	0				
K11050	Completion Section IA of Works	0	0		04-Aug-10*	0				
<b>GENERAL SUBMISSION</b>		125	45	18-Dec-09 A	23-Aug-10	7				
22980	Prepare proposed storage compartment	10	10	02-Jul-10	13-Jul-10	16				
23000	Submit storage compartment	0	0		13-Jul-10*	16				
23380	Prepare proposed showering facilities	7	7	02-Jul-10	09-Jul-10	18				
23400	Submit showering facilities	0	0		09-Jul-10*	18				
23480	Prepare proposed rubbish bins	7	7	02-Jul-10	09-Jul-10	18				
23500	Submit rubbish bins	0	0		09-Jul-10*	18				
23580	Prepare security system for the site	10	10	02-Jul-10	13-Jul-10	7				
23600	Submit security system for the site	0	0		13-Jul-10*	7				
23620	Approval of security system	10	10	14-Jul-10	24-Jul-10	7				
23680	Setting up of security system	25	25	26-Jul-10	23-Aug-10	7				
23700	Complete setting up of security system	0	0		23-Aug-10*	7				
23780	Prepare risk resulting from working in hot weather	44	0	22-May-10 A	07-Jun-10 A					
23800	Submit Risk resulting from working in hot weather	0	0		08-Jun-10 A					
24180	Prepare weather protection scheme	20	20	02-Jul-10	24-Jul-10	5				
24200	Submit weather protection scheme	0	0		24-Jul-10*	5				
24280	Prepare deliver weather protection system	44	1	18-Dec-09 A	02-Jul-10	25				
24300	Deliver weather protection system	0	0		02-Jul-10*	25				
26500	Prepare proposal for location and its area for holding pre-w	8	8	02-Jul-10	10-Jul-10	16				
26600	Submit proposal for location and its area for holding pre-wr	0	0		10-Jul-10*	16				
<b>TEMPORARY AND CONTRACTOR DESIGN</b>		101	30	29-Mar-10 A	30-Jul-10	88				
<b>TEMPORARY WORKS DESIGN</b>		55	14	04-May-10 A	14-Jul-10	42				
20500	Sub. & cerf. temp works dsgn for protection & precautionar	7	0	04-May-10 A	07-Jun-10 A					
20600	Sub. & consent temp works dsgn for protection & precautio	28	14	07-Jun-10 A	14-Jul-10	42				
<b>CONTRACTOR DESIGN</b>		101	29	29-Mar-10 A	30-Jul-10	88				
20900	Design steel protection ties for IEC protection	14	1	29-Mar-10 A	02-Jul-10	74				
21000	Sub. & app. steel protection ties for IEC protection by the E	28	28	03-Jul-10	30-Jul-10	88				
<b>PRE-CAST CAISSON SEAWALL</b>		161	100	08-Apr-10 A	08-Oct-10	6				

Actual Work    
  Critical Remaining Work    
  Summary    
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Updated Works Programme upto 20Jul2010 from details programme rev 1

3 Month Rolling Programme

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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010				
							Jun	Jul	Aug	Sep	
<b>Package 1 of Caisson Seawall SP3-6 &amp; 7-8 5nrs</b>											
A00700	Casting Cassion Seawall SP 5-6 (Type 1-L)(Land)	60	0	08-Apr-10 A	01-Jun-10 A	0	[Summary bar from Apr to Jun]				
A00900	Install BT/Bulkhead (SP3-6 & 7-8) 5nrs	10	0	25-May-10 A	15-Jun-10 A		[Actual Work bar from May to Jun]				
A01000	Rolling Setup	3	0	16-Jun-10 A	19-Jun-10 A		[Actual Work bar in Jun]				
A01100	Rolling caisson seawalls onto Barge (SP3-4b) 2nrs	4	0	23-Jun-10 A	29-Jun-10 A		[Actual Work bar in Jun]				
A03000	Tow Barge to HK (SP3-4b) 2nrs	3	4	30-Jun-10 A	04-Jul-10	0	[Actual Work bar in Jun]				
A03002	Tow Barge Back to yard for installation SP4b-6	1	1	06-Jul-10	06-Jul-10	0	[Actual Work bar in Jul]				
A03008	Rolling caisson seawalls onto Barge (SP4b-6) 2nrs	4	4	07-Jul-10	10-Jul-10	0	[Actual Work bar in Jul]				
A03010	Tow Barge to HK (SP4b-6) 2nrs	2	2	11-Jul-10	12-Jul-10	0	[Actual Work bar in Jul]				
A03012	Tow Barge Back to yard for installation SP6-8	2	2	14-Jul-10	15-Jul-10	0	[Actual Work bar in Jul]				
A03018	Rolling caisson seawalls onto Barge (SP6-8) 2nrs	4	4	16-Jul-10	19-Jul-10	0	[Actual Work bar in Jul]				
A03020	Tow Barge to HK (SP6-8) 2nrs	3	3	20-Jul-10*	22-Jul-10	0	[Actual Work bar in Jul]				
<b>Package 2 of Caisson Seawall SP9-10, 11a-14 &amp; 15-16 6nrs</b>											
A03500	Tow Barge Back to yard	2	2	16-Jul-10	17-Jul-10	10	[Actual Work bar in Jul]				
A03600	Casting Cassion Seawall SP 9-10 (Type 1-N)(Land)	45	4	10-May-10 A	04-Jul-10	51	[Actual Work bar from May to Jul]				
A03700	Casting Cassion Seawall SP12-13 (Type 1)(Land)	45	10	24-May-10 A	10-Jul-10	45	[Actual Work bar from May to Jul]				
A03800	Casting Cassion Seawall SP 13-14 (Type 1-L)(Land)	45	3	22-May-10 A	03-Jul-10	52	[Actual Work bar from May to Jul]				
A03900	Rolling setup	2	2	18-Jul-10	19-Jul-10	10	[Actual Work bar in Jul]				
A04000	Rolling Caisson seawalls onto Barge (SP9-10, 12-14) 3nrs	6	6	20-Jul-10	25-Jul-10	10	[Actual Work bar in Jul]				
A04100	Casting Cassion Seawall SP 11a-11b (Type 2-R)(Barge)	45	45	06-Jul-10	19-Aug-10	5	[Actual Work bar from Jul to Aug]				
A04200	Casting Cassion Seawall SP 11b-12 (Type 2)(Barge)	45	45	11-Jul-10	24-Aug-10	5	[Actual Work bar from Jul to Aug]				
A04300	Casting Cassion Seawall SP 15-16 (Type 2-R)(Barge)	45	45	16-Jul-10	29-Aug-10	5	[Actual Work bar from Jul to Aug]				
A04400	Install BT/Bulkhead (SP9-10, 11a-14 & 15-16) 6nrs	12	12	20-Aug-10	31-Aug-10	5	[Actual Work bar in Aug]				
A04600	Tow Barge to HK (SP9-10, 11a-14 & 15-16) 6nrs	2	2	01-Sep-10	02-Sep-10	5	[Actual Work bar in Sep]				
<b>Package 3 of Caisson Seawall SP16-22 6nrs</b>											
A05000	Tow Barge Back to yard	2	2	05-Sep-10	06-Sep-10	22	[Actual Work bar in Sep]				
A05100	Casting Cassion Seawall SP 16-17 (Type 1)(Land)	45	35	21-Jun-10 A	04-Aug-10	20	[Actual Work bar from Jun to Aug]				
A05200	Casting Cassion Seawall SP17-18 (Type 1AR)(Land)	45	40	26-Jun-10 A	09-Aug-10	5	[Actual Work bar from Jun to Aug]				
A05300	Casting Cassion Seawall SP 18-19 (Type 1)(Land)	45	45	01-Jul-10	14-Aug-10	5	[Actual Work bar from Jul to Aug]				
A05400	Casting Cassion Seawall SP 19-20 (Type 1)(Land)	45	45	21-Jul-10	03-Sep-10	5	[Actual Work bar from Jul to Sep]				
A05500	Casting Cassion Seawall SP 20-21 (Type 1BR)(Land)	45	45	26-Jul-10	08-Sep-10	5	[Actual Work bar from Jul to Sep]				
A05600	Casting Cassion Seawall SP 21-22 (Type 1)(Land)	45	45	31-Jul-10	13-Sep-10	5	[Actual Work bar from Jul to Sep]				
A05700	Install BT/Bulkhead (SP16-22) 6nrs	12	12	04-Sep-10	15-Sep-10	15	[Actual Work bar in Sep]				

Actual Work
  Critical Remaining Work
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Updated Works Programme upto 20Jul2010 from details programme rev1 3 Month Rolling Programme 05-Jul-10 17:13

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010			
							Jun	Jul	Aug	Sep
A05800	Rolling Setup	2	2	14-Sep-10	15-Sep-10	15				
A05900	Rolling caisson seawalls onto Barge (SP16-22) 6nrs	12	12	16-Sep-10	27-Sep-10	15				
A06100	Tow Barge to HK (SP16-22) 6nrs	2	2	28-Sep-10	29-Sep-10	15				
<b>Package 4 of Caisson Seawall SP22-28 6nrs</b>		<b>50</b>	<b>50</b>	<b>05-Aug-10</b>	<b>23-Sep-10</b>	<b>20</b>				
A08000	Casting Cassion Seawall SP 22-23 (Type 1)(Land)	45	45	05-Aug-10	18-Sep-10	20				
A08100	Casting Cassion Seawall SP23-24 (Type 1)(Land)	45	45	10-Aug-10	23-Sep-10	20				
<b>Package 5 of Caisson Seawall SP29-32 &amp; 36-40 7nrs</b>		<b>55</b>	<b>55</b>	<b>15-Aug-10</b>	<b>08-Oct-10</b>	<b>5</b>				
A09500	Casting Cassion Seawall SP 36-37 (Type 3A-R)(Land)	25	25	15-Aug-10	08-Sep-10	20				
A09600	Casting Cassion Seawall SP37-38 (Type 3A)(Land)	25	25	04-Sep-10	28-Sep-10	5				
A09700	Casting Cassion Seawall SP 38-39 (Type 3A)(Land)	25	25	09-Sep-10	03-Oct-10	5				
A09800	Casting Cassion Seawall SP 39-40 (Type 3B-L)(Land)	25	25	14-Sep-10	08-Oct-10	5				
<b>PRE-CAST SEAWALL BLOCK</b>		<b>157</b>	<b>116</b>	<b>20-May-10 A</b>	<b>24-Oct-10</b>	<b>23</b>				
<b>3rd Barge of Seawall Block SP6-7</b>		<b>27</b>	<b>4</b>	<b>28-May-10 A</b>	<b>24-Jul-10</b>	<b>0</b>				
A20310	Curing Seawall Block SP6-7	14	0	28-May-10 A	11-Jun-10 A	0				
A20320	Transport seawll block SP6-7 to site	4	4	21-Jul-10	24-Jul-10	0				
<b>4th Barge of Seawall Block SP8-9</b>		<b>72</b>	<b>31</b>	<b>20-May-10 A</b>	<b>31-Jul-10</b>	<b>5</b>				
A20400	Casting Seawall Block SP8-9 185nrs	40	0	20-May-10 A	29-Jun-10 A	0				
A20410	Curing Seawall Block SP8-9	14	12	29-Jun-10 A	12-Jul-10	20				
A20420	Transport seawall block SP8-9 to site	4	4	28-Jul-10	31-Jul-10	5				
<b>5th Barge of Seawall Block SP10-11a</b>		<b>78</b>	<b>78</b>	<b>30-Jun-10 A</b>	<b>16-Sep-10</b>	<b>5</b>				
A20500	Casting Seawall Block SP10-11a 103nrs	40	39	30-Jun-10 A	08-Aug-10	0				
A20510	Curing Seawall Block SP10-11a	14	14	09-Aug-10	22-Aug-10	26				
A20520	Transport seawall block SP10-11a to site	4	4	13-Sep-10	16-Sep-10	5				
<b>6th Barge of Seawall Block SP14-15</b>		<b>55</b>	<b>55</b>	<b>09-Aug-10</b>	<b>02-Oct-10</b>	<b>0</b>				
A20600	Casting Seawall Block SP14-15 192nrs	37	37	09-Aug-10	14-Sep-10	0				
A20610	Curing Seawall Block SP14-15	14	14	15-Sep-10	28-Sep-10	0				
A20620	Transport seawall block SP14-15 to site	4	4	29-Sep-10	02-Oct-10	0				
<b>7th Barge of Seawall Block SP40-41</b>		<b>40</b>	<b>40</b>	<b>15-Sep-10</b>	<b>24-Oct-10</b>	<b>23</b>				
A20700	Casting Seawall Block SP40-41 25nrs	40	40	15-Sep-10	24-Oct-10	23				
<b>SECTION 1 OF WORKS (290 DAYS)</b>		<b>99</b>	<b>94</b>	<b>26-May-10 A</b>	<b>02-Oct-10</b>	<b>0</b>				
<b>SEAWALLS AND RECLAMATION WORKS</b>		<b>81</b>	<b>76</b>	<b>26-May-10 A</b>	<b>14-Sep-10</b>	<b>2</b>				
<b>PORTION NPR1</b>		<b>81</b>	<b>76</b>	<b>26-May-10 A</b>	<b>14-Sep-10</b>	<b>2</b>				
<b>SEAWALL CONSTRUCTION</b>		<b>71</b>	<b>66</b>	<b>26-May-10 A</b>	<b>04-Sep-10</b>	<b>6</b>				

Actual Work
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Updated Works Programme upto 20Jul2010 from details programme rev1		3 Month Rolling Programme					2010			
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	Jun	Jul	Aug	Sep
<b>Package 1 SP3-6 &amp; 7-8 5nrs</b>		71	66	26-May-10 A	04-Sep-10	6	[Summary bar]			
12910	Levelling Stone & Toe Block SP 3-6	15	0	26-May-10 A	21-Jun-10 A	6	[Actual Work bar]			
12920	Levelling Stone & Toe Block SP 6-7	7	7	01-Jul-10	07-Jul-10	5	[Remaining Work bar]			
12930	Levelling Stone & Toe Block SP 7-8	7	7	08-Jul-10	14-Jul-10	7	[Remaining Work bar]			
12940	Float Out caisson seawalls (SP3-4b) 2nrs	1	1	05-Jul-10*	05-Jul-10	0	[Remaining Work bar]			
12942	Float Out caisson seawalls (SP4b-6) 2nrs	1	1	13-Jul-10	13-Jul-10	0	[Remaining Work bar]			
12944	Float Out caisson seawalls (SP7-8 & SP9-10) 2nrs	1	1	15-Jul-10	15-Jul-10	7	[Remaining Work bar]			
12950	Install caisson seawall (SP 3-4b) 2nrs	2	2	06-Jul-10	07-Jul-10	0	[Remaining Work bar]			
12952	Install caisson seawall (SP4b-6) 2nrs	2	2	14-Jul-10	15-Jul-10	8	[Remaining Work bar]			
12954	Install caisson seawall (SP7-8 & SP9-10) 2nrs	2	2	23-Jul-10	24-Jul-10	0	[Remaining Work bar]			
13800	Rockfill grade 200 inside caisson seawall	6	6	26-Jul-10	31-Jul-10	2	[Remaining Work bar]			
13810	Install Seawall Blocks SP6-7	7	7	25-Jul-10	31-Jul-10	0	[Remaining Work bar]			
13820	Geotextile type A & filter layer below -6.65mPD	6	6	26-Jul-10	31-Jul-10	2	[Remaining Work bar]			
14700	Construct in-situ caisson seawall (SP3 to 6 & 7 to 8) 5nos	30	30	19-Jul-10	21-Aug-10	7	[Remaining Work bar]			
15200	Rockfill type A, geotextile type A & filter layer above -6.65m	8	8	11-Aug-10	19-Aug-10	2	[Remaining Work bar]			
15250	Seawall foundation 0.5T amour and filter layer below -6.65	14	14	20-Aug-10	04-Sep-10	5	[Remaining Work bar]			
<b>RECLAMATION</b>		38	38	02-Aug-10	14-Sep-10	2	[Summary bar]			
15400	Reclamation upto -6.65mPD	8	8	02-Aug-10	10-Aug-10	2	[Remaining Work bar]			
15600	Reclamation upto finish level (40500m3)	22	22	20-Aug-10	14-Sep-10	2	[Remaining Work bar]			
<b>DRAINAGE WORKS</b>		12	12	15-Sep-10	29-Sep-10	2	[Summary bar]			
<b>PORTION NPR1</b>		12	12	15-Sep-10	29-Sep-10	2	[Summary bar]			
16000	Construct 375 U-channel	12	12	15-Sep-10	29-Sep-10	2	[Remaining Work bar]			
<b>COPINGS</b>		6	6	31-Aug-10	06-Sep-10	0	[Summary bar]			
<b>PORTION NPR1</b>		6	6	31-Aug-10	06-Sep-10	0	[Summary bar]			
15800	Mass Concrete Copings	6	6	31-Aug-10	06-Sep-10	0	[Remaining Work bar]			
<b>LANDING STEPS</b>		12	12	07-Sep-10	20-Sep-10	0	[Summary bar]			
<b>PORTION NPR1</b>		12	12	07-Sep-10	20-Sep-10	0	[Summary bar]			
40000	Landing Steps Construction	12	12	07-Sep-10	20-Sep-10	0	[Remaining Work bar]			
<b>FENDERS AND RUBBER STEPS</b>		9	9	21-Sep-10	02-Oct-10	0	[Summary bar]			
<b>PORTION NPR1</b>		9	9	21-Sep-10	02-Oct-10	0	[Summary bar]			
42000	Fenders and Rubber Step Installation	9	9	21-Sep-10	02-Oct-10	0	[Remaining Work bar]			
<b>SECTION 1A OF WORKS (230 DAYS)</b>		29	24	28-May-10 A	04-Aug-10	0	[Summary bar]			
<b>SEAWALLS AND RECLAMATION WORKS</b>		29	24	28-May-10 A	04-Aug-10	0	[Summary bar]			

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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2010			
							Jun	Jul	Aug	Sep
<b>PORTION NPR1A</b>										
<b>SEAWALL CONSTRUCTION</b>										
<b>Package 1</b>										
12860	Geotextile type A & filter layer below -6.65mPD	4	4	08-Jul-10	12-Jul-10	0				
15160	Rockfill type A, geotextile type A & filter layer above -6.65m	4	4	17-Jul-10	21-Jul-10	0				
15170	Seawall foundation 0.5T amour and filter layer below -6.65	8	8	27-Jul-10	04-Aug-10	0				
<b>RECLAMATION</b>										
15300	Reclamation upto -6.65mPD	4	4	13-Jul-10	16-Jul-10	0				
15500	Reclamation upto finish level (27000m3)	12	12	22-Jul-10	04-Aug-10	0				
<b>CONSTRUCT CAUSEWAY BAY EAST BREAKWATER</b>										
16100	Construct Causeway Bay East breakwater	2	0	28-May-10 A	03-Jun-10 A	0				
<b>DRAINAGE WORKS</b>										
<b>PORTION NPR1A</b>										
15900	Construct 375 U-channel	8	8	27-Jul-10	04-Aug-10	0				
<b>COPINGS</b>										
<b>PORTION NPR1A</b>										
15700	Mass concrete copings (2 bays)	18	18	08-Jul-10	28-Jul-10	0				
<b>SECTION 2 OF WORKS (470 DAYS)</b>										
<b>SEAWALLS AND RECLAMATION WORKS</b>										
<b>PORTION NPR2</b>										
<b>DREDGING</b>										
11400	Dredging in Portion NPR2 (86488m3)	25	2	15-Apr-10 A	03-Jul-10	10				
11420	Prepare and submit Dredging Report	1	1	05-Jul-10	05-Jul-10	10				
<b>SEAWALL CONSTRUCTION</b>										
12400	Seawall foundation rockfill grade 400 (41082m3)	11	10	01-Jun-10 A	13-Jul-10	5				
13100	Rockfill Survey checking	6	6	14-Jul-10	20-Jul-10	5				
<b>Package 2 SP9-10, 11a-14 &amp; 15-16 6nrs</b>										
17210	Levelling Stone & Toe Block SP 8-9	7	7	21-Jul-10	27-Jul-10	6				
17220	Install Seawall Blocks SP8-9	7	7	01-Aug-10	07-Aug-10	5				
17230	Levelling Stone & Toe Block SP 9-10	5	5	28-Jul-10	01-Aug-10	6				
17240	Levelling Stone & Toe Block SP10-11a	7	7	02-Aug-10	08-Aug-10	6				
17250	Levelling Stone & Toe Block SP 11a-14	8	8	09-Aug-10	16-Aug-10	6				
17260	Levelling Stone & Toe Block SP 14-15	7	7	17-Aug-10	23-Aug-10	6				

Actual Work    
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Updated Works Programme upto 20Jul2010 from details programme rev1		3 Month Rolling Programme					2010			
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	Jun	Jul	Aug	Sep
17270	Levelling Stone & Toe Block SP 15-17	11	11	24-Aug-10	03-Sep-10	6				
17280	Float Out caisson seawalls (SP9-16) 6nrs	2	2	03-Sep-10	04-Sep-10	5				
17290	Install caisson seawalls (SP9-16) 6nrs	12	12	05-Sep-10	16-Sep-10	5				
17300	Rockfill grade 200 inside caisson seawall SP9-16 6nrs	12	12	17-Sep-10	02-Oct-10	5				
17310	Install Seawall Blocks SP 10-11a	11	11	17-Sep-10	27-Sep-10	5				
17330	Geotextile type A & filter layer below -6.65mPD	6	6	17-Sep-10	24-Sep-10	11				
<b>Package 3 SP16-22 6nrs</b>		27	27	04-Sep-10	30-Sep-10	16				
17810	Levelling Stone & Toe Block SP 17-22	27	27	04-Sep-10	30-Sep-10	16				
<b>DRAINAGE WORKS</b>		72	72	05-Jul-10	14-Sep-10	2				
<b>PORTION NPR2</b>		72	72	05-Jul-10	14-Sep-10	2				
18290	Casting blockwork wall for open channel T	30	30	05-Jul-10*	03-Aug-10	21				
18310	Rockfill Type A for open channel T	5	5	11-Aug-10	16-Aug-10	2				
18320	Levelling Stone for open channel T	5	5	17-Aug-10	21-Aug-10	2				
18330	Blockwork wall for open channel T	5	5	23-Aug-10	27-Aug-10	2				
18340	Rockfill Type A behind open channel T	5	5	28-Aug-10	02-Sep-10	2				
18350	Geotextile Type A & Filter of open channel T	4	4	03-Sep-10	07-Sep-10	2				
18360	Public fill west side of open channel T	6	6	08-Sep-10	14-Sep-10	2				
<b>SECTION 3 OF WORKS (600 DAYS)</b>		78	78	05-Jul-10	05-Oct-10	93				
<b>SEAWALLS AND RECLAMATION WORKS</b>		78	78	05-Jul-10	05-Oct-10	93				
<b>PORTION NPR3</b>		78	78	05-Jul-10	05-Oct-10	93				
<b>DREDGING</b>		78	78	05-Jul-10	05-Oct-10	93				
11428	Dredging in Portion NPR3 (98844m3)	34	34	05-Jul-10	12-Aug-10	11				
11430	Protection & Precautionary measures for Existing Island Ea	50	50	31-Jul-10	28-Sep-10	98				
11500	Dredging in Portion NPR3 under Viaduct	34	34	13-Aug-10	21-Sep-10	11				
11510	Prepare and submit Dredging Report	10	10	22-Sep-10	05-Oct-10	11				
<b>SEAWALL CONSTRUCTION</b>		12	12	13-Aug-10	26-Aug-10	43				
12500	Reove existing seawall berm stone	12	12	13-Aug-10	26-Aug-10	43				

Actual Work    
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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																									
<b>Submissions before Works Commencement</b>																																																																										
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	◆																																																																							
<b>Cross Harbour Watermains from WCN to TST (DP6)</b>																																																																										
Trench dredging for marine watermains installation	29/4/10	28/10/10	■																																																																							
Backfilling for watermain	28/1/11	14/12/11													■																																																											
<b>Reclamation Works at HKCEC Water Channel (DP3)</b>																																																																										
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	<b>HK/2009/02-Marine &amp; Reclamation Works</b>	<b>2008 d</b>	<b>Thu 28/1/10</b>																								
2	Contract Commencement	0 d	Thu 28/1/10																								
3	<b>General</b>	<b>1879 d</b>	<b>Mon 22/2/10</b>																								
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	<b>Submarine Outfall</b>	<b>500 d</b>	<b>Tue 21/9/10</b>																								
14	Dredging, Laying and Backfilling of Submarine Outfall Pipe at Sea	500 d	Tue 21/9/10																								
15	<b>Phase 1 - WCR1</b>	<b>158 d</b>	<b>Wed 21/4/10</b>																								
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	<b>Phase 2 - WCR2</b>	<b>149 d</b>	<b>Thu 1/3/12</b>																								
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	<b>Phase 3 - TWCR4 &amp; WCR4</b>	<b>98 d</b>	<b>Sat 28/4/12</b>																								
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	<b>Phase 4 - WCR3</b>	<b>294 d</b>	<b>Tue 18/3/14</b>																								
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	<b>Phase 5 - Construct Permanent Seawall Blocks along curved coastline &amp; Remove TWCR4</b>	<b>105 d</b>	<b>Wed 15/4/15</b>																								
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	