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港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Quarterly EM&A Report No.1 (October 2012 to November 2012)

13 March 2013

Revision 2

Main Contractor

中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Designer

ATKINS

Contents

Executive Summary

The Hong Kong-Zhuhai-Macao Bridge (HZMB) Hong Kong Link Road (HKLR) serves to connect the HZMB Main Bridge at the Hong Kong Special Administrative Region (HKSAR) Boundary and the HZMB Hong Kong Boundary Crossing Facilities (HKBCF) located at the north eastern waters of the Hong Kong International Airport (HKIA).

The HKLR project has been separated into two contracts. They are Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between Scenic Hill and Hong Kong Boundary Crossing Facilities (hereafter referred to as the Contract) and Contract No. HY/2011/09 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between HKSAR Boundary and Scenic Hill.

China State Construction Engineering (Hong Kong) Ltd. was awarded by Highways Department as the Contractor to undertake the construction works of Contract No. HY/2011/03. The main works of the Contract include land tunnel at Scenic Hill, tunnel underneath Airport Road and Airport Express Line, reclamation and tunnel to the east coast of the Airport Island, at-grade road connecting to the HKBCF and highway works of the HKBCF within the Airport Island and in the vicinity of the HKLR reclamation. The Contract is part of the HKLR Project and HKBCF Project, these projects are considered to be "Designated Projects", under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap 499) and Environmental Impact Assessment (EIA) Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/A for HKLR and EP-353/2009/E for HKBCF were issued on 31 October 2011 and 16 October 2012, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012.

BMT Asia Pacific Limited has been appointed by the Contractor to implement the Environmental Monitoring & Audit (EM&A) programme for the Contract in accordance with the Updated EM&A Manual for HKLR (Version 1.0) and will be providing environmental team services to the Contract.

This is the first Quarterly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 October to 30 November 2012. In order to compare the data analysis for dolphin monitoring results to the baseline monitoring results and the AFCD's quarterly monitoring results, this first quarterly report will contain two months' monitoring data instead of three. The Quarterly EM&A reports thereafter will contain three months' monitoring data.

Environmental Monitoring and Audit Progress

The EM&A programme were undertaken in accordance with the Updated EM&A Manual for HKLR (Version1.0). A summary of the monitoring activities during this reporting period is presented as below:

Monitoring Activity		Monitoring Date	
		October 2012	November 2012
Air Quality	1-hr TSP	18, 24 and 30	2, 5, 9, 15, 21 and 27
	24-hr TSP	18, 24 and 30	2, 8, 14, 20, 21, 26 and 30
Noise		18 and 24	1, 5, 15, 21 and 27
Water Quality		17, 20, 22, 25, 27 and 30	1, 3, 5, 8, 10, 12, 14, 16, 19, 22, 24, 26 and 29
Chinese White Dolphin		17, 18, 25, 26 and 29	2, 3, 12 and 13
Site Inspection		17, 24 and 30	6, 13, 20 and 30

Breaches of Action and Limit Levels

A summary of environmental exceedances for this reporting period is as follows:

Environmental Monitoring	Parameters	Action Level (AL)	Limit Level (LL)
Air Quality	1-hr TSP	2	1
	24-hr TSP	0	0
Noise	$L_{eq\ (30\ min)}$	1	0
Water Quality	Suspended solids level (SS)	11	51
	Turbidity level	14	56
	Dissolved oxygen level (DO)	0	0

The Environmental Team investigated all exceedances and found that they were not project related.

All investigation reports for exceedances of the Contract have been submitted to ENPO/IEC for comments and/or follow up to identify whether the exceedances occurred related to other HZMB contracts.

Implementation of Mitigation Measures

Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. Potential environmental impacts due to the construction activities were monitored and reviewed.

Complaint Log

A summary of environmental complaints for this reporting period is as follows:

Environmental Complaint No. (1)	Date of Complaint Received	Description of Environmental Complaints
COM-2012-008	22 October 2012	Water Quality
COM-2012-009	5 November 2012	Noise and Light
COM-2012-009(2)	11 November 2012	Noise, Water Quality and Air Quality
COM-2012-009(3)	14 November 2012	Noise
COM-2012-010(1)	6 November 2012	Noise
COM-2012-010(2)	15 November 2012	Noise and Air Quality
COM-2012-010(3)	15 November 2012	Noise Water Quality and Air Quality
COM-2012-010(4)	19 November 2012	Air Quality and Noise
COM-2012-010(5)	24 November 2012	Air Quality and Noise
COM-2012-012(1)	13 November 2012	Noise

Remarks:
(1) If a complainant makes complaint for the same environmental issue, only one complaint number will be assigned for the complaint.

Notifications of Summons and Prosecutions

There were no notifications of summons or prosecutions received during this reporting period.

Reporting Changes

This report has been developed in compliance with the reporting requirements for the quarterly summary EM&A reports as required by the Updated EM&A Manual for HKLR (Version 1.0). There are no reporting changes.

1 Introduction

1.1 Basic Project Information

1.1.1 The Hong Kong-Zhuhai-Macao Bridge (HZMB) Hong Kong Link Road (HKLR) serves to connect the HZMB Main Bridge at the Hong Kong Special Administrative Region (HKSAR) Boundary and the HZMB Hong Kong Boundary Crossing Facilities (HKBCF) located at the north eastern waters of the Hong Kong International Airport (HKIA).

1.1.2 The HKLR project has been separated into two contracts. They are Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between Scenic Hill and Hong Kong Boundary Crossing Facilities (hereafter referred to as the Contract) and Contract No. HY/2011/09 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between HKSAR Boundary and Scenic Hill.

1.1.3 China State Construction Engineering (Hong Kong) Ltd. was awarded by Highways Department (HyD) as the Contractor to undertake the construction works of Contract No. HY/2011/03. The Contract is part of the HKLR Project and HKBCF Project, these projects are considered to be "Designated Projects", under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap 499) and Environmental Impact Assessment (EIA) Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/A for HKLR and EP-353/2009/E for HKBCF were issued on 31 October 2011 and 16 October 2012, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012. **Figure 1.1** shows the project site boundary.

1.1.4 BMT Asia Pacific Limited has been appointed by the Contractor to implement the EM&A programme for the Contract in accordance with the Updated EM&A Manual for HKLR (Version 1.0) for HKLR and will be providing environmental team services to the Contract. ENVIRON Hong Kong Ltd. was employed by HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO) for the Project. The project organization with regard to the environmental works is provided in **Appendix A**.

1.1.5 This is the first Quarterly Environmental Monitoring and Audit (EM&A) report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 October to 30 November 2012. In order to compare the data analysis for dolphin monitoring results to the baseline monitoring results and the AFCD's quarterly monitoring results, this first quarterly report will contain two months' monitoring data instead of three. The Quarterly EM&A reports thereafter will contain three months' monitoring data.

1.2 Project Organisation

1.2.1 The project organization structure and lines of communication with respect to the on-site environmental management structure with the key personnel contact names and numbers are shown in **Appendix A**.

1.3 Construction Programme

1.3.1 A copy of the Contractor's construction programme is provided in **Appendix B**.

1.4 Construction Works Undertaken During the Reporting Period

1.4.1 A summary of the construction activities undertaken during this reporting period is shown in **Table 1.1**. The Works areas of the Contract are showed in **Appendix C**.

Table 1.1 Construction Activities During Reporting Period

Site Area	Description of Activities
WA 6	Construction of site office
Portion Y	Ground Investigation Work Site clearing for road and drainage work
Portion B	Site formation work for tunnelling at West Portal
Portion X	Marine Site investigation Installation of silt curt Removal of armour rocks of existing seawall Formation of temporary stone platform

2 EM&A Requirement

2.1 Summary of EM&A Requirements

2.1.1 The EM&A programme requires environmental monitoring of air quality, noise, water quality, dolphin monitoring and mudflat monitoring as specified in the approved EM&A Manual.

2.1.2 A summary of Impact EM&A requirements is presented in **Table 2.1**. The locations of air quality, noise and water quality monitoring stations are shown as in **Figure 2.1**. The transect line layout in Northwest and Northeast Lantau Survey Areas is presented in **Figure 2.2**.

Table 2.1 Summary of Impact EM&A Requirements

Environmental Monitoring	Description	Monitoring Station	Frequencies	Remarks
Air Quality	1-hr TSP	AMS 5 & AMS 6	At least 3 times every 6 days	While the highest dust impact was expected.
	24-hr TSP		At least once every 6 days	--
Noise	$L_{eq\ (30mins)}$, $L_{10\ (30mins)}$ and $L_{90\ (30mins)}$	NMS5	At least once per week	Daytime on normal weekdays (0700-1900 hrs).
Water Quality	• Depth • Temperature • Salinity • Dissolved Oxygen (DO) • Suspended Solids (SS) • DO Saturation • Turbidity • pH	• Impact Stations: IS5, IS(Mf)6, IS7, IS8, IS(Mf)9 & IS10, • Control/Far Field Stations: CS2 & CS(Mf)5, • Sensitive Receiver Stations: SR3, SR4, SR5, SR10A & SR10B	Three times per week during mid-ebb and mid-flood tides (within ± 1.75 hour of the predicted time)	3 (1 m below water surface, mid-depth and 1 m above sea bed, except where the water depth is less than 6 m, in which case the mid-depth station may be omitted. Should the water depth be less than 3 m, only the mid-depth station will be monitored).
Dolphin	Line-transect Methods	Northeast Lantau survey area and Northwest Lantau survey area	Twice per month	--
Mudflat	Horseshoe crabs, seagrass beds, intertidal soft shore communities, sedimentation rates and water quality	San Tau and Tung Chung Bay	Once every 3 months	--

2.2 Action and Limit Levels

2.2.1 **Table 2.2** presents the Action and Limit Levels for the 1-hour TSP, 24-hour TSP and noise level.

Table 2.2 Action and Limit Levels for 1-hour TSP, 24-hour TSP and Noise

Environmental Monitoring	Parameters	Monitoring Station	Action Level	Limit Level
Air Quality	1-hr TSP	AMS 5	352 μg/m^3	500 μg/m^3
		AMS 6	360 μg/m^3	
	24-hr TSP	AMS 5	164 μg/m^3	260 μg/m^3
		AMS 6	173 μg/m^3	
Noise	$L_{eq\ (30\ min)}$	NMS 5	When one documented complaint is received	75 dB(A)

2.2.2 The Action and Limit Levels for water quality monitoring are given as in **Table 2.3**.

Table 2.3 Action and Limit Levels for Water Quality

Parameter (unit)	Water Depth	Action Level	Limit Level
Dissolved Oxygen (mg/L)	Surface and Middle	5.0	4.2 except 5 for Fish Culture Zone
	Bottom	4.7	3.6
Turbidity (NTU)	Depth average	27.5 or 120% of upstream control station's turbidity at the same tide of the same day	47.0 or 130% of turbidity at the upstream control station at the same tide of same day
Suspended Solid (SS) (mg/L)	Depth average	23.5 or 120% of upstream control station's SS at the same tide of the same day	34.4 or 130% of SS at the upstream control station at the same tide of same day and 10mg/L for Water Services Department Seawater Intakes

Notes:
(1) Depth-averaged is calculated by taking the arithmetic means of reading of all three depths.
(2) For DO, non-compliance of the water quality limit occurs when monitoring result is lower that the limit.
(3) For SS & turbidity non-compliance of the water quality limits occur when monitoring result is higher than the limits.

2.3 Event Action Plans

The Event Actions Plans for air quality, noise and water quality are annexed in **Appendix D**.

2.4 Mitigation Measures

2.4.1 Environmental mitigation measures for the contract were recommended in the approved EIA Report. **Appendix E** lists the recommended mitigation measures and the implementation status.

3 Environmental Monitoring and Audit

3.1 Implementation of Environmental Measures

3.1.1 In response to the site audit findings, the Contractors carried out corrective actions. Details of site audit findings and the corrective actions during the reporting period is presented in **Appendix F**.

3.1.2 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix E**.

3.1.3 Regular marine travel route for marine vessels were implemented properly in accordance to the submitted plan and relevant records were kept properly.

3.1.4 Dolphin Watching Plan was implemented during the reporting period. No dolphins were observed. The relevant records were kept properly.

3.1.5 A dolphin exclusion zone of 250m was implemented during the installation of silt curtains on 17, 18 and 19 October; 21 and 22 November 2012. No dolphins were observed. The relevant records were kept properly.

3.2 Air Quality Monitoring Results

3.2.1 The monitoring results for 1-hour TSP and 24-hour TSP are summarized in **Tables 3.1** and **3.2** respectively. Detailed impact air quality monitoring results and relevant graphical plots are presented in **Appendix G**.

Table 3.1 Summary of 1-hour TSP Monitoring Results During the Reporting Period

Reporting period	Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
October 2012	AMS5	271	82 – 562	352	500
	AMS6	145	101 – 178	360	
November 2012	AMS5	133	62 – 296	352	
	AMS6	114	21 – 242	360	

Table 3.2 Summary of 24-hour TSP Monitoring Results During the Reporting Period

Reporting period	Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
October 2012	AMS5	73	46 – 94	164	260
	AMS6	N/A*	N/A*	173	
November 2012	AMS5	77	51 – 100	164	
	AMS6	70	21 – 119	173	

Remarks:

* The permission of HVS installation was granted at the end of October 2012. The impact monitoring at AMS6 commenced on 1 November 2012.

3.3 Noise Monitoring Results

3.3.1 The monitoring results for construction noise are summarized in **Table 3.3** and the monitoring results and relevant graphical plots for this reporting period are provided in **Appendix H.**

Table 3.3 Summary of Construction Noise Monitoring Results During the Reporting Period

Reporting period	Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Action Level	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
October 2012	NMS5	56	52 – 59	When one documented complaint is received	75
November 2012		60	54 – 71		

*+3dB(A) Façade correction included

3.3.2 Major noise sources during the noise monitoring included construction activities of the Contract and nearby traffic noise.

3.4 Water Quality Monitoring Results

3.4.1 Impact water quality monitoring was conducted at all designated monitoring stations during the reporting period. Impact water quality monitoring results and relevant graphical plots are provided in **Appendix I**.

3.4.2 Water quality impact sources during the water quality monitoring were the construction activities of the Contract, nearby construction activities by other parties and nearby operating vessels by other parties.

3.5 Dolphin Monitoring Results

Summary of survey effort and dolphin sightings

3.5.1 During the reporting period, four sets of systematic line-transect vessel surveys were conducted to cover all transect lines in Northwest Lantau (NWL) and Northeast (NEL) survey areas twice per month.

3.5.2 From these surveys, a total of 602.9 km of survey effort was collected, with 91.7% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility). Among the two areas, 230.1 km and 372.8 km of survey effort were conducted in NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 441.6 km, while the effort on secondary lines was 161.2 km. Survey effort conducted on primary and secondary lines were both considered as on-effort survey data.

3.5.3 During the four sets of monitoring surveys in October and November 2012, a total of 44 groups of 119 Chinese White Dolphins were sighted. All except five sightings were made during on-effort search. Thirty-four on-effort sightings were made on primary lines, while another five on-effort sightings were made on secondary lines. Among the two survey areas, 11 groups of 32 dolphins were sighted in NEL, while the other 33 groups of 87 dolphins were sighted in NWL.

Distribution

3.5.4 Distribution of dolphin sightings made during monitoring surveys in October and November 2012 was shown in **Figure 1 of Appendix J**. Chinese white dolphins were mainly sighted to the north of Lung Kwu Chau, between Sha Chau and Pillar Point in NWL, and near Siu Mo To and Yam O in NEL during the two-month study period.

3.5.5 Notably, no dolphin was sighted in the vicinity of the HKLR03 reclamation site or HKBCF reclamation site during the two-month study period (**Figure 1 of Appendix J**). A few dolphin sightings were made along the alignment of the future HKLR09 work site.

3.5.6 When compared with the sighting distribution of dolphins during baseline monitoring surveys in September to November 2011, it appears that fewer dolphins were sighted near Shum Shui Kok, at the northeast corner of the airport platform (i.e. near the HKBCF reclamation site) and near Pillar Point in October and November 2012 (**Figure 1 of Appendix J**). In addition, more dolphins were sighted near Yam O during this two-month period than in the baseline monitoring period, and it appears that dolphin distribution has shifted eastward in NEL during the impact phase monitoring surveys (**Figure 1 of Appendix J**).

Encounter rate

3.5.7 For the two-month study period in October and November 2012, the average encounter rates of Chinese white dolphins deduced from the survey effort and on-effort sighting data from the primary transect lines under favourable conditions (Beaufort 3 or below) are shown in **Table 3.4**. These encounter rates were also compared with the ones deduced from the baseline monitoring period in September to November 2011.

Table 3.4 Comparison of Average Dolphin Encounter Rates between Reporting Period (Oct–Nov 2012) and Baseline Monitoring Period (Sep– Nov 2011)

Survey Area	Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)		Encounter rate (ANI) (no. of dolphins from all on-effort sightings per 100 km of survey effort)	
	Reporting Period	Baseline Monitoring Period	Reporting Period	Baseline Monitoring Period
Northeast Lantau	5.40 ± 5.80	6.00 ± 5.05	16.90 ± 18.17	22.19 ± 26.81
Northwest Lantau	9.88 ± 4.20	9.85 ± 5.85	26.50 ± 10.34	44.66 ± 29.85

3.5.8 The average dolphin encounter rates (both STG and ANI) in the present two-month study period were 10% and 24% lower than the ones recorded in the 3-month baseline period in NEL. On the other hand, the average dolphin encounter rate (STG) in NWL was similar between the two study periods, while the average dolphin encounter rate (ANI) was 41% lower in October-November 2012 than the one recorded in the 3-month baseline period.

Group size

3.5.9 Group size of Chinese White Dolphins ranged from 1-11 individuals per group in NEL and 1-7 individuals per group in NWL for the two-month study period in October and November 2012. The average dolphin group size from these two months were compared with the one deduced from the baseline period in September to November 2011, as shown in **Table 3.5**.

Table 3.5 Comparison of Average Dolphin Group Sizes between Reporting Period (Oct–Nov 2012) and Baseline Monitoring Period (Sep– Nov 2011)

	Average Dolphin Group Size

	Reporting Period	Baseline Monitoring Period
Overall	2.70 ± 2.10 (n = 44)	3.72 ± 3.13 (n = 66)
Northeast Lantau	2.91 ± 3.27 (n = 11)	3.18 ± 2.16 (n = 17)
Northwest Lantau	2.64 ± 1.60 (n = 33)	3.92 ± 3.40 (n = 49)

3.5.10 Notably, the average dolphin group sizes in NWL and the entire North Lantau region was lower during October-November 2012 than the ones recorded in the 3-month baseline period (**Table 3.5**). On the contrary, the ones in NEL were similar between the two study periods (**Table 3.5**).

3.5.11 Distribution of dolphins with larger group sizes during October-November 2012 is shown in **Figure 2 of Appendix I**. These groups were scattered throughout the NWL and NEL survey areas, with no apparent concentration. One large dolphin group of 11 individuals was sighted between the Brothers Islands in NEL (**Figure 2 of Appendix J**). It appears that there were a lot more dolphin sightings with larger group sizes found around Lung Kwu Chau and Sha Chau during the 3-month baseline period in September-November 2011 than the two-month period in October-November 2012.

Habitat use

3.5.12 From October to November 2012, the most heavily utilized habitats by Chinese White Dolphins included the areas around Lung Kwu Chau and Sha Chau, near Siu Mo To and Yam O (**Figures 3a and 3b of Appendix J**).

3.5.13 It should be noted that the amount of survey effort collected in each grid during the two-month period was fairly low (4-8 unit of survey effort for most grids), and therefore the habitat use pattern derived from the two-month dataset should be treated with caution. A more complete picture of dolphin habitat use pattern will be presented when more survey effort for each grid will be collected throughout the impact phase monitoring programme.

3.5.14 Notably, none of the grids along the alignment of HKLR or HKBCF recorded any dolphin densities (**Figures 3a and 3b of Appendix J**), while during the baseline period several grids along the alignments of HKLR (Grids F21 and G20) and adjacent to the reclamation site of HKBCF (Grid P17) recorded moderate to high dolphin densities.

Mother-calf pairs

3.5.15 During the two-month study period, a total of 3 unspotted calves (UC) and 4 unspotted juveniles (UJ) were sighted in NEL and NWL survey areas. These young calves comprised 5.9% of all animals sighted, which was similar to the percentage recorded during the baseline monitoring period (6.8%).

3.5.16 These young calves only occurred near Siu Mo To and near Sha Chau in October-November 2012 (**Figure 4 of Appendix J**). On the contrary, the young calves regularly occurred along the Urmston Road between Black Point and Lung Kwu Chau, as well as the waters between Sha Chau and the airport during the baseline period (**Figure 4 of Appendix J**). Notably no young calves were found in the vicinity of the HKLR03 or HKBCF construction site in October to November 2012.

Activities and associations with fishing boats

3.5.17 A total of five dolphin sightings were associated with feeding and socializing activities during the two-month study period, comprising of 9.1% and 2.3% of the total number of dolphin sightings. Both percentages were slightly lower than the percentages recorded during the baseline period (feeding activity: 11.6%; socializing activity: 5.4%). Only a lone dolphin was engaged in traveling activity near Yam O in NEL (**Figure 5 of Appendix J**).

3.5.18 Distribution of dolphins engaged in different activities during the two-month study period scattered throughout the two survey areas, and none of these activities occurred near the construction sites of HKLR and HKBCF (**Figure 5 of Appendix J**). Notably, most feeding and socializing activities concentrated within the Sha Chau and Lung Kwu Chau Marine Park during the baseline period, but that was not the case during the two-month study period in October-November 2012 (**Figure 5 of Appendix J**).

3.5.19 Only two dolphin groups were found to be associated with operating fishing boats, comprising of 4.5% of all dolphin groups, which was similar to the percentage recorded in baseline period (5.4%).

Photo-identification and individual range use

3.5.20 From October to November 2012, over 2,000 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.5.21 In total, 41 individuals sighted 71 times altogether were identified. The number of re-sightings made in NEL and NWL were 33.8% and 66.2% of the total respectively. Notably, a very high percentage of dolphins sighted in NEL (24 out of 32 dolphins) were identified as known individuals, and the rest were small calves that were not distinctive enough to be identified.

3.5.22 Most identified individuals were sighted only once or twice during the two-month period, with the exception of eight individuals being sighted thrice (i.e. CH34, NL18, NL202, NL220, NL244, NL246, NL295 and NL296).

3.5.23 Ranging patterns of the 14 individuals identified during the two-month study period were determined by fixed kernel method, and are shown in **Annex I of Appendix J**. Notably, many of these individuals being sighted twice or thrice ranged extensively across NEL and NWL.

3.5.24 A number of individuals were sighted in both NEL and NWL survey areas (e.g. NL33, NL98, NL246 and NL295), indicating that the on-going HZMB construction works have not affected their movement between the two areas. In fact, a number of year-round residents (e.g. NL18, NL24, NL123 and NL179) were still sighted consistently in Northeast Lantau, suggesting that the usage of this area have yet to be seriously affected by the reclamation works of HKLR03 or HKBCF.

3.5.25 It should be noted that only a very few individuals have their ranges overlapped with the HKLR03 construction works (**Annex I of Appendix J**), and their movement will likely not be affected by the reclamation works of the present project. Nevertheless, the range use of individual dolphins will be continuously monitored throughout the construction period to examine whether any shift in ranging pattern has occurred as a result of the HZMB construction activities.

3.6 Mudflat Monitoring Results

3.6.1 No mudflat monitoring was carried out during this reporting period.

3.7 Solid and Liquid Waste Management Status

3.7.1 The Contractor registered with EPD as a Chemical Waste Producer on 12 July 2012 for the Contract. Sufficient numbers of receptacles were available for general refuse collection and sorting.

3.7.2 The summary of waste flow table is detailed in **Appendix K**.

3.7.3 The Contractor was reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practise on the Packaging, Labelling and Storage of Chemical Wastes.

3.8 Environmental Licenses and Permits

3.8.1 The valid environmental licenses and permits during the reporting period are summarized in **Appendix L.**

4 Environmental Complaint and Non-compliance

4.1 Environmental Exceedances

4.1.1 The detailed air quality, noise and water quality exceedances are provided in **Appendix M**. Also, the summaries of the environmental exceedances are presented as followed:

Air Quality

4.1.2 During the reporting period there were two non-project related Action Level exceedances of 1-hr TSP and one non-project related Limit Level exceedances of 1-hr TSP recorded at Station AMS5 on 30 October 2012.

Noise

4.1.3 There was an Action Level exceedance of noise during this reporting period. A noise complaint regarding the noise generated from power generator, engines from barges used for marine operation, cranes from the barges, engine from boats used for transportation of site staff and strong noise of metallic parts being thrown on the ground was received on 24 November 2012. According to the information provided by the Contractor, the construction works conducted on 24 November 2012 included removal of armour rock at zone 3C and rock filling at Zone 3B. A noise barrier has been provided for the generator since 21 November 2012. Noise shield has been installed for the engine and breaking system of a derrick barge to minimize the noise nuisance since 25 November 2012. According to the information provided by the Contractor, construction activities undertaken on site on 24 November included breaking work for extending drainage using electric breaker (completed on 26 Nov), cleaning near site entrances and filling of cable manhole with sandbags. No metallic works were carried out during the date of complaint (24 November 2012). The Contractor has implemented mitigation measures to minimise the potential noise impacts. In addition, the Contractor has been reminded to enhance the maintenance of barges to avoid the generation of abnormal noise.

4.1.4 Additionally, there are no Limit Level exceedances at NMS5 during the reporting period.

Water Quality

4.1.5 During the reporting period, there are eleven Action Level exceedances and fifty-one Limit Level exceedances of suspended solids level. Fourteen Action Level exceedances and fifty-six Limit Level exceedances of turbidity level were recorded. No major marine works were undertaken near the monitoring stations. Geotextile installation, rock filling, silt curtain maintenance work and vessel maintenance work were being carried out within silt curtains near the restricted area during the sampling period. These activities were unlikely to cause adverse water quality impact. Therefore, all exceedances were considered not project related. The detailed numbers of exceedances recorded during the reporting period at each impact station are summarised in **Table 4.1.**

Table 4.1 Summary of Water Quality Exceedances

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total Number of Exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS5	Action Level	--	--	--	--	--	01/11/2012	17/10/2012	17/10/2012 27/10/2012 30/10/2012	1	4
	Limit Level	--	--	--	--	24/11/2012 29/11/2012	20/10/2012 25/10/2012 27/10/2012 05/11/2012 08/11/2012 26/11/2012	--	20/10/2012 05/11/2012 08/11/2012 16/11/2012 22/11/2012 29/11/2012	2	12
IS(Mf)6	Action Level	--	--	--	--	--	27/10/2012 01/11/2012 29/11/2012	--	27/10/2012	0	4
	Limit Level	--	--	--	--	24/11/2012 29/11/2012	20/10/2012 05/11/2012 08/11/2012 16/11/2012 26/11/2012	--	20/10/2012 22/10/2012 03/11/2012 08/11/2012 16/11/2012 26/11/2012 29/11/2012	2	12
IS7	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	29/11/2012	20/10/2012 27/10/2012 30/10/2012 01/11/2012 08/11/2012 16/11/2012 19/11/2012 26/11/2012	--	20/10/2012 27/10/2012 30/10/2012 16/11/2012 19/11/2012 26/11/2012	1	14
IS8	Action Level	--	--	--	--	29/11/2012	17/10/2012 27/10/2012 30/10/2012 08/11/2012	--	--	1	4
	Limit Level	--	--	--	--	--	01/11/2012 16/11/2012 29/11/2012	--	17/10/2012 20/10/2012 30/10/2012 08/11/2012 01/11/2012 16/11/2012 29/11/2012	0	10
IS(Mf)9	Action Level	--	--	--	--	--	--	--	01/11/2012	0	1
	Limit Level	--	--	--	--	29/11/2012	20/10/2012 27/10/2012 30/10/2012 01/11/2012 16/11/2012 26/11/2012 29/11/2012	--	20/10/2012 30/10/2012 16/11/2012 26/11/2012 29/11/2012	1	12
IS10*	Action Level	--	--	--	--	--	--	--	--	0	0

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total Number of Exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
	Limit Level	--	--	--	--	24/11/2012 29/11/2012	29/11/2012	--	29/11/2012	2	2
SR3	Action Level	--	--	--	--	--	22/10/2012	--	27/10/2012 30/10/2012	0	3
	Limit Level	--	--	--	--	29/11/2012	20/10/2012 25/10/2012 27/10/2012 30/10/2012 05/11/2012 08/11/2012 26/11/2012	--	20/10/2012 22/10/2012 08/11/2012 10/11/2012 16/11/2012 26/11/2012	1	13
SR4	Action Level	--	--	--	--	29/11/2012	--	--	14/11/2012 29/11/2012	1	2
	Limit Level	--	--	--	--	--	20/10/2012 27/10/2012 30/10/2012 01/11/2012 08/11/2012 16/11/2012 19/11/2012 26/11/2012	--	20/10/2012 27/10/2012 30/10/2012 01/11/2012 08/11/2012 16/11/2012 19/11/2012 26/11/2012	0	16
SR5*	Action Level	--	--	--	--	--	29/11/2012	--	--	0	1
	Limit Level	--	--	--	--	--	--	--	29/11/2012	0	1
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	16/11/2012	--	20/10/2012 16/11/2012	0	3
SR10B	Action Level	--	--	--	--	--	01/11/2012 16/11/2012	--	17/10/2012	0	3
	Limit Level	--	--	--	--	--	20/10/2012	--	20/10/2012 16/11/2012	0	3
Total	**Action**	0	0	0	0	2	12	1	10	25	
	Limit	0	0	0	0	9	47	0	51	107	

Notes:
S: Surface;
M: Mid-depth;
* Monitoring Stations SR5 and IS10 are located within the Airport Approach Restricted Area. Therefore, a permit is required for entering into the area. The Contractor applied the permit in October 2012 and expected to receive the permit soon. Monitoring work will commence once the permit is granted.
** The total exceedances.

4.2 Summary of Environmental Complaint, Notification of Summons and Successful Prosecution

4.2.1 There were four environmental complaints received during this reporting period. All investigation reports for exceedances of the Contract have been submitted to ENPO/IEC for comments and/or follow up to identify whether the exceedances occurred related to other HZMB contracts. The summary of environmental complaints is presented in **Table 4.2**. The details of environmental complaints are presented in **Appendix N**.

Table 4.2 Summary of Environmental Complaints for the Reporting Period

Environmental Complaint No. (1)	Date of Complaint Received	Description of Environmental Complaints
COM-2012-008	22 October 2012	Water Quality
COM-2012-009	5 November 2012	Noise and Light
COM-2012-009(2)	11 November 2012	Noise, Water Quality and Air Quality
COM-2012-009(3)	14 November 2012	Noise
COM-2012-010(1)	6 November 2012	Noise
COM-2012-010(2)	15 November 2012	Noise and Air Quality
COM-2012-010(3)	15 November 2012	Noise Water Quality and Air Quality
COM-2012-010(4)	19 November 2012	Air Quality and Noise
COM-2012-010(5)	24 November 2012	Air Quality and Noise
COM-2012-012(1)	13 November 2012	Noise

Remarks:
(1) If a complainant makes complaint for the same environmental issue, only one complaint number will be assigned for the complaint.

4.2.2 No notification of summons and prosecution was received during the reporting period.

4.2.3 Statistics on complaints, notifications of summons and successful prosecutions are summarized in **Appendix M**.

5 COMMENTS, RECOMMENDATIONS AND CONCLUSION

5.1 Comments

5.1.1 According to the environmental site inspections undertaken during the reporting period, the following recommendations were provided:

- The Contractor is recommended to water the unpaved areas/designated roads/dry bare soils to suppress dust emissions.
- The Contractor should clean up the mud tracks at the Emergency Vehicles Access and to implement the wheel washing facility as soon as practical.
- The Contractor is reminded to spray water to the rock fill materials to suppress dust emissions.
- The Contractor is suggested to provide label (e.g. Noise Emission Label) and drip tray for air compressors.
- The Contractor should clear the rubbish and keep the tidiness of the Site.
- The Contractor should clean up the mud trucks at Kwo Lo Wan Road and install the wheel washing facility.
- The Contractor is recommended to water the bare soil roads to suppress dust emissions.
- The Contractor is reminded to fully cover the stockpile of cement with a tarpaulin sheet.
- The Contractor is recommended to remove the silt on the road.
- The Contractor was reminded that any debris and broken sand bags should be removed from the deck to avoid falling off of debris into the sea when the barge moves outside the silt curtain surrounding area.
- The Contractor was reminded to cover or water the excavated materials at Airport Road in the dry season.
- The Contractor should remove the silt to minimize dust impacts.
- The Contractor was reminded to cover the stock of cement bags properly.
- The Contractor was reminded to provide a larger drip tray for storage of oil barrels as possible.
- The Contractor was suggested to apply larvicide sand to prevent mosquito breeding.
- The Contractor was reminded to clear the stagnant pools.
- The Contractor was reminded to provide a drip tray for the compressor and oil drums.
- The Contractor should provide covers for excavated materials to prevent fugitive dust impact.
- The Contractor should provide proper noise reduction materials and tarpaulin sheets for the mounted excavated breaker.
- The Contractor was reminded to provide lids for the Barrels.
- The Contractor was reminded to provide a drip tray for the lubricative container.
- The Contractor was reminded to clear soil and water inside the drip tray.
- The Contractor was reminded to clear excavated materials and leaves inside the U-drainage.
- The Contractor was reminded to provide fencing for the retained trees.

- The Contractor was reminded to provide Environmental Permits/ Licences at all site entrance for readily inspection.

5.2 Recommendations

5.2.1 The impact monitoring programme for air quality, noise, water quality and dolphin ensured that any deterioration in environmental condition was readily detected and timely actions taken to rectify any non-compliance. Assessment and analysis of monitoring results collected demonstrated the environmental impacts of the contract. With implementation of the recommended environmental mitigation measures, the contract's environmental impacts were considered environmentally acceptable. The weekly environmental site inspections ensured that all the environmental mitigation measures recommended were effectively implemented.

5.2.2 The recommended environmental mitigation measures, as included in the EM&A programme, effectively minimize the potential environmental impacts from the contract. Also, the EM&A programme effectively monitored the environmental impacts from the construction activities and ensure the proper implementation of mitigation measures. No particular recommendation was advised for the improvement of the programme.

5.3 Conclusions

5.3.1 The construction phase and EM&A programme of the Contract commenced on 17 October 2012.

5.3.2 For air quality, there are two non-project related Action Level exceedances of 1-hr TSP and one non-project related Limit Level exceedances of 1-hr TSP recorded at Station AMS5 during this reporting period.

5.3.3 For construction noise, there is one Action Limit exceedance. No Limit Level exceedances were recorded at the monitoring station during the reporting period.

5.3.4 During this reporting period, there are eleven non-project related Action Level exceedances and fifty-one non-project related Limit Level exceedances of suspended solids level. Fourteen non-project related Action Level exceedances and fifty-six non-project related Limit Level exceedances of turbidity level were recorded.

5.3.5 In total, 41 individuals sighted 71 times altogether were identified. The number of re-sightings made in NEL and NWL were 33.8% and 66.2% of the total respectively. Notably, a very high percentage of dolphins sighted in NEL (24 out of 32 dolphins) were identified as known individuals, and the rest were small calves that were not distinctive enough to be identified.

5.3.6 Most identified individuals were sighted only once or twice during the two-month period, with the exception of eight individuals being sighted thrice (i.e. CH34, NL18, NL202, NL220, NL244, NL246, NL295 and NL296).

5.3.7 Only a very few individuals have their ranges overlapped with the HKLR03 construction works, and their movement will likely not be affected by the reclamation works of the present project.

5.3.8 Environmental site inspection was carried out on 17, 24 and 30 October, 6, 13, 20 and 30 November 2012. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

5.3.9 There were four environmental complaints received during this reporting period.

5.3.10 No notification of summons and prosecution was received during the reporting period.

FIGURES

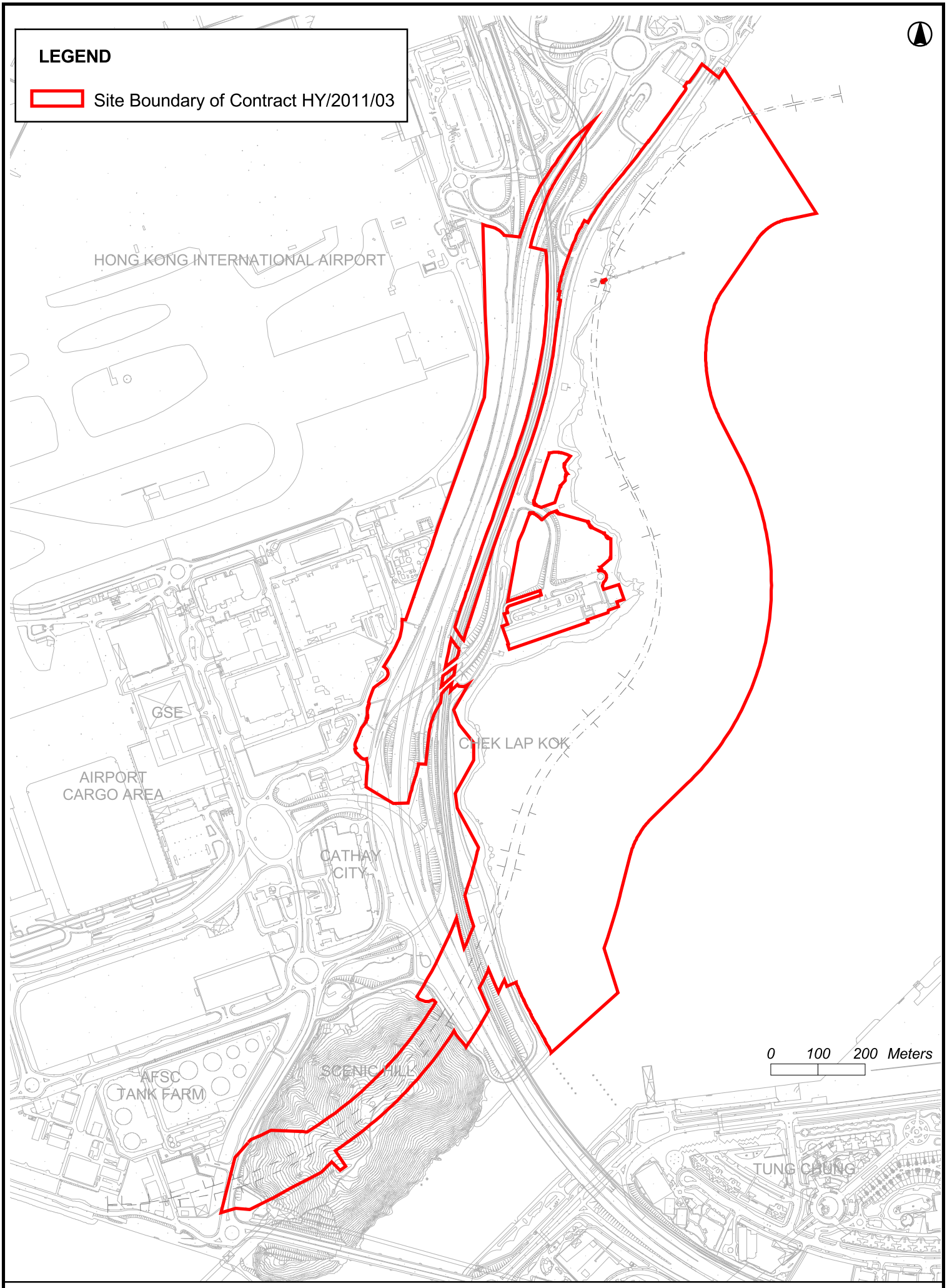
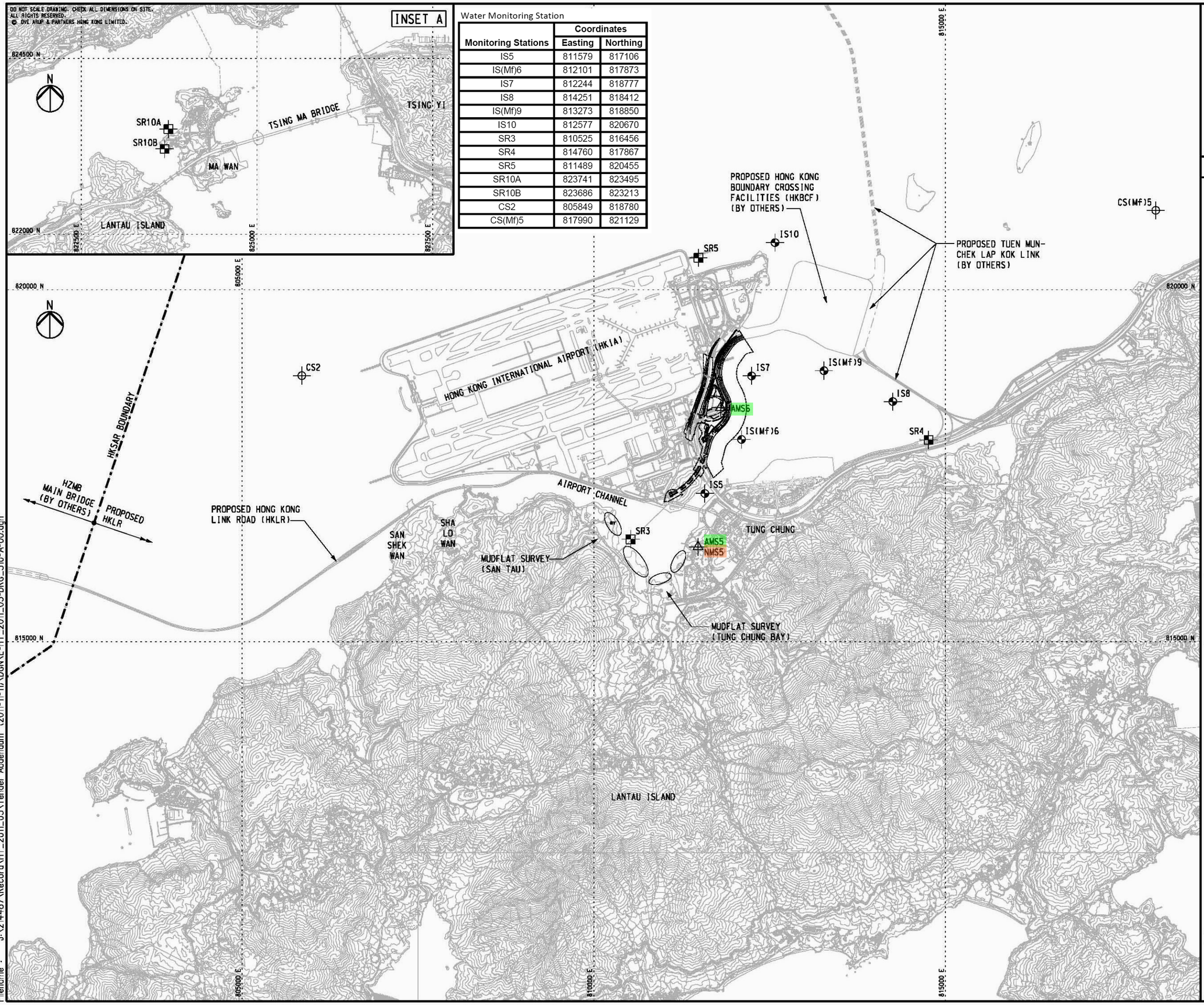


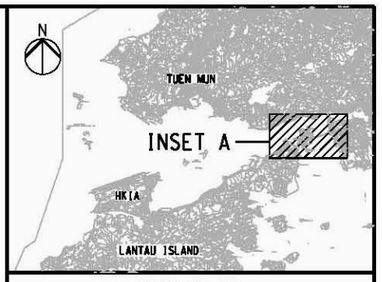
Figure 1.1 Location of the Site

INSET A

Water Monitoring Station

Monitoring Stations	Coordinates	
	Easting	Northing
IS5	811579	817106
IS(Mf)6	812101	817873
IS7	812244	818777
IS8	814251	818412
IS(Mf)9	813273	818850
IS10	812577	820670
SR3	810525	816456
SR4	814760	817867
SR5	811489	820455
SR10A	823741	823495
SR10B	823686	823213
CS2	805849	818780
CS(Mf)5	817990	821129





KEY PLAN

NOTES

1. EXACT LOCATIONS OF MONITORING STATIONS ARE TO BE DETERMINED ON SITE. THE CONTRACTOR AND ENVIRONMENTAL TEAM (ET) SHALL AGREE WITH THE INDEPENDENT ENVIRONMENTAL CHECKER (IEC) AND ENVIRONMENTAL PROJECT OFFICE (ENPO) AND APPROVED BY THE SUPERVISING OFFICER FOR THE PROPOSED LOCATION OF THE MONITORING STATIONS.
2. THE LOCATION AND EXTENT OF MUDFLAT SURVEY SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE CONTRACTOR AND ET SHALL DETERMINE AND AGREE WITH THE IEC, ENPO AND SUPERVISING OFFICER THE DETAILS OF THE MUDFLAT SURVEY IN ACCORDANCE WITH THE REQUIREMENTS STIPULATED IN THE EIA REPORTS AND EM&A MANUALS.
3. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS STIPULATED IN THE EM&A MANUALS TO CONDUCT THE ENVIRONMENTAL MONITORING AND AUDIT WORKS.

LEGEND

- WORKS BOUNDARY OF CONTRACT HY/2011/03
- IS — IMPACT STATIONS (WATER QUALITY)
- CS — CONTROL/FAR FIELD STATIONS (WATER QUALITY)
- SR — SENSITIVE RECEIVERS STATIONS (WATER QUALITY)
- ST — STATION FOR SENSITIVITY TEST RESULT (WATER QUALITY)
- AMS — MONITORING STATIONS (AIR QUALITY)
- NMS — MONITORING STATIONS (NOISE)
- MUDFLAT ECOLOGICAL SAMPLING LOCATION

Rev	Description	By	Date
A	TENDER ADDENDUM ISSUE	AW	11/11

Consultant
ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:
Contract No. HY/2011/03
Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title
ENVIRONMENTAL MONITORING STATIONS

Drawing			Rev.
Figure 2.1			A
Drawn: RY	Date: 11/11	Checked: AW	Approved: SK
Scale: As shown		Status:	

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處 Hong Kong - Zhuhai - Macao Bridge Hong Kong Project Management Office

Printed by : 10/11/2011
Filename : J:\214487\Record\HY_2011_03\Tender Addendum (2011-11-11)\DGN\E-HY_2011_03-DRG_310-A-00.dgn

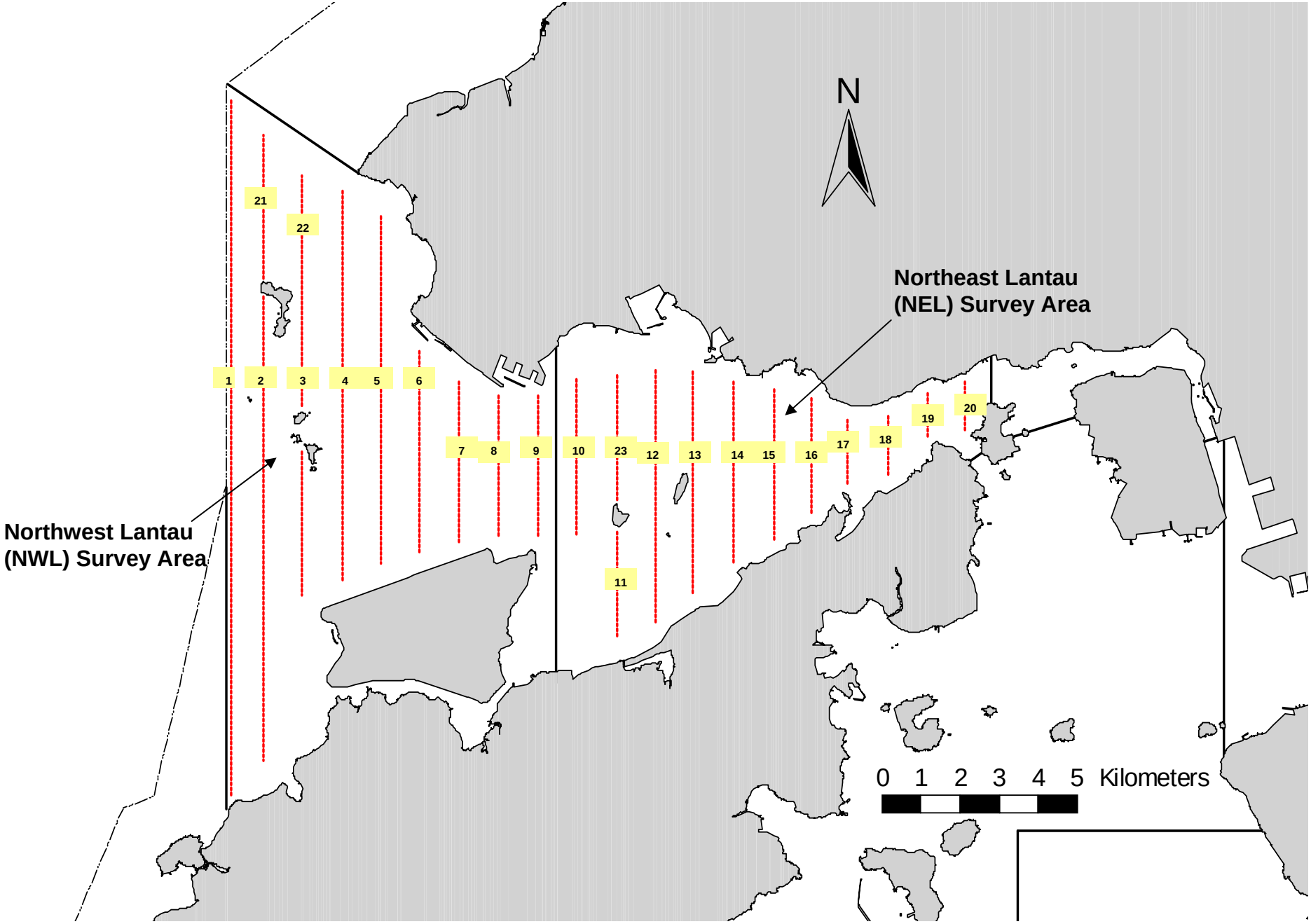


Figure 2.2 Transect Line Layout in Northwest and Northeast Lantau Survey Areas

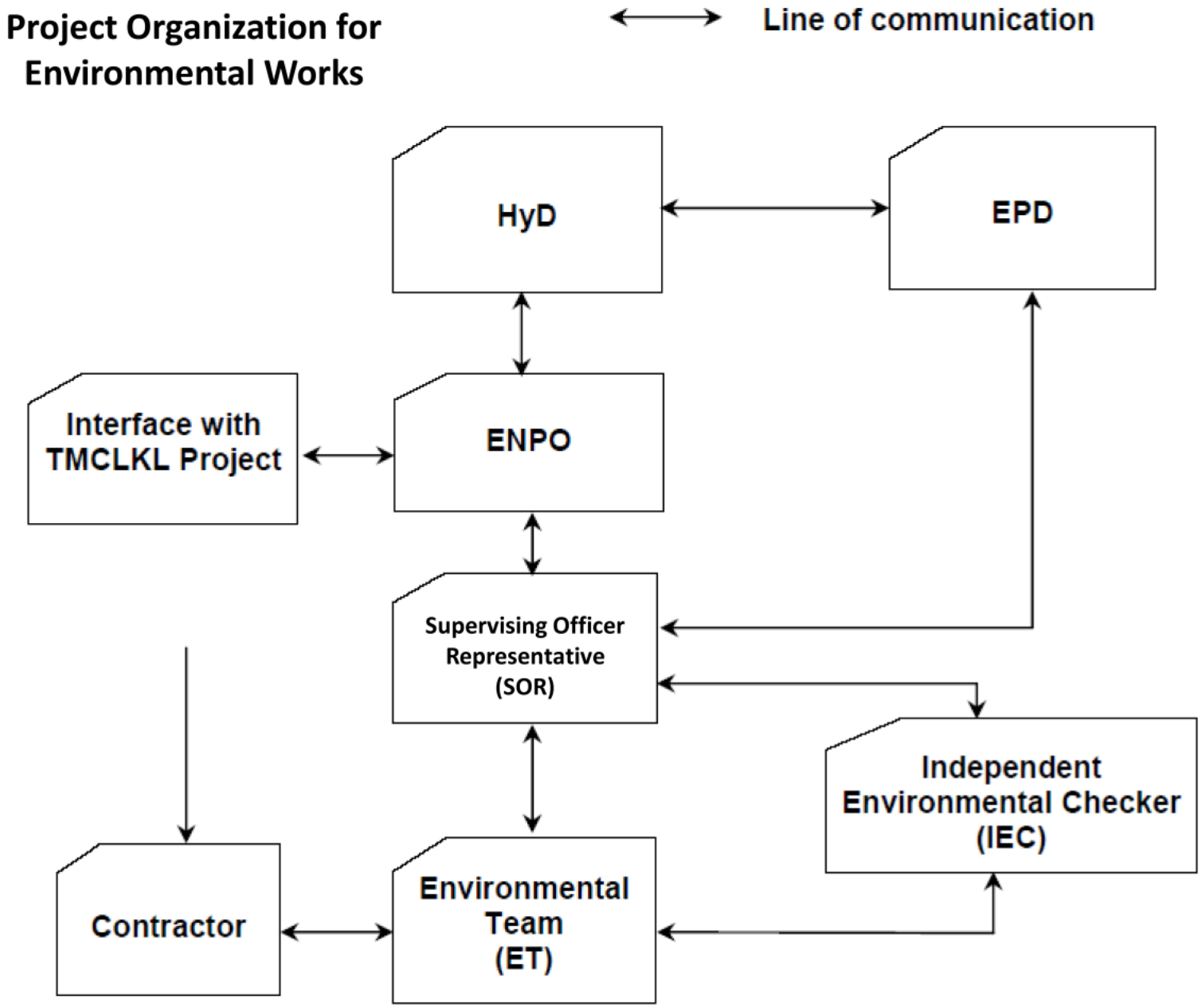
APPENDIX A

Environmental Management Structure

Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
Supervising Officer's Representative (Ove Arup & Partners Hong Kong Limited)	(Chief Resident Engineer, CRE)	Robert Antony Evans	3968 0801	2109 1882
Environmental Project Office / Independent Environmental Checker (Environ Hong Kong Limited)	Environmental Project Office Leader	Y. H Hui	3743 0788	3548 6988
	Independent Environmental Checker	Antony Wong	3743 0788	3548 6988
Contractor (China State Construction Engineering (Hong Kong) Ltd)	Project Manager	S. Y. Tse	3968 7002	2109 2588
	Environmental Officer	Federick Wong	3968 7117	2109 2588
Environmental Team (BMT Asia Pacific)	Environmental Team Leader	Claudine Lee	2241 9847	2815 3377

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M06

Sheet 1 of 3

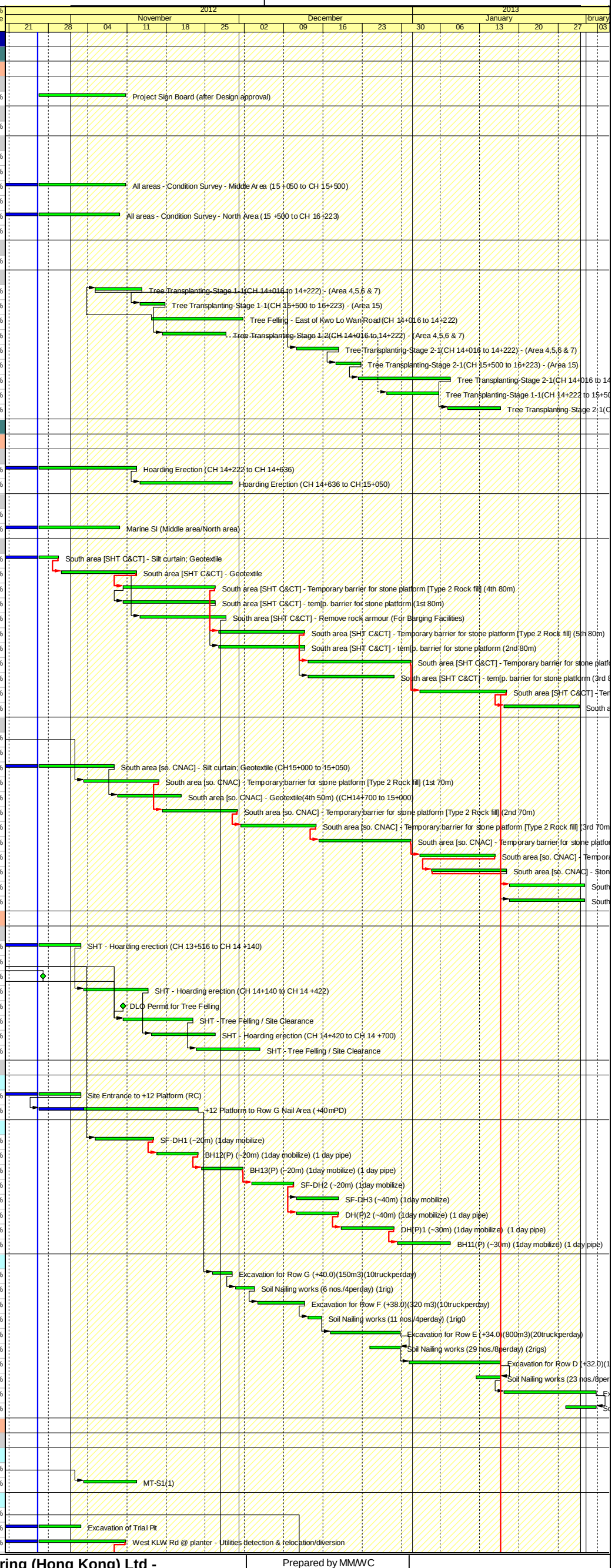
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(November 2012 to January 2013)

Layout HZMB - Layout 2 (3M05)

TASK filters: 3M06, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
3 MONTHS PROGRAMME HY/2011/03 (NOV 2012 to JAN 2013)(Rev0)					
PRELIMINARIES (Site Establishment, Submissions, Permits & Licenses, Procurement)					
Site Estabalishment & Initial Works					
Contractors Mobilization and Site Accomodation & Sign Board					
GPS1490	Project Sign Board (after Design approval)	14	26-Oct-12*	10-Nov-12	0%
Supervising Officer's Site Accomodation					
GPS1550	S/O Site Accomodation - Electrical Installation & Finishing Works	16	15-Aug-12 A	12-Oct-12 A	100%
Initial Survey					
GPS1450	All areas - Initial Topographic Survey - South Area (13 +516 to CH 14+700)	14	27-Jul-12 A	10-Oct-12 A	100%
GPS1630	All areas - Initial Topographic Survey - Middle Area (15 +050 to CH 15+500)	14	13-Aug-12 A	10-Oct-12 A	100%
GPS1670	All areas - Condition Survey - Middle Area (15 +050 to CH 15+500)	14	20-Aug-12 A	10-Nov-12	95%
GPS1650	All areas - Initial Topographic Survey - North Area (15 +500 to CH 16+223)	14	29-Aug-12 A	10-Oct-12 A	100%
GPS1680	All areas - Condition Survey - North Area (15 +500 to CH 16+223)	14	05-Sep-12 A	09-Nov-12	95%
GPS1660	All areas - Initial Topographic Survey - South Area -south of CNAC (14 +700 to CH 1	14	14-Sep-12 A	10-Oct-12 A	100%
Environmental Monitoring					
GPS1430	Start environmental monitoring	0	15-Oct-12 A		100%
Tree Survey, Tree Felling and Transplanting					
GPS1710	Tree Transplanting-Stage 1-1(CH 14+016 to 14+222) - (Area 4,5,6 & 7)	8	05-Nov-12	13-Nov-12	0%
GPS1780	Tree Transplanting-Stage 1-1(CH 15+500 to 16+223) - (Area 15)	5	13-Nov-12	17-Nov-12	0%
GPS1700	Tree Felling - East of Kwo Lo Wan Road(CH 14+016 to 14+222)	15	15-Nov-12*	01-Dec-12	0%
GPS1740	Tree Transplanting-Stage 1-2(CH 14+016 to 14+222) - (Area 4,5,6 & 7)	10	17-Nov-12	28-Nov-12	0%
GPS1711	Tree Transplanting-Stage 2-1(CH 14+016 to 14+222) - (Area 4,5,6 & 7)	7	11-Dec-12	18-Dec-12	0%
GPS1790	Tree Transplanting-Stage 2-1(CH 15+500 to 16+223) - (Area 15)	5	18-Dec-12	22-Dec-12	0%
GPS1741	Tree Transplanting-Stage 2-1(CH 14+016 to 14+222) - (Area 4,5,6 & 7)	11	22-Dec-12	07-Jan-13	0%
GPS1720	Tree Transplanting-Stage 1-1(CH 14+222 to 15+500) - (Area 9,11,12 & 13)	8	27-Dec-12	05-Jan-13	0%
GPS1750	Tree Transplanting-Stage 2-1(CH 14+222 to 15+500) - (Area 9,11,12 & 13)	9	07-Jan-13	16-Jan-13	0%
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)					
Reclamation Works					
Initial Works					
MAR1060	Hoarding Erection (CH 14+222 to CH 14+636)	15	19-Oct-12 A	12-Nov-12	20%
MAR1080	Hoarding Erection (CH 14+636 to CH 15+050)	15	13-Nov-12	29-Nov-12	0%
Marine SI					
MAR1105	Marine SI (Middle area/North area)	12	29-Sep-12 A	15-Oct-12 A	100%
MAR1106	Marine SI (Middle area/North area)	13	16-Oct-12 A	09-Nov-12	10%
Reclamation Works - Ch 14+140 to 14+700 (SHT C&CT Area, 560m)					
RSC1022	South area [SHT C&CT] - Silt curtain; Geotextile	12	12-Sep-12 A	29-Oct-12	75%
RSC1023	South area [SHT C&CT] - Geotextile	12	30-Oct-12	12-Nov-12	0%
RSC1030	South area [SHT C&CT] - Temporary barrier for stone platform [Type 2 Rock fill] (4tl	14	10-Nov-12	26-Nov-12	0%
RSC1011	South area [SHT C&CT] - tem[p. barrier for stone platform (1st 80m)	14	10-Nov-12	26-Nov-12	0%
RSC1010	South area [SHT C&CT] - Remove rock armour (For Barging Facilities)	14	13-Nov-12	28-Nov-12	0%
RSC1031	South area [SHT C&CT] - Temporary barrier for stone platform [Type 2 Rock fill] (5tl	14	27-Nov-12	12-Dec-12	0%
RSC1012	South area [SHT C&CT] - tem[p. barrier for stone platform (2nd 80m)	14	27-Nov-12	12-Dec-12	0%
RSC1032	South area [SHT C&CT] - Temporary barrier for stone platform [Type 2 Rock fill] (6tl	14	13-Dec-12	31-Dec-12	0%
RSC1013	South area [SHT C&CT] - tem[p. barrier for stone platform (3rd 80m)	12	13-Dec-12	28-Dec-12	0%
RSC1033	South area [SHT C&CT] - Temporary barrier for stone platform [Type 2 Rock fill] (7tl	14	02-Jan-13	17-Jan-13	0%
RSC1040	South area [SHT C&CT] - Stone platform	12	17-Jan-13	30-Jan-13	0%
Reclamation Works - Ch 14+700 to 15+050 (South of CNAC Tower, 350m)					
RSC1150	South area [so. CNAC] - Silt curtain; (CH14+700 to 14+850)	12	18-Sep-12 A	03-Oct-12 A	100%
RSC1151	South area [so. CNAC] - Silt curtain; (CH14+850 to 15+000)	12	04-Oct-12 A	17-Oct-12 A	100%
RSC1152	South area [so. CNAC] - Silt curtain; Geotextile (CH15+000 to 15+050)	6	18-Oct-12 A	08-Nov-12	20%
RSC1160	South area [so. CNAC] - Temporary barrier for stone platform [Type 2 Rock fill] (1st	12	03-Nov-12	16-Nov-12	0%
RSC1153	South area [so. CNAC] - Geotextile(4th 50m) ((CH14+700 to 15+000)	10	09-Nov-12	20-Nov-12	0%
RSC1161	South area [so. CNAC] - Temporary barrier for stone platform [Type 2 Rock fill] (2nd	12	17-Nov-12	30-Nov-12	0%
RSC1162	South area [so. CNAC] - Temporary barrier for stone platform [Type 2 Rock fill] (3rd	12	01-Dec-12	14-Dec-12	0%
RSC1163	South area [so. CNAC] - Temporary barrier for stone platform [Type 2 Rock fill] (4th	12	15-Dec-12	31-Dec-12	0%
RSC1164	South area [so. CNAC] - Temporary barrier for stone platform [Type 2 Rock fill] (5th	12	02-Jan-13	15-Jan-13	0%
RSC1170	South area [so. CNAC] - Stone platform	12	04-Jan-13	17-Jan-13	0%
RSC1180	South area [so. CNAC] - Stone columns	12	18-Jan-13	31-Jan-13	0%
RSC1171	South area [so. CNAC] - Stone platform	12	18-Jan-13	31-Jan-13	0%
SHT Mined Tunnel Works at Scenic Hill, Ch 13+516 to 14+016 (500m)					
Initial Works (@ Scenic Hill Road)					
SHT9690	SHT - Hoarding erection (CH 13+516 to CH 14 +140)	7	18-Oct-12 A	02-Nov-12	30%
SHT1020	AA Works Permit for Stage 2 SI	0	19-Oct-12 A		100%
SHT1040	AA Works Permit for Site Formation Works	0	27-Oct-12 A		100%
SHT9650	SHT - Hoarding erection (CH 14+140 to CH 14 +422)	10	03-Nov-12	14-Nov-12	0%
SHT1060	DLO Permit for Tree Felling	0	10-Nov-12*		0%
SHT1010	SHT - Tree Felling / Site Clearance	11	10-Nov-12	22-Nov-12	0%
SHT9680	SHT - Hoarding erection (CH 14+420 to CH 14 +700)	10	15-Nov-12	26-Nov-12	0%
SHT1011	SHT - Tree Felling / Site Clearance	10	23-Nov-12	04-Dec-12	0%
Mined Tunnel West Portal Works					
Temporary Access Road					
SHT9682	Site Entrance to +12 Platform (RC)	8	15-Oct-12 A	02-Nov-12	85%
SHT9684	+12 Platform to Row G Nail Area (+40mPD)	13	26-Oct-12 A	23-Nov-12	5%
Site Investigation					
SHT9686	SF-DH1 (~20m) (1day mobilize)	10	05-Nov-12*	15-Nov-12	0%
SHT9688	BH12(P) (~20m) (1day mobilize) (1 day pipe)	7	16-Nov-12	23-Nov-12	0%
SHT9691	BH13(P) (~20m) (1day mobilize) (1 day pipe)	7	24-Nov-12	01-Dec-12	0%
SHT9694	SF-DH2 (~20m) (1day mobilize)	7	03-Dec-12	10-Dec-12	0%
SHT9696	SF-DH3 (~40m) (1day mobilize)	7	11-Dec-12	18-Dec-12	0%
SHT9700	DH(P)2 (~40m) (1day mobilize) (1 day pipe)	7	11-Dec-12	18-Dec-12	0%
SHT9692	DH(P)1 (~30m) (1day mobilize) (1 day pipe)	7	19-Dec-12	28-Dec-12	0%
SHT9698	BH11(P) (~30m) (1day mobilize) (1 day pipe)	7	29-Dec-12	07-Jan-13*	0%
Site Formation					
SHT9702	Excavation for Row G (+40.0)(150m3)(10truckperday)	4	26-Nov-12	29-Nov-12	0%
SHT9704	Soil Nailing works (6 nos./4perday) (1rig)	3	30-Nov-12	03-Dec-12	0%
SHT9706	Excavation for Row F (+38.0)(320 m3)(10truckperday)	8	04-Dec-12	12-Dec-12	0%
SHT9708	Soil Nailing works (11 nos./4perday) (1rig0	3	13-Dec-12	15-Dec-12	0%
SHT9710	Excavation for Row E (+34.0)(800m3)(20truckperday)	10	17-Dec-12	29-Dec-12	0%
SHT9712	Soil Nailing works (29 nos./8perday) (2rigs)	4	24-Dec-12	29-Dec-12	0%
SHT9714	Excavation for Row D (+32.0)(1200m3)(20truckperday)	14	31-Dec-12	16-Jan-13	0%
SHT9716	Soil Nailing works (23 nos./8perday) (2rigs)	4	12-Jan-13	16-Jan-13	0%
SHT9718	Excavation for Row C (+28.0)(3000m3)(50truckperday)	15	17-Jan-13	02-Feb-13	0%
SHT9720	Soil Nailing works (65 nos./12perday) (3rigs)	6	28-Jan-13	02-Feb-13	0%
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)					
CCT at At Planter Area, Ch 14+031 to Ch 14+056					
Site Investigation					
SHT9798	DH(P)4, DH(P)7	10	05-Sep-12 A	13-Oct-12 A	100%
SHT9808	MT-S1(1)	8	05-Nov-12 A	12-Nov-12	50%
Initial Works (@ West Kwo Lo Wan Road Area)					
SHT1991	West KLW Rd - Mobilization	7	25-Aug-12 A	05-Oct-12 A	100%
SHT2020	Excavation of Trial Pit	7	25-Aug-12 A	02-Nov-12	70%
SHT1970	West KLW Rd @ planter - Utilities detection & relocation/diversion	14	15-Sep-12 A	10-Nov-12	30%



Works Programme

Works Programme

Works Programme

Milestone

Milestone

China State Construction Engineering (Hong Kong) Ltd -

Contract No. HY/2011/03 - HZMB, Hong Kong Link Road

, Section between Scenic Hill and HKBCF

Prepared by MMWC

Date	Revision	C...	A...
27-Oct...		H...	SYT

FILE: 3M06

Sheet 2 of 3

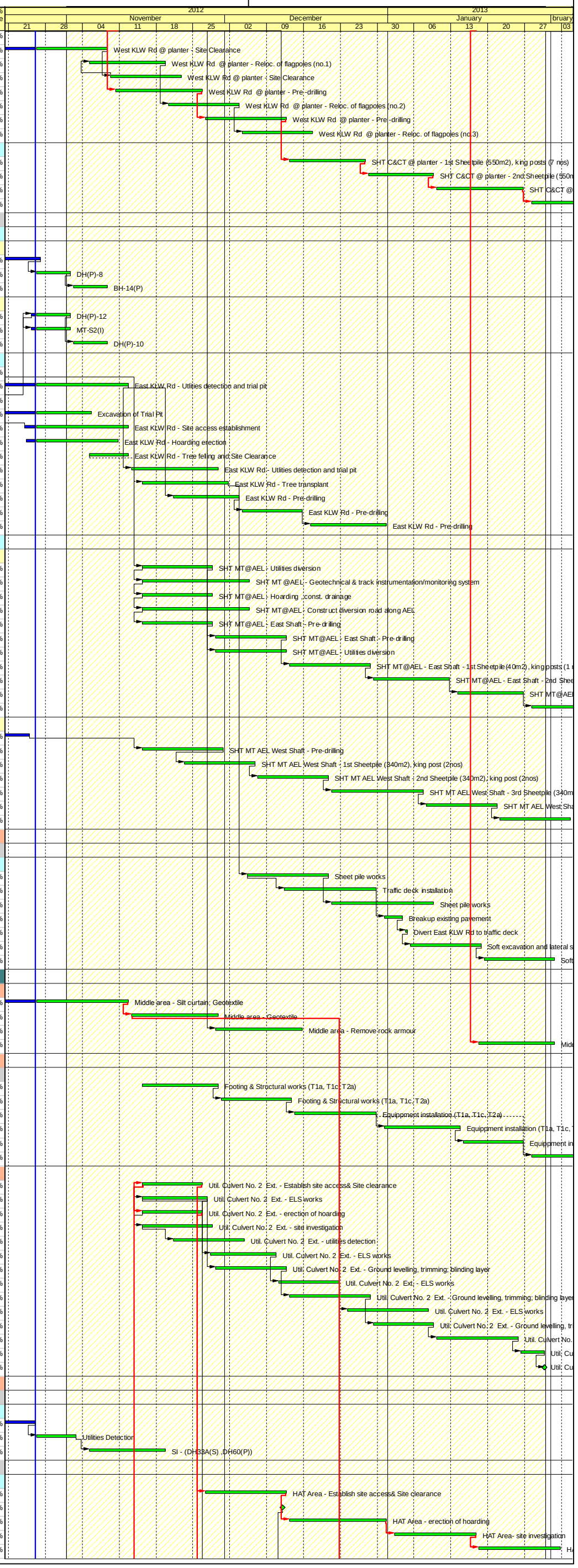
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(November 2012 to January 2013)

Layout HZMB - Layout 2 (3M05)

TASK filters: 3M06, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT1988	West KLW Rd @ planter - Site Clearance	12	05-Oct-12 A	18-Oct-12 A	100%
SHT1989	West KLW Rd @ planter - Site Clearance	12	19-Oct-12 A	08-Nov-12	30%
SHT1130	West KLW Rd @ planter - Reloc. of flagpoles (no.1)	13	05-Nov-12	19-Nov-12	0%
SHT1990	West KLW Rd @ planter - Site Clearance	12	09-Nov-12	22-Nov-12	0%
SHT2060	West KLW Rd @ planter - Pre -drilling	14	10-Nov-12	26-Nov-12	0%
SHT1131	West KLW Rd @ planter - Reloc. of flagpoles (no.2)	12	20-Nov-12	03-Dec-12	0%
SHT2061	West KLW Rd @ planter - Pre -drilling	14	27-Nov-12	12-Dec-12	0%
SHT1132	West KLW Rd @ planter - Reloc. of flagpoles (no.3)	12	04-Dec-12	17-Dec-12	0%
Civil & Structurals Works					
SHT1080	SHT C&CT @ planter - 1st Sheetpile (550m2), king posts (7 nos)	11	13-Dec-12	27-Dec-12	0%
SHT1081	SHT C&CT @ planter - 2nd Sheetpile (550m2), king posts (7 nos)	10	28-Dec-12	09-Jan-13	0%
SHT1090	SHT C&CT @ planter - ELS works (1st, 2nd Layers)	15	10-Jan-13	26-Jan-13	0%
SHT1091	SHT C&CT @ planter - ELS works (3rd, 4th Layers)	15	28-Jan-13	16-Feb-13	0%
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175					
Site Investigation					
Near by Airport Road					
SHT2040	DH(P)-11	6	20-Oct-12 A	27-Oct-12 A	100%
SHT1980	DH(P)-8	6	26-Oct-12	01-Nov-12	0%
SHT2050	BH-14(P)	6	02-Nov-12	08-Nov-12	0%
Near by Kwo Lo Wan Road					
SHT2030	DH(P)-12	6	25-Oct-12 A	01-Nov-12	10%
SHT2090	MT-S2(I)	6	25-Oct-12 A	01-Nov-12	10%
SHT2080	DH(P)-10	6	02-Nov-12	08-Nov-12	0%
Initial Works (@ East Kwo Lo Wan Road Area)					
SHT1732	AA Works Permit for Site Establishment	0	13-Oct-12 A		100%
SHT1720	East KLW Rd - Utlities detection and trial pit	15	19-Oct-12 A	12-Nov-12	20%
SHT1722	AA Works Permit for Stage 2 SI	0	19-Oct-12 A		100%
SHT1743	Excavation of Trial Pit	7	19-Oct-12 A	05-Nov-12	15%
SHT1690	East KLW Rd - Site access establishment	7	24-Oct-12 A	12-Nov-12	35%
SHT1730	East KLW Rd - Hoarding erection	14	24-Oct-12 A	10-Nov-12	20%
SHT1710	East KLW Rd - Tree felling and Site Clearance	7	05-Nov-12*	12-Nov-12	0%
SHT1721	East KLW Rd - Utlities detection and trial pit	15	13-Nov-12	29-Nov-12	0%
SHT1712	East KLW Rd - Tree transplant	15	15-Nov-12*	01-Dec-12	0%
SHT1740	East KLW Rd - Pre-drilling	11	21-Nov-12	03-Dec-12	0%
SHT1741	East KLW Rd - Pre-drilling	11	04-Dec-12	15-Dec-12	0%
SHT1742	East KLW Rd - Pre-drilling	11	17-Dec-12	31-Dec-12	0%
Civil & Structurals Works					
ELS for East Access Shaft (Jacking Shaft)					
SHT1852	SHT MT@AEL - Utilities diversion	12	15-Nov-12*	28-Nov-12	0%
SHT1862	SHT MT @AEL - Geotechnical & track instrumentation/monitoring system	18	15-Nov-12	05-Dec-12	0%
SHT1872	SHT MT@AEL - Hoarding , const. drainage	12	15-Nov-12	28-Nov-12	0%
SHT1882	SHT MT@AEL - Construct diversion road along AEL	18	15-Nov-12	05-Dec-12	0%
SHT1892	SHT MT@AEL - East Shaft - Pre-drilling	12	15-Nov-12	28-Nov-12	0%
SHT1893	SHT MT@AEL - East Shaft - Pre-drilling	12	29-Nov-12	12-Dec-12	0%
SHT1853	SHT MT@AEL - Utilities diversion	12	29-Nov-12	12-Dec-12	0%
SHT1902	SHT MT@AEL - East Shaft - 1st Sheetpile(40m2), king posts (1 no)	12	13-Dec-12	28-Dec-12	0%
SHT1903	SHT MT@AEL - East Shaft - 2nd Sheetpile(40m2), king posts (1 no)	12	29-Dec-12	12-Jan-13	0%
SHT1904	SHT MT@AEL - East Shaft - 3rd Sheetpile(40m2), king posts (1 no)	12	14-Jan-13	26-Jan-13	0%
SHT1905	SHT MT@AEL - East Shaft - 4th Sheetpile(40m2), king posts (1 no)	12	28-Jan-13	13-Feb-13	0%
ELS for West Access Shaft (Retrieval Shaft)					
SHT1802	SHT MT AEL West Shaft - Establishment of site access	14	15-Oct-12 A	25-Oct-12 A	100%
SHT1812	SHT MT AEL West Shaft - Pre-drilling	14	15-Nov-12	30-Nov-12	0%
SHT1822	SHT MT AEL West Shaft - 1st Sheetpile (340m2), king post (2nos)	12	23-Nov-12	06-Dec-12	0%
SHT1823	SHT MT AEL West Shaft - 2nd Sheetpile (340m2), king post (2nos)	12	07-Dec-12	20-Dec-12	0%
SHT1824	SHT MT AEL West Shaft - 3rd Sheetpile (340m2), king post (3nos)	12	21-Dec-12	07-Jan-13	0%
SHT1832	SHT MT AEL West Shaft - ELS works (1st layer)	12	08-Jan-13	21-Jan-13	0%
SHT1833	SHT MT AEL West Shaft - ELS works (2nd layer)	12	22-Jan-13	04-Feb-13	0%
CCT Works over Reclaimed Area at Ch 14+222 to Ch 15+050 (828m)					
CCT Works - on New Reclamation [490m Approx.]					
Box Culvert Outfall PR10 Temporary Diversion					
BC1019	Sheet pile works	14	05-Dec-12	20-Dec-12	0%
BC1021	Traffic deck installation	14	12-Dec-12	29-Dec-12	0%
BC1020	Sheet pile works	14	21-Dec-12	09-Jan-13	0%
BC1022	Breakup existing pavement	3	31-Dec-12	03-Jan-13	0%
BC1023	Divert East KLW Rd to traffic deck	1	04-Jan-13	04-Jan-13	0%
BC1024	Soft excavation and lateral support	12	05-Jan-13	18-Jan-13	0%
BC1240	Soft excavation and lateral support	12	19-Jan-13	01-Feb-13	0%
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)					
Reclamation & Seawall Const. [other than Zone A; Portion C & D1] [450m Approx.]					
RSC1400	Middle area - Silt curtain; Geotextile	15	03-Sep-12 A	12-Nov-12	65%
RSC1401	Middle area - Geotextile	15	13-Nov-12	29-Nov-12	0%
RSC1390	Middle area - Remove rock armour	15	29-Nov-12	15-Dec-12	0%
RSC1410	Middle area - Temporary barrier for stone platform [Type 2 Rock fill] (CH15+500 - 15	13	18-Jan-13	01-Feb-13	0%
Flight Information Signs (PARDS) - Reprovisioning Works					
PARDS - Construction T1a, T1c, T2a					
PARDS100	Footing & Structural works (T1a, T1c, T2a)	13	15-Nov-12*	29-Nov-12	0%
PARDS101	Footing & Structural works (T1a, T1c, T2a)	12	30-Nov-12	13-Dec-12	0%
PARDS110	Equippment installation (T1a, T1c, T2a)	12	14-Dec-12	29-Dec-12	0%
PARDS111	Equippment installation (T1a, T1c, T2a)	12	31-Dec-12	14-Jan-13	0%
PARDS112	Equippment installation (T1a, T1c, T2a)	11	15-Jan-13	26-Jan-13	0%
PARDS120	Testing and Commissioning	10	28-Jan-13	07-Feb-13	0%
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]					
UC2.1000	Util. Culvert No. 2 Ext. - Establish site access& Site clearance	10	15-Nov-12*	26-Nov-12	0%
UC2.1010	Util. Culvert No. 2 Ext. - ELS works	11	15-Nov-12	27-Nov-12	0%
UC2.1002	Util. Culvert No. 2 Ext. - erection of hoarding	10	15-Nov-12	26-Nov-12	0%
UC2.1004	Util. Culvert No. 2 Ext. - site investigation	12	15-Nov-12	28-Nov-12	0%
UC2.1006	Util. Culvert No. 2 Ext. - utilities detection	12	21-Nov-12	04-Dec-12	0%
UC2.1011	Util. Culvert No. 2 Ext. - ELS works	11	28-Nov-12	10-Dec-12	0%
UC2.1020	Util. Culvert No. 2 Ext. - Ground levelling, trimming; blinding layer	12	29-Nov-12	12-Dec-12	0%
UC2.1012	Util. Culvert No. 2 Ext. - ELS works	11	11-Dec-12	22-Dec-12	0%
UC2.1060	Util. Culvert No. 2 Ext. - Ground levelling, trimming; blinding layer	12	13-Dec-12	28-Dec-12	0%
UC2.1013	Util. Culvert No. 2 Ext. - ELS works	11	24-Dec-12	08-Jan-13	0%
UC2.1070	Util. Culvert No. 2 Ext. - Ground levelling, trimming; blinding layer	9	29-Dec-12	09-Jan-13	0%
UC2.1030	Util. Culvert No. 2 Ext. - Culvert structure	14	10-Jan-13	25-Jan-13	0%
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	4	26-Jan-13	30-Jan-13	0%
UC2.1050	Util. Culvert No. 2 Extension Complete	0		30-Jan-13	0%
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage					
CCT for HAT across Airport Road [200m Approx.]					
Utilities Diversion and SI Works					
HAT1531	SI - (DH46 (P), DH40(P), DH50(P), DH59A(S))	5	17-Oct-12 A	26-Oct-12 A	100%
HAT1532	Utilities Detection	7	26-Oct-12	02-Nov-12	0%
HAT1533	SI - (DH33A(S) ,DH60(P))	6	05-Nov-12	19-Nov-12	0%
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]					
Utilities Diversion, SI Works and Temp. Access Shaft					
HAT1552	HAT Area - Establish site access& Site clearance	14	27-Nov-12*	12-Dec-12	0%
HAT1540	HAT DDA and MS approved	0		12-Dec-12 A	100%
HAT1554	HAT Area - erection of hoarding	14	13-Dec-12	31-Dec-12	0%
HAT1556	HAT Area- site investigation	14	02-Jan-13	17-Jan-13	0%
HAT1558	HAT Area - utilities detection	14	18-Jan-13	02-Feb-13	0%



FILE: 3M06

Sheet 3 of 3

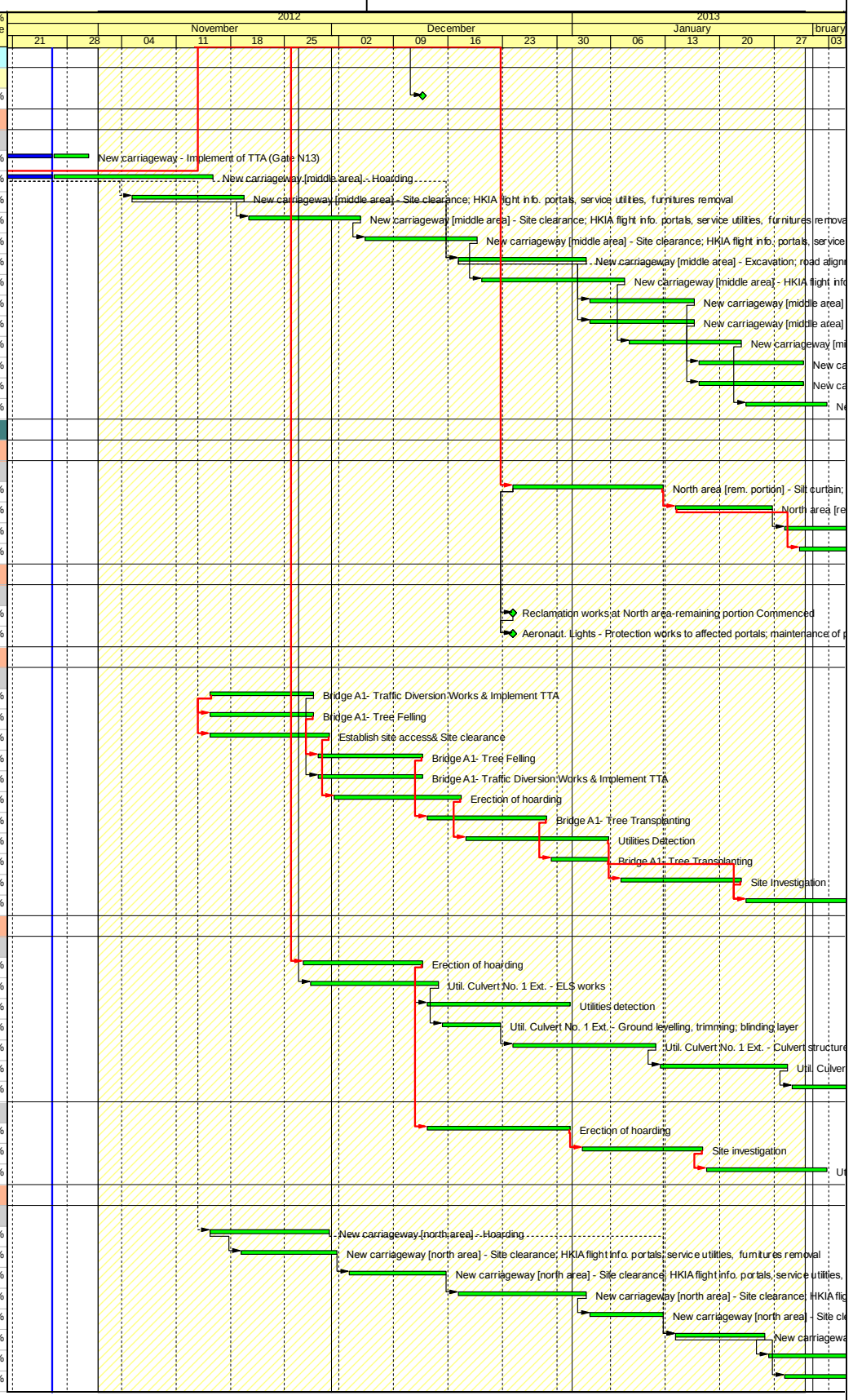
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(November 2012 to January 2013)

Layout HZMB - Layout 2 (3M05)

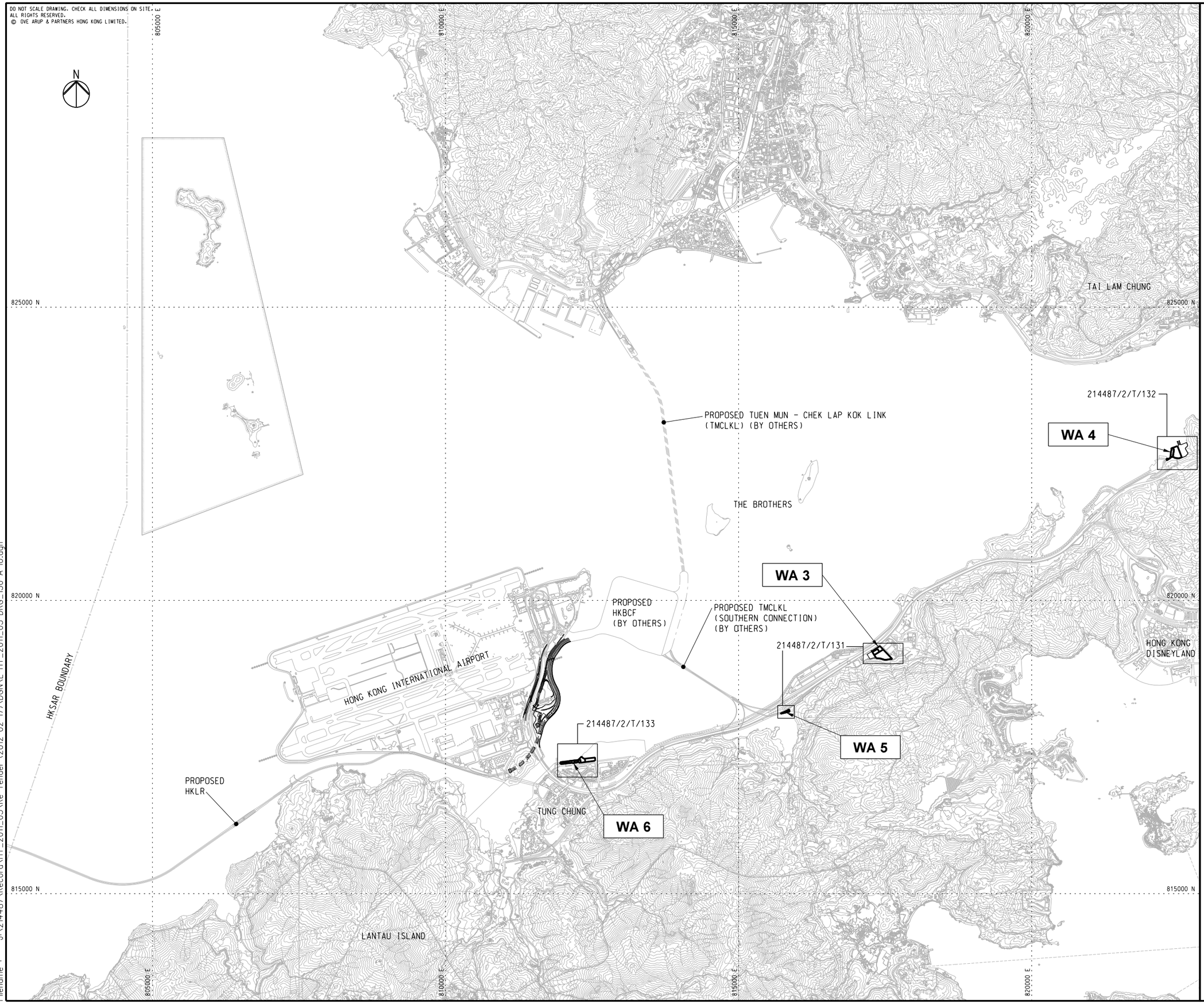
TASK filters: 3M06, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
Mined Tunnel Works underneath AEL [37m Approx.]					
1st Half Heading					
HAT2000	HAT DDA, MS Approved	0		12-Dec-12 A	100%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA [615m Approx.]					
NCW1020	New carriageway - Implement of TTA (Gate N13)	4	10-Oct-12 A	30-Oct-12	40%
NCW1030	New carriageway [middle area] - Hoarding	18	13-Oct-12 A	15-Nov-12	25%
NCW1040	New carriageway [middle area] - Site clearance; HKIA flight info. portals, service utilit	13	05-Nov-12*	19-Nov-12	0%
NCW1041	New carriageway [middle area] - Site clearance; HKIA flight info. portals, service utilit	13	20-Nov-12	04-Dec-12	0%
NCW1042	New carriageway [middle area] - Site clearance; HKIA flight info. portals, service utilit	13	05-Dec-12	19-Dec-12	0%
NCW1060	New carriageway [middle area] - Excavation; road alignment formation (1st 164m)	12	17-Dec-12	02-Jan-13	0%
NCW1043	New carriageway [middle area] - HKIA flight info. portals, service utilities, furnitures r	13	20-Dec-12	07-Jan-13	0%
NCW1061	New carriageway [middle area] - Excavation; road alignment formation (2nd 164m)	12	03-Jan-13	16-Jan-13	0%
NCW1070	New carriageway [middle area] - Sub-ground utilities, drainage works	12	03-Jan-13	16-Jan-13	0%
NCW1044	New carriageway [middle area] - HKIA flight info. portals, service utilities, furnitures r	13	08-Jan-13	22-Jan-13	0%
NCW1062	New carriageway [middle area] - Excavation; road alignment formation (3rd 164m)	12	17-Jan-13	30-Jan-13	0%
NCW1071	New carriageway [middle area] - Sub-ground utilities, drainage works	12	17-Jan-13	30-Jan-13	0%
NCW1045	New carriageway [middle area] - HKIA flight info. portals, service utilities, furnitures r	10	23-Jan-13*	02-Feb-13	0%
WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)					
Reclamation & Seawall Const. [723m Approx.]					
Remaining Portion [463m Approx.]					
RSC1710	North area [rem. portion] - Silt curtain; Geotextile	15	24-Dec-12	12-Jan-13	0%
RSC1720	North area [rem. portion] - Temporary barrier for stone platform [Type 2 Rock fill](1st	12	14-Jan-13	26-Jan-13	0%
RSC1721	North area [rem. portion] - Temporary barrier for stone platform [Type 2 Rock fill](2n	12	28-Jan-13	13-Feb-13	0%
RSC1730	North area [rem. portion] - Stone platform	12	30-Jan-13	15-Feb-13	0%
Reprovisioning Works					
Protection Works to Existing Aeronautical Lights & Weather Station					
AL1000	Reclamation works at North area-remaining portion Commenced	0	24-Dec-12		0%
AL1010	Aeronaut. Lights - Protection works to affected portals; maintenance of protection m	0		24-Dec-12	0%
Works in Bridge A1 & Depressed Road					
Bridge A1 - Initial Works and SI Works					
BA1.1350	Bridge A1- Traffic Diversion Works & Implement TTA	12	15-Nov-12*	28-Nov-12	0%
BA1.1370	Bridge A1- Tree Felling	12	15-Nov-12	28-Nov-12	0%
BA1.1412	Establish site access& Site clearance	14	15-Nov-12	30-Nov-12	0%
BA1.1371	Bridge A1- Tree Felling	12	29-Nov-12	12-Dec-12	0%
BA1.1351	Bridge A1- Traffic Diversion Works & Implement TTA	12	29-Nov-12	12-Dec-12	0%
BA1.1414	Erection of hoarding	14	01-Dec-12	17-Dec-12	0%
BA1.1372	Bridge A1- Tree Transplanting	12	13-Dec-12	28-Dec-12	0%
BA1.1416	Utilities Detection	14	18-Dec-12	05-Jan-13	0%
BA1.1373	Bridge A1- Tree Transplanting	6	29-Dec-12	05-Jan-13	0%
BA1.1418	Site Investigation	14	07-Jan-13	22-Jan-13	0%
BA1.1000	Bridge A1 South Abut. & Ramp - Pre-drilling works	14	23-Jan-13	07-Feb-13	0%
Utility Culvert 3					
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]					
UC1.1062	Erection of hoarding	14	27-Nov-12	12-Dec-12	0%
UC1.1070	Util. Culvert No. 1 Ext. - ELS works	15	28-Nov-12	14-Dec-12	0%
UC1.1.066	Utilities detection	14	13-Dec-12	31-Dec-12	0%
UC1.1080	Util. Culvert No. 1 Ext. - Ground levelling, trimming; blinding layer	7	15-Dec-12	22-Dec-12	0%
UC1.1090	Util. Culvert No. 1 Ext. - Culvert structure (1st 24m)	14	24-Dec-12	11-Jan-13	0%
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure (2nd 24m)	14	12-Jan-13	28-Jan-13	0%
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	12	29-Jan-13	14-Feb-13	0%
New Utility Culvert No. 3 adjacent to HKIA [160m Approx.]					
UC3.1172	Erection of hoarding	14	13-Dec-12	31-Dec-12	0%
UC3.1174	Site investigation	14	02-Jan-13	17-Jan-13	0%
UC3.1176	Utilities detection	14	18-Jan-13	02-Feb-13	0%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA [407.5m Approx.]					
NCW1130	New carriageway [north area] - Hoarding	14	15-Nov-12*	30-Nov-12	0%
NCW1140	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilitie	12	19-Nov-12	01-Dec-12	0%
NCW1141	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilitie	12	03-Dec-12	15-Dec-12	0%
NCW1142	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilitie	12	17-Dec-12	02-Jan-13	0%
NCW1143	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilitie	9	03-Jan-13	12-Jan-13	0%
NCW1150	New carriageway [north area] - Excavation; road alignment formation (1st 204m)	11	14-Jan-13	25-Jan-13	0%
NCW1151	New carriageway [north area] - Excavation; road alignment formation (2nd 204m)	10	26-Jan-13	06-Feb-13	0%
NCW1160	New carriageway [north area] - Sub-ground utilities, drainage works	10	28-Jan-13	07-Feb-13	0%



APPENDIX C

Location of Works Areas



NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. NOS. 214487/2/T/131 - 133.

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title

WORKS AREAS
KEY PLAN

Drawing no.		Rev.
214487/2/T/130		A
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Scale: 1:30000 @A1		Status: TENDER	

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

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WORKS AREA
WA3

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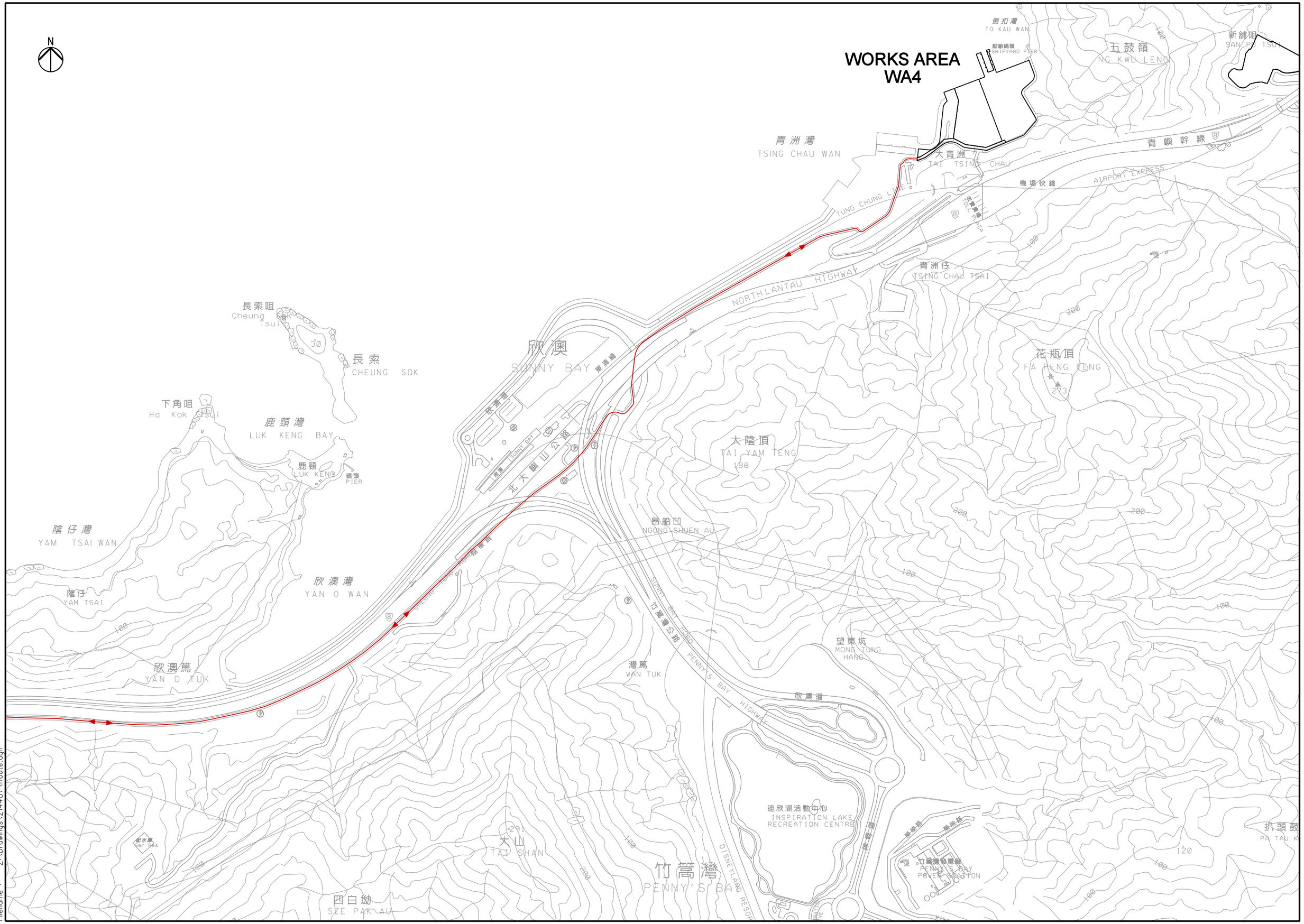
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WORKS AREA
WA4
倒扣灣
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SHIPYARD PIER
五鼓嶺
NG KWU LENG
新舖咀
SAN PO TSUI
青洲灣
TSING CHAU WAN
大青洲
TAI TSING CHAU
青嶼幹線
機場快綫
AIRPORT EXPRESS
TUNG CHUNG LINE
TOLL PLAZA
NORTH LANTAU HIGHWAY
青洲仔
TSING CHAU TSAI
長索咀
Cheung Sok Tsui
長索
CHEUNG SOK
下角咀
Ha Kok Tsui
鹿頸灣
LUK KENG BAY
鹿頸
LUK KENG
碼頭
PIER
欣澳
SUNNY BAY
東涌線
欣澳道
北大嶼山公路
SUNNY BAY ROAD
大陰頂
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花瓶頂
FA PING TENG
273
陰仔灣
YAM TSAI WAN
陰仔
YAM TSAI
欣澳灣
YAN O WAN
欣澳篤
YAN O TUK
昂船凹
NGONG SHUEN AU
竹篙灣公路
SUNNY BAY ROAD
PENNY'S BAY HIGHWAY
望東坑
MONG TUNG HANG
灣篤
WAN TUK
欣澳道
迪欣湖活動中心
INSPIRATION LAKE RECREATION CENTRE
東涌路
DISNEYLAND RESORT LINE
竹篙灣發電廠
PENNY'S BAY POWER STATION
大山
TAI SHAN
291
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N

WORKS AREA
WA5

NORTH LANTAU HIGHWAY

CHEUNG TUNG ROAD

北大嶼山公路

HWM

Rocky Area

Pipeline

Fence

Platform

Pier

碼頭

Rocky Shore

岩地

Pak Mong

白芒

TAI HO WAN

大蠔灣

煤氣調壓及檢管站

Printed by : 30/5/2012
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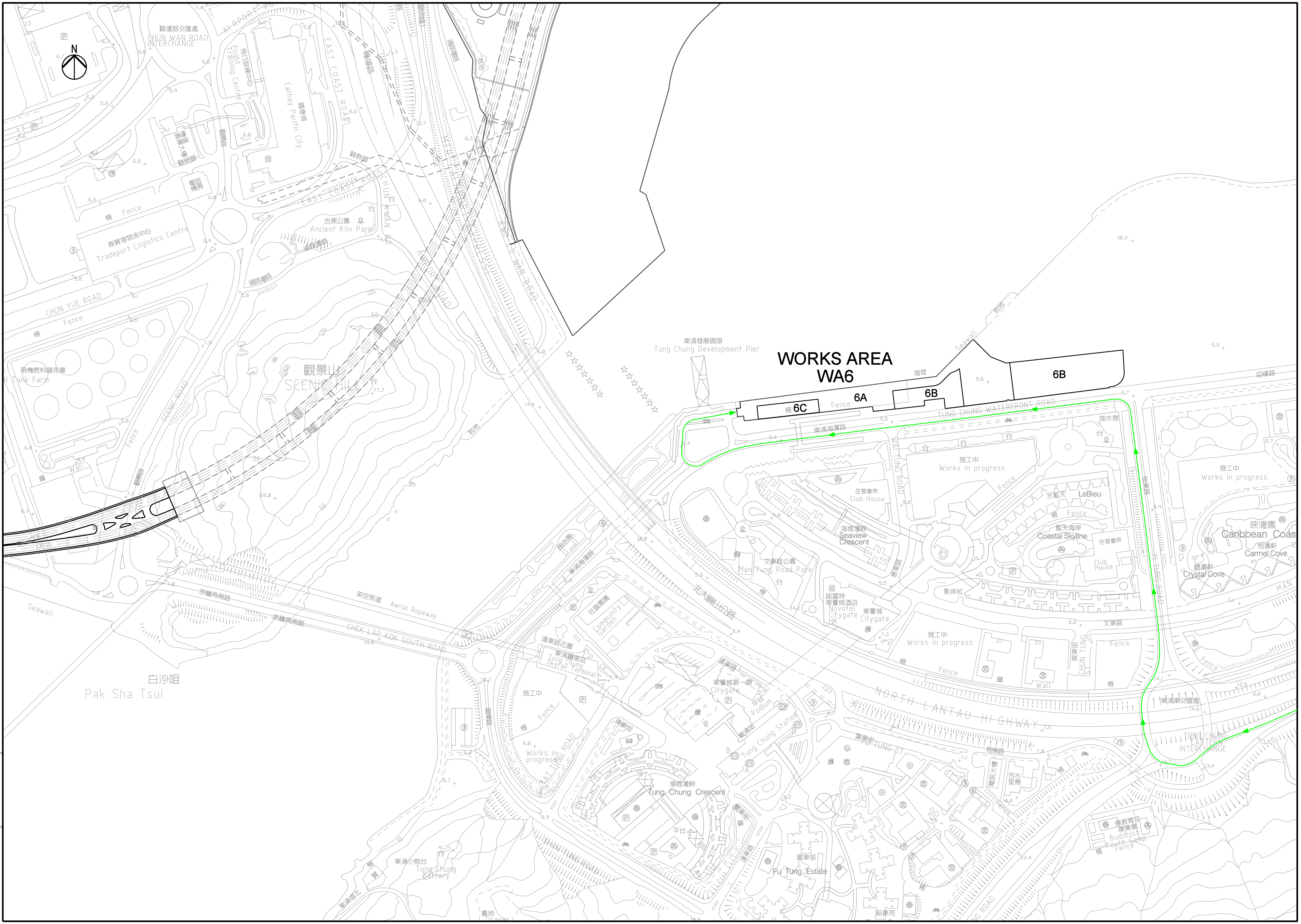

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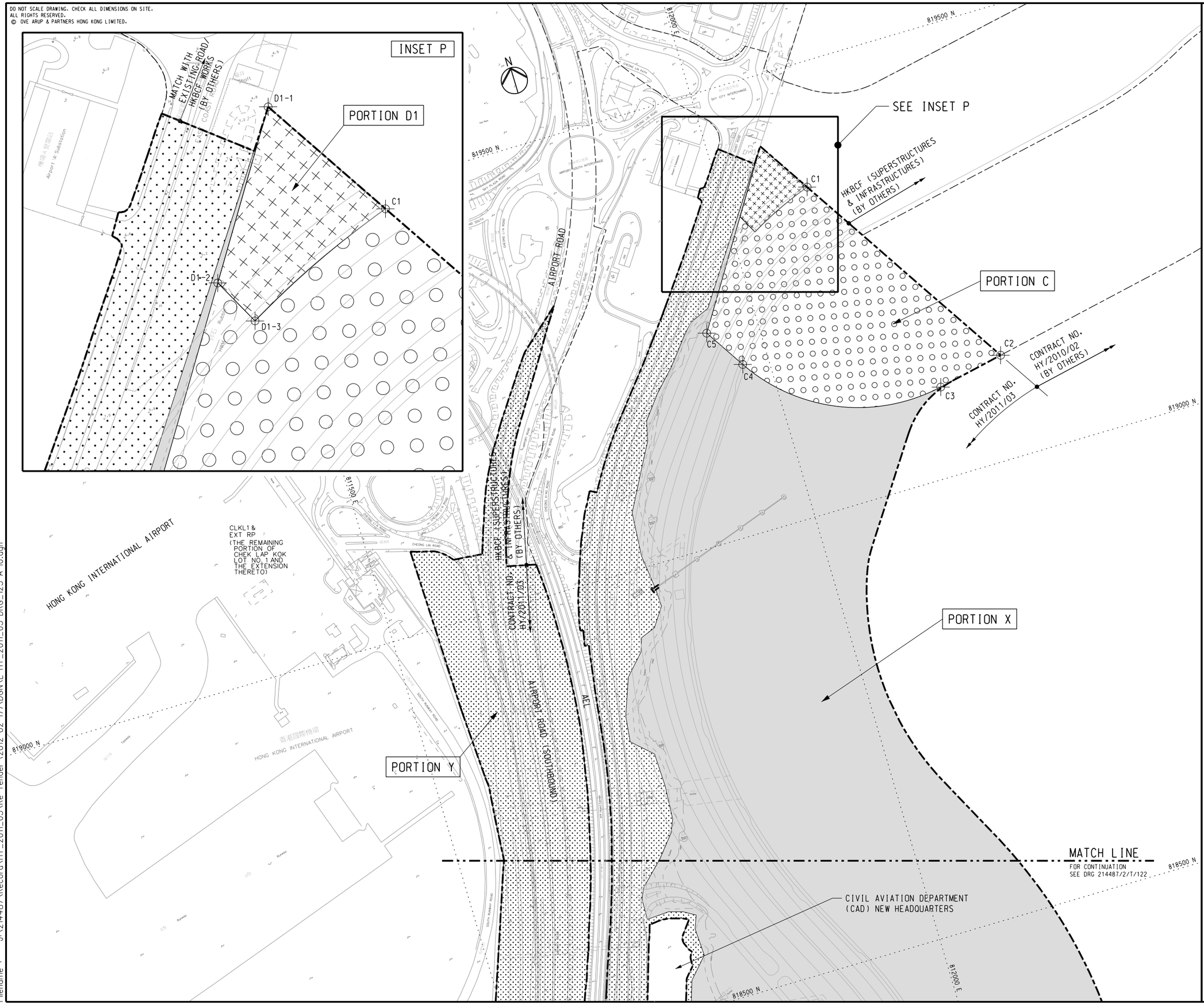

NOTES

1. FOR GENERAL NOTES AND LEGEND, REFER TO DRG. NO. 214487/2/T/121.

SETTING OUT CO-ORDINATES OF SITE PORTION C

POINT	CO-ORDINATES	
	EASTING	NORTHING
C1	812097.481	819361.966
C2	812254.199	819116.562
C3	812178.695	819101.208
C4	811970.282	819189.551
C5	811941.125	819235.206

SETTING OUT CO-ORDINATES OF SITE PORTION D1

POINT	CO-ORDINATES	
	EASTING	NORTHING
D1-1	812059.460	819421.497
D1-2	812014.853	819351.273
D1-3	812026.200	819329.938

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant
ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:
Contract No. HY/2011/03
Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title
PORTION OF SITE
(SHEET 3 OF 3)

Drawing no.		Rev.
214487/2/T/123		A
Drawn: RY	Date: 02/12	Checked: IL / Approved: SK
Scale: 1:2000 @A1	Status: TENDER	

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_123-A-10.dgn

NOTES

1. FOR GENERAL NOTES AND LEGEND, REFER TO DRG. NO. 214487/2/T/121.

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

Drawing no.			Rev.
214487/2/T/122			A
Drawn	Date	Checked	Approved
RY	02/12	IL	SK
Scale		Status	
1:2000 @A1		TENDER	

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Printed by : 13/2/2012
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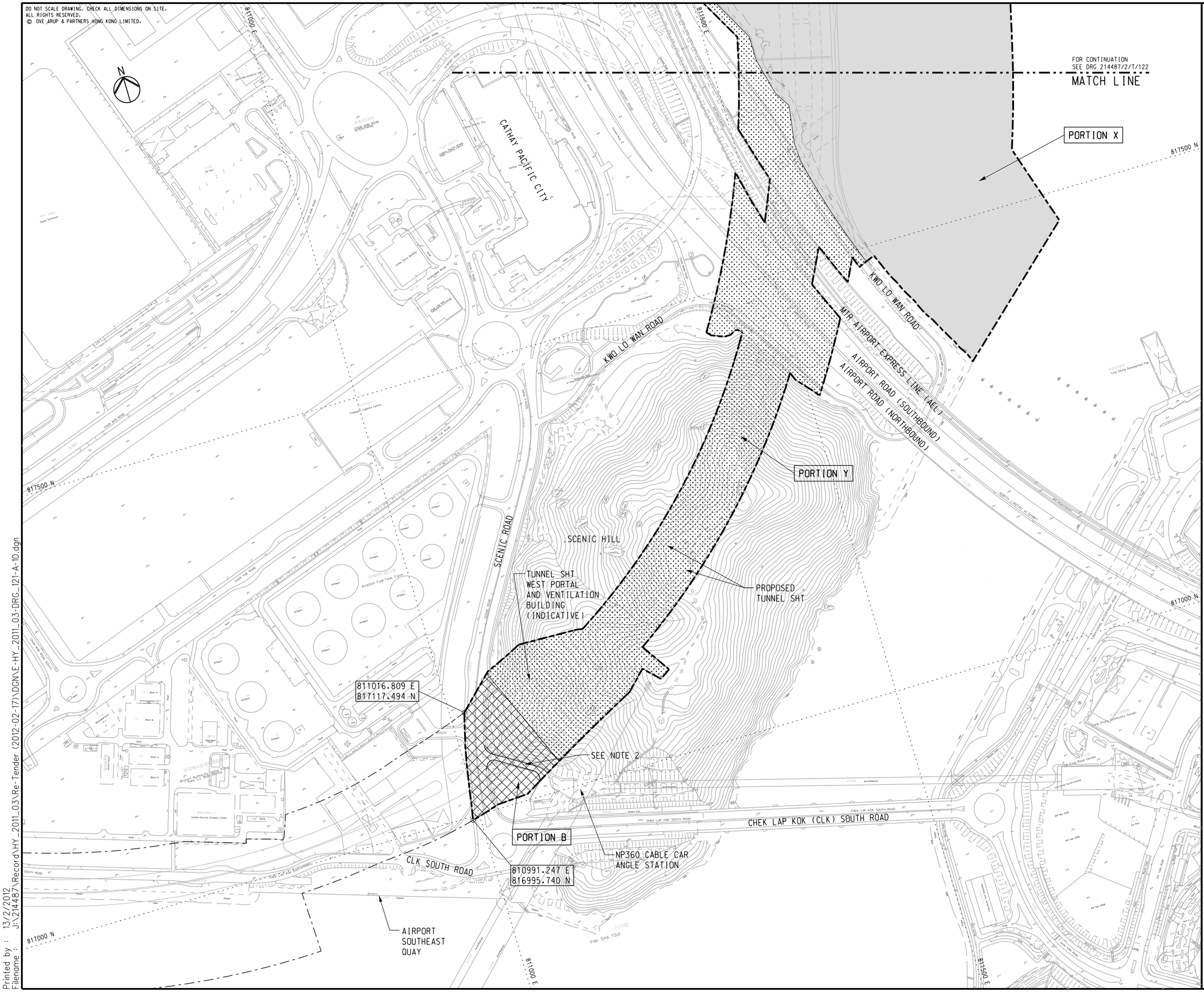

NOTES

1. FOR DETAILED DESCRIPTION OF PORTION OF SITE, REFER TO ER PART 2 GENERAL SITE DATA.
2. ACCESS ROAD TO NP360 CABLE CAR ANGLE STATION SHALL BE MAINTAINED AT ALL TIMES.

LEGEND

- SITE BOUNDARY
- PORTION X
- PORTION Y
- PORTION B
- PORTION C
- PORTION D1

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

Drawing no.	Rev.
214487/2/T/121	A

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale	Status
1:2000 @A1	TENDER

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
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Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_121-A-10.dgn

APPENDIX D

Event and Action Plan

Event and Action Plan for Air Quality

Event	Action			
	ET	IEC	SO	Contractor
Exceedance of Action Level for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and SO; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Exceedance of Action Level for two or more consecutive samples	1. Identify source; 2. Inform IEC and SO; 3. Advise the SO on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and SO; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor;	1. Submit proposals for remedial to SO within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

Event	Action			
	ET	**IEC**	**SO**	**Contractor**
Exceedance of Limit Level for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform SO, Contractor and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the SO on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
Exceedance of Limit Level for two or more consecutive samples	1. Notify IEC, SO, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and SO to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst SO, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the SO until the exceedance is abated.

Event and Action Plan for Noise

Event	Action			
	ET	IEC	SO	Contractor
Exceedance of Action Level	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Notify IEC and Contractor; 3. Report the results of investigation to the IEC, SO and Contractor; 4. Discuss with the Contractor and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposals to IEC; 2. Implement noise mitigation proposals.
Exceedance of Limit Level	1. Identify source; 2. Inform IEC, SO, EPD and Contractor; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, SO and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst SO, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the SO until the exceedance is abated.

Event and Action Plan for Water Quality

Event	Action			
	ET Leader	IEC	SO	Contractor
Action level being exceeded by one sampling day	1. Repeat in situ measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor and SO; 4. Check monitoring data, all plant, equipment and Contractor's working methods.	1. Check monitoring data submitted by ET and Contractor's working methods.	1. Confirm receipt of notification of non-compliance in writing; 2. Notify Contractor.	1. Inform the SO and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Amend working methods if appropriate.
Action level being exceeded by two or more consecutive sampling days	1. Repeat measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor, SO and EPD; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5; Ensure mitigation measures are implemented; 6. Increase the monitoring frequency to daily until no exceedance of Action level.	1. Check monitoring data submitted by ET and Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the proposed mitigation measures submitted by Contractor and advise the SO accordingly; 4. Supervise the implementation of mitigation measures.	1. Discuss with IEC on the proposed mitigation measures; 2. Ensure mitigation measures are properly implemented; 3. Assess the effectiveness of the implemented mitigation measures.	1. Inform the Engineer and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment and consider changes of working methods; 4. Submit proposal of additional mitigation measures to SO within 3 working days of notification and discuss with ET, IEC and SO; 5. Implement the agreed mitigation measures.
Limit level being exceeded by one sampling day	1. Repeat measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor, SO and EPD; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC, SO and Contractor;	1. Check monitoring data submitted by ET and Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the proposed mitigation measures submitted by Contractor and advise the SO accordingly.	1. Confirm receipt of notification of failure in writing; 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Request Contractor to review the working methods.	1. Inform the SO and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment and consider changes of working methods; 4. Submit proposal of mitigation measures to SO within 3 working days of notification and discuss with ET, IEC and SO.

Event	Action			
	ET Leader	IEC	SO	Contractor
Limit level being exceeded by two or more consecutive sampling days	1. Repeat measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor, SO and EPD; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC, SO and Contractor; 6. Ensure mitigation measures are implemented;	1. Check monitoring data submitted by ET and Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the Contractor's mitigation measures whenever necessary to assure their effectiveness and advise the SO accordingly; 4. Supervise the implementation of mitigation measures.	1. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 2. Request Contractor to critically review the working methods; 3. Make agreement on the mitigation measures to be implemented; 4. Ensure mitigation measures are properly implemented; 5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the construction activities until no exceedance of Limit level.	1. Take immediate action to avoid further exceedance; 2. Submit proposal of mitigation measures to SO within 3 working days of notification and discuss with ET, IEC and SO; 3. Implement the agreed mitigation measures; 4. Resubmit proposals of mitigation measures if problem still not under control; 5. As directed by the Engineer, to slow down or to stop all or part of the construction activities until no exceedance of Limit level.

APPENDIX E

Implementation Schedule of Environmental Mitigation Measures

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Air Quality							
S5.5.6.1	A1	1) The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	2) Proper watering of exposed spoil should be undertaken throughout the construction phase: • Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; • Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; • A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones. • The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; • Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		properly maintained throughout the construction period; • The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials; • Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place should be sprayed with water or a dust suppression chemical continuously; • Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet; • Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding; • Any skip hoist for material transport should be totally enclosed by impervious sheeting; • Every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides;					
S5.5.6.2	A2	• Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed; • Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system; and • Exposed earth should be properly treated by	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	N/A

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies.					
S5.5.6.3	A3	3) The Contractor should undertake proper watering on all exposed spoil (with at least 8 times per day) throughout the construction phase.	Control construction dust	Contractor	All construction sites	Construction stage	√
S5.5.6	A5	5) Implement regular dust monitoring under EM&A programme during the construction stage.	Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period.	Contractor	Selected representative dust monitoring station	Construction stage	√
S5.5.7.1	A6	The following mitigation measures should be adopted to prevent fugitive dust emissions for concrete batching plant: • Loading, unloading, handling, transfer or storage of any dusty materials should be carried out in totally enclosed system; • All dust-laden air or waste gas generated by the process operations should be properly extracted and vented to fabric filtering system to meet the emission limits for TSP; • Vents for all silos and cement/pulverised fuel ash (PFA) weighing scale should be fitted with fabric filtering system; • The materials which may generate airborne dusty emissions should be wetted by water spray system; • All receiving hoppers should be enclosed on three sides up to 3m above unloading point; • All conveyor transfer points should be totally	Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period.	Contractor	Selected representative dust monitoring station	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		enclosed; • All access and route roads within the premises should be paved and wetted; and • Vehicle cleaning facilities should be provided and used by all concrete trucks before leaving the premises to wash off any dust on the wheels and/or body.					
S5.5.2.7	A7	The following mitigation measures should be adopted to prevent fugitive dust emissions at barging point: • All road surface within the barging facilities will be paved; • Dust enclosures will be provided for the loading ramp; • Vehicles will be required to pass through designated wheels wash facilities; and • Continuous water spray at the loading points.	Control construction dust	Contractor	All construction sites	Construction stage	√
S6.4.10	N1	1) Use of good site practices to limit noise emissions by considering the following: • only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme; • machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; • plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs; • silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works • mobile plant should be sited as far away from NSRs as possible and practicable; • material stockpiles, mobile container site officer and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.	Control construction airborne noise by means of good site practices	Contractor	All construction sites	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S6.4.11	N2	2) Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of the hoardings shall be properly maintained throughout the construction period.	Reduce the construction noise levels at low-level zone of NSRs through partial screening.	Contractor	All construction sites	Construction stage	√
S6.4.12	N3	3) Install movable noise barriers (typically density @ 14kg/m^2),acoustic mat or full enclosure close to noisy plants including air compressor, generators, saw.	Screen the noisy plant items to be used at all construction sites	Contractor	For plant items listed in Appendix 6D of the EIA report at all construction sites	Construction stage	√
S6.4.13	N4	4) Select .Quiet plants. which comply with the BS 5228 Part 1 or TM standards.	Reduce the noise levels of plant items	Contractor	For plant items listed in Appendix 6D of the EIA report at all construction sites	Construction stage	√
S6.4.14	N5	5) Sequencing operation of construction plants where practicable.	Operate sequentially within the same work site to reduce the construction airborne noise	Contractor	All construction sites where practicable	Construction stage	√
	N6	6) Implement a noise monitoring under EM&A programme.	Monitor the construction noise levels at the selected representative locations	Contractor	Selected representative noise monitoring station	Construction stage	√
Waste Management (Construction Waste)							
S8.3.8	WM1	Construction and Demolition Material	Good site practice to minimize the waste	Contractor	All construction sites	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		The following mitigation measures should be implemented in handling the waste: • Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement; • Carry out on-site sorting; • Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; • Adopt .Selective Demolition. technique to demolish the existing structures and facilities with a view to recovering broken concrete effectively for recycling purpose, where possible; • Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified; and • Implement an enhanced Waste Management Plan similar to ETWBTC (Works) No. 19/2005. Environmental Management on Construction Sites. to encourage on-site sorting of C&D materials and to minimize their generation during the course of construction. • In addition, disposal of the C&D materials onto any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final disposal sites to the Project Proponent and get its approval before implementation	generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal				
S8.3.9 - S8.3.11	WM2	<u>C&D Waste</u> • Standard formwork or pre-fabrication should be used as far as practicable in order to minimise the arising of C&D materials. The use of more durable formwork or plastic facing for the construction works should be considered. Use of wooden hoardings should not be used, as in other projects. Metal hoarding should be used to enhance the possibility of recycling. The	Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final	Contractor	All construction sites	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		purchasing of construction materials will be carefully planned in order to avoid over ordering and wastage. • The Contractor should recycle as much of the C&D materials as possible on-site. Public fill and C&D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage.	disposal				
S8.2.12 - S8.3.15	WM3	<u>Chemical Waste</u> • Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, should be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. • Containers used for the storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; have a capacity of less than 450 liters unless the specification has been approved by the EPD; and display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the regulation.. • The storage area for chemical wastes should be clearly labeled and used solely for the storage of chemical waste; enclosed on at least 3 sides; have an impermeable floor and bunding of sufficient capacity to accommodate 110% of the volume of the largest container or 20 % of the total volume of waste stored in that area, whichever is the greatest; have adequate ventilation; covered to prevent rainfall entering; and arranged so that incompatible materials are adequately separated.	Control the chemical waste and ensure proper storage, handling and disposal.	Contractor	All construction sites	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		• Disposal of chemical waste should be via a licensed waste collector; be to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Centre which also offers a chemical waste collection service and can supply the necessary storage containers; or be to a reuser of the waste, under approval from the EPD.					
S8.3.16	WM4	*Sewage* • Adequate numbers of portable toilets should be provided for the workers. The portable toilets should be maintained in a state, which will not deter the workers from utilizing these portable toilets. Night soil should be collected by licensed collectors regularly.	Proper handling of sewage from worker to avoid odour, pest and litter impacts	Contractor	All construction sites	Construction stage	√
S8.3.17	WM5	*General Refuse* • General refuse generated on-site should be stored in enclosed bins or compaction units separately from construction and chemical wastes. • A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimize odour, pest and litter impacts. Burning of refuse on construction sites is prohibited by law. • Aluminium cans are often recovered from the waste stream by individual collectors if they are segregated and made easily accessible. Separate labelled bins for their deposit should be provided if feasible. • Office wastes can be reduced through the recycling of paper if volumes are large enough to warrant collection. Participation in a local collection scheme should be considered by the Contractor. In addition, waste separation facilities for paper, aluminum cans, plastic bottles etc., should be provided. • Training should be provided to workers about the concepts of site cleanliness and appropriate	Minimize production of the general refuse and avoid odour, pest and litter impacts	Contractor	All construction sites	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		waste management procedure, including reduction, reuse and recycling of wastes.					
Water Quality (Construction Phase)							
S9.11.1 - S9.11.1.2	W1	• Mitigation during the marine works to reduce impacts to within acceptable levels have been recommended and will comprise a series of measures that restrict the method and sequencing of dredging/backfilling, as well as protection measures. Details of the measures are provided below and summarised in the Environmental Mitigation Implementation Schedule in EM&A Manual. • Construction of seawalls to be advanced by at least 100-200m before the main reclamation dredging and filling can commence. It should be noted that the protection by advanced seawall is a dynamic process depending on the progress of the construction activities and the stage when such protection could be realised is illustrated in Figure 9.2 and detailed in Appendix 9D6 of the EIA Report. The part of the works where such measures can be undertaken for the majority of the time includes the following locations: - TMCLKL northern reclamation; - TMCLKL southern reclamation (after formation of the nips); - Reclamation dredging and filling for Portion 1 of HKLR;	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.11.1 - S9.11.1.2	W1	• Export for dredged spoils from NWWCZ avoiding exerting high demand on the disposal facilities in the NWWCZ and, hence, minimise potential cumulative impacts; • For the marine viaducts of HKLR, the bored piling will be undertaken within a metal casing; • A maximum of 30% public fill shall be used for all backfilling below -2.5mPD for the southern reclamation of TMCLKL, HKBCF and HKLR projects; • where public fill is proposed for filling below -2.5mPD, the fine content in the public fill will be	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		controlled to 25%; • silt curtains (cage type) will be applied round all grab dredgers during the HKLR southern reclamation works; • single layer silt curtains will be applied around all works; • during the first two months of dredging work for HKLR, the silt-removal efficiency of the silt-curtains shall be verified by examining the results of water quality monitoring points. The water quality monitoring points to be selected for the above shall be those close to the locations of the initial period of dredging work. Details in this regard shall be determined by the ENPO to be established, taking account of the Contractor's proposed actual locations of his initial period of dredging work. • silt curtain shall be fully maintained throughout the works.					
S9.11.1 - S9.11.1.2	W1	In addition, dredging operations should be undertaken in such a manner as to minimize resuspension of sediments. Standard good dredging practice measures should, therefore, be implemented including the following requirements which should be written into the dredging contract. • trailer suction hopper dredgers shall not allow mud to overflow; • use of Lean Material Overboard (LMOB) systems shall be prohibited;	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.11.1 - S9.11.1.2	W1	• mechanical grabs shall be designed and maintained to avoid spillage and should seal tightly while being lifted; • barges and hopper dredgers shall have tight fitting seals to their bottom openings to prevent leakage of material; • any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes; • loading of barges and hoppers shall be controlled to prevent splashing of dredged					√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		material to the surrounding water. Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation; • excess material shall be cleaned from the decks and exposed fittings of barges and hopper dredgers before the vessel is moved; • adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action; • all vessels shall be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and • the works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site.					
S9.11.1.3	W2	<u>Land Works</u> General construction activities on land should also be governed by standard good working practice. Specific measures to be written into the works contracts should include: • wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters; • sewage effluent and discharges from on-site kitchen facilities shall be directed to Government sewer in accordance with the requirements of the WPCO or collected for disposal offsite. The use of soakaways shall be avoided; • storm drainage shall be directed to storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		facilities. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks; • silt removal facilities, channels and manholes shall be maintained and any deposited silt and grit shall be removed regularly,including specifically at the onset of and after each rainstorm; • temporary access roads should be surfaced with crushed stone or gravel; • rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities; • measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system; • open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms; • manholes (including any newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers; • discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system;					

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S9.11.1.3	W2	• all vehicles and plant should be cleaned before they leave the construction site to ensure that no earth, mud or debris is deposited by them on roads. A wheel washing bay should be provided at every site exit; • wheel wash overflow shall be directed to silt removal facilities before being discharged to the storm drain; • the section of construction road between the wheel washing bay and the public road should be surfaced with crushed stone or coarse gravel; • wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities, shall be screened to remove large objects; • vehicle and plant servicing areas, vehicle wash bays and lubrication facilities shall be located under roofed areas. The drainage in these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with the requirements of the WPCO or collected for off site disposal; • the contractors shall prepare an oil / chemical cleanup plan and ensure that leakages or spillages are contained and cleaned up immediately; • waste oil should be collected and stored for recycling or disposal, in accordance with the Waste Disposal Ordinance; • all fuel tanks and chemical storage areas should be provided with locks and be sited on sealed areas. The storage areas should be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank; and • surface run-off from bunded areas should pass through oil/grease traps prior to discharge to the stormwater system.	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.14	W3	Implement a water quality monitoring programme	Control water quality	Contractor	At identified monitoring	During construction	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
					location	period	
Ecology (Construction Phase)							
S10.7	E1	• Good site practices to avoid runoff entering woodland habitats in Scenic Hill • Reinstate works areas in Scenic Hill • Avoid stream modification in Scenic Hill	Avoid potential disturbance on habitat of Romer.s Tree Frog in Scenic Hill	Designer; Contractor	Scenic Hill	During construction	√
S10.7	E2	• Use closed grab in dredging works. • Install silt curtain during the construction. • Limit dredging and works fronts. • Construct seawall prior to reclamation filling where practicable. • Good site practices • Strict enforcement of no marine dumping. • Site runoff control3 • Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S10.7	E4	• Watering to reduce dust generation; prevention of siltation of freshwater habitats; Site runoff should be desilted, to reduce the potential for suspended sediments, organics and other contaminants to enter streams and standing freshwater	Prevent Sedimentation from Land-based works areas	Contractor	Land-based works areas	During construction	√
S10.7	E5	• Good site practices, including strictly following the permitted works hours, using quieter machines where practicable, and avoiding excessive lightings during night time	Prevent disturbance to terrestrial fauna and habitats	Contractor	Land-based works areas	During construction	√
S10.7	E6	• Dolphin Exclusion Zone; • Dolphin watching plan	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E7	• Decouple compressors and other equipment on working vessels • Avoidance of percussive piling • Marine underwater noise monitoring	Minimise marine noise impacts on dolphins	Contractor	Marine works	During marine works	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		• Temporal suspension of drilling bored pile casing in rock during peak dolphin calving season in May and June; • Handling with care for the installation of sheet piling for reclamation site					
S10.7	E8	• Control vessel speed • Skipper training. • Predefined and regular routes for working vessels; avoid Brothers Islands.	Minimise marine traffic disturbance on dolphins	Contractor	Marine traffic	During marine works	√
S10.10	E9	• Dolphin vessel monitoring • Mudflat ecological monitoring	Minimise marine traffic disturbance on dolphins	Contractor	North Lantau and West Lantau	Prior to construction, during construction, and 1 year after operation	√
Ecology (Operation Phase)							
S10.7	E10	• Preconstruction dive survey for corals	Minimise impacts on marine ecology	Contractor	The marine pier sites nearest to intertidal zone and along the shore of the HKLR reclamation site	Prior to marine construction works in these locations	√
Fisheries							
S11.7	F2	• Reduce re-suspension of sediments • Limit dredging and works fronts. • Good site practices • Strict enforcement of no marine dumping. • Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S11.7	F3	• Install silt-grease trap in the drainage system collecting surface runoff	Minimise impacts on marine water quality impacts	Designer	Reclamation area	During construction	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S11.7	F4	• Maritime Oil Spill Response Plan (MOSRP); • Contingency plan.	Minimise impacts on marine water quality impacts	Management	HKLR	During operation	√
Landscape & Visual (Detailed Design Phase)							
S14.3. 3.1	LV1	General design measures include: • Roadside planting and planting along the edge of the reclamation is proposed; • Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting; • Protection measures for the trees to be retained during construction activities; • Optimizing the sizes and spacing of the bridge columns; • Fine-tuning the location of the bridge columns to avoid visually sensitive locations; • Aesthetic design of the bridge form and its structural elements for HKLR, e.g. parapet, soffit, columns, lightings and so on; • Considering the decorative urban design elements for HKLR, e.g. decorative road lightings; • Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed; • Providing planting area around peripheral of HKLR for tree planting screening effect;	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	
S14.3.3.1		• Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		reclamation (e.g. subtle colour tone and slim form for viaduct to minimize the bulkiness of the structure and to blend the viaduct better with the background environment, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment (refer to Figure 14.4.3).					
Landscape & Visual (Construction Phase)							
S14.3.3.3	LV2	Mitigate both Landscape and Visual Impacts G1. Grass-hydroseed bare soil surface and stock pile areas. G2. Add planting strip and automatic irrigation system if appropriate at some portions of bridge or footbridge to screen bridge and traffic. G3. For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment. G4. Vegetation reinstatement and upgrading to disturbed areas. G5. Maximize new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed. G6. Provide planting area around peripheral of and within HKLR for tree screening buffer effect. G7. Plant salt tolerant native tree and shrubs etc along the planterstrip at affected seawall. G8. Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt .natural-look. by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enhance .natural-look. of the new coastline (see Figure 14.4.2 for example).	Minimise visual & landscape impact	Contractor	HKLR	Construction stage	√
S14.3.3.3	LV3	<u>Mitigate Visual Impacts</u> V1.Minimize time for construction activities during construction period.					√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		V2.Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKLR construction.					
EM&A							
S15.5 - S15.6	EM2	1) An Environmental Team needs to be employed as per the EM&A Manual. 2) Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. 3) An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with.	Perform environmental monitoring & auditing	Contractor	All construction sites	Construction stage	√

APPENDIX F

Site Audit Findings and Corrective Actions

Appendix F – Site Audit Findings and Corrective Actions

1.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting period, 7 site inspections were carried out on 17, 24 and 30 October 2012, and on 6, 13, 20 and 30 November 2012.

1.1.2 Particular observations during the site inspections are described below.

17 October 2012

(a) Work area at WA3 and rock fill materials on the barges in Portion X was found in dry condition. The Contractor is recommended to water the unpaved areas/designated roads to suppress dust emissions. (This observation was closed on 24 October 2012.)

(b) Mud track were found at Kwo Lo Wan Road and Emergency Vehicles Access. The Contractor should clean up the mud tracks at the Emergency Vehicles Access and to implement the wheel washing facility as soon as practical. (This observation was closed on 30 October 2012.)

(c) Dust generated during unloading on a barge. The Contractor is reminded to spray water to the rock fill materials on the barges to suppress dust emissions. (This observation was closed on 24 October 2012.)

(d) A plant was found in WA4 which do not have any labels and drip tray. The Contractor is suggested to provide label (e.g. Noise Emission Label) and drip tray to the air compressor. (This observation was closed on 24 October 2012.)

(e) Some rubbish was found in WA3 next to a tree. The Contractor should clear the rubbish and keep the tidiness of the Site. (This observation was closed on 24 October 2012.)

24 October 2012

(f) The mud trucks were still found at Kwo Lo Wan Road. The Contractor should clean up the mud trucks at Kwo Lo Wan Road and to install the wheel washing facility as soon as practical. (This observation was closed on 30 October 2012.)

(g) The unpaved road at West Portal was dry. The Contractor is recommended to water the bare soil roads to suppress dust emissions. (This observation was closed on 30 October 2012.)

(h) The stockpile of the cement was found to be partially covered at WA06. The Contractor is reminded to fully cover the stockpile of cement with a tarpaulin sheet. (This observation was closed on 30 October 2012.)

(i) Silt was found on the road outside the RE office. The Contractor is recommended to remove the silt on the road. (This observation was closed on 30 October 2012.)

30 October 2012

(a) Some debris and broken sand bags were found on the deck of the barge within the silt curtain surrounding area. The contractor was reminded that any debris and broken sand bags should be removed from the deck to avoid falling off of debris into the sea when the barge moves outside the silt curtain surrounding area. (This observation will be checked in next site inspection.)

6 November 2012

(a) Debris was removed from the deck of the barge in Portion X. (This observation was found on 30 October 2012 and was closed on 6 November 2012.)

(b) Bare soils were found in dry condition at West Portal. The Contractor should spray dry bare soils with water frequently (This observation was closed on 13 November 2012.)

(c) Stockpiles of excavated materials were found uncovered at Airport Road. The Contractor was reminded to cover or water the excavated materials at Airport Road in the dry season. According to the Contractor, using impervious sheeting to cover such materials or spraying the materials with water are not appropriate at this site. This is because the Airport Authority Hong Kong (AAHK) concerns about the safety issue of blowing away of impervious sheeting to cause accidents and there is no valid water use permit for this site. In this case, sand bags will be provided and placed as a cover to such materials to minimise the dust impact. (This observation was closed on 13 November 2012.)

(d) Silt was found on the site access road at Airport Road. The Contractor should remove the silt. (This observation was closed at on 13 November 2012)

(e) Dust was generated during filling of rock materials into sea in Portion X. The Contractor should spray the rock fill materials with water to suppress dust emission. (This observation was closed on 13 November 2012.)

(f) Stock of cement bags were found improperly covered at Kwo Lo Wan Road. The Contractor was reminded to cover the stock of cement bags properly. According to the Contractor, use of impervious sheeting as a cover for cement bags is not appropriate at this site as the AAHK concerns about the safety issue of blowing away of impervious sheeting to cause accidents. In this case, sand bags will be provided and placed as a cover to the stock of cement bags to minimise the dust impact. (This observation was closed on 13 November 2012.)

(g) Storage area with inadequate capacity was found at Kwo Lo Wan Road. The Contractor was reminded to provide a larger drip tray for storage of oil barrels as possible. (This observation was closed on 13 November 2012.)

(h) A stagnant pool was found at Kwo Lo Wan Road. The Contractor was suggested to apply larvicide sand to prevent mosquito breeding. (This observation was closed on 13 November 2012.)

(i) Leaking of water from damaged drain was found on the vegetation of Airport Road works area, and stagnant pools were found on the affected vegetation. (This observation was closed on 13 November 2012.)

13 November 2012

(a) The unpaved roads were found in dry condition at Works Area 03. The Contractor should spray unpaved roads with water frequently. (This observation was closed on 20 November 2012.)

(b) The unpaved roads were found in dry condition at West Portal. The Contractor should spray unpaved roads with water frequently. (This observation was closed on 20 November 2012.)

(c) The compressor was found to be without a drip tray at Kwo Lo Wan Road. The Contractor was reminded to provide a drip tray for the compressor.

(d) The oil drum was found to be with a drip tray at West Portal. The Contractor was reminded to provide a drip tray for the oil drum. (This observation was closed on 20 November 2012.)

(e) Dusty materials were found at Works Area 04. The Contractor was reminded to keep works area clean and tidy. (This observation was closed on 20 November 2012.)

20 November 2012

(b) No cover was provided for the excavated materials at Kwo Lo Wan Road. The Contractor should provide covers for excavated materials to prevent fugitive dust impact. (This observation was closed on 30 November 2012.)

(c) The sound abosbing materials for noise reduction and tarpaulin sheets for dust prevention provided for the mounted excavated breaker were found to be in poor condition at West Portal. The Contractor should provide proper noise reduction materials and tarpaulin sheets for the mounted excavated breaker. (This observation was closed on 30 November 2012.)

(d) Lids were not provided for the Barrels on the 2001 Chang Sing Vessel. The Contractor was reminded to provide lids for the Barrels. (This observation was closed on 30 November 2012.)

(e) The lubricative container did not have a drip tray at Airport Road. The Contractor was reminded to provide a drip tray for the lubricative container. (This observation was closed on 30 November 2012.)

(f) The drip tray was found to be filled with water and other soil materials at West Portal. The Contractor was reminded to clear soil and water inside the drip tray. (This observation was closed on 30 November 2012.)

(g) The U- drainage was found to be filled with excavated materials and leaves at Kwo Lo Wan Road. The Contractor was reminded to clear excavated materials and leaves inside the U- drainage. (This observation was closed on 30 November 2012.)

(h) Rubbish was found in Portion X at Kwo Lo Wan Road. The Contractor was reminded to clear rubbish from the site area. (This observation was closed on 30 November 2012.)

(i) The fencing for retained trees was broken. The Contractor was reminded to provide fencing for the retained trees. (This observation was closed on 30 November 2012.)

30 November 2012

(a) Environmental Permits/ Licences were not provided at the site entrance at Kwo Lo Wan Road. The contractor was reminded to provide Environmental Permits/ Licences at all site entrance for readily inspection.

1.1.3 The Contractor has rectified most of the observations as identified during environmental site inspections during the reporting period. Follow-up actions for outstanding observations will be inspected during the next site inspections.

APPENDIX G

Air Quality Monitoring Data and Graphical Plots

Air Quality Monitoring Result of AMS5 and AMS6 from October to November 2012

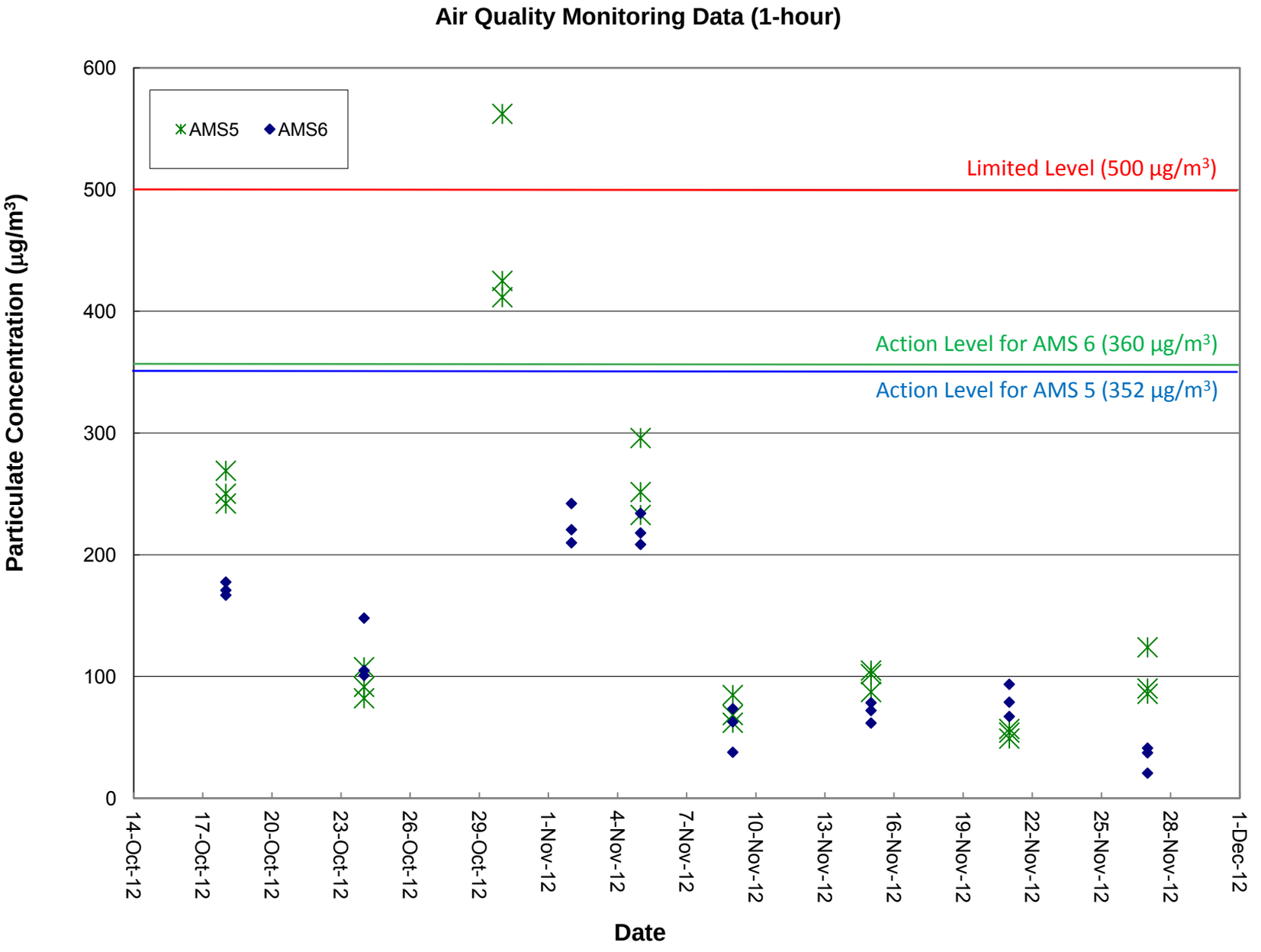
Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2012-10-18	AMS5	13:10	1-hr TSP	242	ug/m3
HKLR	HY/2011/03	2012-10-18	AMS5	14:10	1-hr TSP	250	ug/m3
HKLR	HY/2011/03	2012-10-18	AMS5	15:10	1-hr TSP	269	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS5	13:35	1-hr TSP	82	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS5	14:35	1-hr TSP	92	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS5	15:35	1-hr TSP	108	ug/m3
HKLR	HY/2011/03	2012-10-30	AMS5	13:45	1-hr TSP	425	ug/m3
HKLR	HY/2011/03	2012-10-30	AMS5	14:45	1-hr TSP	412	ug/m3
HKLR	HY/2011/03	2012-10-30	AMS5	15:45	1-hr TSP	562	ug/m3
HKLR	HY/2011/03	2012-11-05	AMS5	13:30	1-hr TSP	233	ug/m3
HKLR	HY/2011/03	2012-11-05	AMS5	14:30	1-hr TSP	252	ug/m3
HKLR	HY/2011/03	2012-11-05	AMS5	15:30	1-hr TSP	296	ug/m3
HKLR	HY/2011/03	2012-11-09	AMS5	13:30	1-hr TSP	85	ug/m3
HKLR	HY/2011/03	2012-11-09	AMS5	14:30	1-hr TSP	62	ug/m3
HKLR	HY/2011/03	2012-11-09	AMS5	15:30	1-hr TSP	68	ug/m3
HKLR	HY/2011/03	2012-11-15	AMS5	13:00	1-hr TSP	87	ug/m3
HKLR	HY/2011/03	2012-11-15	AMS5	14:00	1-hr TSP	102	ug/m3
HKLR	HY/2011/03	2012-11-15	AMS5	15:00	1-hr TSP	105	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS5	9:00	1-hr TSP	147	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS5	10:00	1-hr TSP	127	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS5	11:00	1-hr TSP	139	ug/m3
HKLR	HY/2011/03	2012-11-27	AMS5	13:30	1-hr TSP	90	ug/m3
HKLR	HY/2011/03	2012-11-27	AMS5	14:30	1-hr TSP	124	ug/m3
HKLR	HY/2011/03	2012-11-27	AMS5	15:30	1-hr TSP	86	ug/m3
HKLR	HY/2011/03	2012-10-18	AMS5	9:00	24-hr TSP	94	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS5	13:20	24-hr TSP	79	ug/m3
HKLR	HY/2011/03	2012-10-30	AMS5	13:45	24-hr TSP	46	ug/m3
HKLR	HY/2011/03	2012-11-02	AMS5	8:00	24-hr TSP	94	ug/m3
HKLR	HY/2011/03	2012-11-08	AMS5	8:00	24-hr TSP	127	ug/m3
HKLR	HY/2011/03	2012-11-14	AMS5	8:00	24-hr TSP	104	ug/m3
HKLR	HY/2011/03	2012-11-20	AMS5	8:00	24-hr TSP	65	ug/m3
HKLR	HY/2011/03	2012-11-26	AMS5	8:00	24-hr TSP	113	ug/m3
HKLR	HY/2011/03	2012-11-30	AMS5	8:00	24-hr TSP	36	ug/m3

Air Quality Monitoring Result of AMS5 and AMS6 from October to November 2012

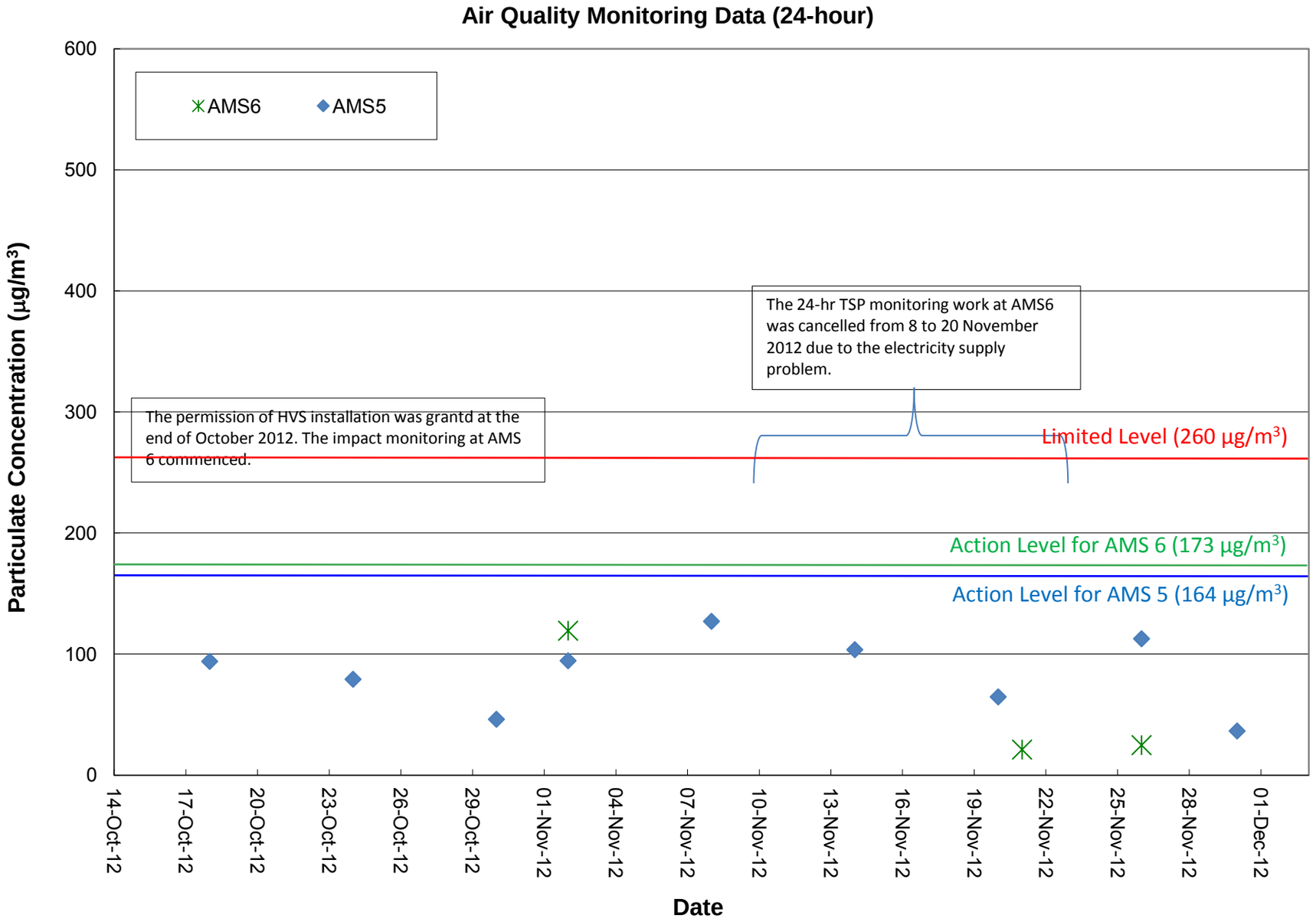
HKLR	HY/2011/03	2012-10-18	AMS6	8:45	1-hr TSP	178	ug/m3
HKLR	HY/2011/03	2012-10-18	AMS6	9:45	1-hr TSP	167	ug/m3
HKLR	HY/2011/03	2012-10-18	AMS6	10:45	1-hr TSP	171	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS6	9:00	1-hr TSP	148	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS6	10:00	1-hr TSP	105	ug/m3
HKLR	HY/2011/03	2012-10-24	AMS6	11:00	1-hr TSP	101	ug/m3
HKLR	HY/2011/03	2012-11-02	AMS6	13:00	1-hr TSP	210	ug/m3
HKLR	HY/2011/03	2012-11-02	AMS6	14:00	1-hr TSP	221	ug/m3
HKLR	HY/2011/03	2012-11-02	AMS6	15:00	1-hr TSP	242	ug/m3
HKLR	HY/2011/03	2012-11-05	AMS6	9:00	1-hr TSP	234	ug/m3
HKLR	HY/2011/03	2012-11-05	AMS6	10:00	1-hr TSP	218	ug/m3
HKLR	HY/2011/03	2012-11-05	AMS6	11:00	1-hr TSP	209	ug/m3
HKLR	HY/2011/03	2012-11-09	AMS6	9:00	1-hr TSP	38	ug/m3
HKLR	HY/2011/03	2012-11-09	AMS6	10:00	1-hr TSP	63	ug/m3
HKLR	HY/2011/03	2012-11-09	AMS6	11:00	1-hr TSP	74	ug/m3
HKLR	HY/2011/03	2012-11-15	AMS6	8:50	1-hr TSP	62	ug/m3
HKLR	HY/2011/03	2012-11-15	AMS6	9:50	1-hr TSP	72	ug/m3
HKLR	HY/2011/03	2012-11-15	AMS6	10:50	1-hr TSP	78	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS6	13:24	1-hr TSP	79	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS6	14:24	1-hr TSP	94	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS6	15:24	1-hr TSP	67	ug/m3
HKLR	HY/2011/03	2012-11-27	AMS6	9:00	1-hr TSP	21	ug/m3
HKLR	HY/2011/03	2012-11-27	AMS6	10:00	1-hr TSP	37	ug/m3
HKLR	HY/2011/03	2012-11-27	AMS6	11:00	1-hr TSP	41	ug/m3
HKLR	HY/2011/03	2012-11-02	AMS6	8:00	24-hr TSP	119	ug/m3
HKLR	HY/2011/03	2012-11-08*	AMS6	8:00	24-hr TSP	-	ug/m3
HKLR	HY/2011/03	2012-11-14*	AMS6	8:00	24-hr TSP	-	ug/m3
HKLR	HY/2011/03	2012-11-21	AMS6	16:23	24-hr TSP	21	ug/m3
HKLR	HY/2011/03	2012-11-26	AMS6	8:00	24-hr TSP	25	ug/m3
HKLR	HY/2011/03	2012-11-30	AMS6	8:00	24-hr TSP	48	ug/m3

Remarks:* The 24-hr TSP monitoring work was cancelled due to the electricity supply problem.

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



APPENDIX H

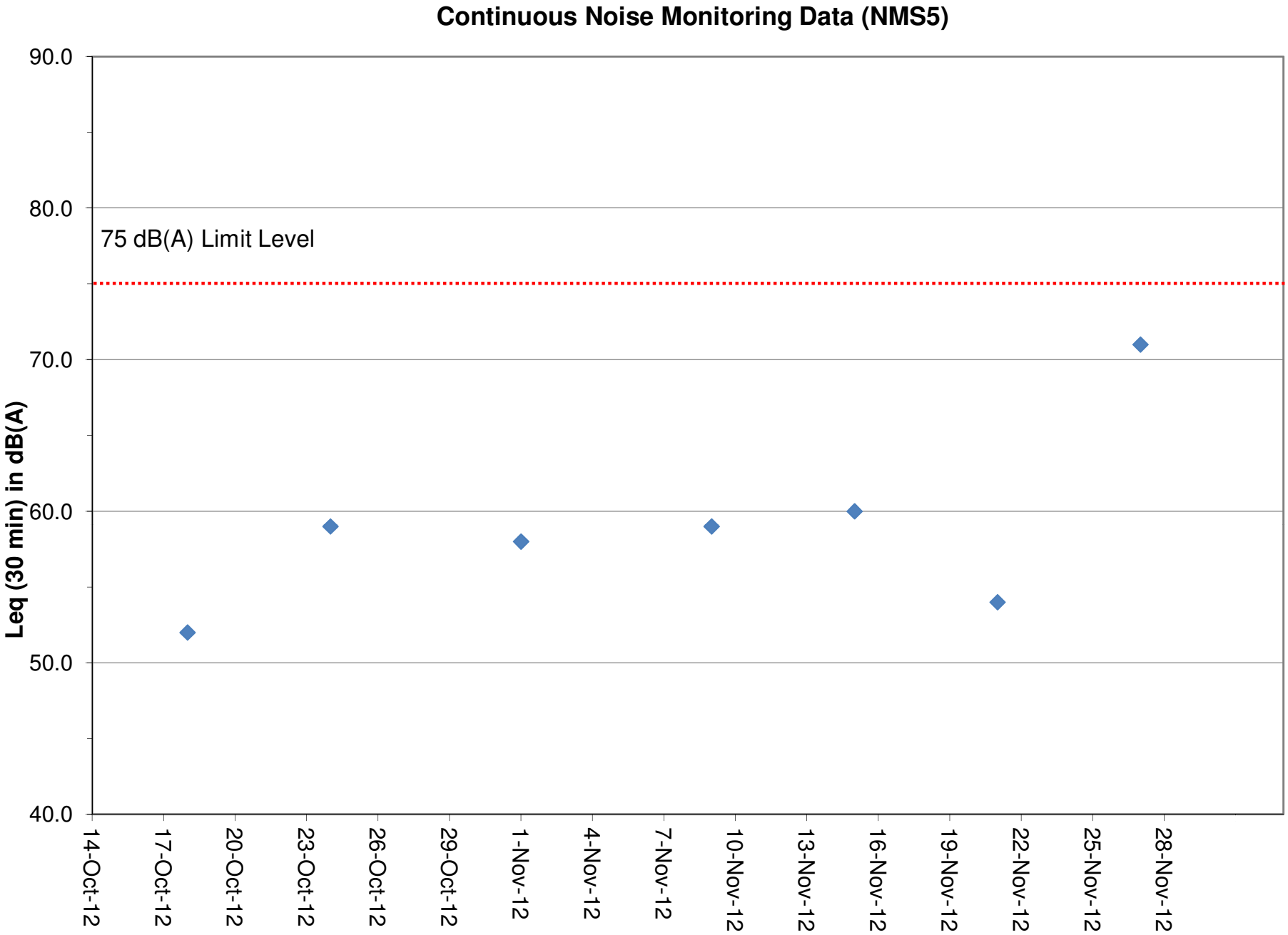
Noise Monitoring Data and Graphical Plots

Noise Monitoring Results of NMS5 from October to November 2012

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	1st set 5mins		2nd set 5mins		3rd set 5mins		4th set 5mins		5th set 5mins		6th set 5mins		Overall (30mins)*		Unit
HKLR	HY/2011/03	2012-10-18	NMS5	13:30	Leq:	49.4	Leq:	49.3	Leq:	49.4	Leq:	49.3	Leq:	49.3	Leq:	49.5	Leq:	52.4*	dB(A)
					L10:	51.0	L10:	51.0	L10:	51.0	L10:	51.0	L10:	51.0	L10:	51.0	L10:	54.0*	
					L90:	43.0	L90:	43.5	L90:	43.5	L90:	43.0	L90:	43.5	L90:	43.0	L90:	46.3*	
HKLR	HY/2011/03	2012-10-24	NMS5	13:30	Leq:	58.8	Leq:	53.7	Leq:	55.1	Leq:	54.0	Leq:	56.8	Leq:	55.7	Leq:	59.1*	dB(A)
					L10:	59.5	L10:	55.5	L10:	57.5	L10:	57.0	L10:	60.0	L10:	58.0	L10:	61.2*	
					L90:	52.0	L90:	51.0	L90:	50.0	L90:	50.0	L90:	51.5	L90:	51.5	L90:	54.1*	
HKLR	HY/2011/03	2012-11-01	NMS5	13:35	Leq:	56.0	Leq:	54.1	Leq:	55.1	Leq:	52.9	Leq:	53.6	Leq:	54.6	Leq:	57.5*	dB(A)
					L10:	57.0	L10:	57.0	L10:	58.0	L10:	53.5	L10:	54.5	L10:	57.5	L10:	59.5*	
					L90:	54.5	L90:	50.5	L90:	50.5	L90:	50.0	L90:	52.0	L90:	50.0	L90:	54.6*	
HKLR	HY/2011/03	2012-11-05	NMS5	13:30	Leq:	58.0	Leq:	58.1	Leq:	55.8	Leq:	56.9	Leq:	57.0	Leq:	54.2	Leq:	59.9*	dB(A)
					L10:	57.0	L10:	61.5	L10:	58.5	L10:	59.0	L10:	60.5	L10:	56.5	L10:	62.2*	
					L90:	51.5	L90:	52.0	L90:	51.0	L90:	52.5	L90:	52.5	L90:	51.0	L90:	54.8*	
HKLR	HY/2011/03	2012-11-15	NMS5	13:30	Leq:	58.6	Leq:	56.3	Leq:	56.1	Leq:	57.4	Leq:	56.4	Leq:	55.8	Leq:	59.9*	dB(A)
					L10:	61.5	L10:	58.0	L10:	58.5	L10:	60.5	L10:	58.5	L10:	58.0	L10:	62.4*	
					L90:	54.0	L90:	53.0	L90:	52.5	L90:	53.0	L90:	53.0	L90:	52.0	L90:	56.0*	
HKLR	HY/2011/03	2012-11-21	NMS5	9:20	Leq:	50.2	Leq:	50.6	Leq:	50.6	Leq:	50.7	Leq:	50.7	Leq:	50.7	Leq:	53.6*	dB(A)
					L10:	52.0	L10:	52.0	L10:	52.0	L10:	52.0	L10:	52.0	L10:	52.0	L10:	55.0*	
					L90:	44.0	L90:	44.5	L90:	44.5	L90:	44.5	L90:	44.5	L90:	44.5	L90:	47.4*	
HKLR	HY/2011/03	2012-11-27	NMS5	15:30	Leq:	62.9	Leq:	63.2	Leq:	69.8	Leq:	66.9	Leq:	68.9	Leq:	71.1	Leq:	71.1*	dB(A)
					L10:	66.5	L10:	67.0	L10:	73.0	L10:	71.0	L10:	72.5	L10:	74.5	L10:	74.7*	
					L90:	52.0	L90:	51.5	L90:	56.0	L90:	50.5	L90:	52.0	L90:	54.0	L90:	56.1*	

Notes:

* +3dB(A) Façade correction included.


Continuous Noise Monitoring Data (NMS5)
90.0
80.0
70.0
60.0
50.0
40.0
Leq (30 min) in dB(A)
75 dB(A) Limit Level
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12

APPENDIX I

Water Quality Monitoring Data and Graphical Plots

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	mperature,	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS5	11:47:21	-	Surface	1	1	27.39	8.13	29.3	89.3	6.0	14.4	19.6
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS5	11:47:59	-	Surface	1	2	27.38	8.13	29.1	89.5	6.0	15.8	18.4
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS5	11:45:39	-	Middle	2	1	27.37	8.13	29.3	88.8	6.0	19.2	23.1
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS5	11:46:39	-	Middle	2	2	27.38	8.13	29.3	88.9	6.0	16.6	21.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS5	11:40:34	-	Bottom	3	1	27.36	8.13	29.2	88.5	6.0	25.6	30.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS5	11:44:31	-	Bottom	3	2	27.37	8.13	29.4	88.4	5.9	21.0	31.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR3	12:01:32	-	Middle	2	1	27.48	8.13	28.8	92.7	6.2	11.1	16.2
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR3	12:03:09	-	Middle	2	2	27.49	8.14	28.9	92.3	6.2	11.0	16.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)6	12:13:47	-	Surface	1	1	27.42	8.13	29.1	91.0	6.1	8.5	15.9
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)6	12:14:33	-	Surface	1	2	27.40	8.13	29.4	90.0	6.0	10.3	15.1
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)6	12:15:35	-	Bottom	3	1	27.35	8.12	29.2	88.5	6.0	14.1	16.7
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)6	12:16:04	-	Bottom	3	2	27.35	8.12	29.2	88.4	5.9	14.9	14.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS7	12:28:45	-	Surface	1	1	27.54	8.14	28.0	96.5	6.5	6.2	9.2
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS7	12:29:26	-	Surface	1	2	27.60	8.14	28.9	97.0	6.5	4.2	8.3
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS7	12:30:23	-	Bottom	2	1	27.37	8.13	28.7	91.9	6.2	12.5	9.4
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS7	12:31:08	-	Bottom	2	2	27.36	8.13	29.2	91.1	6.1	13.6	25.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)9	12:42:51	-	Surface	1	1	27.51	8.13	28.4	94.9	6.4	5.5	10.1
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)9	12:43:28	-	Surface	1	2	27.52	8.13	28.5	94.7	6.4	5.5	9.3
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)9	12:47:33	-	Bottom	2	1	27.29	8.12	29.3	88.5	6.0	18.1	17.2
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS(Mf)9	12:48:12	-	Bottom	2	2	27.32	8.12	29.3	89.2	6.0	15.9	18.4
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS8	12:57:20	-	Surface	1	1	27.65	8.13	29.0	96.3	6.5	5.4	8.6
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS8	12:57:50	-	Surface	1	2	27.65	8.13	28.9	95.9	6.4	4.8	9.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS8	12:58:53	-	Bottom	3	1	27.39	8.11	29.1	88.0	5.9	21.3	19.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	IS8	12:59:40	-	Bottom	3	2	27.38	8.11	29.0	88.6	6.0	17.8	19.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	CS(Mf)5	13:34:53	-	Surface	1	1	27.83	8.12	29.2	96.9	6.5	3.2	6.1
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	CS(Mf)5	13:35:43	-	Surface	1	2	27.82	8.12	29.3	93.7	6.3	2.9	5.9
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	CS(Mf)5	13:36:53	-	Middle	2	1	27.57	8.10	30.0	87.1	5.8	4.1	9.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	CS(Mf)5	13:38:10	-	Middle	2	2	27.56	8.10	30.1	86.4	5.8	3.6	9.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	CS(Mf)5	13:42:20	-	Bottom	3	1	27.51	8.09	30.3	84.0	5.6	22.3	11.9
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	CS(Mf)5	13:43:28	-	Bottom	3	2	27.52	8.09	30.3	83.8	5.6	17.4	13.1
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10B	14:01:10	-	Surface	1	1	27.62	8.09	30.2	87.6	5.8	5.6	14.9
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10B	14:01:49	-	Surface	1	2	27.61	8.09	30.2	86.8	5.8	4.3	14.5
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10B	14:02:44	-	Middle	2	1	27.61	8.09	30.3	86.0	5.7	5.0	12.4
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10B	14:03:20	-	Middle	2	2	27.61	8.09	30.4	85.8	5.7	4.9	13.4
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10B	14:04:07	-	Bottom	3	1	27.61	8.09	30.5	84.8	5.6	6.0	9.5
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10B	14:04:46	-	Bottom	3	2	27.61	8.09	30.5	85.1	5.7	5.4	10.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10A	14:16:08	-	Surface	1	1	27.60	8.08	30.2	0.0	5.7	3.0	9.9
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10A	14:16:48	-	Surface	1	2	27.61	8.08	30.2	85.4	5.7	3.0	8.8
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10A	14:17:50	-	Middle	2	1	27.60	8.09	30.3	85.0	5.7	3.7	9.6
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10A	14:18:37	-	Middle	2	2	27.60	8.09	30.3	84.8	5.6	3.4	11.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10A	14:19:38	-	Bottom	3	1	27.59	8.09	30.3	84.8	5.6	3.5	9.2
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR10A	14:20:16	-	Bottom	3	2	27.59	8.09	30.3	84.7	5.6	4.0	10.3
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR4	14:47:58	-	Surface	1	1	27.74	8.10	28.5	91.5	6.1	8.3	11.0
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR4	14:48:31	-	Surface	1	2	27.70	8.10	29.0	91.2	6.1	8.4	9.2
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR4	14:49:30	-	Bottom	3	1	27.58	8.09	29.1	88.0	5.9	9.9	14.1
HKLR	HY/2011/03	2012-10-17	Mid-Ebb	Sunny	SR4	14:49:59	-	Bottom	3	2	27.59	8.09	29.1	88.0	5.9	9.6	14.5
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR3	17:25:23	-	Middle	2	1	27.47	8.11	29.2	95.1	6.4	12.2	18.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR3	17:26:00	-	Middle	2	2	27.49	8.11	29.2	95.0	6.4	13.2	18.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS5	17:36:18	-	Surface	1	1	27.53	8.11	28.7	93.4	6.3	17.0	29.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS5	17:36:56	-	Surface	1	2	27.55	8.13	29.0	94.7	6.4	19.1	28.4
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS5	17:37:55	-	Middle	2	1	27.61	8.14	29.1	95.6	6.4	22.1	26.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS5	17:38:30	-	Middle	2	2	27.60	8.14	29.1	95.5	6.4	22.2	24.6

HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS5	17:41:50	-	Bottom	3	1	27.58	8.15	29.2	95.5	6.4	32.5	29.2
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS5	17:42:33	-	Bottom	3	2	27.57	8.15	29.3	95.9	6.4	32.9	31.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS(Mf)6	17:51:22	-	Middle	2	1	27.60	8.14	29.2	96.4	6.5	17.1	22.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS(Mf)6	17:52:31	-	Middle	2	2	27.60	8.14	29.2	95.9	6.4	18.4	23.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS(Mf)9	18:05:23	-	Surface	1	1	27.46	8.11	29.0	91.9	6.2	13.0	15.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS(Mf)9	18:06:02	-	Surface	1	2	27.45	8.11	29.0	91.4	6.2	12.9	21.3
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS(Mf)9	18:06:58	-	Bottom	3	1	27.50	8.11	29.2	88.1	5.9	25.1	25.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS(Mf)9	18:07:34	-	Bottom	3	2	27.51	8.11	29.3	87.8	5.9	25.0	27.4
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS7	18:17:47	-	Surface	1	1	27.43	8.12	28.9	92.6	6.2	11.1	15.0
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS7	18:18:47	-	Surface	1	2	27.42	8.12	29.0	92.2	6.2	11.2	15.4
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS7	18:19:41	-	Bottom	3	1	27.46	8.13	29.1	92.2	6.2	13.7	30.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS7	18:20:10	-	Bottom	3	2	27.45	8.13	29.1	92.1	6.2	13.9	28.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS8	18:35:16	-	Surface	1	1	27.45	8.12	28.9	94.7	6.4	9.6	22.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS8	18:35:50	-	Surface	1	2	27.44	8.13	28.6	94.6	6.4	9.4	21.2
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS8	18:36:58	-	Bottom	3	1	27.51	8.13	28.9	92.9	6.2	55.9	73.0
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	IS8	18:38:38	-	Bottom	3	2	27.51	8.13	29.1	92.6	6.2	65.9	71.4
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR4	18:48:42	-	Surface	1	1	27.55	8.10	28.4	92.7	6.2	14.7	23.7
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR4	18:49:09	-	Surface	1	2	27.55	8.11	28.9	92.5	6.2	14.9	22.4
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR4	18:50:04	-	Bottom	3	1	27.55	8.11	28.9	92	6.2	15.2	23.2
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR4	18:50:47	-	Bottom	3	2	27.55	8.11	28.9	91.9	6.2	15.1	24.2
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	CS(Mf)5	19:11:40	-	Surface	1	1	27.60	8.12	28.9	93.7	6.3	2.2	6.6
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	CS(Mf)5	19:11:59	-	Surface	1	2	27.60	8.12	28.8	93.6	6.3	5.0	8.0
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	CS(Mf)5	19:16:33	-	Middle	2	1	27.56	8.10	30.3	84.7	5.6	18.4	22.0
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	CS(Mf)5	19:17:31	-	Middle	2	2	27.56	8.10	30.3	84.6	5.6	18.3	21.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	CS(Mf)5	19:19:07	-	Bottom	3	1	27.53	8.09	30.4	83.2	5.5	62.6	54.4
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	CS(Mf)5	19:19:54	-	Bottom	3	2	27.53	8.09	30.4	83	5.5	72.3	93.2
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10B	19:50:15	-	Surface	1	1	27.47	8.10	31.1	84.7	5.6	15.6	25.0
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10B	20:11:07	-	Surface	1	2	27.45	8.09	30.9	87.4	5.8	11.3	24.1
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10B	19:54:45	-	Middle	2	1	27.47	8.10	31.1	85.4	5.7	13.4	17.1
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10B	19:55:10	-	Middle	2	2	27.47	8.10	31.1	83.6	5.6	12.8	25.9
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10B	20:06:31	-	Bottom	3	1	27.47	8.10	31.2	83.1	5.5	13.4	24.9
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10B	20:06:45	-	Bottom	3	2	27.47	8.10	31.2	83	5.5	12.5	27.0
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10A	20:16:52	-	Surface	1	1	27.43	8.09	30.3	85.1	5.7	5.7	7.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10A	20:17:03	-	Surface	1	2	27.45	8.09	30.4	84.7	5.7	5.9	14.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10A	20:17:51	-	Middle	2	1	27.50	8.09	30.8	82.1	5.5	10.3	21.1
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10A	20:18:25	-	Middle	2	2	27.51	8.09	30.8	82.3	5.5	10.6	21.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10A	20:19:12	-	Bottom	3	1	27.51	8.10	30.9	82.6	5.5	18.3	22.8
HKLR	HY/2011/03	2012-10-17	Mid-Flood	Sunny	SR10A	20:19:46	-	Bottom	3	2	27.51	8.10	30.9	82.4	5.5	20.3	23.4
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS5	8:46:31	-	Surface	1	1	26.01	8.12	29.9	91.7	6.3	17.7	15.1
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS5	8:46:58	-	Surface	1	2	26.07	8.12	29.5	91.1	6.3	14.5	15.1
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS5	8:48:15	-	Middle	2	1	26.12	8.16	29.8	90.5	6.2	12.7	15.8
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS5	8:48:54	-	Middle	2	2	26.13	8.16	29.8	90.5	6.2	10.7	15.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS5	8:49:26	-	Bottom	3	1	26.16	8.16	30.0	90.2	6.2	9.8	20.3
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS5	8:49:53	-	Bottom	3	2	26.15	8.16	30.0	90.3	6.2	9.1	19.1
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS(Mf)6	9:00:24	-	Middle	2	1	25.98	8.15	29.5	91.5	6.3	22.4	29.2
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS(Mf)6	9:01:11	-	Middle	2	2	25.98	8.15	29.7	91.3	6.3	24.7	30.3
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS7	9:10:20	-	Middle	2	1	26.10	8.14	29.3	90.8	6.2	14.0	16.0
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS7	9:10:59	-	Middle	2	2	26.11	8.15	29.8	90.3	6.2	13.1	17.2
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS(Mf)9	9:19:16	-	Middle	2	1	26.39	8.16	30.2	91	6.2	18.0	22.4
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS(Mf)9	9:19:45	-	Middle	2	2	26.38	8.16	30.1	90.4	6.2	16.2	21.6
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS8	9:30:12	-	Surface	1	1	26.20	8.14	29.8	91.6	6.3	4.7	9.5
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS8	9:30:41	-	Surface	1	2	26.21	8.15	29.0	91.6	6.3	7.9	9.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS8	9:31:32	-	Bottom	3	1	26.24	8.15	29.6	90.4	6.2	7.7	15.4
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	IS8	9:32:04	-	Bottom	3	2	26.24	8.15	29.6	90.4	6.2	7.8	16.1

HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR4	9:42:14	-	Surface	1	1	26.23	8.13	29.6	88.3	6.0	16.8	22.8
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR4	9:42:41	-	Surface	1	2	26.24	8.13	29.8	88	6.0	17.4	22.7
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR4	9:43:19	-	Bottom	3	1	26.24	8.13	29.8	87.9	6.0	14.7	19.2
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR4	9:43:55	-	Bottom	3	2	26.25	8.13	29.8	87.8	6.0	15.1	19.7
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	CS(Mf)5	10:01:14	-	Surface	1	1	26.60	8.15	30.2	91.1	6.2	3.5	7.0
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	CS(Mf)5	10:01:38	-	Surface	1	2	26.59	8.15	30.3	90.6	6.1	3.5	6.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	CS(Mf)5	10:02:57	-	Middle	2	1	26.54	8.16	30.3	89.5	6.1	3.8	9.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	CS(Mf)5	10:03:25	-	Middle	2	2	26.52	8.16	30.3	89.4	6.1	3.8	8.7
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	CS(Mf)5	10:04:27	-	Bottom	3	1	26.51	8.18	30.8	89.4	6.0	11.0	6.5
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	CS(Mf)5	10:04:50	-	Bottom	3	2	26.50	8.18	30.8	89.5	6.1	11.9	6.8
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10B	10:30:57	-	Surface	1	1	26.86	8.12	30.7	84.5	5.7	12.0	17.8
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10B	10:31:25	-	Surface	1	2	26.86	8.12	30.9	84	5.6	11.9	16.3
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10B	10:32:16	-	Middle	2	1	26.85	8.12	31.0	83.3	5.6	11.9	13.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10B	10:32:39	-	Middle	2	2	26.85	8.12	31.0	83.2	5.6	11.7	13.8
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10B	10:33:22	-	Bottom	3	1	26.85	8.12	31.0	82.8	5.6	12.3	13.8
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10B	10:33:58	-	Bottom	3	2	26.86	8.12	31.0	82.6	5.6	12.5	13.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10A	10:50:56	-	Surface	1	1	26.83	8.12	30.3	85.1	5.7	4.3	10.2
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10A	10:51:30	-	Surface	1	2	26.83	8.12	30.3	85	5.7	4.4	10.4
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10A	10:52:41	-	Middle	2	1	26.85	8.12	30.8	83.2	5.6	6.9	11.1
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10A	10:53:07	-	Middle	2	2	26.85	8.12	30.8	82.9	5.6	6.3	10.2
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10A	10:53:55	-	Bottom	3	1	26.85	8.12	30.9	82.8	5.6	7.8	10.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR10A	10:54:27	-	Bottom	3	2	26.85	8.12	30.9	82.7	5.6	8.1	11.6
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR3	11:28:48	-	Middle	2	1	26.61	8.17	29.5	94.7	6.4	9.0	12.9
HKLR	HY/2011/03	2012-10-20	Mid-Flood	Sunny	SR3	11:29:29	-	Middle	2	2	26.60	8.17	29.9	94.6	6.4	9.1	11.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR3	14:17:28	-	Middle	2	2	27.05	8.17	29.7	100.9	6.8	6.4	12.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR3	14:18:05	-	Middle	2	2	27.06	8.17	30.0	101.1	6.8	8.2	12.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS5	14:26:25	-	Surface	1	1	26.51	8.14	30.0	93.4	6.3	5.1	11.9
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS5	14:26:51	-	Surface	1	2	26.52	8.14	30.1	92.9	6.3	7.2	12.3
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS5	14:27:49	-	Middle	2	1	26.43	8.14	30.1	91.5	6.2	9.6	13.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS5	14:28:22	-	Middle	2	2	26.41	8.14	30.1	91	6.2	8.6	12.5
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS5	14:29:32	-	Bottom	3	1	26.37	8.14	30.1	89.9	6.1	12.0	17.1
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS5	14:30:10	-	Bottom	3	2	26.39	8.14	30.1	90.1	6.1	10.3	15.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)6	14:42:44	-	Surface	1	1	26.78	8.16	28.9	99.1	6.8	3.3	13.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)6	14:43:31	-	Surface	1	2	26.77	8.16	30.0	99.2	6.7	4.1	14.7
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)6	14:44:13	-	Bottom	3	1	26.71	8.16	30.0	97	6.6	9.9	9.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)6	14:44:43	-	Bottom	3	2	26.71	8.16	30.0	97	6.6	9.9	8.7
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS7	14:53:31	-	Surface	1	1	26.82	8.18	30.0	101.8	6.9	3.2	9.2
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS7	14:54:06	-	Surface	1	2	26.81	8.18	30.0	101.4	6.9	4.7	10.3
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS7	14:54:56	-	Bottom	3	1	26.79	8.18	30.0	99.4	6.7	6.3	9.3
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS7	14:55:27	-	Bottom	3	2	26.80	8.18	30.0	100	6.8	4.6	8.3
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)9	15:04:54	-	Surface	1	1	26.90	8.18	30.1	100.9	6.8	4.1	9.1
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)9	15:05:26	-	Surface	1	2	26.90	8.19	30.1	100.7	6.8	4.3	9.9
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)9	15:06:34	-	Bottom	3	1	26.86	8.18	30.1	99.5	6.7	5.9	12.2
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS(Mf)9	15:07:05	-	Bottom	3	2	26.87	8.18	30.2	99.5	6.7	6.2	13.2
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS8	15:15:54	-	Surface	1	1	27.02	8.17	30.2	99.3	6.7	3.1	8.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS8	15:16:21	-	Surface	1	2	27.02	8.17	30.1	99	6.7	3.7	7.9
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS8	15:17:05	-	Bottom	3	1	26.94	8.18	30.2	98.2	6.6	4.7	8.1
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	IS8	15:17:28	-	Bottom	3	2	26.94	8.18	30.2	98	6.6	5.0	8.4
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR4	15:27:05	-	Surface	1	1	27.08	8.14	29.8	94.2	6.3	4.2	12.4
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR4	15:27:36	-	Surface	1	2	27.10	8.14	29.5	94.3	6.4	5.3	11.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR4	15:28:23	-	Bottom	3	1	26.86	8.14	29.7	90.5	6.1	6.3	13.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR4	15:28:54	-	Bottom	3	2	26.89	8.14	30.2	90.5	6.1	5.8	12.5
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	CS(Mf)5	15:46:58	-	Surface	1	1	26.93	8.14	30.5	90.5	6.1	3.7	8.5
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	CS(Mf)5	15:47:28	-	Surface	1	2	26.93	8.14	30.6	90	6.1	2.7	9.1

HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	CS(Mf)5	15:48:43	-	Middle	2	1	26.88	8.12	30.9	83.9	5.6	2.6	9.1
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	CS(Mf)5	15:49:15	-	Middle	2	2	26.88	8.12	30.9	83.8	5.6	2.9	8.7
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	CS(Mf)5	15:50:27	-	Bottom	3	1	26.90	8.13	31.0	82	5.5	6.9	8.3
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	CS(Mf)5	15:52:02	-	Bottom	3	2	26.90	8.13	31.0	81.9	5.5	6.6	8.4
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10B	16:11:50	-	Surface	1	1	26.97	8.12	30.7	84.4	5.7	3.6	10.7
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10B	16:12:12	-	Surface	1	2	26.97	8.12	31.1	84.1	5.6	5.4	9.3
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10B	16:12:49	-	Middle	2	1	26.97	8.12	31.1	83.6	5.6	4.2	15.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10B	16:13:32	-	Middle	2	2	26.97	8.12	31.1	83.4	5.6	4.3	14.1
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10B	16:14:58	-	Bottom	3	1	26.95	8.13	31.1	83	5.6	4.6	10.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10B	16:15:44	-	Bottom	3	2	26.95	8.13	31.1	83	5.6	5.9	10.7
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10A	16:35:02	-	Surface	1	1	26.92	8.12	31.0	84	5.6	4.0	10.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10A	16:35:28	-	Surface	1	2	26.92	8.12	31.1	83.4	5.6	4.7	10.2
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10A	16:36:29	-	Middle	2	1	26.92	8.12	31.1	82.6	5.5	4.6	11.8
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10A	16:36:56	-	Middle	2	2	26.92	8.12	31.1	82.1	5.5	4.5	11.9
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10A	16:38:03	-	Bottom	3	1	26.93	8.13	31.1	82.2	5.5	5.2	11.0
HKLR	HY/2011/03	2012-10-20	Mid-Ebb	Sunny	SR10A	16:38:35	-	Surface	1	1	26.93	8.13	31.1	82.7	5.5	4.2	12.0
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS5	11:36:04	-	Surface	1	1	26.72	8.18	29.5	101.2	6.9	12.5	5.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS5	11:36:50	-	Surface	1	2	26.72	8.18	29.5	101.5	6.9	12.3	4.0
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS5	11:37:59	-	Middle	2	1	26.65	8.19	29.5	98.8	6.7	13.1	8.6
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS5	11:38:30	-	Middle	2	2	26.66	8.19	29.5	98.6	6.7	13.6	7.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS5	11:39:45	-	Bottom	3	1	26.67	8.19	29.5	98.8	6.7	13.8	9.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS5	11:40:40	-	Bottom	3	2	26.64	8.19	29.5	97	6.6	13.5	9.4
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS(Mf)6	11:50:23	-	Middle	2	1	26.71	8.21	29.3	103.4	7.0	13.5	13.4
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS(Mf)6	11:51:05	-	Middle	2	2	26.72	8.21	29.4	103.4	7.0	14.9	14.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS7	11:57:37	-	Middle	2	1	26.60	8.23	29.3	107.1	7.3	10.9	4.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS7	11:58:13	-	Middle	2	2	26.91	8.21	29.2	105.1	7.1	10.5	5.2
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS(Mf)9	12:05:44	-	Surface	1	1	26.73	8.20	28.8	100.6	6.9	11.5	7.8
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS(Mf)9	12:06:06	-	Surface	1	2	26.67	8.20	28.9	100.8	6.9	11.8	6.4
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS(Mf)9	12:06:51	-	Bottom	3	1	26.44	8.19	29.3	98.1	6.7	13.8	6.4
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS(Mf)9	12:07:17	-	Bottom	3	2	26.49	8.19	29.2	97.9	6.7	13.3	6.6
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS8	12:17:19	-	Surface	1	1	26.91	8.25	28.0	109.2	7.5	9.1	2.6
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS8	12:17:47	-	Surface	1	2	26.92	8.25	27.9	109.3	7.5	8.7	3.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS8	12:18:28	-	Bottom	3	1	26.66	8.23	28.6	106.9	7.3	11.5	3.0
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	IS8	12:19:00	-	Bottom	3	2	26.67	8.23	28.6	107.3	7.3	10.5	3.4
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR4	12:26:21	-	Surface	1	1	27.10	8.23	27.4	104.6	7.1	11.0	3.9
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR4	12:26:55	-	Surface	1	2	27.08	8.22	28.0	104.7	7.1	12.4	2.4
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR4	12:28:03	-	Bottom	3	1	27.05	8.22	28.0	104.1	7.1	12.8	5.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR4	12:28:57	-	Bottom	3	2	27.08	8.22	28.0	104.1	7.1	12.6	5.9
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	CS(Mf)5	12:45:44	-	Surface	1	1	26.88	8.23	28.3	105.8	7.2	8.9	2.9
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	CS(Mf)5	12:46:15	-	Surface	1	2	26.90	8.23	28.6	106.2	7.2	8.9	3.3
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	CS(Mf)5	12:47:00	-	Middle	2	1	26.72	8.14	30.0	90.2	6.1	11.1	3.9
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	CS(Mf)5	12:47:38	-	Middle	2	2	26.72	8.14	30.0	86.7	5.9	12.2	4.7
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	CS(Mf)5	12:48:52	-	Bottom	3	1	26.73	8.14	30.1	84.4	5.7	20.7	12.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	CS(Mf)5	12:49:51	-	Bottom	3	2	26.73	8.14	30.1	84.3	5.7	19.0	12.6
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10B	13:08:31	-	Surface	1	1	26.76	8.14	29.7	87.5	5.9	10.5	6.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10B	13:09:07	-	Surface	1	2	26.76	8.14	30.5	87.4	5.9	11.8	6.3
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10B	13:10:27	-	Middle	2	1	26.77	8.14	30.6	86.6	5.8	11.7	7.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10B	13:10:46	-	Middle	2	2	26.77	8.14	30.5	86.5	5.8	12.1	5.9
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10B	13:11:47	-	Bottom	3	1	26.77	8.14	30.6	86.1	5.8	13.3	6.5
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10B	13:12:14	-	Bottom	3	2	26.77	8.14	30.6	86.1	5.8	12.2	7.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10A	13:22:23	-	Surface	1	1	26.84	8.19	29.0	97.9	6.7	11.7	4.8
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10A	13:23:09	-	Surface	1	2	27.00	8.21	28.7	101.2	6.9	11.3	4.9
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10A	13:24:07	-	Middle	2	1	26.73	8.14	30.1	87.9	5.9	11.3	7.0
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10A	13:24:58	-	Middle	2	2	26.73	8.14	30.2	86.4	5.8	12.2	5.6

HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10A	13:25:58	-	Bottom	3	1	26.72	8.14	30.3	85.9	5.8	12.7	6.3
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR10A	13:27:00	-	Bottom	3	2	26.72	8.14	30.3	85.8	5.8	12.2	5.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR3	14:04:50	-	Middle	2	1	27.57	8.17	29.3	98.2	6.6	16.3	12.1
HKLR	HY/2011/03	2012-10-22	Mid-Flood	Sunny	SR3	14:05:46	-	Middle	2	2	27.57	8.18	29.5	99.1	6.6	16.3	11.2
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR3	16:39:31	-	Middle	2	1	27.13	8.17	28.6	97.9	6.6	5.5	7.4
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR3	16:40:59	-	Middle	2	2	27.12	8.18	29.3	98.7	6.7	4.5	5.2
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS5	16:48:43	-	Surface	1	1	27.29	8.24	29.3	111.7	7.5	2.0	2.8
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS5	16:49:15	-	Surface	1	2	27.34	8.24	29.2	112.3	7.6	2.5	2.9
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS5	16:49:52	-	Middle	2	1	27.02	8.22	29.4	107.2	7.2	3.5	4.0
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS5	16:50:29	-	Middle	2	2	27.03	8.22	29.5	106.1	7.2	5.0	4.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS5	16:51:22	-	Bottom	3	1	26.88	8.20	29.5	101.8	6.9	8.0	6.9
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS5	16:51:59	-	Bottom	3	2	26.87	8.20	29.5	100.3	6.8	10.6	6.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)6	17:02:05	-	Surface	1	1	27.51	8.28	28.1	114.1	7.7	1.5	2.7
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)6	17:02:43	-	Surface	1	2	27.53	8.28	28.0	114.8	7.8	1.0	2.8
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)6	17:03:40	-	Bottom	3	1	27.39	8.26	28.4	113.5	7.7	2.6	5.9
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)6	17:04:03	-	Bottom	3	2	27.41	8.27	28.4	113.5	7.7	2.8	4.4
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS7	17:12:01	-	Surface	1	1	27.39	8.29	28.1	117.4	7.9	0.6	3.7
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS7	17:12:32	-	Surface	1	2	27.40	8.29	28.1	117.6	8.0	1.8	2.4
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS7	17:13:11	-	Bottom	3	1	27.49	8.28	29.2	117.6	7.9	5.0	3.3
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS7	17:13:44	-	Bottom	3	2	27.57	8.28	29.1	119.8	8.0	2.4	4.4
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)9	17:24:04	-	Surface	1	1	26.93	8.29	28.2	116.1	7.9	1.7	3.3
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)9	17:24:52	-	Surface	1	2	26.93	8.29	28.3	116.2	7.9	1.9	3.5
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)9	17:25:47	-	Bottom	3	1	26.94	8.28	28.5	116	7.9	2.3	3.3
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS(Mf)9	17:26:14	-	Bottom	3	2	26.95	8.27	28.5	115.7	7.9	3.3	2.6
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS8	17:34:15	-	Surface	1	1	27.01	8.34	28.2	125.4	8.5	1.8	3.5
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS8	17:34:44	-	Surface	1	2	26.98	8.34	28.0	125.1	8.5	4.9	4.0
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS8	17:35:40	-	Bottom	3	1	26.70	8.23	28.4	110.2	7.5	5.9	6.3
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	IS8	17:36:17	-	Bottom	3	2	26.70	8.24	28.6	107.3	7.3	5.8	5.4
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR4	17:42:42	-	Surface	1	1	26.86	8.26	28.2	110.2	7.5	3.6	5.8
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR4	17:43:13	-	Surface	1	2	26.85	8.26	28.1	110.3	7.5	3.9	5.3
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR4	17:44:04	-	Bottom	3	1	26.82	8.26	28.1	109.1	7.5	4.4	7.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR4	17:44:34	-	Bottom	3	2	26.82	8.25	28.2	109	7.4	4.4	6.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	CS(Mf)5	17:59:48	-	Surface	1	1	26.88	8.23	29.1	103.4	7.0	1.7	3.5
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	CS(Mf)5	18:00:16	-	Surface	1	2	26.90	8.23	29.0	103.3	7.0	1.9	3.9
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	CS(Mf)5	18:01:11	-	Middle	2	1	26.75	8.15	30.4	88.2	6.0	2.5	4.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	CS(Mf)5	18:01:47	-	Middle	2	2	26.75	8.16	30.4	86.8	5.9	2.4	5.0
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	CS(Mf)5	18:04:05	-	Bottom	3	1	26.76	8.15	30.5	84.7	5.7	3.7	5.4
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	CS(Mf)5	18:05:32	-	Bottom	3	2	26.76	8.16	30.5	84.6	5.7	4.4	4.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10B	18:24:59	-	Surface	1	1	26.78	8.15	30.4	88.2	6.0	2.3	4.1
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10B	18:25:22	-	Surface	1	2	26.79	8.16	30.6	87.9	5.9	2.3	4.3
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10B	18:26:00	-	Middle	2	1	26.80	8.16	30.6	86.8	5.8	2.7	4.8
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10B	18:26:42	-	Middle	2	2	26.81	8.16	30.7	86.2	5.8	2.4	6.6
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10B	18:28:51	-	Bottom	3	1	26.83	8.16	30.8	85.5	5.8	2.8	4.5
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10B	18:29:20	-	Bottom	3	2	26.88	8.15	30.9	85.3	5.7	2.9	6.0
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10A	18:40:55	-	Surface	1	1	26.75	8.13	30.7	80.6	5.4	2.4	3.8
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10A	18:41:56	-	Surface	1	2	26.75	8.15	30.5	84.2	5.7	2.0	3.9
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10A	18:43:04	-	Middle	2	1	26.75	8.14	30.6	80.7	5.4	2.3	4.5
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10A	18:43:38	-	Middle	2	2	26.75	8.14	30.6	81.2	5.5	2.2	4.8
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10A	18:44:31	-	Bottom	3	1	26.81	8.14	31.1	80.3	5.4	8.9	10.6
HKLR	HY/2011/03	2012-10-22	Mid-Ebb	Sunny	SR10A	18:45:06	-	Bottom	3	2	26.81	8.14	31.0	80.2	5.4	9.2	11.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR3	8:02:30	-	Middle	2	1	26.60	8.32	28.7	107	7.3	4.0	3.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR3	8:03:21	-	Middle	2	2	26.58	8.33	28.7	107.7	7.4	4.3	2.8
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS5	8:08:42	-	Surface	1	1	26.59	8.27	29.1	99.1	6.8	3.5	2.9
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS5	8:09:17	-	Surface	1	2	26.58	8.28	29.1	99.3	6.8	2.7	2.9

HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS5	8:10:37	-	Middle	2	1	26.61	8.21	30.0	90.5	6.1	6.2	3.5
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS5	8:11:07	-	Middle	2	2	26.61	8.22	29.8	89.8	6.1	7.0	2.9
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS5	8:13:07	-	Bottom	3	1	26.66	8.16	30.5	79.7	5.4	16.2	7.9
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS5	8:13:41	-	Bottom	3	2	26.66	8.17	30.5	79.4	5.4	16.4	7.7
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)6	8:22:41	-	Surface	1	1	26.47	8.36	28.4	108.1	7.4	5.0	5.0
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)6	8:23:16	-	Surface	1	2	26.49	8.36	28.6	107.6	7.4	7.3	5.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)6	8:23:49	-	Bottom	3	1	26.75	8.27	29.2	100	6.8	5.2	4.1
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)6	8:24:26	-	Bottom	3	2	26.75	8.28	29.2	97.1	6.6	5.0	3.4
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS7	8:33:28	-	Surface	1	1	26.38	8.37	28.2	109.5	7.5	4.7	6.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS7	8:33:59	-	Surface	1	2	26.38	8.38	28.4	109.8	7.5	6.7	5.1
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS7	8:34:43	-	Bottom	3	1	26.43	8.34	28.6	106	7.3	6.1	3.5
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS7	8:35:17	-	Bottom	3	2	26.43	8.34	28.6	105.3	7.2	6.2	4.9
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)9	8:42:58	-	Surface	1	1	26.48	8.32	28.3	107.8	7.4	3.0	4.1
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)9	8:43:27	-	Surface	1	2	26.48	8.32	28.6	107.9	7.4	3.1	3.5
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)9	8:44:24	-	Bottom	3	1	26.61	8.33	28.7	106	7.2	4.9	4.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS(Mf)9	8:45:03	-	Bottom	3	2	26.61	8.33	28.7	106	7.2	4.8	4.1
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS8	8:52:12	-	Surface	1	1	26.35	8.28	28.4	104.7	7.2	2.7	3.0
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS8	8:52:38	-	Surface	1	2	26.35	8.28	28.4	104.3	7.2	3.2	2.6
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS8	8:53:24	-	Bottom	3	1	26.39	8.28	28.5	103.2	7.1	2.6	2.4
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	IS8	8:54:06	-	Bottom	3	2	26.40	8.29	28.5	103.3	7.1	2.5	3.4
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR4	9:01:51	-	Surface	1	1	26.28	8.25	28.5	99.4	6.8	4.6	5.4
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR4	9:02:17	-	Surface	1	2	26.29	8.24	28.5	97.6	6.7	4.6	5.6
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR4	9:03:13	-	Bottom	3	1	26.37	8.20	28.6	90	6.2	7.1	6.0
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR4	9:03:55	-	Bottom	3	2	26.37	8.20	28.6	88.5	6.1	8.0	5.1
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	CS(Mf)5	9:18:18	-	Surface	1	1	26.57	8.25	28.2	102.9	7.1	1.8	3.8
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	CS(Mf)5	9:18:46	-	Surface	1	2	26.57	8.25	28.9	103	7.0	1.7	3.8
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	CS(Mf)5	9:20:11	-	Middle	2	1	26.67	8.21	30.2	94.1	6.4	1.2	3.3
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	CS(Mf)5	9:20:57	-	Middle	2	2	26.67	8.21	30.2	94.2	6.4	1.1	3.9
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	CS(Mf)5	9:22:29	-	Bottom	3	1	26.81	8.16	31.0	84.8	5.7	5.8	7.6
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	CS(Mf)5	9:23:12	-	Bottom	3	2	26.81	8.16	31.0	84.5	5.7	6.0	7.0
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10B	9:42:28	-	Surface	1	1	26.71	8.19	30.6	91.6	6.2	2.2	2.3
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10B	9:42:59	-	Surface	1	2	26.70	8.19	30.6	91.8	6.2	0.9	2.4
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10B	9:44:05	-	Middle	2	1	26.70	8.19	30.6	91.1	6.2	1.4	2.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10B	9:44:43	-	Middle	2	2	26.70	8.19	30.6	91.1	6.2	1.3	2.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10B	9:45:47	-	Bottom	3	1	26.70	8.19	30.6	90.5	6.1	1.7	2.6
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10B	9:46:26	-	Bottom	3	2	26.70	8.19	30.6	90.4	6.1	1.7	3.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10A	9:55:58	-	Surface	1	1	26.71	8.20	30.5	93.6	6.3	0.1	2.4
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10A	9:56:26	-	Surface	1	2	26.66	8.21	30.4	94.7	6.4	1.1	2.2
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10A	9:57:40	-	Middle	2	1	26.67	8.21	30.4	94.3	6.4	0.3	3.7
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10A	9:58:10	-	Middle	2	2	26.63	8.23	30.3	95.9	6.5	0.3	3.1
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10A	9:59:40	-	Bottom	3	1	26.63	8.23	30.3	96.4	6.5	1.2	2.6
HKLR	HY/2011/03	2012-10-25	Mid-Ebb	Sunny	SR10A	10:00:20	-	Bottom	3	2	26.62	8.22	30.3	96.3	6.5	1.2	2.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR3	15:07:57	-	Middle	2	1	27.55	8.42	28.6	133.7	9.0	7.1	6.3
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR3	15:08:54	-	Middle	2	2	27.57	8.43	29.0	134.6	9.0	8.5	5.8
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS5	15:17:01	-	Surface	1	1	27.33	8.46	28.8	134.2	9.1	8.6	6.3
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS5	15:17:40	-	Surface	1	2	27.33	8.46	28.8	137.2	9.3	10.7	5.6
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS5	15:20:44	-	Middle	2	1	27.38	8.47	29.0	138.6	9.3	5.6	7.2
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS5	15:21:47	-	Middle	2	2	27.37	8.46	29.0	138.1	9.3	6.3	7.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS5	15:25:53	-	Bottom	3	1	27.09	8.37	29.3	118.1	8.0	8.4	9.0
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS5	15:26:30	-	Bottom	3	2	27.08	8.37	29.4	116.7	7.9	8.7	8.1
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS(Mf)6	15:36:25	-	Middle	2	1	27.30	8.51	28.9	150.2	10.1	4.1	5.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS(Mf)6	15:37:36	-	Middle	2	2	27.32	8.50	28.7	149.2	10.1	3.6	5.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS7	15:42:58	-	Surface	1	1	27.26	8.36	28.5	117.6	8.0	4.5	4.8
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS7	15:43:44	-	Surface	1	2	27.24	8.38	28.5	119.3	8.1	4.5	5.6

HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS7	15:44:43	-	Bottom	3	1	27.20	8.40	28.6	122.4	8.3	6.1	5.3
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS7	15:45:13	-	Bottom	3	2	27.21	8.40	28.5	122.9	8.3	5.8	6.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS(Mf)9	15:54:14	-	Surface	1	1	27.26	8.30	27.6	114.6	7.8	0.9	3.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS(Mf)9	15:55:04	-	Surface	1	2	27.25	8.31	27.6	115	7.8	0.7	4.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS(Mf)9	15:56:24	-	Bottom	3	1	27.04	8.37	28.8	118.5	8.0	3.4	5.0
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS(Mf)9	15:56:56	-	Bottom	3	2	27.04	8.36	28.9	118.1	8.0	3.3	4.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS8	16:05:37	-	Surface	1	1	27.20	8.26	27.5	108.2	7.4	1.4	2.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS8	16:06:02	-	Surface	1	2	27.21	8.26	27.5	108.3	7.4	1.7	3.1
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS8	16:06:59	-	Bottom	3	1	27.00	8.35	28.5	114.2	7.8	5.9	5.1
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	IS8	16:07:28	-	Bottom	3	2	27.01	8.34	28.6	114.1	7.8	6.0	5.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR4	16:13:47	-	Surface	1	1	27.13	8.29	28.1	109.9	7.5	8.3	5.2
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR4	16:14:20	-	Surface	1	2	27.12	8.29	28.1	109.9	7.5	8.2	4.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR4	16:15:21	-	Bottom	3	1	27.12	8.30	28.1	111.2	7.6	5.1	7.6
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR4	16:15:58	-	Bottom	3	2	27.10	8.30	28.1	111	7.5	5.0	7.7
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	CS(Mf)5	16:29:29	-	Surface	1	1	26.92	8.30	28.8	110.4	7.5	0.8	3.0
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	CS(Mf)5	16:30:02	-	Surface	1	2	26.92	8.31	29.0	110.5	7.5	1.0	2.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	CS(Mf)5	16:30:59	-	Middle	2	1	26.77	8.21	30.4	92.9	6.3	4.6	6.4
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	CS(Mf)5	16:32:00	-	Middle	2	2	26.77	8.21	30.4	90.1	6.1	5.1	6.9
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	CS(Mf)5	16:33:42	-	Bottom	3	1	26.77	8.19	30.5	86.1	5.8	12.1	11.1
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	CS(Mf)5	16:35:37	-	Bottom	3	2	26.77	8.19	30.5	85.5	5.8	11.4	10.5
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10B	16:51:16	-	Surface	1	1	26.82	8.19	31.2	89.8	6.0	2.4	6.6
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10B	16:51:44	-	Surface	1	2	26.83	8.20	31.2	89.2	6.0	2.1	5.6
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10B	16:53:03	-	Middle	2	1	26.82	8.20	31.2	88.6	5.9	2.5	3.6
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10B	16:53:28	-	Middle	2	2	26.83	8.20	31.2	88.5	5.9	2.8	4.1
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10B	16:54:16	-	Bottom	3	1	26.83	8.20	31.2	88.1	5.9	2.2	5.1
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10B	16:54:49	-	Bottom	3	2	26.83	8.20	31.2	88.2	5.9	3.0	5.3
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10A	17:06:26	-	Surface	1	1	26.88	8.24	30.1	97.1	6.5	0.7	3.0
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10A	17:06:53	-	Surface	1	2	26.89	8.25	30.1	98	6.6	1.0	3.8
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10A	17:08:04	-	Middle	2	1	26.81	8.21	30.8	90	6.1	2.6	5.3
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10A	17:08:45	-	Middle	2	2	26.81	8.21	30.8	89.7	6.0	2.1	6.0
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10A	17:09:47	-	Bottom	3	1	26.82	8.21	30.9	89	6.0	3.0	4.0
HKLR	HY/2011/03	2012-10-25	Mid-Flood	Sunny	SR10A	17:11:26	-	Bottom	3	2	26.82	8.21	30.9	88.7	6.0	5.2	3.9
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS5	10:14:33	-	Surface	1	1	26.44	8.14	29.2	88.5	6.0	3.5	6.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS5	10:14:58	-	Surface	1	2	26.44	8.14	29.3	87.9	6.0	3.0	5.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS5	10:16:09	-	Middle	2	1	26.45	8.13	30.0	83.9	5.7	12.7	17.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS5	10:16:39	-	Middle	2	2	26.45	8.14	29.9	84.2	5.7	11.3	16.7
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS5	10:19:08	-	Bottom	3	1	26.46	8.13	30.6	81.8	5.5	25.8	30.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS5	10:20:02	-	Bottom	3	2	26.46	8.13	30.6	81.7	5.5	29.2	31.0
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)6	10:27:56	-	Surface	1	1	26.42	8.18	28.6	93.4	6.4	3.6	10.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)6	10:28:32	-	Surface	1	2	26.42	8.18	28.7	92.6	6.4	3.1	11.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)6	10:29:53	-	Bottom	3	1	26.45	8.17	28.8	88.2	6.0	4.3	7.5
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)6	10:30:25	-	Bottom	3	2	26.44	8.17	28.8	88.1	6.0	4.3	6.6
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS7	10:36:39	-	Surface	1	1	26.44	8.18	28.6	93.3	6.4	4.2	9.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS7	10:37:07	-	Surface	1	2	26.44	8.18	28.6	93.2	6.4	4.0	8.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS7	10:37:50	-	Bottom	3	1	26.43	8.17	28.6	92.2	6.3	4.3	9.4
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS7	10:38:12	-	Bottom	3	2	26.42	8.17	28.6	91.7	6.3	4.7	7.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS8	10:51:22	-	Surface	1	1	26.46	8.17	28.5	94.2	6.5	1.5	4.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS8	10:51:55	-	Surface	1	2	26.45	8.17	28.6	93.9	6.4	2.1	6.0
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS8	10:53:08	-	Bottom	3	1	26.48	8.14	28.7	86.6	5.9	6.4	4.0
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS8	10:53:45	-	Bottom	3	2	26.47	8.15	28.7	87.2	6.0	5.0	5.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)9	10:41:25	-	Surface	1	1	26.48	8.13	28.6	88.2	6.0	3.2	6.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)9	10:42:12	-	Surface	1	2	26.48	8.13	28.6	87.7	6.0	3.3	6.4
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)9	10:43:03	-	Bottom	3	1	26.48	8.12	28.6	86.1	5.9	5.0	9.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS(Mf)9	10:43:38	-	Bottom	3	2	26.48	8.12	28.6	86.2	5.9	4.8	8.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR3	10:08:20	-	Middle	2	1	26.43	8.16	28.9	92.4	6.3	4.6	9.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR3	10:08:46	-	Middle	2	2	26.41	8.16	28.9	91.4	6.3	5.0	8.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR4	11:00:03	-	Surface	1	1	26.32	8.08	28.2	82.4	5.7	3.8	7.5
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR4	11:00:44	-	Surface	1	2	26.33	8.08	28.4	81.5	5.6	4.5	7.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR4	11:01:40	-	Bottom	3	1	26.41	8.08	28.5	79.2	5.4	6.8	10.0
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR4	11:02:06	-	Bottom	3	2	26.38	8.08	28.4	79.3	5.5	6.5	7.7
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10A	12:00:03	-	Surface	1	1	26.61	8.11	30.5	85.3	5.8	0.4	7.5
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10A	12:00:53	-	Surface	1	2	26.60	8.11	30.6	85.1	5.8	0.4	8.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10A	12:02:52	-	Middle	2	1	26.59	8.11	30.6	83.8	5.7	1.1	4.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10A	12:03:23	-	Middle	2	2	26.59	8.11	30.6	83.8	5.7	1.3	3.9
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10A	12:05:35	-	Bottom	3	1	26.60	8.11	30.6	83.5	5.6	1.5	7.9
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10A	12:06:10	-	Bottom	3	2	26.60	8.11	30.6	83.5	5.6	1.8	3.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10B	11:37:57	-	Surface	1	1	26.59	8.11	30.7	85	5.7	2.5	8.5
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10B	11:38:18	-	Surface	1	2	26.59	8.11	30.7	84.7	5.7	7.3	9.3
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10B	11:39:29	-	Middle	2	1	26.59	8.11	30.7	83.9	5.7	2.6	5.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10B	11:39:52	-	Middle	2	2	26.59	8.11	30.7	83.8	5.7	2.2	4.7
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10B	11:40:57	-	Bottom	3	1	26.59	8.11	30.7	83.3	5.6	2.1	6.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	SR10B	11:41:18	-	Bottom	3	2	26.59	8.11	30.7	83.2	5.6	2.1	6.7
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS(Mf)5	11:16:43	-	Surface	1	1	26.51	8.14	29.4	93.1	6.4	0.9	6.1
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS(Mf)5	11:17:05	-	Surface	1	2	26.51	8.14	29.4	92.8	6.3	1.0	6.5
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS(Mf)5	11:17:59	-	Middle	2	1	26.62	8.11	30.6	82.8	5.6	3.0	7.8
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS(Mf)5	11:18:39	-	Middle	2	2	26.62	8.11	30.7	81.7	5.5	3.4	5.8

HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS(Mf)5	11:19:54	-	Bottom	3	1	26.61	8.10	30.8	80.6	5.4	15.0	16.2
HKLR	HY/2011/03	2012-10-27	Mid-Ebb	Sunny	CS(Mf)5	11:20:27	-	Bottom	3	2	26.61	8.11	30.8	80.7	5.5	15.3	17.5
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS5	16:04:49	-	Surface	1	1	26.54	8.19	28.9	102.4	7.0	16.5	18.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS5	16:05:28	-	Surface	1	2	26.54	8.20	28.8	102.9	7.0	17.1	17.9
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS5	16:06:37	-	Middle	2	1	26.57	8.18	29.1	99.9	6.8	11.9	16.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS5	16:07:11	-	Middle	2	2	26.57	8.18	29.0	100.1	6.8	13.0	17.1
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS5	16:08:10	-	Bottom	3	1	26.58	8.17	29.2	96.7	6.6	15.3	18.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS5	16:08:42	-	Bottom	3	2	26.57	8.17	29.3	95.2	6.5	14.9	18.5
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)6	16:19:10	-	Surface	1	1	26.55	8.21	28.5	105.5	7.2	11.0	15.4
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)6	16:19:37	-	Surface	1	2	26.55	8.21	28.5	105.4	7.2	11.9	12.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)6	16:20:12	-	Bottom	3	1	26.56	8.21	28.5	105.2	7.2	12.4	22.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)6	16:20:45	-	Bottom	3	2	26.55	8.21	28.6	104.8	7.2	13.0	23.5
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS7	16:28:56	-	Surface	1	1	26.62	8.19	28.5	104	7.1	14.0	19.9
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS7	16:29:38	-	Surface	1	2	26.61	8.19	28.5	103.8	7.1	15.4	18.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS7	16:30:06	-	Bottom	3	1	26.61	8.19	28.5	102.9	7.0	19.2	19.6
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS7	16:30:27	-	Bottom	3	2	26.62	8.19	28.5	103.8	7.1	14.7	21.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS8	16:47:32	-	Surface	1	1	26.59	8.12	28.9	90.1	6.2	11.0	14.1
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS8	16:47:55	-	Surface	1	2	26.59	8.12	29.0	90.1	6.1	9.9	13.1
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS8	16:48:51	-	Bottom	3	1	26.59	8.12	29.0	88.9	6.1	13.9	13.6
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS8	16:49:19	-	Bottom	3	2	26.59	8.12	29.0	88.7	6.1	12.2	13.6
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)9	16:37:26	-	Surface	1	1	26.61	8.13	28.8	94.1	6.4	15.8	13.4
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)9	16:37:59	-	Surface	1	2	26.62	8.14	28.8	94.3	6.4	11.3	15.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)9	16:38:33	-	Bottom	3	1	26.60	8.12	28.9	91.8	6.3	16.6	18.4
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS(Mf)9	16:39:05	-	Bottom	3	2	26.61	8.13	28.9	91	6.2	16.5	18.1
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR3	15:56:22	-	Middle	2	1	26.60	8.16	28.4	101.3	6.9	14.3	17.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR3	15:56:58	-	Middle	2	2	26.61	8.17	29.1	101.5	6.9	15.7	19.3
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR4	16:55:43	-	Surface	1	1	26.56	8.10	28.7	85.4	5.8	18.6	23.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR4	16:56:12	-	Surface	1	2	26.57	8.09	28.6	84.8	5.8	20.5	26.0
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR4	16:56:55	-	Bottom	3	1	26.56	8.10	28.7	85	5.8	19.0	22.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR4	16:57:25	-	Bottom	3	2	26.56	8.10	28.7	84.9	5.8	19.0	19.6
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10A	17:47:00	-	Surface	1	1	26.66	8.11	30.1	87.5	5.9	3.3	6.1
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10A	17:47:28	-	Surface	1	2	26.66	8.11	30.1	87	5.9	4.0	4.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10A	17:48:38	-	Middle	2	1	26.63	8.11	30.9	83.2	5.6	4.9	9.4
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10A	17:49:07	-	Middle	2	2	26.63	8.11	30.9	83	5.6	5.0	6.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10A	17:50:22	-	Bottom	3	1	26.63	8.11	31.0	82.8	5.6	7.9	10.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10A	17:50:55	-	Bottom	3	2	26.63	8.11	31.0	82.8	5.6	5.5	10.4
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10B	17:33:42	-	Surface	1	1	26.61	8.10	31.2	84.3	5.7	8.4	12.0
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10B	17:34:08	-	Surface	1	2	26.61	8.10	31.0	84	5.7	8.8	13.6
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10B	17:35:16	-	Middle	2	1	26.61	8.11	31.1	83.4	5.6	9.5	14.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10B	17:35:59	-	Middle	2	2	26.61	8.11	31.1	83.1	5.6	8.8	15.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10B	17:36:43	-	Bottom	3	1	26.61	8.11	31.1	82.8	5.6	9.2	12.0
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	SR10B	17:37:12	-	Bottom	3	2	26.61	8.11	31.1	82.9	5.6	9.5	14.4
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS(Mf)5	17:09:56	-	Surface	1	1	26.56	8.14	29.3	94.6	6.4	1.3	6.6
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS(Mf)5	17:10:25	-	Surface	1	2	26.55	8.15	29.4	94.6	6.4	1.1	8.0
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS(Mf)5	17:11:34	-	Middle	2	1	26.62	8.10	30.3	83.3	5.6	7.0	6.0
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS(Mf)5	17:12:03	-	Middle	2	2	26.62	8.10	30.3	82.2	5.6	6.6	7.2
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS(Mf)5	17:13:16	-	Bottom	3	1	26.62	8.10	30.6	80.1	5.4	22.9	28.8
HKLR	HY/2011/03	2012-10-27	Mid-Flood	Sunny	CS(Mf)5	17:13:51	-	Bottom	3	2	26.62	8.10	30.6	80	5.4	19.4	30.7
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS5	11:35:57	-	Surface	1	1	25.80	8.09	30.0	87.3	6.0	13.2	13.9
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS5	11:36:40	-	Surface	1	2	25.79	8.10	30.0	87.3	6.0	12.7	13.9
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS5	11:37:36	-	Middle	2	1	25.80	8.10	30.2	86.3	5.9	18.5	13.1
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS5	11:38:23	-	Middle	2	2	25.80	8.10	30.2	86.2	5.9	16.1	13.8
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS5	11:39:21	-	Bottom	3	1	25.80	8.10	30.3	85.2	5.8	23.0	21.4
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS5	11:40:36	-	Bottom	3	2	25.80	8.10	30.2	85	5.8	27.5	22.2
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)6	11:56:56	-	Surface	1	1	25.69	8.10	29.4	91.5	6.3	10.8	12.9
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)6	11:57:45	-	Surface	1	2	25.69	8.11	29.4	91.1	6.3	10.9	11.2
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)6	11:58:24	-	Bottom	3	1	25.71	8.11	29.5	90.3	6.2	11.3	12.6
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)6	11:58:56	-	Bottom	3	2	25.71	8.11	29.8	90	6.2	12.5	12.2
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS7	12:08:03	-	Surface	1	1	25.75	8.10	29.5	91.2	6.3	9.8	11.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS7	12:08:34	-	Surface	1	2	25.74	8.11	29.7	90.9	6.3	10.9	11.7
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS7	12:08:58	-	Bottom	3	1	25.74	8.10	29.8	90.3	6.2	11.5	13.4
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS7	12:09:28	-	Bottom	3	2	25.74	8.10	29.8	89.9	6.2	12.1	14.3
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS8	12:27:13	-	Surface	1	1	25.90	8.10	30.0	89.6	6.2	9.2	7.2
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS8	12:27:40	-	Surface	1	2	25.88	8.11	30.0	89.6	6.2	7.1	8.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS8	12:28:25	-	Bottom	3	1	25.99	8.10	30.3	86.6	5.9	14.0	16.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS8	12:28:59	-	Bottom	3	2	25.98	8.10	30.3	86	5.9	14.1	16.8
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)9	12:16:10	-	Surface	1	1	25.90	8.11	30.0	90.6	6.2	7.6	7.1
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)9	12:16:54	-	Surface	1	2	25.90	8.11	30.0	90.2	6.2	7.4	7.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)9	12:17:32	-	Bottom	3	1	25.94	8.12	30.3	89.9	6.2	9.6	9.0
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS(Mf)9	12:18:03	-	Bottom	3	2	25.93	8.12	30.3	90.3	6.2	8.3	9.3
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR3	11:27:25	-	Middle	2	1	25.70	8.06	29.7	87.4	6.0	15.4	15.0
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR3	11:28:18	-	Middle	2	2	25.70	8.08	29.8	87.4	6.0	13.4	15.7
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR4	12:37:15	-	Surface	1	1	25.66	8.05	29.4	86.7	6.0	9.9	8.1
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR4	12:37:44	-	Surface	1	2	25.71	8.06	29.5	85.7	5.9	10.5	7.4
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--		--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--		--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR4	12:38:15	-	Bottom	3	1	25.79	8.06	29.7	85	5.9	12.7	13.9
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR4	12:38:48	-	Bottom	3	2	25.75	8.06	29.7	84.8	5.8	12.9	13.3
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10A	13:26:51	-	Surface	1	1	26.27	8.10	31.1	83.3	5.7	4.8	6.2
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10A	13:27:36	-	Surface	1	2	26.27	8.10	31.2	82.5	5.6	4.7	5.4
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10A	13:29:09	-	Middle	2	1	26.28	8.10	31.2	82.4	5.6	5.1	7.0
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10A	13:29:45	-	Middle	2	2	26.28	8.11	31.2	82.8	5.6	5.3	7.0
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10A	13:30:35	-	Bottom	3	1	26.28	8.10	31.3	82.5	5.6	5.9	7.6
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10A	13:31:20	-	Bottom	3	2	26.28	8.10	31.3	81.7	5.5	5.2	8.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10B	13:14:12	-	Surface	1	1	26.27	8.10	31.3	84.8	5.7	5.4	6.7
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10B	13:14:42	-	Surface	1	2	26.27	8.11	31.3	84.3	5.7	6.0	7.9
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10B	13:16:00	-	Middle	2	1	26.27	8.11	31.3	83.6	5.7	6.3	7.3
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10B	13:16:49	-	Middle	2	2	26.27	8.11	31.3	83.5	5.7	6.1	7.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10B	13:17:46	-	Bottom	3	1	26.27	8.11	31.3	83.1	5.6	6.4	7.6
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	SR10B	13:18:14	-	Bottom	3	2	26.27	8.11	31.3	83	5.6	6.2	6.8
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS(Mf)5	12:52:33	-	Surface	1	1	26.12	8.11	30.0	88.9	6.1	4.4	5.3
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS(Mf)5	12:53:07	-	Surface	1	2	26.10	8.11	29.9	89	6.1	4.1	5.3
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS(Mf)5	12:54:11	-	Middle	2	1	26.25	8.10	31.0	84.3	5.7	4.6	6.5
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS(Mf)5	12:54:53	-	Middle	2	2	26.26	8.10	31.0	83.5	5.7	4.3	5.7
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS(Mf)5	12:56:34	-	Bottom	3	1	26.30	8.10	31.3	81	5.5	23.3	18.0
HKLR	HY/2011/03	2012-10-30	Mid-Ebb	Sunny	CS(Mf)5	12:57:01	-	Bottom	3	2	26.30	8.10	31.3	81	5.5	21.7	16.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS5	6:56:09	-	Surface	1	1	25.81	8.06	29.9	89.6	6.2	12.3	16.0
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS5	6:56:52	-	Surface	1	2	25.79	8.06	29.8	89.1	6.1	16.0	15.2
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS5	6:58:24	-	Middle	2	1	25.83	8.09	30.0	88.5	6.1	11.3	12.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS5	6:59:04	-	Middle	2	2	25.83	8.09	30.0	88.5	6.1	11.3	11.0

HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS5	7:00:16	-	Bottom	3	1	25.88	8.09	30.3	87.4	6.0	10.2	13.9
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS5	7:01:33	-	Bottom	3	2	25.86	8.09	30.2	87.5	6.0	11.2	13.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)6	7:14:40	-	Surface	1	1	25.78	8.09	30.1	89.7	6.2	11.7	11.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)6	7:15:25	-	Surface	1	2	25.79	8.09	30.1	89.5	6.2	11.0	12.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)6	7:16:04	-	Bottom	3	1	25.79	8.09	30.1	89.3	6.1	11.4	13.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)6	7:16:34	-	Bottom	3	2	25.79	8.09	30.1	89.2	6.1	11.4	13.5
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS7	7:30:21	-	Surface	1	1	25.92	8.08	30.1	89.7	6.2	13.1	14.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS7	7:30:57	-	Surface	1	2	25.92	8.08	30.2	89	6.1	13.0	15.9
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS7	7:31:48	-	Bottom	3	1	25.92	8.08	30.2	88.6	6.1	15.4	16.2
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS7	7:32:41	-	Bottom	3	2	25.92	8.08	30.2	88.6	6.1	13.8	14.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS8	7:52:14	-	Surface	1	1	26.01	8.08	30.3	88.8	6.1	11.3	15.2
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS8	7:52:58	-	Surface	1	2	26.00	8.08	30.3	88.6	6.1	11.5	15.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS8	7:53:51	-	Bottom	3	1	26.01	8.09	30.3	88.2	6.0	13.1	15.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS8	7:54:33	-	Bottom	3	2	26.01	8.09	30.3	88.2	6.0	12.7	14.5
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)9	7:41:07	-	Surface	1	1	26.01	8.08	30.3	88.7	6.1	14.0	36.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)9	7:41:40	-	Surface	1	2	26.01	8.08	30.3	88.7	6.1	13.4	35.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)9	7:42:40	-	Bottom	3	1	26.02	8.08	30.3	87.8	6.0	34.0	42.2
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS(Mf)9	7:43:29	-	Bottom	3	2	26.02	8.08	30.3	87.9	6.0	31.4	41.2
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR3	6:48:47	-	Middle	2	1	25.81	8.04	29.1	88.2	6.1	13.3	14.5
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR3	6:49:23	-	Middle	2	2	25.81	8.05	29.7	87.7	6.0	14.2	13.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR4	8:02:36	-	Surface	1	1	26.09	8.08	30.4	87.5	6.0	21.3	24.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR4	8:03:06	-	Surface	1	2	26.09	8.08	30.4	87	5.9	22.4	25.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR4	8:04:07	-	Bottom	3	1	26.07	8.09	30.5	87.3	6.0	20.8	24.6
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR4	8:05:00	-	Bottom	3	2	26.07	8.08	30.5	86.9	5.9	21.6	25.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10A	9:00:05	-	Surface	1	1	26.29	8.07	31.3	82.7	5.6	13.5	5.7
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10A	9:00:33	-	Surface	1	2	26.25	8.07	31.1	81.1	5.5	5.2	6.4
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10A	9:01:35	-	Middle	2	1	26.29	8.08	31.4	81.4	5.5	8.0	11.4
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10A	9:02:09	-	Middle	2	2	26.29	8.08	31.4	81	5.5	8.4	10.2

HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10A	9:04:21	-	Bottom	3	1	26.29	8.09	31.5	81.8	5.5	14.5	13.5
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10A	9:04:57	-	Bottom	3	2	26.29	8.09	31.5	81.9	5.5	12.4	13.3
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10B	8:46:49	-	Surface	1	1	26.25	8.09	31.6	84.4	5.7	12.0	14.0
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10B	8:47:13	-	Surface	1	2	26.25	8.09	31.7	84	5.7	12.0	13.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10B	8:47:57	-	Middle	2	1	26.25	8.09	31.7	83.5	5.6	10.9	13.5
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10B	8:48:32	-	Middle	2	2	26.25	8.09	31.7	83.5	5.6	11.2	12.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10B	8:49:22	-	Bottom	3	1	26.25	8.09	31.7	82.9	5.6	12.7	13.1
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	SR10B	8:50:01	-	Bottom	3	2	26.25	8.09	31.7	82.8	5.6	12.8	12.9
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS(Mf)5	8:19:13	-	Surface	1	1	26.29	8.07	31.2	84.5	5.7	4.3	6.3
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS(Mf)5	8:19:44	-	Surface	1	2	26.30	8.07	31.2	83.7	5.7	4.7	6.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS(Mf)5	8:20:38	-	Middle	2	1	26.31	8.08	31.3	82.7	5.6	7.0	10.8
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS(Mf)5	8:21:10	-	Middle	2	2	26.31	8.08	31.3	82.5	5.6	7.4	9.6
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS(Mf)5	8:22:35	-	Bottom	3	1	26.31	8.08	31.3	81.9	5.5	18.6	17.3
HKLR	HY/2011/03	2012-10-30	Mid-Flood	Sunny	CS(Mf)5	8:23:11	-	Bottom	3	2	26.31	8.08	31.3	81.9	5.5	18.7	16.2
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS5	12:53:17	-	Surface	1	1	24.62	8.08	30.5	87.6	6.1	9.5	13
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS5	12:53:46	-	Surface	1	2	24.62	8.09	30.5	87.6	6.1	8.5	12.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS5	12:54:33	-	Middle	2	1	24.58	8.10	30.6	87.3	6.1	11.1	28.8
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS5	12:55:00	-	Middle	2	2	24.54	8.11	30.7	86.9	6.1	13.2	28.9
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS5	12:56:17	-	Bottom	3	1	24.46	8.11	30.8	85.9	6.0	31.1	31.4
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS5	12:57:08	-	Bottom	3	2	24.48	8.12	30.8	86.1	6.0	33.1	30.7
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)6	13:05:15	-	Surface	1	1	24.44	8.08	30.3	85.8	6.0	13.1	14.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)6	13:05:54	-	Surface	1	2	24.43	8.09	30.3	84.9	6.0	16.7	15.1
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)6	13:06:39	-	Bottom	3	1	24.41	8.09	30.4	84.4	5.9	20.4	24.2
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)6	13:07:07	-	Bottom	3	2	24.42	8.09	30.4	84.3	5.9	19.8	23.4
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS7	13:13:55	-	Surface	1	1	25.06	8.10	30.0	91.3	6.4	4.6	6.6
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS7	13:14:24	-	Surface	1	2	25.08	8.11	30.0	91	6.3	4.0	6.6
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS7	13:15:20	-	Bottom	3	1	24.28	8.11	30.1	89.4	6.3	6.4	9.6
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS7	13:15:55	-	Bottom	3	2	24.27	8.11	30.1	89.7	6.3	6.3	8.7
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS8	13:32:32	-	Surface	1	1	25.04	8.10	30.3	88.6	6.2	10.2	10.8
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS8	13:33:10	-	Surface	1	2	25.00	8.10	30.3	88.3	6.1	9.8	10.5
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS8	13:33:53	-	Bottom	3	1	24.73	8.10	30.5	85.5	6.0	16.4	19.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS8	13:34:45	-	Bottom	3	2	24.73	8.10	30.5	84.6	5.9	18.6	21.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)9	13:22:55	-	Surface	1	1	25.06	8.11	30.0	93	6.5	5.0	8.2
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)9	13:23:23	-	Surface	1	2	25.11	8.11	30.0	92.7	6.5	5.2	8.5
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)9	13:25:25	-	Bottom	3	1	24.80	8.11	30.5	87.7	6.1	11.1	10.2
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS(Mf)9	13:26:01	-	Bottom	3	2	24.75	8.11	30.3	88	6.2	9.0	10.2
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR3	12:46:28	-	Middle	2	1	24.87	8.07	30.3	90.3	6.3	6.5	11.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR3	12:47:19	-	Middle	2	2	24.88	8.08	30.3	89.2	6.2	7.4	10.8
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR4	13:39:55	-	Surface	1	1	25.30	8.09	30.0	88.4	6.1	9.8	12.4
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR4	13:40:30	-	Surface	1	2	25.28	8.08	30.1	87.7	6.1	10.1	11.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR4	13:40:57	-	Bottom	3	1	25.17	8.09	30.4	86.8	6.0	11.8	17
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR4	13:41:36	-	Bottom	3	2	25.14	8.09	30.4	86	6.0	14.0	16.6
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10A	14:29:32	-	Surface	1	1	25.61	8.12	31.9	85.3	5.8	4.0	7.7
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10A	14:30:23	-	Surface	1	2	25.61	8.13	32.0	84.3	5.8	4.1	6.1
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10A	14:31:14	-	Middle	2	1	25.62	8.13	32.0	83.8	5.7	4.1	9.1
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10A	14:31:53	-	Middle	2	2	25.61	8.13	32.0	83.8	5.7	4.8	9.3
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10A	14:33:06	-	Bottom	3	1	25.61	8.13	32.0	83.4	5.7	6.2	8.4
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10A	14:33:53	-	Bottom	3	2	25.61	8.13	32.0	83.4	5.7	5.3	7.8
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10B	14:14:13	-	Surface	1	1	25.63	8.14	32.0	85.5	5.8	6.8	9.6
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10B	14:14:48	-	Surface	1	2	25.63	8.14	32.0	84.9	5.8	6.3	9.8
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10B	14:16:03	-	Middle	2	1	25.64	8.14	32.1	84.2	5.7	8.3	13
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10B	14:16:45	-	Middle	2	2	25.63	8.14	32.1	83.9	5.7	7.8	14.9
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10B	14:17:35	-	Bottom	3	1	25.63	8.14	32.1	83.6	5.7	7.7	11.2
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	SR10B	14:18:24	-	Bottom	3	2	25.64	8.14	32.1	83.6	5.7	7.5	10
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS(Mf)5	13:53:47	-	Surface	1	1	25.86	8.12	31.6	88.6	6.0	1.9	4.7
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS(Mf)5	13:54:23	-	Surface	1	2	25.86	8.13	31.8	87.4	5.9	2.6	5.1
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS(Mf)5	13:55:47	-	Middle	2	1	25.62	8.13	31.9	83.7	5.7	2.8	5.6
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS(Mf)5	13:56:31	-	Middle	2	2	25.62	8.13	31.9	83.6	5.7	2.8	5.4
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS(Mf)5	13:57:49	-	Bottom	3	1	25.61	8.13	31.9	83.1	5.7	6.2	7.8
HKLR	HY/2011/03	2012-11-01	Mid-Ebb	Sunny	CS(Mf)5	13:58:39	-	Bottom	3	2	25.61	8.13	32.0	83.2	5.7	7.0	7.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS5	8:01:42	-	Surface	1	1	24.10	8.08	30.0	86.6	6.1	14.5	14.2
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS5	8:02:10	-	Surface	1	2	24.04	8.08	30.1	85.8	6.1	14.1	15.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS5	8:03:17	-	Middle	2	1	24.23	8.09	30.3	85	6.0	12.9	15
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS5	8:03:41	-	Middle	2	2	24.28	8.10	30.3	84.9	6.0	11.1	15.7
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS5	8:04:39	-	Bottom	3	1	24.39	8.11	30.4	84.1	5.9	13.3	18
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS5	8:05:14	-	Bottom	3	2	24.39	8.11	30.4	83.9	5.9	13.4	17.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)6	8:13:46	-	Surface	1	1	24.07	8.10	30.3	87.3	6.2	10.6	20.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)6	8:14:31	-	Surface	1	2	24.09	8.11	30.3	86.2	6.1	10.7	20.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)6	8:15:01	-	Bottom	3	1	24.19	8.11	30.4	85.8	6.1	14.9	14
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)6	8:15:28	-	Bottom	3	2	24.19	8.11	30.4	85.6	6.0	15.4	15.9
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS7	8:23:28	-	Surface	1	1	24.18	8.11	30.4	87	6.1	14.4	20.2
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS7	8:24:00	-	Surface	1	2	24.19	8.11	30.4	86.3	6.1	14.6	20.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS7	8:24:44	-	Bottom	3	1	24.19	8.11	30.4	85.7	6.0	18.5	18.5
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS7	8:25:19	-	Bottom	3	2	24.20	8.11	30.4	85.5	6.0	18.4	18.9
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS8	8:43:00	-	Surface	1	1	24.63	8.11	30.4	87.9	6.2	14.7	22.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS8	8:43:38	-	Surface	1	2	24.63	8.11	30.4	87.5	6.1	15.1	22
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS8	8:45:00	-	Bottom	3	1	24.65	8.11	30.4	86.6	6.1	29.8	38.7
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS8	8:45:49	-	Bottom	3	2	24.64	8.11	30.4	86.4	6.1	32.6	38.9
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)9	8:32:09	-	Surface	1	1	24.62	8.10	30.4	87.8	6.2	15.9	22.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)9	8:32:49	-	Surface	1	2	24.61	8.11	29.8	87	6.1	16.0	20.6
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)9	8:33:30	-	Bottom	3	1	24.60	8.11	30.4	86.5	6.1	20.4	24.8
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS(Mf)9	8:34:08	-	Bottom	3	2	24.59	8.11	30.4	86.3	6.0	22.9	23.2
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR3	7:53:24	-	Middle	2	1	24.17	8.08	30.2	85.3	6.0	11.3	18.6
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR3	7:54:15	-	Middle	2	2	24.18	8.09	30.2	84.9	6.0	12.9	18.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR4	8:52:48	-	Surface	1	1	24.77	8.09	30.5	86.3	6.0	26.2	32.8
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR4	8:53:22	-	Surface	1	2	24.77	8.10	30.5	85.9	6.0	27.9	34.5
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR4	8:54:06	-	Bottom	3	1	24.77	8.10	30.5	85.7	6.0	23.6	28.8
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR4	8:54:57	-	Bottom	3	2	24.77	8.10	30.5	85.5	6.0	22.1	30.2
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10A	9:47:18	-	Surface	1	1	25.26	8.11	31.6	85.4	5.9	2.7	7.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10A	9:48:18	-	Surface	1	2	25.24	8.11	31.5	83.9	5.8	2.7	7.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10A	9:48:58	-	Middle	2	1	25.53	8.13	31.9	83	5.7	4.4	7.5
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10A	9:50:02	-	Middle	2	2	25.53	8.13	31.9	82.5	5.6	4.7	8.3
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10A	9:50:59	-	Bottom	3	1	25.56	8.13	32.0	82.4	5.6	12.0	14
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10A	9:51:41	-	Bottom	3	2	25.56	8.13	32.0	82.5	5.6	10.7	14.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10B	9:31:31	-	Surface	1	1	25.59	8.14	32.1	86.2	5.9	13.4	17.9
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10B	9:32:00	-	Surface	1	2	25.59	8.14	32.2	85	5.8	13.3	19.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10B	9:33:35	-	Middle	2	1	25.59	8.15	32.2	83.8	5.7	13.2	17.2
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10B	9:34:06	-	Middle	2	2	25.59	8.15	32.2	83.8	5.7	12.4	16.7

HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10B	9:35:05	-	Bottom	3	1	25.59	8.14	32.2	83.5	5.7	12.6	16.1
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	SR10B	9:36:09	-	Bottom	3	2	25.59	8.14	32.2	83.4	5.7	13.0	16.2
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS(Mf)5	9:08:45	-	Surface	1	1	25.48	8.12	31.7	86	5.9	5.3	16.5
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS(Mf)5	9:09:14	-	Surface	1	2	25.48	8.12	31.8	85.6	5.9	6.3	15.6
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS(Mf)5	9:10:33	-	Middle	2	1	25.52	8.13	31.8	83.8	5.7	9.2	14.6
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS(Mf)5	9:11:06	-	Middle	2	2	25.52	8.13	31.8	83.7	5.7	9.8	13.4
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS(Mf)5	9:11:58	-	Bottom	3	1	25.52	8.13	31.8	83.1	5.7	16.0	22.8
HKLR	HY/2011/03	2012-11-01	Mid-Flood	Sunny	CS(Mf)5	9:12:35	-	Bottom	3	2	25.52	8.13	31.8	82.9	5.7	17.4	22.6
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS5	13:45:17	-	Surface	1	1	24.68	8.09	31.2	88.9	6.2	11.7	15.9
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS5	13:46:01	-	Surface	1	2	24.67	8.09	31.3	88.4	6.2	12.9	18.2
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS5	13:46:52	-	Middle	2	1	24.57	8.10	31.3	86.7	6.0	16.0	17.9
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS5	13:47:32	-	Middle	2	2	24.58	8.10	31.3	86.6	6.0	15.1	18.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS5	13:48:23	-	Bottom	3	1	24.54	8.11	31.3	85.9	6.0	20.8	16.3
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS5	13:49:01	-	Bottom	3	2	24.54	8.11	31.3	85.7	6.0	21.2	15.1
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)6	13:57:49	-	Surface	1	1	24.83	8.13	31.1	94.6	6.6	11.1	13.6
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)6	13:58:44	-	Surface	1	2	24.83	8.13	31.1	94.5	6.6	11.0	13.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)6	14:00:05	-	Bottom	3	1	24.83	8.13	31.1	93.9	6.5	11.8	13.5
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)6	14:00:38	-	Bottom	3	2	24.83	8.13	31.1	93.6	6.5	13.1	14.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS7	14:09:11	-	Surface	1	1	24.91	8.13	31.1	93.9	6.5	11.0	13.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS7	14:09:31	-	Surface	1	2	24.91	8.13	31.1	93.7	6.5	11.4	13.5
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS7	14:11:09	-	Bottom	3	1	24.90	8.13	31.1	93.2	6.5	11.0	18.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS7	14:11:49	-	Bottom	3	2	24.90	8.13	31.1	93.2	6.5	11.4	17.5
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS8	14:33:08	-	Surface	1	1	25.14	8.14	31.0	95.4	6.6	5.5	6.7
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS8	14:33:55	-	Surface	1	2	25.14	8.15	31.0	95.4	6.6	5.1	7.1
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS8	14:34:41	-	Bottom	3	1	25.12	8.15	31.0	94.2	6.5	5.6	7.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS8	14:35:31	-	Bottom	3	2	25.10	8.14	31.0	94	6.5	6.2	6.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)9	14:27:10	-	Surface	1	1	24.91	8.13	30.8	93.7	6.5	7.6	10.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)9	14:19:27	-	Surface	1	2	24.89	8.13	30.9	92.8	6.5	7.8	9.6
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)9	14:21:05	-	Bottom	3	1	24.89	8.13	30.9	92.4	6.4	8.1	13.2
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS(Mf)9	14:21:38	-	Bottom	3	2	24.89	8.13	30.9	93.8	6.4	8.1	12
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR3	13:38:09	-	Middle	2	1	25.18	8.09	31.3	95.6	6.6	12.1	12.3
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR3	13:39:14	-	Middle	2	2	25.18	8.11	31.2	95.1	6.6	10.9	13.5

HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR4	14:43:24	-	Surface	1	1	25.42	8.10	30.6	93.1	6.4	7.3	10.3
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR4	14:44:16	-	Surface	1	2	25.41	8.10	30.7	92.5	6.4	8.1	9.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR4	14:45:09	-	Bottom	3	1	25.17	8.09	30.8	88	6.1	10.1	10.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR4	14:45:50	-	Bottom	3	2	25.16	8.09	30.8	87.2	6.0	10.2	11.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10A	15:34:21	-	Surface	1	1	25.36	8.11	31.9	84.2	5.8	7.3	9.7
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10A	15:35:01	-	Surface	1	2	25.36	8.12	31.9	83	5.7	7.3	9
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10A	15:36:01	-	Middle	2	1	25.36	8.12	32.0	82.4	5.6	6.8	7.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10A	15:36:31	-	Middle	2	2	25.36	8.12	32.0	82.6	5.7	6.8	8.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10A	15:37:13	-	Bottom	3	1	25.37	8.12	32.0	82.5	5.7	7.9	10
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10A	15:37:49	-	Bottom	3	2	25.37	8.12	32.0	82.8	5.7	7.3	9.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10B	15:18:46	-	Surface	1	1	25.36	8.12	31.9	84.8	5.8	8.8	9.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10B	15:19:20	-	Surface	1	2	25.37	8.12	31.9	84	5.8	9.0	9.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10B	15:19:56	-	Middle	2	1	25.37	8.12	31.9	83.5	5.7	8.2	10.2
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10B	15:20:58	-	Middle	2	2	25.37	8.12	31.9	83.3	5.7	8.6	10.1
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10B	15:21:57	-	Bottom	3	1	25.37	8.12	31.9	82.9	5.7	8.6	12.6
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	SR10B	15:23:04	-	Bottom	3	2	25.37	8.12	31.9	82.8	5.7	8.5	11.4
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS(Mf)5	14:57:59	-	Surface	1	1	25.35	8.12	31.6	88	6.0	4.8	7.8
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS(Mf)5	14:58:36	-	Surface	1	2	25.35	8.12	31.6	87.3	6.0	5.2	8.1
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS(Mf)5	14:59:15	-	Middle	2	1	25.38	8.12	31.6	85.6	5.9	5.4	8.2
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS(Mf)5	14:59:59	-	Middle	2	2	25.38	8.12	31.6	85.3	5.9	5.3	7.1
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS(Mf)5	15:01:11	-	Bottom	3	1	25.41	8.12	31.9	82.9	5.7	6.8	7.7
HKLR	HY/2011/03	2012-11-03	Mid-Ebb	Sunny	CS(Mf)5	15:01:59	-	Bottom	3	2	25.41	8.12	31.9	82.7	5.7	8.0	7.4
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS5	8:52:27	-	Surface	1	1	24.36	8.08	31.2	89.3	6.3	14.3	16.1
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS5	8:53:12	-	Surface	1	2	24.36	8.08	31.2	88.5	6.2	15.3	17.8
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS5	8:54:49	-	Middle	2	1	24.42	8.11	31.3	88	6.1	12.4	17
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS5	8:55:25	-	Middle	2	2	24.40	8.11	31.3	88.1	6.2	11.9	16.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS5	8:56:30	-	Bottom	3	1	24.53	8.11	31.5	86.4	6.0	14.1	14.1
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS5	8:58:17	-	Bottom	3	2	24.51	8.11	31.5	86.5	6.0	13.5	14.5
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)6	9:07:46	-	Middle	2	1	24.40	8.11	31.3	90.2	6.3	17.2	27
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)6	9:08:48	-	Middle	2	2	24.40	8.11	31.3	89.6	6.3	21.4	28.3
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS7	9:15:35	-	Surface	1	1	24.53	8.11	31.1	91	6.4	12.6	12.7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS7	9:16:15	-	Surface	1	2	24.55	8.11	31.2	90.3	6.3	11.3	14.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS7	9:16:51	-	Bottom	3	1	24.51	8.11	31.2	90	6.3	12.3	15.7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS7	9:17:31	-	Bottom	3	2	24.51	8.11	31.2	89.9	6.3	12.0	15
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS8	9:37:16	-	Surface	1	1	24.57	8.09	30.9	87.5	6.1	9.7	13.3
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS8	9:37:59	-	Surface	1	2	24.57	8.09	30.9	87.1	6.1	9.4	14.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS8	9:39:17	-	Bottom	3	1	24.55	8.09	30.9	86.5	6.0	12.2	13
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS8	9:39:51	-	Bottom	3	2	24.57	8.09	30.9	86.6	6.1	10.6	13.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)9	9:24:41	-	Surface	1	1	24.74	8.10	30.9	89.1	6.2	17.4	18.1
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)9	9:25:34	-	Surface	1	2	24.74	8.10	31.0	88.4	6.2	16.3	18.1
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)9	9:26:44	-	Bottom	3	1	24.74	8.10	31.0	87.7	6.1	20.5	22.6
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS(Mf)9	9:27:30	-	Bottom	3	2	24.73	8.10	31.0	87.5	6.1	20.6	21.9
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR3	8:43:59	-	Middle	2	1	24.43	8.07	31.1	88.3	6.2	13.2	15.7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR3	8:44:52	-	Middle	2	2	24.43	8.08	31.2	87.9	6.1	13.2	16.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR4	9:49:40	-	Surface	1	1	24.60	8.07	30.9	85.8	6.0	16.8	20.6
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR4	9:50:18	-	Surface	1	2	24.59	8.07	30.9	85.2	6.0	16.2	20.7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR4	9:51:33	-	Bottom	3	1	24.63	8.09	30.9	85.7	6.0	13.6	20.1
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR4	9:52:45	-	Bottom	3	2	24.62	8.08	30.9	85.7	6.0	13.3	18.6
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10A	10:44:16	-	Surface	1	1	25.33	8.09	31.7	82.5	5.7	3.5	7.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10A	10:44:57	-	Surface	1	2	25.32	8.09	31.8	88.1	6.0	3.7	6.7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10A	10:45:39	-	Middle	2	1	25.30	8.10	31.9	81.5	5.6	6.5	9.4
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10A	10:46:21	-	Middle	2	2	25.30	8.10	31.9	81.4	5.6	6.8	9.3
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10A	10:47:14	-	Bottom	3	1	25.30	8.11	32.0	81.9	5.6	10.0	15.7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10A	10:47:59	-	Bottom	3	2	25.30	8.11	32.0	81.8	5.6	12.3	14
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10B	10:30:04	-	Surface	1	1	25.35	8.11	32.0	83.5	5.7	8.7	13.5
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10B	10:30:42	-	Surface	1	2	25.35	8.11	32.1	83.2	5.7	9.5	14.2
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10B	10:31:37	-	Middle	2	1	25.34	8.11	32.1	82.6	5.7	9.1	15
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10B	10:32:26	-	Middle	2	2	25.34	8.11	32.1	82.5	5.7	9.9	14.4
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10B	10:33:16	-	Bottom	3	1	25.34	8.11	32.1	82.3	5.6	8.9	15
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	SR10B	10:33:56	-	Bottom	3	2	25.35	8.11	32.1	82.1	5.6	8.5	14.6
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS(Mf)5	10:06:20	-	Surface	1	1	25.21	8.10	31.3	87.5	6.0	3.9	7
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS(Mf)5	10:06:58	-	Surface	1	2	25.20	8.10	31.5	86.2	5.9	3.7	8.3
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS(Mf)5	10:08:09	-	Middle	2	1	25.23	8.10	31.7	83.7	5.8	20.2	20.4
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS(Mf)5	10:08:53	-	Middle	2	2	25.23	8.11	31.7	83.4	5.7	21.2	21.6
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS(Mf)5	10:11:01	-	Bottom	3	1	25.23	8.10	31.7	82.7	5.7	30.7	25.3
HKLR	HY/2011/03	2012-11-03	Mid-Flood	Sunny	CS(Mf)5	10:12:07	-	Bottom	3	2	25.23	8.11	31.7	82.7	5.7	29.6	24.4
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS5	14:59:34	-	Surface	1	1	25.00	8.11	30.6	91.8	6.4	9.7	13.3
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS5	15:00:14	-	Surface	1	2	24.97	8.12	30.7	91.3	6.3	10.7	12.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS5	15:01:01	-	Middle	2	1	24.90	8.13	30.7	89.7	6.2	12.2	13.4
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS5	15:01:44	-	Middle	2	2	24.88	8.13	30.7	89.5	6.2	11.8	13.4
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS5	15:02:57	-	Bottom	3	1	24.83	8.13	30.7	88.2	6.1	17.5	17.2
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS5	15:03:35	-	Bottom	3	2	24.83	8.13	30.7	87.9	6.1	20.6	16.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)6	15:10:34	-	Surface	1	1	25.23	8.16	30.4	99.4	6.9	4.2	12.2
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)6	15:11:30	-	Surface	1	2	25.29	8.17	30.3	99.8	6.9	3.1	12.1
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)6	15:12:16	-	Bottom	3	1	24.90	8.14	30.6	93.9	6.5	8.7	11.6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)6	15:12:56	-	Bottom	3	2	24.88	8.14	30.6	92.1	6.4	10.4	10.6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS7	15:19:48	-	Surface	1	1	25.48	8.17	30.1	102.1	7.1	2.1	5.5
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS7	15:20:39	-	Surface	1	2	25.46	8.17	30.1	102	7.1	1.7	5.4
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS7	15:21:42	-	Bottom	3	1	25.26	8.16	30.2	99	6.9	9.1	17.3
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS7	15:22:20	-	Bottom	3	2	25.33	8.17	30.2	99.7	6.9	7.9	17.9
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS8	15:37:13	-	Surface	1	1	25.20	8.16	29.9	99.5	6.9	1.2	5.6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS8	15:37:48	-	Surface	1	2	25.21	8.16	29.9	99.4	6.9	1.3	6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS8	15:38:39	-	Bottom	3	1	24.98	8.14	30.1	94.2	6.6	5.3	5.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS8	15:39:31	-	Bottom	3	2	24.98	8.14	30.1	94	6.6	4.4	5.9
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)9	15:28:28	-	Surface	1	1	25.25	8.16	30.1	99.8	6.9	1.3	5
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)9	15:29:16	-	Surface	1	2	25.23	8.16	30.1	99.6	6.9	1.3	5.1
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)9	15:30:07	-	Bottom	3	1	25.04	8.15	30.2	95.8	6.7	5.5	6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS(Mf)9	15:30:50	-	Bottom	3	2	25.04	8.15	30.2	95.5	6.6	5.5	6.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR3	14:52:24	-	Middle	2	1	25.20	8.10	30.7	93.6	6.5	6.9	10.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR3	14:53:14	-	Middle	2	2	25.19	8.11	30.7	93.3	6.5	6.9	9.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR4	15:44:49	-	Surface	1	1	25.04	8.12	29.9	93.2	6.5	4.7	8.4
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR4	15:45:20	-	Surface	1	2	25.04	8.13	29.9	93.3	6.5	4.7	8.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR4	15:46:08	-	Bottom	3	1	25.03	8.13	29.9	92.1	6.4	4.8	7.6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR4	15:46:45	-	Bottom	3	2	25.04	8.13	29.9	92	6.4	4.6	7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10A	16:31:17	-	Surface	1	1	25.30	8.12	32.0	83.4	5.7	2.3	4.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10A	16:32:02	-	Surface	1	2	25.30	8.12	32.0	82.2	5.6	1.7	5.6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10A	16:32:49	-	Middle	2	1	25.29	8.13	32.0	82.6	5.7	2.0	5.1
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10A	16:33:31	-	Middle	2	2	25.30	8.13	32.1	82.6	5.7	2.1	5.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10A	16:34:22	-	Bottom	3	1	25.30	8.13	32.1	81.4	5.6	3.6	5
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10A	16:35:03	-	Bottom	3	2	25.30	8.13	32.1	80.6	5.5	3.6	6
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10B	16:19:27	-	Surface	1	1	25.36	8.13	32.1	84.7	5.8	3.0	6.3
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10B	16:20:04	-	Surface	1	2	25.40	8.13	32.1	84.4	5.8	2.9	5.5
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10B	16:21:11	-	Middle	2	1	25.41	8.13	32.1	83.7	5.7	3.2	6.5
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10B	16:21:51	-	Middle	2	2	25.44	8.14	32.1	83.9	5.7	2.7	7.2
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10B	16:22:36	-	Bottom	3	1	25.42	8.13	32.1	82.9	5.7	3.1	6.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	SR10B	16:23:19	-	Bottom	3	2	25.44	8.13	32.2	83.1	5.7	3.2	5.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS(Mf)5	15:58:57	-	Surface	1	1	25.25	8.12	31.2	88.3	6.1	1.4	6.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS(Mf)5	15:59:24	-	Surface	1	2	25.25	8.12	31.3	88.1	6.1	2.5	6.2
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS(Mf)5	16:00:31	-	Middle	2	1	25.20	8.12	31.9	82.3	5.7	4.1	11.8
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS(Mf)5	16:01:28	-	Middle	2	2	25.20	8.12	31.9	81.7	5.6	4.3	10.7
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS(Mf)5	16:02:50	-	Bottom	3	1	25.21	8.12	31.9	80.9	5.6	4.6	10.4
HKLR	HY/2011/03	2012-11-05	Mid-Ebb	Sunny	CS(Mf)5	16:04:13	-	Bottom	3	2	25.22	8.12	31.9	80.8	5.6	4.6	9.4
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS5	9:22:21	-	Surface	1	1	24.67	8.14	30.4	92.2	6.5	16.3	17.4
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS5	9:23:37	-	Surface	1	2	24.62	8.13	30.2	91.8	6.4	16.7	16.4
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS5	9:25:02	-	Middle	2	1	24.64	8.13	30.5	90.9	6.4	14.7	14.1
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS5	9:26:14	-	Middle	2	2	24.66	8.13	30.5	90.6	6.3	13.5	13.8
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS5	9:27:51	-	Bottom	3	1	24.71	8.13	30.7	89.3	6.2	10.9	16
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS5	9:29:32	-	Bottom	3	2	24.70	8.13	30.7	89	6.2	8.9	17
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)6	9:40:19	-	Middle	2	1	24.66	8.13	30.2	92.2	6.5	13.8	12.6
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)6	9:41:13	-	Middle	2	2	24.67	8.13	30.4	91.7	6.4	13.9	13.5
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS7	9:47:19	-	Surface	1	1	24.72	8.13	30.4	93.4	6.5	6.1	9.3
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS7	9:48:04	-	Surface	1	2	24.69	8.13	30.4	93.4	6.5	4.7	10.7
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS7	9:48:30	-	Bottom	3	1	24.72	8.12	30.4	90.9	6.4	8.5	10.6
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS7	9:48:53	-	Bottom	3	2	24.71	8.12	30.5	90.2	6.3	9.1	10
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS8	10:05:16	-	Surface	1	1	24.75	8.13	29.8	93.9	6.6	3.4	5.2
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS8	10:05:52	-	Surface	1	2	24.77	8.13	29.9	92.8	6.5	3.6	5.5
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS8	10:06:30	-	Bottom	3	1	24.87	8.12	30.6	90	6.3	8.6	9
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS8	10:07:19	-	Bottom	3	2	24.87	8.12	30.5	89.4	6.2	9.6	10.1
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)9	9:55:46	-	Surface	1	1	24.73	8.12	30.3	90.8	6.4	5.4	10.6
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)9	9:56:28	-	Surface	1	2	24.73	8.12	30.3	90.5	6.3	5.9	11.6
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)9	9:57:04	-	Bottom	3	1	24.77	8.13	30.6	89.4	6.2	7.5	9.6
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS(Mf)9	9:57:48	-	Bottom	3	2	24.74	8.13	30.5	89.3	6.2	7.4	10.3
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR3	11:39:51	-	Middle	2	1	25.22	8.15	30.7	94.4	6.5	11.1	13.5
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR3	11:40:50	-	Middle	2	2	25.23	8.15	30.7	93.8	6.5	11.2	14.1
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR4	10:13:10	-	Surface	1	1	24.79	8.12	29.9	92.4	6.5	8.1	12.2
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR4	10:13:48	-	Surface	1	2	24.80	8.12	29.9	91.7	6.4	9.4	13.1
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR4	10:14:26	-	Bottom	3	1	24.79	8.12	29.9	91.5	6.4	9.8	10.8
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR4	10:15:09	-	Bottom	3	2	24.80	8.12	29.9	91.4	6.4	9.1	11.9
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10A	11:05:12	-	Surface	1	1	25.02	8.11	31.0	86.1	6.0	4.7	8.9
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10A	11:05:55	-	Surface	1	2	25.02	8.11	31.1	85.4	5.9	5.4	9.5
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10A	11:06:41	-	Middle	2	1	25.17	8.11	31.7	82.5	5.7	6.5	11.3
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10A	11:07:15	-	Middle	2	2	25.18	8.11	31.8	82	5.6	6.1	12.3
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10A	11:07:52	-	Bottom	3	1	25.19	8.12	31.9	81.8	5.6	7.1	12
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10A	11:08:34	-	Bottom	3	2	25.19	8.12	31.8	82	5.6	7.4	12.4
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10B	10:51:34	-	Surface	1	1	25.24	8.12	32.0	84.1	5.8	5.3	9.6
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10B	10:52:14	-	Surface	1	2	25.24	8.12	32.0	83	5.7	6.4	10.9
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10B	10:53:18	-	Middle	2	1	25.24	8.12	32.1	82.5	5.7	6.6	11.9
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10B	10:54:03	-	Middle	2	2	25.24	8.12	32.1	82.3	5.6	6.7	11
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10B	10:55:24	-	Bottom	3	1	25.24	8.12	32.1	81.9	5.6	7.0	11
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	SR10B	10:56:07	-	Bottom	3	2	25.24	8.12	32.1	82	5.6	7.0	10.4
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS(Mf)5	10:29:10	-	Surface	1	1	24.94	8.11	30.0	92.1	6.4	2.6	8.9
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS(Mf)5	10:29:36	-	Surface	1	2	24.92	8.12	30.2	91.6	6.4	2.8	9.2
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS(Mf)5	10:30:54	-	Middle	2	1	24.90	8.11	30.8	86.6	6.0	4.6	9.3
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS(Mf)5	10:31:39	-	Middle	2	2	24.91	8.11	30.9	85.8	6.0	4.6	10.4

HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS(Mf)5	10:32:47	-	Bottom	3	1	25.20	8.11	31.5	81.9	5.6	14.7	16
HKLR	HY/2011/03	2012-11-05	Mid-Flood	Sunny	CS(Mf)5	10:33:42	-	Bottom	3	2	25.21	8.11	31.5	81.6	5.6	16.0	15.2
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS5	6:18:21	-	Surface	1	1	24.46	8.13	31.6	91.1	6.4	1.7	4.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS5	6:19:02	-	Surface	1	2	24.45	8.14	31.5	90.5	6.3	1.6	3.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS5	6:19:57	-	Middle	2	1	24.48	8.17	31.8	90.6	6.3	1.7	3.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS5	6:20:37	-	Middle	2	2	24.47	8.17	31.8	90.5	6.3	1.8	3.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS5	6:21:50	-	Bottom	3	1	24.58	8.20	32.1	90.7	6.3	7.8	7.0
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS5	6:22:34	-	Bottom	3	2	24.58	8.20	32.1	90.8	6.3	7.3	8.0
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)6	6:34:53	-	Surface	1	1	24.26	8.15	30.9	93.9	6.6	4.5	6.4
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)6	6:35:37	-	Surface	1	2	24.24	8.15	30.9	93.5	6.6	4.5	7.9
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)6	6:36:17	-	Bottom	3	1	24.30	8.16	30.9	93.2	6.5	5.1	4.2
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)6	6:37:16	-	Bottom	3	2	24.31	8.16	31.0	92.9	6.5	4.9	5.8
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS7	6:45:17	-	Surface	1	1	24.31	8.13	30.9	92	6.5	6.6	8.2
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS7	6:45:48	-	Surface	1	2	24.31	8.13	30.9	91.5	6.4	7.2	8.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS7	6:46:40	-	Bottom	3	1	24.30	8.13	30.9	91.2	6.4	6.1	9.4
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS7	6:47:26	-	Bottom	3	2	24.30	8.13	30.9	91.1	6.4	7.1	9.2
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS8	7:04:25	-	Surface	1	1	24.36	8.14	31.0	91.7	6.4	4.3	5.5
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS8	7:05:02	-	Surface	1	2	24.36	8.14	31.0	91.3	6.4	3.6	5.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS8	7:05:51	-	Bottom	3	1	24.48	8.15	31.2	90.7	6.3	9.6	8.1
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS8	7:06:32	-	Bottom	3	2	24.46	8.15	31.2	90.6	6.3	9.5	8.9
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)9	6:55:02	-	Surface	1	1	24.32	8.14	30.9	92.6	6.5	2.1	4.1
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)9	6:55:45	-	Surface	1	2	24.32	8.14	31.0	92.2	6.5	1.9	3.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)9	6:56:21	-	Bottom	3	1	24.32	8.14	31.0	91.8	6.4	2.0	3.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS(Mf)9	6:57:00	-	Bottom	3	2	24.32	8.15	31.0	91.7	6.4	2.3	3.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR3	6:10:48	-	Middle	2	1	24.37	8.11	31.2	89.4	6.3	2.1	4.4
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR3	6:11:54	-	Middle	2	2	24.39	8.11	31.3	88.7	6.2	2.1	4.9
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR4	7:12:19	-	Surface	1	1	24.15	8.07	30.6	86.5	6.1	4.5	5.8
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR4	7:12:50	-	Surface	1	2	24.15	8.07	30.6	85.8	6.0	4.8	6.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR4	7:13:27	-	Bottom	3	1	24.15	8.07	30.6	85.4	6.0	5.1	6.9
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR4	7:14:24	-	Bottom	3	2	24.15	8.07	30.6	85.4	6.0	4.6	6.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10A	8:12:31	-	Surface	1	1	25.04	8.11	32.0	82.7	5.6	2.4	3.2
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10A	8:14:03	-	Surface	1	2	25.05	8.11	31.9	81.1	5.5	2.5	2.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10A	8:15:29	-	Middle	2	1	25.05	8.11	32.0	81.4	5.5	2.9	3.1
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10A	8:16:24	-	Middle	2	2	25.05	8.12	32.0	81	5.5	3.3	2.5
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10A	8:17:29	-	Bottom	3	1	25.05	8.12	32.0	81.8	5.5	3.0	2.8
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10A	8:18:28	-	Bottom	3	2	25.05	8.12	32.0	81.9	5.5	3.1	3.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10B	7:57:41	-	Surface	1	1	25.04	8.12	32.0	84.2	5.8	2.9	3.1
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10B	7:58:27	-	Surface	1	2	25.05	8.12	32.1	83.4	5.7	3.0	3.4
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10B	7:59:38	-	Middle	2	1	25.05	8.12	32.1	82.9	5.7	2.9	4.7
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10B	8:00:37	-	Middle	2	2	25.05	8.12	32.1	82.8	5.7	2.9	4.1
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10B	8:01:52	-	Bottom	3	1	25.05	8.12	32.1	82.3	5.7	3.3	4.0
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	SR10B	8:03:10	-	Bottom	3	2	25.05	8.12	32.1	82.4	5.7	3.2	3.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS(Mf)5	7:30:11	-	Surface	1	1	24.76	8.11	31.6	86.2	6.0	3.1	3.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS(Mf)5	7:30:45	-	Surface	1	2	24.76	8.11	31.6	85.7	5.9	3.3	3.1
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS(Mf)5	7:32:05	-	Middle	2	1	24.78	8.11	31.6	84.5	5.9	3.0	3.0
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS(Mf)5	7:32:55	-	Middle	2	2	24.79	8.11	31.6	84.4	5.8	3.4	2.6
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS(Mf)5	7:42:36	-	Bottom	3	1	24.76	8.11	31.6	84.9	5.9	4.7	5.0
HKLR	HY/2011/03	2012-11-08	Mid-Ebb	Sunny	CS(Mf)5	7:42:51	-	Bottom	3	2	24.76	8.11	31.6	84.8	5.9	4.7	5.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS5	13:27:48	-	Surface	1	1	24.67	8.15	31.0	95.5	6.7	10.6	8.2
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS5	13:28:24	-	Surface	1	2	24.69	8.15	31.0	95.5	6.7	11.0	9.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS5	13:29:24	-	Middle	2	1	24.65	8.17	31.1	94.8	6.6	5.6	6.1
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS5	13:29:51	-	Middle	2	2	24.66	8.17	31.1	95.1	6.6	6.0	6.6
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS5	13:30:35	-	Bottom	3	1	24.63	8.17	31.2	93.8	6.5	7.7	5.6
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS5	13:31:18	-	Bottom	3	2	24.63	8.17	31.2	93.4	6.5	8.6	5.5
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)6	13:39:16	-	Surface	1	1	24.71	8.17	31.0	96.8	6.7	10.2	7.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)6	13:39:51	-	Surface	1	2	24.74	8.17	31.0	96.9	6.7	9.1	6.6
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)6	13:40:39	-	Bottom	3	1	24.71	8.17	31.0	96.4	6.7	10.2	9.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)6	13:41:22	-	Bottom	3	2	24.70	8.17	31.0	96.5	6.7	10.0	8.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS7	13:49:25	-	Surface	1	1	24.79	8.18	31.1	97.3	6.8	9.0	5.6
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS7	13:50:04	-	Surface	1	2	24.78	8.18	31.1	97.1	6.8	8.1	5.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS7	13:50:47	-	Bottom	3	1	24.78	8.18	31.1	97.1	6.8	7.6	5.5
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS7	13:51:26	-	Bottom	3	2	24.78	8.18	31.1	97.3	6.8	7.0	4.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS8	14:11:14	-	Surface	1	1	24.71	8.15	31.0	94.8	6.6	6.6	6.1
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS8	14:11:45	-	Surface	1	2	24.71	8.15	31.0	94.6	6.6	6.7	6.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS8	14:12:23	-	Bottom	3	1	24.71	8.15	31.0	94.3	6.6	7.3	6.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS8	14:13:01	-	Bottom	3	2	24.71	8.15	31.0	94.3	6.6	6.9	6.7
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)9	14:00:15	-	Surface	1	1	24.79	8.18	31.2	97.3	6.8	4.7	4.7
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)9	14:00:56	-	Surface	1	2	24.79	8.18	31.2	97.1	6.8	4.9	4.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)9	14:01:37	-	Bottom	3	1	24.79	8.18	31.2	96.7	6.7	5.5	5.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS(Mf)9	14:02:18	-	Bottom	3	2	24.78	8.18	31.2	96.5	6.7	6.5	4.8
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR3	13:18:26	-	Middle	2	1	24.79	8.15	31.6	96.5	6.7	12.4	8.6
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR3	13:19:27	-	Middle	2	2	24.80	8.16	31.6	96.2	6.7	11.6	8.7
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR4	14:21:04	-	Surface	1	1	24.51	8.14	31.0	89.8	6.3	17.6	17.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR4	14:21:35	-	Surface	1	2	24.50	8.14	31.0	89.6	6.3	16.3	16.4
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR4	14:22:25	-	Bottom	3	1	24.50	8.14	31.0	89.2	6.2	16.5	15.6
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR4	14:22:59	-	Bottom	3	2	24.50	8.14	31.0	89.2	6.2	16.5	15.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10A	15:15:59	-	Surface	1	1	25.02	8.12	31.9	84.2	5.8	3.7	2.4
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10A	15:16:50	-	Surface	1	2	25.02	8.12	31.8	84.1	5.8	4.0	3.1
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10A	15:18:14	-	Middle	2	1	25.04	8.13	32.0	83.1	5.7	5.3	4.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10A	15:18:58	-	Middle	2	2	25.04	8.13	32.0	83	5.7	5.6	3.9
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10A	15:19:36	-	Bottom	3	1	25.05	8.13	32.0	82.9	5.7	5.7	4.9
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10A	15:20:15	-	Bottom	3	2	25.05	8.13	32.0	82.8	5.7	5.9	4.8
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10B	15:01:39	-	Surface	1	1	25.09	8.13	32.1	85.4	5.9	5.2	4.8
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10B	15:02:18	-	Surface	1	2	25.09	8.13	32.1	84.8	5.8	5.4	4.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10B	15:02:56	-	Middle	2	1	25.09	8.13	32.1	84.4	5.8	5.7	4.9
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10B	15:03:45	-	Middle	2	2	25.10	8.13	32.1	84.3	5.8	5.2	4.3
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10B	15:04:32	-	Bottom	3	1	25.10	8.13	32.1	83.8	5.8	5.0	4.5
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	SR10B	15:05:12	-	Bottom	3	2	25.10	8.13	32.1	83.8	5.8	6.1	4.0
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS(Mf)5	14:38:04	-	Surface	1	1	24.93	8.13	31.4	90.4	6.3	2.8	2.5
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS(Mf)5	14:38:39	-	Surface	1	2	24.92	8.14	31.4	89.8	6.2	2.5	2.5
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS(Mf)5	14:40:14	-	Middle	2	1	24.86	8.13	31.6	85.1	5.9	5.7	5.2
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS(Mf)5	14:41:11	-	Middle	2	2	24.87	8.13	31.6	85.1	5.9	5.0	4.8
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS(Mf)5	14:43:01	-	Bottom	3	1	24.86	8.12	31.6	84.2	5.8	7.6	6.9
HKLR	HY/2011/03	2012-11-08	Mid-Flood	Sunny	CS(Mf)5	14:44:26	-	Bottom	3	2	24.86	8.13	31.6	84.2	5.8	8.5	5.7
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS5	8:29:10	-	Surface	1	1	24.79	8.12	30.5	91	6.4	4.8	3.2
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS5	8:29:46	-	Surface	1	2	24.78	8.12	30.5	90.8	6.3	4.8	2.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS5	8:30:46	-	Middle	2	1	24.80	8.14	30.6	90.1	6.3	5.4	6.5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS5	8:31:16	-	Middle	2	2	24.81	8.14	30.6	90	6.3	5.8	6

HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS5	8:34:10	-	Bottom	3	1	24.92	8.14	31.0	88.7	6.2	14.1	12.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS5	8:34:47	-	Bottom	3	2	24.92	8.14	31.0	88.6	6.2	15.5	11.9
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)6	8:42:01	-	Surface	1	1	24.76	8.14	29.9	93.9	6.6	4.0	5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)6	8:42:46	-	Surface	1	2	24.76	8.14	29.9	93.8	6.6	4.0	4.7
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)6	8:43:21	-	Bottom	3	1	24.76	8.14	30.4	92.2	6.4	4.3	3.3
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)6	8:44:11	-	Bottom	3	2	24.77	8.14	30.6	91.3	6.4	4.4	3.6
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS7	8:50:13	-	Surface	1	1	24.76	8.14	29.8	94	6.6	4.0	4.3
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS7	8:50:47	-	Surface	1	2	24.76	8.14	29.8	93.9	6.6	4.0	5.4
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS7	8:51:28	-	Bottom	3	1	24.75	8.14	30.2	93	6.5	4.3	3.7
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS7	8:51:58	-	Bottom	3	2	24.75	8.14	30.2	92.8	6.5	4.4	4.3
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS8	9:06:51	-	Surface	1	1	24.91	8.14	30.1	93.2	6.5	4.3	2.1
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS8	9:07:20	-	Surface	1	2	24.92	8.14	30.1	93.1	6.5	4.6	3.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS8	9:08:04	-	Bottom	3	1	24.92	8.13	31.0	90.6	6.3	12.6	3.1
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS8	9:08:43	-	Bottom	3	2	24.92	8.13	31.0	90.3	6.3	14.1	3.5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)9	8:57:57	-	Surface	1	1	24.79	8.14	30.1	93.7	6.6	4.3	5.5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)9	8:58:44	-	Surface	1	2	24.79	8.14	30.1	93.7	6.6	4.3	6.5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)9	9:01:14	-	Bottom	3	1	24.83	8.14	30.5	91.9	6.4	6.3	5.9
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS(Mf)9	9:01:44	-	Bottom	3	2	24.83	8.14	30.5	91.8	6.4	6.5	5.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR3	8:22:26	-	Middle	2	1	24.77	8.10	30.4	90	6.3	3.5	3.4
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR3	8:23:21	-	Middle	2	2	24.78	8.11	30.5	90.2	6.3	3.2	3.9
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR4	9:14:59	-	Surface	1	1	24.92	8.10	30.5	87.7	6.1	7.0	7
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR4	9:15:28	-	Surface	1	2	24.92	8.10	30.5	87.2	6.1	7.7	7.2
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR4	9:16:03	-	Bottom	3	1	24.94	8.09	30.9	85.5	5.9	10.1	7.3
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR4	9:16:29	-	Bottom	3	2	24.94	8.09	30.9	84.9	5.9	10.5	7.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10A	10:02:13	-	Surface	1	1	25.09	8.09	31.7	84.3	5.8	5.9	3.4
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10A	10:02:55	-	Surface	1	2	25.10	8.09	31.7	83.4	5.8	6.1	3.2
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10A	10:03:48	-	Middle	2	1	25.09	8.10	31.7	83.5	5.8	6.0	2.9
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10A	10:04:13	-	Middle	2	2	25.09	8.09	31.7	83.1	5.7	6.0	3

HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10A	10:05:02	-	Bottom	3	1	25.09	8.10	31.7	82.8	5.7	6.5	4.2
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10A	10:05:44	-	Bottom	3	2	25.09	8.10	31.7	83.1	5.7	6.3	3.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10B	9:50:32	-	Surface	1	1	25.05	8.10	31.5	86.6	6.0	6.6	4.2
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10B	9:51:26	-	Surface	1	2	25.04	8.10	31.4	86.2	6.0	6.6	3.1
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10B	9:52:12	-	Middle	2	1	25.04	8.10	31.4	85.8	5.9	6.9	4.1
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10B	9:52:44	-	Middle	2	2	25.04	8.10	31.5	85.6	5.9	7.0	4.8
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10B	9:54:13	-	Bottom	3	1	25.04	8.10	31.5	85.3	5.9	6.9	6.2
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	SR10B	9:54:47	-	Bottom	3	2	25.04	8.10	31.5	85.2	5.9	7.0	5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS(Mf)5	9:29:45	-	Surface	1	1	25.04	8.12	30.5	91.4	6.4	5.0	4.7
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS(Mf)5	9:30:28	-	Surface	1	2	25.04	8.12	30.5	91	6.3	5.2	4.5
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS(Mf)5	9:31:50	-	Middle	2	1	24.97	8.10	31.7	84.6	5.8	6.7	4
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS(Mf)5	9:32:39	-	Middle	2	2	24.97	8.10	31.7	83.6	5.8	7.0	4.1
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS(Mf)5	9:33:47	-	Bottom	3	1	25.03	8.09	31.9	82.2	5.7	9.0	7.1
HKLR	HY/2011/03	2012-11-10	Mid-Ebb	Sunny	CS(Mf)5	9:34:53	-	Bottom	3	2	25.03	8.09	31.9	81.7	5.6	8.7	7
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS5	15:55:27	-	Surface	1	1	25.40	8.17	30.3	98.8	6.8	3.9	5.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS5	15:56:07	-	Surface	1	2	25.39	8.17	30.4	98.7	6.8	4.2	4.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS5	15:57:11	-	Middle	2	1	25.31	8.16	30.6	96	6.6	4.5	4.5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS5	15:57:45	-	Middle	2	2	25.36	8.17	30.5	97	6.7	3.9	3.1
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS5	15:59:14	-	Bottom	3	1	25.15	8.15	30.7	92.6	6.4	14.9	12.5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS5	15:59:46	-	Bottom	3	2	25.15	8.15	30.7	92.3	6.4	14.0	11.5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)6	15:48:11	-	Surface	1	1	25.63	8.18	30.4	100.6	6.9	2.0	4.2
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)6	15:48:41	-	Surface	1	2	25.60	8.18	30.4	100.5	6.9	2.7	3.1
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)6	15:49:17	-	Bottom	3	1	25.56	8.17	30.4	100	6.9	4.4	6.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)6	15:49:54	-	Bottom	3	2	25.56	8.17	30.4	99.9	6.9	4.4	5.3
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS7	15:40:10	-	Surface	1	1	25.70	8.16	29.8	99.2	6.8	2.8	5.2
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS7	15:40:42	-	Surface	1	2	25.69	8.16	29.8	99.2	6.8	2.4	4.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS7	15:41:54	-	Bottom	3	1	25.49	8.16	30.2	98.6	6.8	3.7	5.1
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS7	15:42:26	-	Bottom	3	2	25.55	8.16	30.1	98.5	6.8	3.7	4.2
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS8	15:21:59	-	Surface	1	1	25.73	8.10	28.8	93.7	6.5	2.9	4.7
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS8	15:22:31	-	Surface	1	2	25.78	8.10	28.8	93.7	6.5	2.9	4.2
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS8	15:23:16	-	Bottom	3	1	25.27	8.14	29.9	94.3	6.5	4.3	6.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS8	15:23:57	-	Bottom	3	2	25.27	8.14	30.0	94.6	6.6	4.6	5.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)9	15:30:15	-	Surface	1	1	25.34	8.14	29.6	96	6.7	3.2	6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)9	15:30:51	-	Surface	1	2	25.33	8.14	29.8	96.1	6.7	3.8	5.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)9	15:31:37	-	Bottom	3	1	25.18	8.15	30.6	94.9	6.6	6.3	5.9
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS(Mf)9	15:32:15	-	Bottom	3	2	25.18	8.15	30.6	94.9	6.6	6.8	5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR3	16:08:38	-	Middle	2	1	25.24	8.17	30.2	95	6.6	8.9	12.1
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR3	16:09:17	-	Middle	2	2	25.24	8.17	30.2	95.3	6.6	8.8	13.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR4	15:12:11	-	Surface	1	1	25.51	8.12	29.1	94.5	6.6	3.9	6.2
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR4	15:12:57	-	Surface	1	2	25.49	8.12	29.1	94.2	6.5	5.5	6.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR4	15:13:42	-	Bottom	3	1	25.52	8.12	29.1	94.1	6.5	4.4	5.4
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR4	15:14:27	-	Bottom	3	2	25.50	8.12	29.1	94	6.5	4.6	6.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10A	14:25:06	-	Surface	1	1	25.24	8.06	30.6	88	6.1	2.1	3.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10A	14:25:44	-	Surface	1	2	25.23	8.07	30.8	87.6	6.1	2.2	4.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10A	14:26:30	-	Middle	2	1	25.07	8.09	31.2	86.8	6.0	2.2	4.5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10A	14:26:59	-	Middle	2	2	25.08	8.09	31.2	86.5	6.0	2.1	4.8
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10A	14:27:45	-	Bottom	3	1	25.07	8.10	31.2	85.9	5.9	2.2	5.2
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10A	14:28:24	-	Bottom	3	2	25.07	8.10	31.2	85.8	5.9	2.5	5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10B	14:35:31	-	Surface	1	1	25.18	8.10	31.9	85.1	5.9	4.9	6.9
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10B	14:36:19	-	Surface	1	2	25.18	8.10	31.9	84.6	5.8	4.9	6.7
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10B	14:37:03	-	Middle	2	1	25.18	8.10	31.9	84.2	5.8	5.0	6.1
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10B	14:37:44	-	Middle	2	2	25.18	8.10	31.8	84.2	5.8	4.7	7.9
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10B	14:38:30	-	Bottom	3	1	25.18	8.10	31.8	84	5.8	4.9	7.3
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	SR10B	14:39:15	-	Bottom	3	2	25.18	8.11	31.8	83.9	5.8	4.7	7.4
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS(Mf)5	14:54:25	-	Surface	1	1	25.47	8.14	29.9	95.6	6.6	1.4	2.5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS(Mf)5	14:55:06	-	Surface	1	2	25.47	8.14	29.9	95.5	6.6	1.4	2.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS(Mf)5	14:56:00	-	Middle	2	1	25.00	8.13	30.7	91	6.3	3.0	5
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS(Mf)5	14:56:38	-	Middle	2	2	24.99	8.13	30.8	90	6.2	3.2	3.1
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS(Mf)5	14:57:48	-	Bottom	3	1	24.97	8.10	31.4	83.9	5.8	18.2	11.6
HKLR	HY/2011/03	2012-11-10	Mid-Flood	Sunny	CS(Mf)5	14:58:32	-	Bottom	3	2	24.97	8.10	31.4	83.7	5.8	19.1	11.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS5	10:00:45	-	Surface	1	1	24.62	8.11	29.1	88.5	6.2	9.4	6.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS5	10:01:38	-	Surface	1	2	24.62	8.11	29.1	88	6.2	9.6	7.2
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS5	10:02:31	-	Middle	2	1	24.62	8.12	29.2	87.3	6.2	8.3	10.6
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS5	10:03:19	-	Middle	2	2	24.62	8.13	29.2	87.1	6.1	8.2	11.4
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS5	10:04:33	-	Bottom	3	1	24.59	8.15	30.0	86.7	6.1	21.2	21.1
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS5	10:05:46	-	Bottom	3	2	24.61	8.16	30.1	86.5	6.1	23.0	21.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)6	10:13:00	-	Surface	1	1	24.66	8.12	29.0	89.1	6.3	6.0	6.6
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)6	10:14:01	-	Surface	1	2	24.66	8.13	29.0	88.8	6.3	6.1	6.0
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)6	10:14:53	-	Bottom	3	1	24.66	8.13	29.0	88.4	6.2	6.5	6.5
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)6	10:15:33	-	Bottom	3	2	24.67	8.13	29.0	88.4	6.2	8.5	6.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS7	10:23:40	-	Surface	1	1	24.47	8.13	28.8	93.3	6.6	3.4	2.7
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS7	10:24:52	-	Surface	1	2	24.49	8.14	28.9	92.2	6.5	3.4	2.7
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS7	10:25:32	-	Bottom	3	1	24.51	8.13	28.9	90.7	6.4	4.0	4.2
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS7	10:26:06	-	Bottom	3	2	24.51	8.13	28.9	90.6	6.4	4.4	5.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS8	10:42:14	-	Surface	1	1	24.67	8.11	29.0	90.2	6.4	4.8	5.0
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS8	10:43:01	-	Surface	1	2	24.67	8.12	29.0	89.8	6.3	4.3	5.7
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS8	10:44:26	-	Bottom	3	1	24.71	8.11	29.2	86.5	6.1	20.4	25.5
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS8	10:45:13	-	Bottom	3	2	24.71	8.11	29.2	86.4	6.1	22.3	25.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)9	10:33:29	-	Surface	1	1	24.57	8.12	28.9	91.3	6.5	3.2	2.7
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)9	10:34:15	-	Surface	1	2	24.49	8.13	28.8	91.3	6.5	2.9	2.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)9	10:35:22	-	Bottom	3	1	24.70	8.11	29.1	87.3	6.1	9.9	11.4
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS(Mf)9	10:36:05	-	Bottom	3	2	24.72	8.11	29.1	86.2	6.1	15.0	11.3
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR3	9:45:46	-	Middle	2	1	24.63	8.09	28.8	90.5	6.4	6.5	6.6
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR3	9:46:25	-	Middle	2	2	24.63	8.09	28.8	90.1	6.4	5.5	6.0
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR4	10:51:45	-	Surface	1	1	24.73	8.09	29.2	86.2	6.1	6.7	5.7
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR4	10:52:37	-	Surface	1	2	24.72	8.10	29.1	85.7	6.0	6.5	7.6
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR4	10:54:03	-	Bottom	3	1	24.73	8.10	29.2	85.3	6.0	6.4	6.1
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR4	10:54:35	-	Bottom	3	2	24.74	8.10	29.2	85.2	6.0	6.7	6.4
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10A	11:47:42	-	Surface	1	1	24.87	8.14	31.8	85.5	5.9	2.9	6.5
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10A	11:48:16	-	Surface	1	2	24.88	8.14	31.8	85	5.9	3.1	6.0
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10A	11:49:11	-	Middle	2	1	24.88	8.14	31.8	84.3	5.8	3.1	3.3
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10A	11:49:40	-	Middle	2	2	24.88	8.14	31.8	84.2	5.8	2.9	4.1
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10A	11:50:52	-	Bottom	3	1	24.88	8.14	31.8	83.7	5.8	3.0	4.8
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10A	11:51:34	-	Bottom	3	2	24.88	8.14	31.8	83.7	5.8	2.9	3.0
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10B	11:31:19	-	Surface	1	1	24.85	8.14	31.9	86.1	6.0	4.1	5.2
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10B	11:32:29	-	Surface	1	2	24.86	8.15	32.1	84.7	5.9	4.9	5.7
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10B	11:33:59	-	Middle	2	1	24.86	8.15	32.2	83.9	5.8	5.8	6.2
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10B	11:34:31	-	Middle	2	2	24.87	8.15	32.2	83.8	5.8	5.8	7.8

HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10B	11:35:32	-	Bottom	3	1	24.87	8.15	32.2	83.4	5.8	5.7	6.0
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	SR10B	11:36:11	-	Bottom	3	2	24.86	8.15	32.1	83.4	5.8	5.8	7.1
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS(Mf)5	11:09:26	-	Surface	1	1	24.68	8.14	30.6	89.3	6.2	3.2	4.4
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS(Mf)5	11:10:22	-	Surface	1	2	24.64	8.14	30.6	89.3	6.2	3.1	4.1
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS(Mf)5	11:11:21	-	Middle	2	1	24.92	8.13	31.8	84.1	5.8	3.4	3.6
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS(Mf)5	11:12:12	-	Middle	2	2	24.92	8.13	31.8	83.6	5.8	3.5	3.9
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS(Mf)5	11:13:44	-	Bottom	3	1	24.91	8.14	32.1	82.5	5.7	5.8	7.8
HKLR	HY/2011/03	2012-11-12	Mid-Ebb	Sunny	CS(Mf)5	11:15:02	-	Bottom	3	2	24.91	8.14	32.1	82.4	5.7	5.6	8.8
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS5	18:10:24	-	Surface	1	1	24.76	8.16	29.0	93.8	6.6	3.5	4.9
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS5	18:10:56	-	Surface	1	2	24.77	8.16	29.0	93.6	6.6	3.4	5.0
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS5	18:11:38	-	Middle	2	1	24.83	8.14	29.2	89.4	6.3	6.0	10.5
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS5	18:12:15	-	Middle	2	2	24.82	8.14	29.3	88.6	6.2	6.7	10.2
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS5	18:13:11	-	Bottom	3	1	24.64	8.16	29.8	88	6.2	9.9	10.6
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS5	18:13:48	-	Bottom	3	2	24.63	8.17	29.8	87.9	6.2	11.3	9.4
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)6	18:02:43	-	Surface	1	1	24.72	8.15	29.0	92.3	6.5	5.9	7.8
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)6	18:03:15	-	Surface	1	2	24.70	8.15	29.0	91.9	6.5	5.9	6.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)6	18:04:01	-	Bottom	3	1	24.72	8.15	29.0	91.4	6.4	8.9	8.9
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)6	18:04:33	-	Bottom	3	2	24.72	8.15	29.0	91.4	6.4	6.2	7.0
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS7	17:54:37	-	Surface	1	1	24.77	8.14	29.0	92.5	6.5	5.0	6.0
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS7	17:55:04	-	Surface	1	2	24.75	8.15	29.0	92.2	6.5	5.1	5.8
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS7	17:55:37	-	Bottom	3	1	24.81	8.13	29.3	89.2	6.3	9.6	8.9
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS7	17:56:09	-	Bottom	3	2	24.81	8.13	29.3	87.5	6.1	11.1	9.7
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS8	17:36:11	-	Surface	1	1	24.83	8.14	29.5	90.4	6.3	5.9	5.7
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS8	17:36:55	-	Surface	1	2	24.83	8.14	29.6	90.5	6.3	5.6	6.7
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS8	17:38:02	-	Bottom	3	1	24.82	8.14	29.7	88.6	6.2	6.8	8.8
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS8	17:38:49	-	Bottom	3	2	24.83	8.14	29.7	88.5	6.2	7.4	6.8
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)9	17:45:38	-	Surface	1	1	24.77	8.15	29.6	91.5	6.4	7.6	9.4
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)9	17:46:25	-	Surface	1	2	24.77	8.15	29.6	91.4	6.4	7.6	9.0
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)9	17:47:51	-	Bottom	3	1	24.85	8.15	29.8	88.9	6.2	11.3	14.4
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS(Mf)9	17:48:30	-	Bottom	3	2	24.85	8.15	29.8	88.5	6.2	11.7	13.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR3	18:22:31	-	Middle	2	1	24.71	8.13	29.2	88.6	6.2	5.7	7.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR3	18:23:16	-	Middle	2	2	24.70	8.14	29.2	88.1	6.2	5.6	8.5

HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR4	17:25:57	-	Surface	1	1	24.77	8.13	29.6	87.8	6.2	9.8	10.7
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR4	17:26:32	-	Surface	1	2	24.76	8.14	29.5	88.2	6.2	8.6	10.2
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR4	17:21:41	-	Bottom	3	1	24.76	8.14	29.5	88.6	6.2	8.1	10.4
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR4	17:22:14	-	Bottom	3	2	24.77	8.14	29.5	88.2	6.2	8.3	10.2
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10A	16:44:00	-	Surface	1	1	24.90	8.16	31.7	87.1	6.0	4.1	4.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10A	16:44:43	-	Surface	1	2	24.90	8.16	31.7	86.4	6.0	3.6	4.2
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10A	16:45:41	-	Middle	2	1	24.90	8.16	32.1	84.5	5.8	5.2	8.2
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10A	16:46:13	-	Middle	2	2	24.90	8.16	32.0	83.9	5.8	5.3	7.1
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10A	16:47:18	-	Bottom	3	1	24.91	8.17	32.1	84	5.8	7.6	5.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10A	16:47:54	-	Bottom	3	2	24.91	8.17	32.1	84	5.8	6.1	5.0
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10B	16:32:46	-	Surface	1	1	24.90	8.12	32.1	86.6	6.0	5.3	7.9
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10B	16:33:28	-	Surface	1	2	24.90	8.13	32.1	85.6	5.9	6.1	8.8
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10B	16:34:17	-	Middle	2	1	24.90	8.15	32.1	85.1	5.9	6.0	9.9
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10B	16:34:44	-	Middle	2	2	24.90	8.15	32.1	85.1	5.9	6.2	9.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10B	16:36:09	-	Bottom	3	1	24.90	8.16	32.2	84.7	5.8	6.5	7.5
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	SR10B	16:36:30	-	Bottom	3	2	24.90	8.16	32.2	84.7	5.8	6.5	8.2
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS(Mf)5	17:03:36	-	Surface	1	1	24.81	8.16	30.4	92	6.4	2.1	4.6
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS(Mf)5	17:04:18	-	Surface	1	2	24.81	8.16	30.5	91	6.4	2.2	5.1
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS(Mf)5	17:05:36	-	Middle	2	1	24.89	8.16	31.9	84.1	5.8	15.7	22.4
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS(Mf)5	17:06:13	-	Middle	2	2	24.89	8.16	31.9	83.9	5.8	16.0	22.3
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS(Mf)5	17:07:31	-	Bottom	3	1	24.90	8.16	31.9	83	5.7	33.9	36.0
HKLR	HY/2011/03	2012-11-12	Mid-Flood	Sunny	CS(Mf)5	17:08:37	-	Bottom	3	2	24.90	8.16	31.9	82.8	5.7	35.0	36.0
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS5	13:10:33	-	Surface	1	1	24.61	8.18	30.9	89.8	6.3	10.7	11.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS5	13:11:25	-	Surface	1	2	24.62	8.18	30.8	89.7	6.3	9.1	12.7
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS5	13:12:13	-	Middle	2	1	24.58	8.18	30.9	88.6	6.2	11.4	15.0
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS5	13:12:46	-	Middle	2	2	24.58	8.18	30.9	88.4	6.2	12.1	15.7
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS5	13:13:44	-	Bottom	3	1	24.58	8.18	30.9	87.9	6.1	14.7	8.9
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS5	13:14:20	-	Bottom	3	2	24.58	8.18	30.9	87.8	6.1	13.8	10.2
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)6	13:01:25	-	Surface	1	1	24.81	8.18	30.6	90.9	6.3	7.5	6.3
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)6	13:02:34	-	Surface	1	2	24.84	8.18	30.6	90.7	6.3	7.8	7.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)6	13:03:21	-	Bottom	3	1	24.70	8.18	30.6	90	6.3	10.7	11.2
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)6	13:04:04	-	Bottom	3	2	24.70	8.18	30.6	89.8	6.3	11.0	12.0
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS7	12:52:34	-	Surface	1	1	24.74	8.19	30.7	93.4	6.5	5.8	6.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS7	12:53:23	-	Surface	1	2	24.74	8.19	30.6	93.3	6.5	5.5	6.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS7	12:54:04	-	Bottom	3	1	24.64	8.19	30.7	92	6.4	7.0	4.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS7	12:54:47	-	Bottom	3	2	24.62	8.19	30.6	91.1	6.4	8.2	5.9
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS8	12:34:05	-	Surface	1	1	24.79	8.17	30.7	90.1	6.3	10.9	11.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS8	12:34:51	-	Surface	1	2	24.79	8.17	30.7	89.8	6.3	11.0	12.3
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS8	12:35:36	-	Bottom	3	1	24.61	8.17	30.8	87	6.1	15.5	16.1
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS8	12:36:17	-	Bottom	3	2	24.61	8.17	30.8	86.6	6.1	15.4	17.7
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)9	12:43:18	-	Surface	1	1	24.86	8.19	30.8	94.7	6.6	4.8	5.0
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)9	12:44:12	-	Surface	1	2	24.84	8.19	30.8	94.2	6.6	5.8	6.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)9	12:44:55	-	Bottom	3	1	24.79	8.19	30.9	92.6	6.5	6.2	5.9
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS(Mf)9	12:45:37	-	Bottom	3	2	24.79	8.19	30.9	92.6	6.4	5.8	6.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR3	13:24:48	-	Middle	2	1	24.87	8.19	30.9	92.1	6.4	9.5	10.0
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR3	13:25:31	-	Middle	2	2	24.89	8.19	30.9	91.9	6.4	9.9	11.1
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR4	12:25:12	-	Surface	1	1	24.82	8.16	30.6	90.2	6.3	7.2	7.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR4	12:25:54	-	Surface	1	2	24.81	8.17	30.6	89.6	6.2	7.4	8.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR4	12:26:41	-	Bottom	3	1	24.75	8.17	30.8	88.4	6.2	9.9	9.9
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR4	12:27:16	-	Bottom	3	2	24.75	8.17	30.8	88.3	6.2	10.3	10.7
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10A	11:30:13	-	Surface	1	1	24.79	8.12	32.2	83	5.7	5.7	4.1
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10A	11:31:00	-	Surface	1	2	24.79	8.13	32.2	81.3	5.6	5.3	5.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10A	11:32:01	-	Middle	2	1	24.79	8.16	32.3	82.5	5.7	6.3	5.4
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10A	11:32:28	-	Middle	2	2	24.79	8.16	32.3	82.7	5.7	5.6	4.7
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10A	11:33:18	-	Bottom	3	1	24.79	8.17	32.3	82.2	5.7	6.5	11.0
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10A	11:33:53	-	Bottom	3	2	24.79	8.17	32.3	82.1	5.7	7.2	11.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10B	11:42:56	-	Surface	1	1	24.79	8.18	32.2	84.4	5.8	5.4	9.1
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10B	11:43:26	-	Surface	1	2	24.79	8.18	32.2	84.1	5.8	5.5	10.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10B	11:44:10	-	Middle	2	1	24.79	8.18	32.2	83.4	5.8	5.8	6.5
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10B	11:44:45	-	Middle	2	2	24.79	8.18	32.2	83.3	5.8	5.9	7.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10B	11:46:14	-	Bottom	3	1	24.79	8.18	32.2	83	5.7	5.6	6.3
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	SR10B	11:46:52	-	Bottom	3	2	24.79	8.18	32.2	82.7	5.7	8.0	7.6
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS(Mf)5	12:04:16	-	Surface	1	1	24.92	8.19	31.3	91.1	6.3	5.9	6.3
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS(Mf)5	12:04:52	-	Surface	1	2	24.93	8.19	31.2	90.8	6.3	5.7	7.8
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS(Mf)5	12:05:42	-	Middle	2	1	24.81	8.18	31.6	87.3	6.1	4.4	6.1
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS(Mf)5	12:06:24	-	Middle	2	2	24.81	8.18	31.7	86.7	6.0	4.4	7.5
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS(Mf)5	12:07:42	-	Bottom	3	1	24.79	8.18	31.9	84	5.8	11.2	11.5
HKLR	HY/2011/03	2012-11-14	Mid-Ebb	Sunny	CS(Mf)5	12:08:30	-	Bottom	3	2	24.79	8.18	31.9	83.9	5.8	10.5	10.2
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS5	8:20:43	-	Surface	1	1	24.51	8.17	30.6	88.4	6.2	9.5	9.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS5	8:21:24	-	Surface	1	2	24.51	8.17	30.6	87.9	6.2	9.7	8.2
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS5	8:22:07	-	Middle	2	1	24.51	8.17	30.6	87.3	6.1	10.7	12.0
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS5	8:22:36	-	Middle	2	2	24.51	8.17	30.6	87.3	6.1	12.5	10.9
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS5	8:23:56	-	Bottom	3	1	24.53	8.17	30.7	85.4	6.0	14.7	10.4
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS5	8:24:39	-	Bottom	3	2	24.53	8.17	30.7	86.1	6.0	14.7	10.3
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)6	8:12:24	-	Surface	1	1	24.43	8.17	30.7	89.6	6.3	8.4	4.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)6	8:13:15	-	Surface	1	2	24.44	8.17	30.7	89	6.2	8.1	6.1
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)6	8:13:49	-	Bottom	3	1	24.44	8.17	30.7	88.8	6.2	8.6	12.1
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)6	8:14:35	-	Bottom	3	2	24.44	8.18	30.7	88.7	6.2	8.9	13.4
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS7	8:03:35	-	Surface	1	1	24.48	8.17	30.7	89.2	6.2	9.3	12.7
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS7	8:04:24	-	Surface	1	2	24.48	8.18	30.7	88.9	6.2	9.8	11.7
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS7	8:05:13	-	Bottom	3	1	24.50	8.18	30.7	88.3	6.2	13.1	11.9
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS7	8:05:51	-	Bottom	3	2	24.49	8.17	30.7	88.1	6.2	13.5	10.3
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS8	7:48:13	-	Surface	1	1	24.60	8.18	31.0	89.7	6.3	11.3	13.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS8	7:48:41	-	Surface	1	2	24.60	8.18	31.0	89.6	6.3	11.7	12.4
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS8	7:49:22	-	Bottom	3	1	24.60	8.18	31.0	89.2	6.2	12.9	13.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS8	7:49:59	-	Bottom	3	2	24.60	8.18	31.0	89.2	6.2	15.0	13.2
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)9	7:55:19	-	Surface	1	1	24.54	8.17	30.9	89.7	6.3	11.6	13.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)9	7:55:53	-	Surface	1	2	24.54	8.17	30.9	89.2	6.2	12.6	13.9
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)9	7:56:39	-	Bottom	3	1	24.54	8.17	30.9	88.7	6.2	15.2	19.4
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS(Mf)9	7:56:58	-	Bottom	3	2	24.54	8.18	30.9	88.7	6.2	14.7	18.4
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR3	8:33:46	-	Middle	2	1	24.44	8.17	30.6	88.5	6.2	8.3	6.9
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR3	8:34:36	-	Middle	2	2	24.44	8.17	30.6	88.1	6.2	9.0	5.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR4	7:39:07	-	Surface	1	1	24.62	8.17	31.0	87.9	6.1	22.9	28.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR4	7:39:52	-	Surface	1	2	24.62	8.17	31.0	87.7	6.1	22.0	27.0
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR4	7:41:01	-	Bottom	3	1	24.62	8.17	31.0	87.5	6.1	21.2	24.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR4	7:41:51	-	Bottom	3	2	24.61	8.18	31.0	87.5	6.1	21.3	22.2
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10A	6:46:28	-	Surface	1	1	24.74	8.11	31.5	86.1	6.0	7.4	8.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10A	6:47:22	-	Surface	1	2	24.75	8.12	31.6	85	5.9	8.2	8.2
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10A	6:48:31	-	Middle	2	1	24.76	8.16	31.7	85	5.9	10.2	15.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10A	6:49:07	-	Middle	2	2	24.76	8.16	31.7	85.2	5.9	11.3	16.2
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10A	6:50:12	-	Bottom	3	1	24.76	8.16	31.8	84.7	5.9	13.4	11.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10A	6:51:05	-	Bottom	3	2	24.76	8.17	31.8	84.7	5.9	12.2	12.9
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10B	6:57:40	-	Surface	1	1	24.77	8.17	32.0	85.5	5.9	13.8	16.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10B	6:58:25	-	Surface	1	2	24.77	8.17	32.0	85.1	5.9	14.3	16.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10B	6:59:06	-	Middle	2	1	24.77	8.17	32.0	84.6	5.9	14.1	12.6
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10B	6:59:51	-	Middle	2	2	24.77	8.17	32.0	84.5	5.9	14.0	12.0
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10B	7:00:42	-	Bottom	3	1	24.77	8.17	32.0	84.3	5.8	14.7	13.1
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	SR10B	7:01:17	-	Bottom	3	2	24.77	8.17	32.0	84.3	5.8	14.7	13.7
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS(Mf)5	7:16:01	-	Surface	1	1	24.67	8.17	31.1	89.3	6.2	5.6	8.7
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS(Mf)5	7:16:56	-	Surface	1	2	24.67	8.18	31.1	88.9	6.2	5.3	7.5
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS(Mf)5	7:19:14	-	Middle	2	1	24.74	8.17	31.4	85.9	6.0	25.6	9.9
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS(Mf)5	7:19:50	-	Middle	2	2	24.74	8.17	31.4	85.9	6.0	27.9	8.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS(Mf)5	7:25:03	-	Bottom	3	1	24.74	8.17	31.4	85.7	6.0	40.1	68.8
HKLR	HY/2011/03	2012-11-14	Mid-Flood	Sunny	CS(Mf)5	7:25:52	-	Bottom	3	2	24.74	8.17	31.4	85.8	6.0	41.5	67.4
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS5	14:47:35	-	Surface	1	1	24.08	8.19	30.9	91.9	6.5	12.7	11.4
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS5	14:48:20	-	Surface	1	2	24.09	8.19	30.9	91.5	6.4	10.3	10.8
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS5	14:49:07	-	Middle	2	1	24.06	8.19	30.9	90.9	6.4	10.9	10.6
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS5	14:49:43	-	Middle	2	2	24.07	8.19	30.9	90.8	6.4	11.7	10.9
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS5	14:50:44	-	Bottom	3	1	24.04	8.19	30.9	90.3	6.4	11.2	13.1
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS5	14:51:28	-	Bottom	3	2	24.04	8.19	30.9	90.3	6.4	11.9	11.8
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)6	14:39:29	-	Surface	1	1	24.00	8.19	30.9	94.7	6.7	17.4	22.9
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)6	14:39:58	-	Surface	1	2	23.99	8.19	30.8	94.6	6.7	18.0	21.4
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)6	14:40:46	-	Bottom	3	1	23.98	8.19	30.9	94.4	6.7	19.9	21.0
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)6	14:41:22	-	Bottom	3	2	23.98	8.19	30.9	94.5	6.7	20.1	21.2
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS7	14:31:08	-	Surface	1	1	24.02	8.20	30.9	95.5	6.7	13.5	17.4
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS7	14:31:44	-	Surface	1	2	24.02	8.20	30.9	95.4	6.7	12.6	18.2
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS7	14:32:25	-	Bottom	3	1	24.02	8.20	30.9	95	6.7	12.8	14.2
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS7	14:33:04	-	Bottom	3	2	24.02	8.20	30.9	95	6.7	13.4	13.6
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS8	14:13:19	-	Surface	1	1	24.42	8.20	31.2	93.6	6.5	13.7	15.4
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS8	14:13:53	-	Surface	1	2	24.41	8.21	31.2	93.2	6.5	13.4	14.5
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS8	14:14:40	-	Bottom	3	1	24.40	8.21	31.2	92.7	6.5	14.5	15.5
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS8	14:15:15	-	Bottom	3	2	24.41	8.21	31.2	92.7	6.5	14.3	14.7
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:23:06	-	Surface	1	1	24.30	8.20	30.9	94.4	6.6	8.9	9.3
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:23:39	-	Surface	1	2	24.30	8.21	30.9	94.2	6.6	9.1	9.6
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:24:18	-	Bottom	3	1	24.28	8.21	31.0	93.7	6.6	10.7	11.3
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:24:58	-	Bottom	3	2	24.28	8.21	31.0	93.6	6.6	11.0	11.2
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR3	14:59:14	-	Middle	2	1	24.02	8.20	31.0	94.4	6.7	10.4	10.2
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR3	14:59:58	-	Middle	2	2	24.02	8.20	31.0	94.1	6.6	10.4	9.1
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR4	14:02:34	-	Surface	1	1	24.35	8.20	31.1	93	6.5	14.4	16.3
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR4	14:03:09	-	Surface	1	2	24.35	8.20	31.1	92.5	6.5	15.9	15.6
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR4	14:03:57	-	Bottom	3	1	24.34	8.20	31.1	92	6.4	17.2	19.3
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR4	14:04:36	-	Bottom	3	2	24.34	8.20	31.1	91.8	6.4	16.9	18.7
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10A	13:09:14	-	Surface	1	1	24.54	8.14	31.9	86.4	6.0	6.2	7.9
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10A	13:09:59	-	Surface	1	2	24.54	8.15	31.9	85.1	5.9	6.3	7.7
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10A	13:11:00	-	Middle	2	1	24.51	8.17	32.2	83.7	5.8	9.5	13.1
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10A	13:11:32	-	Middle	2	2	24.51	8.18	32.2	83.6	5.8	10.5	14.3
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10A	13:12:31	-	Bottom	3	1	24.51	8.18	32.2	83.4	5.8	10.8	8.5
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10A	13:13:10	-	Bottom	3	2	24.51	8.18	32.2	83.2	5.8	11.1	10.0
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10B	13:20:46	-	Surface	1	1	24.52	8.18	32.2	85.3	5.9	13.6	12.1
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10B	13:21:17	-	Surface	1	2	24.52	8.19	32.2	84.7	5.9	13.3	12.6
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10B	13:22:03	-	Middle	2	1	24.52	8.19	32.2	84.3	5.9	14.3	13.6
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10B	13:22:38	-	Middle	2	2	24.52	8.19	32.2	84.2	5.8	12.2	14.9
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10B	13:24:11	-	Bottom	3	1	24.52	8.19	32.3	83.8	5.8	13.1	15.7
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	SR10B	13:24:55	-	Bottom	3	2	24.52	8.19	32.3	83.9	5.8	13.1	15.5
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS(Mf)5	13:41:30	-	Surface	1	1	24.51	8.19	31.7	89.8	6.3	6.8	11.8
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS(Mf)5	13:42:01	-	Surface	1	2	24.51	8.19	31.7	89.6	6.2	6.7	12.9
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS(Mf)5	13:42:43	-	Middle	2	1	24.54	8.19	31.9	87.9	6.1	5.3	6.0
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS(Mf)5	13:43:31	-	Middle	2	2	24.54	8.19	31.9	87.3	6.1	4.8	7.1

HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS(Mf)5	13:45:03	-	Bottom	3	1	24.55	8.19	31.9	85.8	6.0	7.9	6.9
HKLR	HY/2011/03	2012-11-16	Mid-Ebb	Sunny	CS(Mf)5	13:45:47	-	Bottom	3	2	24.55	8.19	31.9	85.8	6.0	7.2	6.3
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS5	9:43:37	-	Surface	1	1	23.75	8.19	31.1	92.9	6.6	12.4	11.2
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS5	9:44:23	-	Surface	1	2	23.77	8.19	31.1	92.5	6.5	11.3	10.7
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS5	9:45:14	-	Middle	2	1	23.88	8.19	31.1	91.4	6.5	10.9	11.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS5	9:45:44	-	Middle	2	2	23.88	8.20	31.2	91	6.4	12.2	12.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS5	9:46:42	-	Bottom	3	1	23.90	8.20	31.2	90.6	6.4	10.9	12.3
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS5	9:47:20	-	Bottom	3	2	23.88	8.20	31.2	90.4	6.4	11.2	12.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)6	9:34:02	-	Surface	1	1	23.72	8.18	30.9	92.9	6.6	22.7	25.7
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)6	9:34:39	-	Surface	1	2	23.72	8.18	30.9	92.4	6.6	25.1	24.9
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)6	9:35:16	-	Bottom	3	1	23.73	8.18	30.9	92.2	6.5	26.8	28.8
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)6	9:35:53	-	Bottom	3	2	23.73	8.18	30.9	92.2	6.5	26.4	28.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS7	9:23:09	-	Surface	1	1	23.73	8.18	30.8	93.1	6.6	28.3	28.9
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS7	9:23:52	-	Surface	1	2	23.72	8.18	30.9	93	6.6	29.0	29.0
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS7	9:25:40	-	Bottom	3	1	23.70	8.19	30.9	92.8	6.6	24.5	34.7
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS7	9:26:17	-	Bottom	3	2	23.70	8.19	30.9	92.7	6.6	25.7	33.3
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS8	9:00:52	-	Surface	1	1	24.09	8.19	31.0	92.5	6.5	22.1	27.0
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS8	9:01:39	-	Surface	1	2	24.09	8.20	31.0	92.1	6.5	21.5	27.4
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS8	9:03:04	-	Bottom	3	1	24.09	8.20	31.0	91.6	6.5	31.7	44.2
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS8	9:03:53	-	Bottom	3	2	24.09	8.20	31.0	91.5	6.4	28.0	45.4
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)9	9:11:58	-	Surface	1	1	24.14	8.18	30.8	91.9	6.5	14.7	16.2
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)9	9:12:32	-	Surface	1	2	24.14	8.18	30.8	91.3	6.4	14.7	17.0
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)9	9:13:13	-	Bottom	3	1	24.12	8.18	30.8	91.1	6.4	19.8	18.7
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS(Mf)9	9:13:51	-	Bottom	3	2	24.13	8.18	30.8	91	6.4	19.4	18.8
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR3	9:56:24	-	Middle	2	1	23.75	8.19	31.0	92.5	6.6	11.4	11.2
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR3	9:57:21	-	Middle	2	2	23.75	8.19	31.0	92	6.5	11.2	11.8
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR4	8:49:14	-	Surface	1	1	24.07	8.19	31.2	89.6	6.3	26.1	34.8
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR4	8:49:56	-	Surface	1	2	24.07	8.19	31.2	89.4	6.3	25.6	34.9
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR4	8:51:08	-	Bottom	3	1	24.08	8.19	31.2	89.3	6.3	23.7	26.8
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR4	8:51:45	-	Bottom	3	2	24.07	8.19	31.2	89.3	6.3	23.5	27.0
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10A	7:58:47	-	Surface	1	1	24.41	8.14	31.3	87.2	6.1	10.3	9.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10A	7:59:25	-	Surface	1	2	24.40	8.14	31.3	86.7	6.1	9.5	8.9
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10A	8:00:11	-	Middle	2	1	24.47	8.16	31.5	85.9	6.0	11.5	11.7
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10A	8:00:45	-	Middle	2	2	24.47	8.16	31.5	85.9	6.0	11.9	11.6
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10A	8:01:49	-	Bottom	3	1	24.50	8.17	31.5	85.6	6.0	17.4	18.5
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10A	8:02:33	-	Bottom	3	2	24.50	8.17	31.5	85.5	6.0	19.7	18.6
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10B	8:09:19	-	Surface	1	1	24.47	8.17	32.0	86.5	6.0	12.4	16.8
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10B	8:09:53	-	Surface	1	2	24.47	8.17	32.0	86.2	6.0	11.7	15.5
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10B	8:10:26	-	Middle	2	1	24.47	8.17	32.0	85.8	6.0	12.5	16.6
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10B	8:11:05	-	Middle	2	2	24.47	8.17	32.0	85.7	6.0	12.8	15.2
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10B	8:14:49	-	Bottom	3	1	24.47	8.17	32.0	85.3	5.9	13.0	15.5
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	SR10B	8:15:30	-	Bottom	3	2	24.47	8.17	32.0	85.2	5.9	13.3	14.9
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS(Mf)5	8:31:08	-	Surface	1	1	24.33	8.18	31.0	90	6.3	7.2	7.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS(Mf)5	8:31:46	-	Surface	1	2	24.34	8.18	31.0	89.4	6.3	6.9	6.9
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS(Mf)5	8:32:31	-	Middle	2	1	24.34	8.18	31.1	88.5	6.2	7.7	8.1
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS(Mf)5	8:33:24	-	Middle	2	2	24.30	8.19	31.2	88.6	6.2	8.3	9.3
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS(Mf)5	8:34:32	-	Bottom	3	1	24.20	8.22	31.6	90	6.3	15.0	10.2
HKLR	HY/2011/03	2012-11-16	Mid-Flood	Sunny	CS(Mf)5	8:35:15	-	Bottom	3	2	24.20	8.23	31.6	90.1	6.3	15.5	10.7
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS5	17:19:02	-	Surface	1	1	23.78	8.19	30.9	89.6	6.3	9.4	12.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS5	17:19:32	-	Surface	1	2	23.80	8.19	30.9	89.4	6.3	9.5	12.0
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS5	17:20:23	-	Middle	2	1	23.80	8.19	30.9	88.7	6.3	10.5	11.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS5	17:21:01	-	Middle	2	2	23.80	8.19	30.9	88.6	6.3	11.4	11.7
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS5	17:21:43	-	Bottom	3	1	23.81	8.19	30.9	88.5	6.3	12.4	12.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS5	17:22:15	-	Bottom	3	2	23.81	8.19	30.9	88.4	6.3	13.1	13.6
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)6	17:11:48	-	Surface	1	1	23.60	8.18	30.7	90.2	6.4	7.3	7.5
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)6	17:12:20	-	Surface	1	2	23.60	8.18	30.7	90	6.4	7.6	8.6
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)6	17:12:52	-	Bottom	3	1	23.59	8.18	30.7	88.6	6.3	8.3	7.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)6	17:13:28	-	Bottom	3	2	23.55	8.18	30.7	87.6	6.2	9.0	8.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS7	17:04:42	-	Surface	1	1	23.80	8.18	30.5	91.6	6.5	10.6	11.6
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS7	17:05:09	-	Surface	1	2	23.80	8.18	30.5	91.2	6.5	10.9	11.2
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS7	17:05:44	-	Bottom	3	1	23.79	8.18	30.5	90.6	6.4	11.4	12.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS7	17:06:17	-	Bottom	3	2	23.79	8.18	30.5	90.3	6.4	11.3	13.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS8	16:49:48	-	Surface	1	1	23.81	8.19	30.5	92	6.5	5.4	4.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS8	16:50:20	-	Surface	1	2	23.80	8.19	30.5	91.6	6.5	5.2	5.0
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS8	16:51:06	-	Bottom	3	1	23.79	8.19	30.6	90.1	6.4	5.9	6.3
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS8	16:51:41	-	Bottom	3	2	23.79	8.19	30.6	90.3	6.4	5.7	6.3
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)9	16:57:43	-	Surface	1	1	23.82	8.19	30.6	92.8	6.6	4.6	5.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)9	16:58:17	-	Surface	1	2	23.81	8.20	30.6	92.4	6.6	4.6	5.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)9	16:59:05	-	Bottom	3	1	23.81	8.20	30.6	92	6.5	4.3	5.0
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS(Mf)9	16:59:31	-	Bottom	3	2	23.81	8.20	30.6	91.9	6.5	4.3	4.2
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR3	17:29:25	-	Middle	2	1	23.83	8.18	30.8	91.1	6.5	9.8	10.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR3	17:30:01	-	Middle	2	2	23.83	8.19	30.8	90.6	6.4	10.1	11.0
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR4	16:42:06	-	Surface	1	1	23.76	8.17	30.5	88.3	6.3	8.2	10.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR4	16:42:35	-	Surface	1	2	23.75	8.17	30.5	87.6	6.2	8.6	9.6
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR4	16:43:14	-	Bottom	3	1	23.76	8.17	30.5	87.1	6.2	8.6	9.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR4	16:43:47	-	Bottom	3	2	23.76	8.17	30.5	86.9	6.2	9.1	8.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10A	15:55:41	-	Surface	1	1	24.07	8.14	31.8	84.1	5.9	5.3	5.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10A	15:56:16	-	Surface	1	2	24.08	8.15	31.8	83.6	5.9	5.2	6.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10A	15:57:12	-	Middle	2	1	24.07	8.18	32.1	83	5.8	7.4	8.6
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10A	15:57:46	-	Middle	2	2	24.07	8.18	32.1	82.9	5.8	7.6	10.3
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10A	15:58:51	-	Bottom	3	1	24.08	8.19	32.2	82.8	5.8	8.0	8.0
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10A	15:59:27	-	Bottom	3	2	24.08	8.19	32.2	82.8	5.8	8.1	9.3
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10B	16:05:45	-	Surface	1	1	24.08	8.19	32.2	84.8	5.9	6.7	6.0
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10B	16:06:17	-	Surface	1	2	24.08	8.19	32.1	84.2	5.9	6.6	5.8
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10B	16:07:01	-	Middle	2	1	24.07	8.19	32.0	84.5	5.9	5.1	6.7
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10B	16:07:43	-	Middle	2	2	24.08	8.20	32.2	83.9	5.9	6.9	6.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10B	16:08:52	-	Bottom	3	1	24.08	8.20	32.2	83.1	5.8	8.1	9.9
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	SR10B	16:09:26	-	Bottom	3	2	24.08	8.20	32.1	83.6	5.9	6.4	9.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS(Mf)5	16:25:58	-	Surface	1	1	23.99	8.19	31.3	88	6.2	5.4	5.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS(Mf)5	16:26:26	-	Surface	1	2	23.97	8.19	31.3	87.6	6.2	5.6	5.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS(Mf)5	16:27:22	-	Middle	2	1	24.04	8.19	31.8	84.6	5.9	4.1	3.5
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS(Mf)5	16:27:52	-	Middle	2	2	24.04	8.19	31.8	84.4	5.9	4.2	4.4
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS(Mf)5	16:28:40	-	Bottom	3	1	24.05	8.19	31.9	83.7	5.9	4.9	4.1
HKLR	HY/2011/03	2012-11-19	Mid-Ebb	Sunny	CS(Mf)5	16:29:17	-	Bottom	3	2	24.05	8.19	31.8	83.6	5.9	4.8	4.9
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS5	10:31:13	-	Surface	1	1	23.37	8.12	30.5	90.4	6.5	9.2	7.2
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS5	10:31:53	-	Surface	1	2	23.38	8.13	30.5	89.2	6.4	10.6	7.8
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS5	10:32:53	-	Middle	2	1	23.41	8.17	30.7	87.6	6.3	7.9	7.0
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS5	10:33:52	-	Middle	2	2	23.42	8.17	30.8	87.3	6.2	7.9	6.2

HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS5	10:34:55	-	Bottom	3	1	23.43	8.18	30.9	86.5	6.2	9.1	6.8
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS5	10:36:08	-	Bottom	3	2	23.44	8.18	30.9	86.5	6.2	9.8	7.8
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)6	10:46:17	-	Middle	2	1	23.46	8.17	30.5	88.5	6.3	14.9	17.1
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)6	10:46:56	-	Middle	2	2	23.46	8.17	30.5	88.1	6.3	15.9	15.5
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS7	10:54:50	-	Surface	1	1	23.48	8.16	30.5	87	6.2	26.4	24.4
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS7	10:55:37	-	Surface	1	2	23.49	8.16	30.5	86.8	6.2	25.2	23.6
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS7	10:56:15	-	Bottom	3	1	23.48	8.16	30.5	86.6	6.2	26.5	24.3
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS7	10:58:23	-	Bottom	3	2	23.48	8.16	30.5	86.3	6.2	27.1	26.2
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS8	11:15:21	-	Surface	1	1	23.59	8.18	30.5	90.1	6.4	8.7	6.8
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS8	11:16:10	-	Surface	1	2	23.60	8.18	30.5	89.6	6.4	7.2	7.2
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS8	11:17:02	-	Bottom	3	1	23.59	8.18	30.5	88.9	6.3	9.7	6.2
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS8	11:17:44	-	Bottom	3	2	23.59	8.18	30.5	88.9	6.3	8.8	6.6
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)9	11:04:44	-	Surface	1	1	23.63	8.16	30.5	88.4	6.3	10.1	9.8
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)9	11:05:15	-	Surface	1	2	23.63	8.17	30.5	87.8	6.3	9.5	9.6
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)9	11:06:18	-	Bottom	3	1	23.61	8.17	30.5	86.9	6.2	13.6	12.3
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS(Mf)9	11:06:50	-	Bottom	3	2	23.61	8.17	30.5	86.9	6.2	13.3	11.7
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR3	12:46:00	-	Middle	2	1	23.91	8.18	30.9	89	6.3	13.3	8.8
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR3	12:46:59	-	Middle	2	2	23.90	8.18	30.9	89	6.3	12.3	7.9
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR4	11:23:48	-	Surface	1	1	23.62	8.15	30.4	86	6.1	23.4	24.4
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR4	11:24:22	-	Surface	1	2	23.63	8.15	30.4	85.3	6.1	23.1	26.2
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR4	11:24:59	-	Bottom	3	1	23.63	8.15	30.4	85.2	6.1	21.5	28.3
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR4	11:25:35	-	Bottom	3	2	23.63	8.15	30.4	85	6.1	23.6	27.1
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10A	12:11:14	-	Surface	1	1	24.02	8.17	31.2	85.1	6.0	7.8	6.1
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10A	12:11:49	-	Surface	1	2	24.02	8.17	31.5	83.7	5.9	7.7	7.0
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10A	12:12:41	-	Middle	2	1	24.02	8.18	31.8	84	5.9	9.3	8.3
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10A	12:13:11	-	Middle	2	2	24.02	8.18	31.8	83.9	5.9	9.3	7.6

HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10A	12:14:06	-	Bottom	3	1	24.02	8.18	31.8	83.3	5.9	11.4	8.9
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10A	12:14:35	-	Bottom	3	2	24.02	8.18	31.8	83.3	5.9	10.3	8.4
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10B	12:00:45	-	Surface	1	1	24.04	8.18	32.0	85.3	6.0	9.8	8.7
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10B	12:01:44	-	Surface	1	2	24.05	8.19	32.0	84.7	5.9	9.4	8.7
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10B	12:02:41	-	Middle	2	1	24.05	8.19	32.0	84.3	5.9	9.3	9.6
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10B	12:03:13	-	Middle	2	2	24.05	8.19	32.0	84.2	5.9	9.3	9.3
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10B	12:04:15	-	Bottom	3	1	24.05	8.19	32.0	83.8	5.9	9.7	11.1
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	SR10B	12:04:50	-	Bottom	3	2	24.05	8.19	32.0	83.8	5.9	10.4	12.4
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS(Mf)5	11:37:41	-	Surface	1	1	23.91	8.17	30.8	88.5	6.3	4.8	4.5
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS(Mf)5	11:38:22	-	Surface	1	2	23.89	8.17	30.9	87.1	6.2	4.9	4.5
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS(Mf)5	11:39:47	-	Middle	2	1	24.00	8.18	31.5	84.1	5.9	15.7	19.9
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS(Mf)5	11:40:22	-	Middle	2	2	24.00	8.18	31.5	84	5.9	16.8	19.0
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS(Mf)5	11:42:50	-	Bottom	3	1	24.00	8.18	31.5	83.5	5.9	26.9	29.1
HKLR	HY/2011/03	2012-11-19	Mid-Flood	Sunny	CS(Mf)5	11:43:46	-	Bottom	3	2	24.00	8.18	31.5	83.5	5.9	24.8	28.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS5	6:48:44	-	Surface	1	1	23.70	8.18	31.0	89.6	6.4	6.4	6.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS5	6:49:17	-	Surface	1	2	23.70	8.18	31.0	89.2	6.3	6.6	6.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS5	6:51:29	-	Middle	2	1	23.70	8.20	31.1	88.7	6.3	7.0	7.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS5	6:52:39	-	Middle	2	2	23.71	8.20	31.2	88.7	6.3	6.7	7.5
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS5	6:54:25	-	Bottom	3	1	23.75	8.20	31.4	87.4	6.2	16.9	6.6
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS5	6:55:04	-	Bottom	3	2	23.74	8.20	31.3	87.4	6.2	17.6	7.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)6	7:02:53	-	Surface	1	1	23.50	8.18	30.6	90.7	6.5	5.5	5.2
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)6	7:03:31	-	Surface	1	2	23.50	8.18	30.6	90.3	6.4	5.5	6.0
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)6	7:04:16	-	Bottom	3	1	23.72	8.19	31.2	88.1	6.2	8.2	5.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)6	7:04:54	-	Bottom	3	2	23.69	8.19	31.1	88.2	6.3	7.1	5.4
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS7	7:11:22	-	Surface	1	1	23.41	8.17	30.3	91.4	6.5	4.2	4.4
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS7	7:12:10	-	Surface	1	2	23.41	8.17	30.3	91.1	6.5	4.4	4.5
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS7	7:12:40	-	Bottom	3	1	23.42	8.17	30.4	91.2	6.5	4.5	4.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS7	7:13:15	-	Bottom	3	2	23.42	8.17	30.4	91.3	6.5	4.7	4.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS8	7:29:49	-	Surface	1	1	23.42	8.16	30.2	90.1	6.5	4.4	4.6
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS8	7:30:37	-	Surface	1	2	23.42	8.16	30.2	90.6	6.5	4.4	4.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS8	7:33:21	-	Bottom	3	1	23.49	8.17	30.7	88.9	6.3	23.3	17.7
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS8	7:34:11	-	Bottom	3	2	23.49	8.17	30.7	89	6.3	19.2	17.7
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)9	7:20:05	-	Surface	1	1	23.42	8.16	30.2	90.8	6.5	5.3	5.4
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)9	7:20:41	-	Surface	1	2	23.42	8.16	30.2	90.6	6.5	5.0	5.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)9	7:21:26	-	Bottom	3	1	23.46	8.17	30.6	89.4	6.4	6.9	7.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS(Mf)9	7:22:22	-	Bottom	3	2	23.43	8.17	30.5	90	6.4	5.4	7.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR3	6:41:07	-	Middle	2	1	23.67	8.13	30.9	88.4	6.3	7.1	7.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR3	6:41:37	-	Middle	2	2	23.69	8.15	30.9	87.2	6.2	7.6	7.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR4	7:41:06	-	Surface	1	1	23.28	8.12	30.1	87	6.2	5.3	7.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR4	7:41:41	-	Surface	1	2	23.25	8.12	30.1	87.1	6.3	5.2	6.7
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR4	7:42:40	-	Bottom	3	1	23.31	8.12	30.2	85.8	6.2	5.5	7.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR4	7:43:18	-	Bottom	3	2	23.30	8.12	30.2	85.8	6.2	5.5	6.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10A	8:27:40	-	Surface	1	1	23.78	8.17	31.4	87	6.1	2.4	3.2
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10A	8:28:15	-	Surface	1	2	23.77	8.17	31.4	86.4	6.1	2.4	3.7
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10A	8:28:58	-	Middle	2	1	23.77	8.17	31.4	85.9	6.1	2.7	3.5
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10A	8:29:36	-	Middle	2	2	23.77	8.17	31.4	85.5	6.0	2.5	3.8
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10A	8:30:17	-	Bottom	3	1	23.77	8.17	31.4	85.4	6.0	2.8	4.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10A	8:31:01	-	Bottom	3	2	23.77	8.17	31.4	85.4	6.0	2.6	4.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10B	8:16:58	-	Surface	1	1	23.78	8.17	31.5	86.7	6.1	3.1	5.5
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10B	8:17:49	-	Surface	1	2	23.78	8.17	31.5	86.2	6.1	3.1	5.6
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10B	8:18:55	-	Middle	2	1	23.78	8.17	31.5	85.7	6.1	3.1	3.0
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10B	8:19:27	-	Middle	2	2	23.78	8.17	31.5	85.7	6.0	3.1	4.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10B	8:20:14	-	Bottom	3	1	23.78	8.17	31.5	85.3	6.0	3.3	3.1
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	SR10B	8:20:43	-	Bottom	3	2	23.79	8.17	31.5	85.2	6.0	3.3	4.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS(Mf)5	7:56:00	-	Surface	1	1	23.55	8.16	30.1	89	6.4	3.0	4.7
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS(Mf)5	7:56:51	-	Surface	1	2	23.56	8.15	30.2	88.5	6.3	3.0	4.9
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS(Mf)5	7:58:09	-	Middle	2	1	23.59	8.16	30.9	86.2	6.1	3.2	3.3
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS(Mf)5	7:58:40	-	Middle	2	2	23.59	8.16	30.9	86.1	6.1	3.2	2.9
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS(Mf)5	8:00:27	-	Bottom	3	1	23.78	8.16	31.5	82.8	5.8	7.8	6.7
HKLR	HY/2011/03	2012-11-22	Mid-Ebb	Sunny	CS(Mf)5	8:01:09	-	Bottom	3	2	23.78	8.16	31.5	82.6	5.8	9.5	5.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS5	14:55:40	-	Surface	1	1	24.27	8.18	30.5	95.5	6.7	9.0	19.9
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS5	14:56:14	-	Surface	1	2	24.31	8.18	30.5	95.4	6.7	11.5	19.8
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS5	14:57:06	-	Middle	2	1	23.93	8.19	30.9	92.7	6.6	6.2	7.9
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS5	14:57:52	-	Middle	2	2	24.05	8.19	30.8	93.5	6.6	5.0	6.1
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS5	14:58:50	-	Bottom	3	1	23.77	8.19	31.2	89.8	6.4	11.6	16.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS5	14:59:20	-	Bottom	3	2	23.77	8.19	31.2	89.3	6.3	11.5	16.6
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)6	14:47:45	-	Surface	1	1	24.46	8.16	29.4	94.4	6.7	3.8	3.7
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)6	14:48:20	-	Surface	1	2	24.44	8.16	29.5	94.4	6.7	3.9	3.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)6	14:48:56	-	Bottom	3	1	24.37	8.17	29.8	94.6	6.7	4.0	3.7
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)6	14:49:29	-	Bottom	3	2	24.38	8.17	29.8	94.8	6.7	4.0	4.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS7	14:39:46	-	Surface	1	1	24.76	8.17	29.8	95.1	6.7	4.2	4.1
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS7	14:40:24	-	Surface	1	2	25.01	8.16	29.8	95.4	6.7	4.2	4.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS7	14:40:57	-	Bottom	3	1	23.92	8.18	30.4	94.4	6.7	5.8	5.9
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS7	14:41:29	-	Bottom	3	2	23.92	8.18	30.4	94.8	6.7	6.2	6.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS8	14:24:04	-	Surface	1	1	24.61	8.12	28.3	91.6	6.5	3.1	2.8
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS8	14:24:32	-	Surface	1	2	24.64	8.12	28.3	91.5	6.5	2.8	3.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS8	14:25:12	-	Bottom	3	1	23.89	8.15	29.4	90.8	6.5	5.7	4.3
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS8	14:25:44	-	Bottom	3	2	23.88	8.15	29.5	90.8	6.5	5.9	4.3
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)9	14:32:16	-	Surface	1	1	23.95	8.15	29.6	92	6.6	6.4	7.8
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)9	14:32:47	-	Surface	1	2	23.94	8.15	29.6	91.8	6.5	6.1	6.6
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)9	14:33:25	-	Bottom	3	1	23.84	8.18	30.7	92	6.5	7.7	7.3
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS(Mf)9	14:33:57	-	Bottom	3	2	23.84	8.18	30.7	92.1	6.5	7.8	7.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR3	15:07:36	-	Middle	2	1	24.10	8.19	30.8	94.3	6.6	8.7	8.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR3	15:08:11	-	Middle	2	2	24.08	8.19	30.8	93.9	6.6	9.1	7.6
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR4	14:14:44	-	Surface	1	1	24.23	8.13	28.5	91	6.5	6.1	4.7
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR4	14:15:17	-	Surface	1	2	24.27	8.12	28.5	90.7	6.5	5.9	5.6
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR4	14:15:52	-	Bottom	3	1	24.29	8.12	28.5	90.4	6.4	5.9	5.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR4	14:16:26	-	Bottom	3	2	24.30	8.12	28.5	90.3	6.4	6.0	6.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10A	13:26:35	-	Surface	1	1	23.90	8.12	30.5	88	6.2	3.0	2.0
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10A	13:27:12	-	Surface	1	2	23.76	8.13	30.7	87.4	6.2	3.5	2.9
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10A	13:27:54	-	Middle	2	1	23.71	8.15	30.8	86.9	6.2	2.8	2.3
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10A	13:28:23	-	Middle	2	2	23.70	8.15	30.8	86.9	6.2	2.8	3.9
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10A	13:29:39	-	Bottom	3	1	23.70	8.16	30.9	85.7	6.1	4.4	3.8
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10A	13:30:16	-	Bottom	3	2	23.71	8.16	30.9	85.6	6.1	4.7	3.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10B	13:37:42	-	Surface	1	1	23.92	8.18	31.8	85.4	6.0	4.3	5.7
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10B	13:38:18	-	Surface	1	2	23.93	8.18	31.8	84.9	6.0	4.4	4.7
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10B	13:38:58	-	Middle	2	1	23.91	8.18	31.8	84.5	5.9	4.6	5.8
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10B	13:39:22	-	Middle	2	2	23.91	8.18	31.8	84.4	5.9	4.1	4.8

HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10B	13:40:05	-	Bottom	3	1	23.91	8.18	31.8	84.1	5.9	4.3	6.1
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	SR10B	13:40:30	-	Bottom	3	2	23.91	8.18	31.8	84	5.9	4.1	5.1
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS(Mf)5	13:56:56	-	Surface	1	1	24.54	8.15	28.8	93.8	6.6	2.2	4.2
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS(Mf)5	13:57:28	-	Surface	1	2	24.53	8.15	28.8	93.7	6.6	2.5	3.3
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS(Mf)5	13:58:11	-	Middle	2	1	23.71	8.17	30.3	89.7	6.4	3.5	4.3
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS(Mf)5	13:58:46	-	Middle	2	2	23.70	8.17	30.3	89.2	6.4	4.1	3.4
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS(Mf)5	13:59:34	-	Bottom	3	1	23.73	8.16	31.2	84	5.9	17.6	16.8
HKLR	HY/2011/03	2012-11-22	Mid-Flood	Sunny	CS(Mf)5	14:00:26	-	Bottom	3	2	23.73	8.16	31.2	83.3	5.9	19.2	16.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS5	10:28:03	-	Surface	1	1	23.21	8.14	28.4	89.1	6.5	6.2	12.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS5	10:29:37	-	Surface	1	2	23.19	8.14	28.4	88.1	6.4	5.9	13.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS5	10:30:28	-	Middle	2	1	23.55	8.21	30.6	87.9	6.3	14.8	5.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS5	10:31:10	-	Middle	2	2	23.55	8.22	30.6	87.8	6.3	15.5	7.0
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS5	10:32:08	-	Bottom	3	1	23.64	8.22	30.9	86.5	6.1	21.5	15.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS5	10:32:35	-	Bottom	3	2	23.64	8.22	30.9	86.4	6.1	21.8	16.4
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)6	10:15:28	-	Surface	1	1	23.18	8.12	27.7	90.7	6.6	11.7	11.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)6	10:16:08	-	Surface	1	2	23.11	8.13	27.7	90.3	6.6	8.3	9.7
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)6	10:18:12	-	Bottom	3	1	23.15	8.13	27.7	89.6	6.5	11.5	11.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)6	10:19:35	-	Bottom	3	2	23.18	8.13	27.7	89.1	6.5	15.3	10.7
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS7	10:06:05	-	Surface	1	1	23.03	8.13	27.5	91.4	6.7	4.2	4.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS7	10:06:40	-	Surface	1	2	23.02	8.13	27.5	91	6.7	4.0	4.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS7	10:07:17	-	Bottom	3	1	23.04	8.13	27.5	90.7	6.6	4.5	3.6
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS7	10:08:06	-	Bottom	3	2	23.04	8.13	27.5	90.7	6.6	4.6	3.7
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS8	9:43:54	-	Surface	1	1	23.32	8.12	27.7	90.1	6.6	6.0	7.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS8	9:44:28	-	Surface	1	2	23.33	8.13	27.7	89.4	6.5	6.6	7.0
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS8	9:45:18	-	Bottom	3	1	23.35	8.13	27.7	88.6	6.4	7.7	8.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS8	9:45:55	-	Bottom	3	2	23.34	8.13	27.7	88.7	6.5	7.5	7.6
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)9	9:55:50	-	Surface	1	1	23.27	8.12	27.7	90	6.6	5.9	7.0
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)9	9:56:16	-	Surface	1	2	23.27	8.13	27.7	89.5	6.5	5.8	6.0
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)9	9:56:50	-	Bottom	3	1	23.30	8.13	27.7	88.8	6.5	9.1	4.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS(Mf)9	9:57:17	-	Bottom	3	2	23.28	8.13	27.7	88.8	6.5	7.5	5.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS10	13:53:39	-	Surface	1	1	23.30	8.14	28.4	91.3	6.6	8.7	8.1
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS10	13:54:10	-	Surface	1	2	23.32	8.14	28.4	90.6	6.6	8.0	9.1
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS10	13:54:57	-	Middle	2	1	23.71	8.15	29.8	86	6.1	7.2	6.4
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS10	13:55:30	-	Middle	2	2	23.72	8.15	29.9	85.5	6.1	7.2	7.1
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS10	13:56:42	-	Bottom	3	1	23.95	8.15	31.2	80.9	5.7	17.1	13.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	IS10	13:57:19	-	Bottom	3	2	23.95	8.15	31.2	80.7	5.7	20.6	13.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR3	10:42:58	-	Middle	2	1	23.11	8.13	28.0	88.9	6.5	7.9	6.4
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR3	10:43:45	-	Middle	2	2	23.08	8.13	28.0	88.1	6.4	7.6	6.1

HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR4	9:33:07	-	Surface	1	1	23.29	8.09	27.5	87.2	6.4	5.6	6.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR4	9:33:47	-	Surface	1	2	23.26	8.10	27.4	86.1	6.3	5.2	5.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR4	9:34:53	-	Bottom	3	1	23.31	8.10	27.5	85.2	6.2	6.1	5.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR4	9:35:27	-	Bottom	3	2	23.31	8.10	27.5	85.1	6.2	6.0	5.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR5	13:35:07	-	Surface	1	1	23.16	8.18	28.7	92.4	6.7	5.7	6.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR5	13:35:39	-	Surface	1	2	23.18	8.17	28.8	91.7	6.7	5.6	6.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR5	13:36:26	-	Bottom	3	1	23.34	8.16	29.1	88.7	6.4	10.5	11.4
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR5	13:37:03	-	Bottom	3	2	23.32	8.16	29.0	88.4	6.4	9.9	11.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10A	8:36:19	-	Surface	1	1	23.64	8.13	31.8	83.2	5.9	3.6	5.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10A	8:37:02	-	Surface	1	2	23.67	8.15	31.8	82.7	5.8	3.8	4.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10A	8:37:53	-	Middle	2	1	23.78	8.19	32.1	84.1	5.9	5.9	8.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10A	8:38:22	-	Middle	2	2	23.78	8.19	32.1	84.1	5.9	6.2	7.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10A	8:39:18	-	Bottom	3	1	23.77	8.20	32.2	84	5.9	7.7	8.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10A	8:39:48	-	Bottom	3	2	23.77	8.20	32.2	84	5.9	7.7	8.7
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10B	8:47:08	-	Surface	1	1	23.64	8.18	31.7	84.1	5.9	7.8	4.1
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10B	8:47:32	-	Surface	1	2	23.64	8.19	31.7	86.1	6.1	3.9	4.0
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10B	8:48:01	-	Middle	2	1	23.64	8.19	31.8	85.5	6.0	4.3	4.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10B	8:48:20	-	Middle	2	2	23.64	8.19	31.8	85.3	6.0	4.6	4.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10B	8:53:03	-	Bottom	3	1	23.67	8.19	31.8	84.6	6.0	4.1	5.1
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	SR10B	8:53:37	-	Bottom	3	2	23.67	8.19	31.8	84.6	6.0	4.0	4.6
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS2	12:32:34	-	Surface	1	1	22.82	8.20	29.0	94.5	6.9	4.0	4.6
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS2	12:33:01	-	Surface	1	2	22.84	8.21	29.0	93.6	6.8	4.4	4.2
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS2	12:33:32	-	Middle	2	1	23.19	8.24	30.8	92.7	6.6	5.9	3.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS2	12:33:59	-	Middle	2	2	23.24	8.25	30.7	91.9	6.6	6.4	4.4
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS2	12:35:38	-	Bottom	3	1	23.62	8.27	32.3	90.3	6.4	12.1	8.4
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS2	12:36:07	-	Bottom	3	2	23.62	8.27	32.3	90.2	6.4	12.2	7.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS(Mf)5	9:11:21	-	Surface	1	1	23.64	8.15	29.8	86.4	6.2	5.1	3.9
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS(Mf)5	9:12:07	-	Surface	1	2	23.66	8.15	29.7	85.8	6.1	5.8	4.8
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS(Mf)5	9:13:16	-	Middle	2	1	23.82	8.19	31.8	83.5	5.9	9.4	7.3
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS(Mf)5	9:14:14	-	Middle	2	2	23.82	8.19	31.8	83.3	5.9	11.4	8.5
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS(Mf)5	9:15:04	-	Bottom	3	1	23.81	8.20	32.0	83.2	5.9	11.0	4.6
HKLR	HY/2011/03	2012-11-24	Mid-Ebb	Sunny	CS(Mf)5	9:15:32	-	Bottom	3	2	23.81	8.20	32.0	83.2	5.9	11.0	6.5
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS7	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS7	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS7	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS7	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS8	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS8	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS8	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS8	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)9	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)9	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)9	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS(Mf)9	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR3	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR3	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR4	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR4	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR4	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR4	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10A	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10A	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10A	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10A	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10A	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10A	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10B	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10B	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10B	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10B	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10B	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	SR10B	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS(Mf)5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS(Mf)5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS(Mf)5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS(Mf)5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS(Mf)5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-24	Mid-Flood	Sunny	CS(Mf)5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS5	12:03:46	-	Surface	1	1	23.15	8.21	30.7	89.4	6.4	10.5	8.4
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS5	12:04:43	-	Surface	1	2	23.17	8.21	30.7	88.6	6.4	12.2	8.7
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS5	12:05:39	-	Middle	2	1	23.23	8.22	30.8	87.9	6.3	14.2	13.5
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS5	12:06:14	-	Middle	2	2	23.21	8.22	30.7	87.8	6.3	14.4	12.5
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS5	12:07:17	-	Bottom	3	1	23.23	8.22	30.8	87.5	6.3	14.8	13.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS5	12:07:53	-	Bottom	3	2	23.24	8.22	30.8	87.5	6.3	14.3	12.3
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)6	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)6	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)6	12:24:05	-	Middle	2	1	23.04	8.17	30.5	89.7	6.5	24.7	39.9
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)6	12:24:49	-	Middle	2	2	23.06	8.19	30.5	89.1	6.4	26.6	39.8
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)6	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)6	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS7	11:45:41	-	Surface	1	1	23.11	8.19	30.5	88.7	6.4	17.9	15.8
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS7	11:46:48	-	Surface	1	2	23.13	8.20	30.5	88	6.3	17.5	15.7
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS7	11:47:28	-	Bottom	3	1	23.12	8.20	30.5	87.5	6.3	19.1	14.8
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS7	11:48:08	-	Bottom	3	2	23.12	8.20	30.5	87.4	6.3	22.8	13.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS8	11:26:33	-	Surface	1	1	23.25	8.19	30.5	88.8	6.4	11.0	8.6
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS8	11:27:22	-	Surface	1	2	23.25	8.20	30.5	88.1	6.3	10.5	8.6
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS8	11:28:27	-	Bottom	3	1	23.24	8.20	30.5	87.8	6.3	11.0	9.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS8	11:29:18	-	Bottom	3	2	23.23	8.20	30.5	87.8	6.3	10.8	9.5
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)9	11:37:25	-	Surface	1	1	23.11	8.20	30.5	88.4	6.4	20.2	20.7
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)9	11:38:14	-	Surface	1	2	23.13	8.20	30.5	88.2	6.3	20.8	23.1
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)9	11:39:25	-	Bottom	3	1	23.13	8.20	30.5	88.4	6.3	20.1	26.4
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS(Mf)9	11:40:08	-	Bottom	3	2	23.13	8.20	30.5	88.4	6.4	19.5	27.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR3	12:15:12	-	Middle	2	1	22.71	8.18	30.3	87.5	6.3	13.4	12.1
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR3	12:16:07	-	Middle	2	2	22.70	8.19	30.3	86.5	6.3	13.3	11.1
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR4	11:15:57	-	Surface	1	1	23.38	8.17	30.4	83.1	5.9	13.6	9.7
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR4	11:16:53	-	Surface	1	2	23.33	8.17	30.4	82.7	5.9	11.8	9.3
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--

HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR4	11:17:29	-	Bottom	3	1	23.36	8.17	30.4	82.5	5.9	15.8	9.6
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR4	11:17:57	-	Bottom	3	2	23.35	8.17	30.4	82.3	5.9	14.5	9.3
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10A	10:13:33	-	Surface	1	1	23.50	8.15	31.9	86.1	6.1	7.4	5.9
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10A	10:15:00	-	Surface	1	2	23.50	8.17	31.9	84.7	6.0	7.4	5.6
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10A	10:15:58	-	Middle	2	1	23.50	8.19	31.9	84	5.9	7.8	5.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10A	10:16:48	-	Middle	2	2	23.50	8.19	31.9	84	5.9	7.8	5.7
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10A	10:17:32	-	Bottom	3	1	23.50	8.20	31.9	83.6	5.9	8.3	7.8
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10A	10:18:17	-	Bottom	3	2	23.50	8.21	31.9	83.7	5.9	8.2	6.9
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10B	10:27:43	-	Surface	1	1	23.48	8.21	31.9	86.3	6.1	8.6	7.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10B	10:28:16	-	Surface	1	2	23.48	8.22	31.9	85.5	6.1	8.1	8.0
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10B	10:29:22	-	Middle	2	1	23.49	8.22	31.9	84.8	6.0	8.2	6.3
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10B	10:30:13	-	Middle	2	2	23.50	8.22	31.9	84.6	6.0	8.8	6.9
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10B	10:31:03	-	Bottom	3	1	23.50	8.22	31.9	84.3	6.0	8.5	7.6
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	SR10B	10:31:42	-	Bottom	3	2	23.49	8.22	31.9	84.2	6.0	9.0	8.1
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS(Mf)5	10:55:19	-	Surface	1	1	23.42	8.20	31.2	87.9	6.3	7.9	6.1
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS(Mf)5	10:56:04	-	Surface	1	2	23.41	8.21	31.2	87.2	6.2	7.8	7.6
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS(Mf)5	10:57:21	-	Middle	2	1	23.48	8.21	31.4	85.6	6.1	8.0	6.3
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS(Mf)5	10:58:03	-	Middle	2	2	23.48	8.21	31.4	85.4	6.1	7.8	6.2
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS(Mf)5	10:59:23	-	Bottom	3	1	23.53	8.22	31.7	83.8	5.9	9.1	7.1
HKLR	HY/2011/03	2012-11-26	Mid-Ebb	Sunny	CS(Mf)5	11:00:08	-	Bottom	3	2	23.53	8.22	31.7	83.8	5.9	9.1	6.8
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS5	17:04:50	-	Surface	1	1	22.95	8.21	30.6	89.1	6.4	16.5	14.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS5	17:05:37	-	Surface	1	2	22.93	8.21	30.6	88.5	6.4	18.6	15.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS5	17:06:20	-	Middle	2	1	22.99	8.22	30.7	88.1	6.3	14.3	16.8
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS5	17:07:01	-	Middle	2	2	22.96	8.22	30.7	88.1	6.3	14.6	15.9
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS5	17:08:01	-	Bottom	3	1	23.02	8.22	30.7	87.5	6.3	14.4	14.0
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS5	17:08:38	-	Bottom	3	2	23.01	8.22	30.7	87.5	6.3	13.7	13.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)6	16:56:48	-	Surface	1	1	22.79	8.20	30.5	90.8	6.6	26.9	30.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)6	16:58:05	-	Surface	1	2	22.79	8.19	30.5	91.3	6.6	24.4	32.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)6	16:58:23	-	Bottom	3	1	22.79	8.20	30.5	89.5	6.5	27.7	26.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)6	17:00:21	-	Bottom	3	2	22.80	8.20	30.5	92.8	6.7	25.7	25.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS7	16:46:39	-	Surface	1	1	22.86	8.21	30.7	89.5	6.5	21.7	22.4
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS7	16:47:31	-	Surface	1	2	22.86	8.22	30.7	89.2	6.4	23.0	22.3
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS7	16:48:24	-	Bottom	3	1	22.86	8.22	30.7	89	6.4	26.4	24.8
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS7	16:48:57	-	Bottom	3	2	22.88	8.22	30.7	88.8	6.4	30.0	24.4
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS8	16:33:14	-	Surface	1	1	23.01	8.20	30.2	91.2	6.6	8.7	5.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS8	16:34:10	-	Surface	1	2	23.01	8.21	30.2	90	6.5	8.8	5.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--

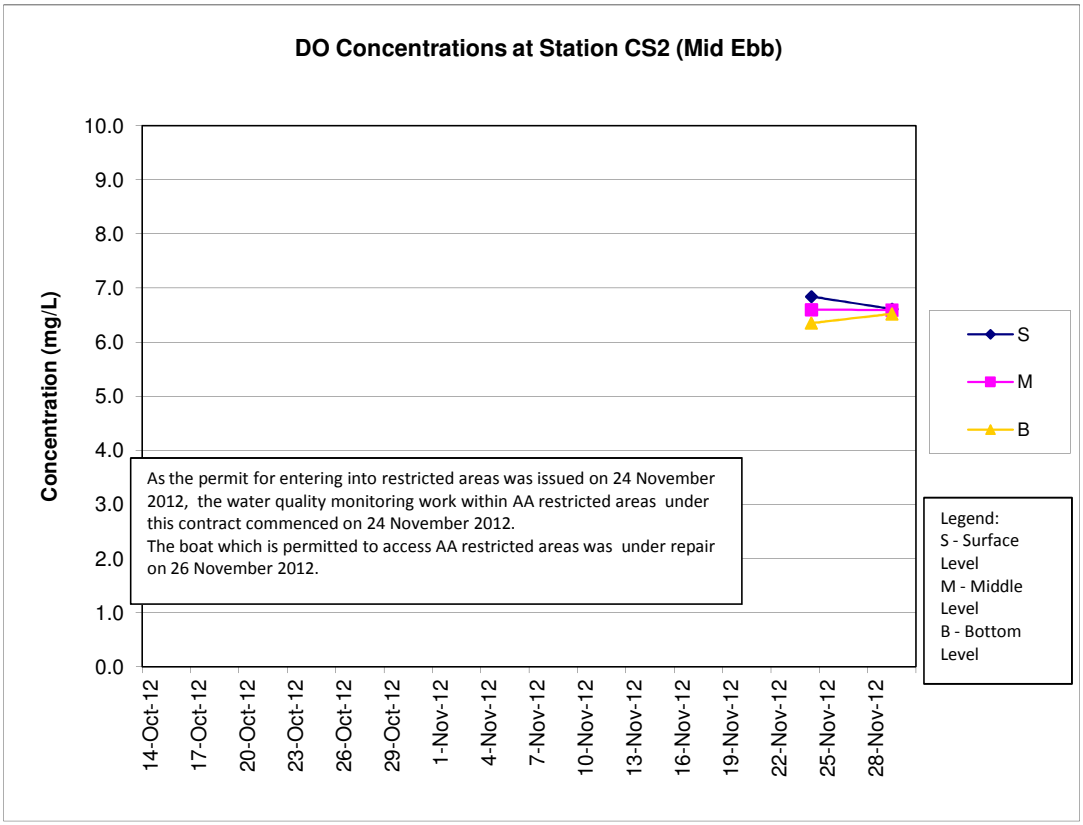
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS8	16:34:55	-	Bottom	3	1	23.06	8.21	30.4	89.3	6.4	11.8	9.8
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS8	16:35:38	-	Bottom	3	2	23.06	8.21	30.4	89.1	6.4	11.6	9.3
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)9	16:39:49	-	Surface	1	1	23.05	8.20	30.2	90.4	6.5	12.4	11.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)9	16:40:50	-	Surface	1	2	23.06	8.21	30.2	89.4	6.4	12.7	11.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)9	16:41:31	-	Bottom	3	1	23.07	8.21	30.5	89.1	6.4	14.7	12.4
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS(Mf)9	16:42:08	-	Bottom	3	2	23.07	8.22	30.5	88.9	6.4	15.4	13.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS10	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS10	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS10	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS10	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS10	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	IS10	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR3	17:14:02	-	Middle	2	1	22.92	8.21	30.6	88.5	6.4	15.1	11.9
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR3	17:15:05	-	Middle	2	2	22.91	8.22	30.6	87.7	6.3	14.9	11.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR4	16:26:32	-	Surface	1	1	22.95	8.20	30.6	88.8	6.4	17.9	16.9
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR4	16:27:03	-	Surface	1	2	22.95	8.20	30.6	88.5	6.4	17.5	17.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR4	16:27:38	-	Bottom	3	1	22.95	8.20	30.6	88.2	6.4	17.8	18.6
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR4	16:28:23	-	Bottom	3	2	22.95	8.20	30.6	88.1	6.3	17.6	19.3
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR5	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR5	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR5	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR5	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10A	15:40:05	-	Surface	1	1	23.36	8.17	32.0	86.4	6.1	7.6	5.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10A	15:41:01	-	Surface	1	2	23.34	8.19	32.0	84.8	6.0	7.3	6.4
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10A	15:42:01	-	Middle	2	1	23.39	8.22	32.0	84.4	6.0	7.1	4.3
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10A	15:42:47	-	Middle	2	2	23.42	8.22	32.0	84.4	6.0	7.1	4.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10A	15:43:52	-	Bottom	3	1	23.42	8.23	32.0	84	6.0	6.8	4.8
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10A	15:44:30	-	Bottom	3	2	23.42	8.23	32.0	84.1	6.0	6.8	4.9
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10B	15:50:26	-	Surface	1	1	23.45	8.24	32.4	86.2	6.1	7.3	5.4
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10B	15:51:12	-	Surface	1	2	23.45	8.24	32.4	85.1	6.0	7.7	4.4
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10B	15:51:56	-	Middle	2	1	23.45	8.24	32.4	84.7	6.0	7.4	4.9
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10B	15:52:35	-	Middle	2	2	23.45	8.25	32.4	84.5	6.0	8.0	4.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10B	15:53:14	-	Bottom	3	1	23.45	8.25	32.4	84.2	5.9	7.3	6.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	SR10B	15:55:32	-	Bottom	3	2	23.45	8.25	32.4	84.1	5.9	7.7	5.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS2	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS2	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS2	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS2	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS2	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS2	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS(Mf)5	16:09:45	-	Surface	1	1	23.24	8.22	31.3	89.2	6.4	7.3	5.3
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS(Mf)5	16:10:31	-	Surface	1	2	23.22	8.23	31.3	88.4	6.3	6.9	4.7
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS(Mf)5	16:11:25	-	Middle	2	1	23.40	8.23	31.7	86.7	6.2	6.6	5.1
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS(Mf)5	16:12:27	-	Middle	2	2	23.40	8.23	31.7	86.3	6.1	6.8	5.8

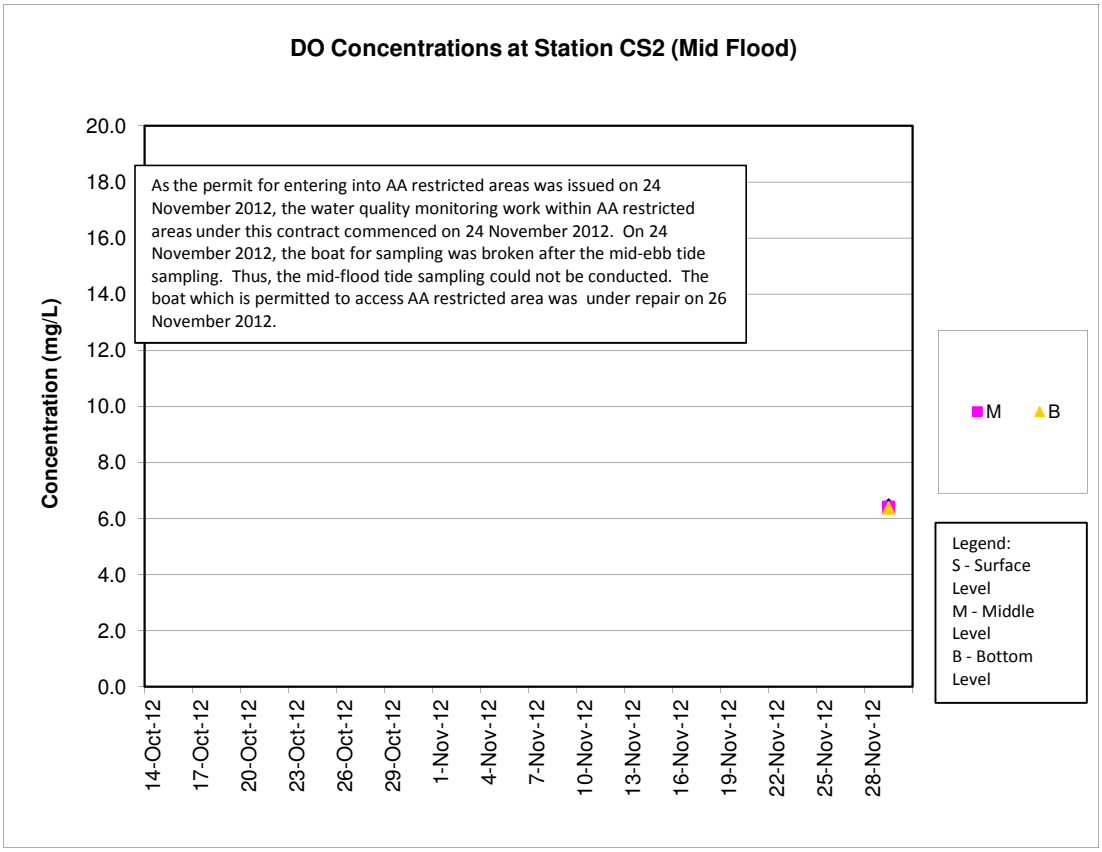
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS(Mf)5	16:13:32	-	Bottom	3	1	23.46	8.23	31.9	84.5	6.0	16.8	17.5
HKLR	HY/2011/03	2012-11-26	Mid-Flood	Sunny	CS(Mf)5	16:14:08	-	Bottom	3	2	23.45	8.23	31.9	84.4	6.0	15.9	16.7
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS5	14:14:03	-	Surface	1	1	21.87	8.24	31.6	89.2	6.5	11.7	9.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS5	14:14:42	-	Surface	1	2	21.86	8.24	31.6	88.7	6.5	11.2	10.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS5	14:15:36	-	Middle	2	1	21.88	8.24	31.6	88.3	6.4	12.0	12.5
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS5	14:16:04	-	Middle	2	2	21.88	8.24	31.6	88.3	6.4	11.1	11.5
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS5	14:16:50	-	Bottom	3	1	21.95	8.25	31.7	88.3	6.4	15.6	12.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS5	14:17:17	-	Bottom	3	2	21.95	8.25	31.7	88.3	6.4	17.0	13.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)6	14:07:09	-	Surface	1	1	21.77	8.23	31.3	88.6	6.5	11.8	11.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)6	14:07:34	-	Surface	1	2	21.77	8.23	31.4	88.1	6.5	11.9	12.4
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)6	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)6	14:08:16	-	Bottom	3	1	21.75	8.23	31.4	87.2	6.4	15.2	15.1
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)6	14:08:44	-	Bottom	3	2	21.75	8.23	31.4	87	6.4	16.2	13.7
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS7	13:59:50	-	Surface	1	1	21.78	8.23	31.4	90	6.6	10.1	7.8
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS7	14:00:23	-	Surface	1	2	21.78	8.23	31.4	89.5	6.6	10.0	7.3
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS7	14:00:53	-	Bottom	3	1	21.77	8.23	31.4	88.4	6.5	13.7	13.3
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS7	14:01:20	-	Bottom	3	2	21.76	8.23	31.4	87.8	6.4	14.9	12.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS8	13:44:55	-	Surface	1	1	21.77	8.22	31.3	88.7	6.5	8.9	5.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS8	13:45:31	-	Surface	1	2	21.77	8.23	31.3	88	6.4	8.7	7.5
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS8	13:46:09	-	Bottom	3	1	21.83	8.23	31.5	87.2	6.4	12.7	8.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS8	13:46:45	-	Bottom	3	2	21.83	8.23	31.5	87	6.4	12.9	8.7
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)9	13:52:36	-	Surface	1	1	21.89	8.23	31.4	89.5	6.5	12.1	9.7
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)9	13:53:11	-	Surface	1	2	21.90	8.23	31.4	88.9	6.5	12.2	9.7
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)9	13:53:52	-	Bottom	3	1	21.92	8.23	31.4	88.3	6.4	15.8	12.4
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS(Mf)9	13:54:16	-	Bottom	3	2	21.92	8.23	31.4	88.2	6.4	15.7	12.1
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS10	16:20:03	-	Surface	1	1	22.06	8.18	29.3	88.8	6.5	5.8	4.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS10	16:20:32	-	Surface	1	2	22.05	8.18	29.2	88.1	6.5	6.3	5
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS10	16:21:33	-	Middle	2	1	22.03	8.22	31.0	87.6	6.4	17.2	12.8
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS10	16:22:10	-	Middle	2	2	22.05	8.22	31.0	87.6	6.4	14.9	11.1
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS10	16:23:09	-	Bottom	3	1	21.96	8.22	31.4	87	6.3	26.3	22.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	IS10	16:23:52	-	Bottom	3	2	21.97	8.22	31.4	87.1	6.4	27.9	21.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR3	14:24:32	-	Middle	2	1	21.81	8.23	31.4	87.9	6.4	14.0	11.3
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR3	14:25:02	-	Middle	2	2	21.79	8.23	31.4	87.6	6.4	12.9	10.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR4	13:38:27	-	Surface	1	1	21.88	8.20	31.0	87.2	6.4	10.1	7.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR4	13:39:05	-	Surface	1	2	21.88	8.21	31.0	86.6	6.3	10.5	6.8
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR4	13:39:31	-	Bottom	3	1	21.90	8.21	31.3	86.6	6.3	11.9	12.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR4	13:40:01	-	Bottom	3	2	21.90	8.22	31.3	86.6	6.3	12.7	13.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR5	16:06:30	-	Surface	1	1	22.19	8.20	30.0	88.9	6.5	9.2	5.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR5	16:07:02	-	Surface	1	2	22.17	8.19	29.8	88.3	6.5	8.6	5.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--

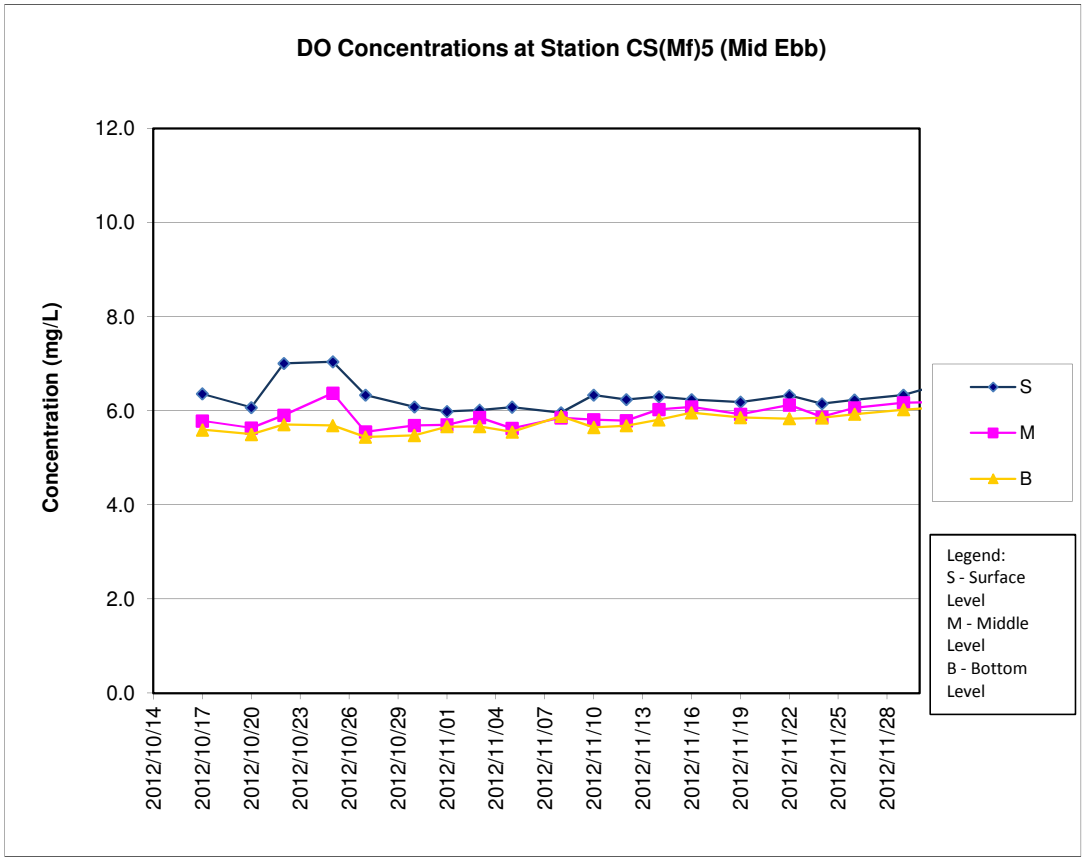
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR5	16:07:54	-	Bottom	3	1	22.29	8.21	30.8	87.7	6.4	10.9	9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR5	16:08:47	-	Bottom	3	2	22.31	8.21	30.8	87.4	6.4	11.5	8.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10A	12:54:30	-	Surface	1	1	22.64	8.22	32.4	83.6	6.0	6.7	4.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10A	12:54:57	-	Surface	1	2	22.64	8.22	32.4	83.2	6.0	6.5	5.1
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10A	12:55:41	-	Middle	2	1	22.66	8.22	32.4	81.9	5.9	7.2	4.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10A	12:56:10	-	Middle	2	2	22.65	8.22	32.4	81.8	5.9	7.1	5.4
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10A	12:56:46	-	Bottom	3	1	22.69	8.23	32.5	81.8	5.9	10.5	5.9

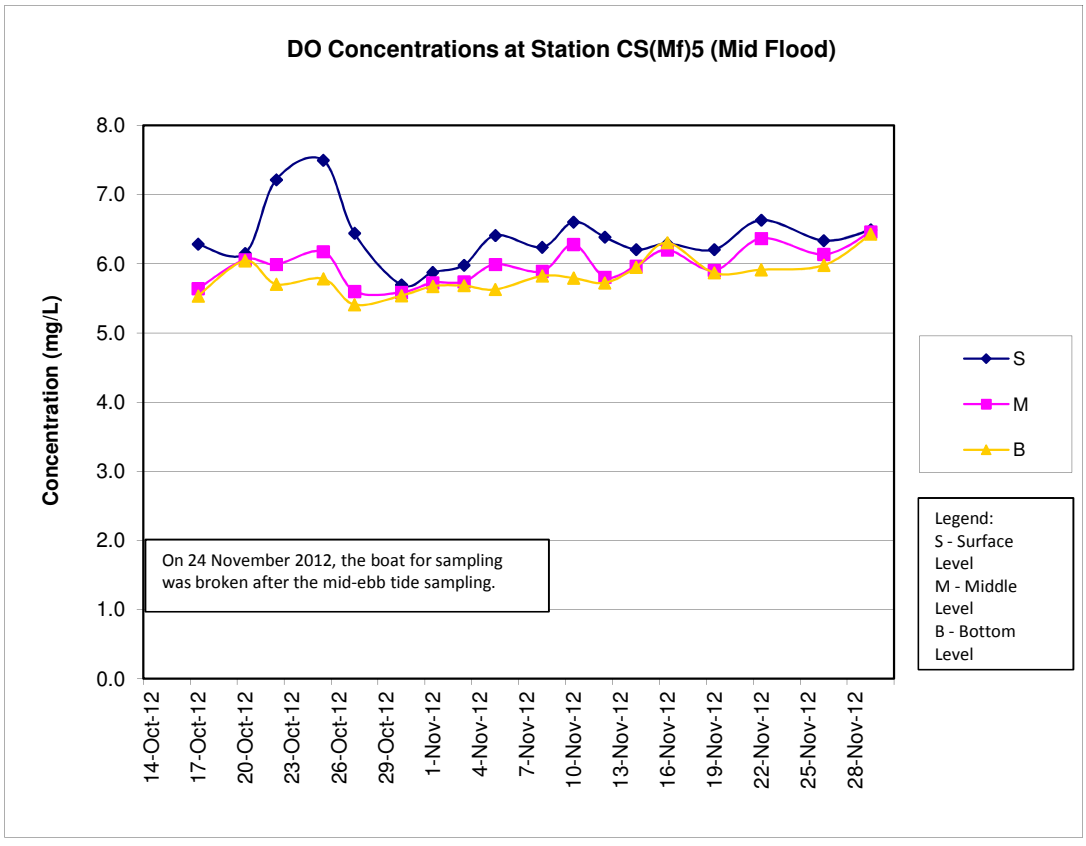
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10A	12:57:08	-	Bottom	3	2	22.69	8.23	32.5	81.8	5.9	10.7	6.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10B	13:03:36	-	Surface	1	1	22.63	8.23	32.4	86.2	6.2	7.7	8
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10B	13:04:01	-	Surface	1	2	22.63	8.24	32.4	85.6	6.1	8.1	7.7
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10B	13:04:52	-	Middle	2	1	22.63	8.24	32.4	85.1	6.1	8.0	7.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10B	13:05:21	-	Middle	2	2	22.63	8.24	32.4	85	6.1	8.3	7.2
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10B	13:06:07	-	Bottom	3	1	22.63	8.24	32.4	84.6	6.1	9.2	7.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	SR10B	13:06:40	-	Bottom	3	2	22.63	8.24	32.4	84.6	6.1	8.2	7.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS2	15:12:34	-	Surface	1	1	22.00	8.22	30.4	90.2	6.6	6.4	3
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS2	15:13:09	-	Surface	1	2	22.00	8.22	30.3	90.1	6.6	6.7	4.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS2	15:13:46	-	Middle	2	1	22.03	8.26	31.9	90.5	6.6	7.9	7.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS2	15:14:25	-	Middle	2	2	22.03	8.27	31.9	91.2	6.6	8.5	6.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS2	15:15:12	-	Bottom	3	1	22.07	8.28	32.2	90.2	6.5	11.4	9.4
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS2	15:15:57	-	Bottom	3	2	22.07	8.28	32.2	90	6.5	11.6	10.4
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS(Mf)5	13:22:20	-	Surface	1	1	22.42	8.23	31.9	88.2	6.4	6.1	5.9
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS(Mf)5	13:22:51	-	Surface	1	2	22.42	8.23	31.9	87.5	6.3	7.4	5.5
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS(Mf)5	13:23:32	-	Middle	2	1	22.55	8.23	32.2	86	6.2	6.7	5.8
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS(Mf)5	13:23:57	-	Middle	2	2	22.55	8.23	32.2	85.7	6.2	6.4	5.6
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS(Mf)5	13:24:56	-	Bottom	3	1	22.63	8.24	32.4	84.2	6.0	6.8	5.1
HKLR	HY/2011/03	2012-11-29	Mid-Ebb	Sunny	CS(Mf)5	13:25:33	-	Bottom	3	2	22.63	8.24	32.4	84.1	6.0	7.4	4.7
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS5	8:03:57	-	Surface	1	1	21.60	8.23	31.1	89.3	6.6	8.4	5.6
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS5	8:05:03	-	Surface	1	2	21.61	8.23	31.2	88.4	6.5	9.0	5.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS5	8:06:32	-	Middle	2	1	21.64	8.23	31.2	87.5	6.4	8.6	5.7
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS5	8:07:08	-	Middle	2	2	21.64	8.23	31.2	87.5	6.4	8.4	6.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS5	8:08:01	-	Bottom	3	1	21.74	8.24	31.4	86.8	6.4	10.8	9.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS5	8:08:53	-	Bottom	3	2	21.73	8.24	31.3	86.7	6.4	10.7	8.5
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)6	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)6	7:57:17	-	Middle	2	1	21.63	8.23	31.2	89.2	6.6	14.5	24.1
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)6	7:57:58	-	Middle	2	2	21.63	8.23	31.2	88.6	6.5	19.7	23.8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)6	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS7	7:48:57	-	Surface	1	1	21.73	8.24	31.4	89.6	6.6	10.2	7.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS7	7:49:27	-	Surface	1	2	21.78	8.24	31.4	89	6.5	10.7	8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS7	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS7	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS7	7:50:02	-	Bottom	3	1	21.80	8.24	31.4	88.6	6.5	12.1	11.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS7	7:50:31	-	Bottom	3	2	21.80	8.24	31.4	88.5	6.5	12.2	12.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS8	7:32:08	-	Surface	1	1	21.83	8.23	31.1	89.3	6.5	19.5	20.7
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS8	7:32:56	-	Surface	1	2	21.83	8.23	31.1	88.6	6.5	20.0	19.7
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS8	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS8	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS8	7:33:28	-	Bottom	3	1	21.83	8.23	31.2	88.3	6.5	20.5	25.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS8	7:34:12	-	Bottom	3	2	21.83	8.23	31.2	88.1	6.5	21.9	25.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)9	7:40:20	-	Surface	1	1	21.91	8.23	31.3	89.7	6.6	16.4	17.5
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)9	7:40:58	-	Surface	1	2	21.92	8.23	31.3	89	6.5	17.7	17.6
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)9	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)9	7:41:51	-	Bottom	3	1	21.95	8.23	31.3	88.6	6.5	21.3	21.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS(Mf)9	7:42:27	-	Bottom	3	2	21.95	8.23	31.3	88.5	6.5	21.3	21.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS10	10:07:27	-	Surface	1	1	21.90	8.23	31.4	89.1	6.5	20.4	22.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS10	10:07:58	-	Surface	1	2	21.91	8.23	31.4	88.8	6.5	20.3	22.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS10	10:08:59	-	Middle	2	1	21.87	8.23	31.4	88.2	6.4	23.1	25.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS10	10:09:41	-	Middle	2	2	21.86	8.23	31.4	88.2	6.4	23.1	25.9
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS10	10:11:01	-	Bottom	3	1	21.97	8.24	31.5	88.1	6.4	19.0	21.6

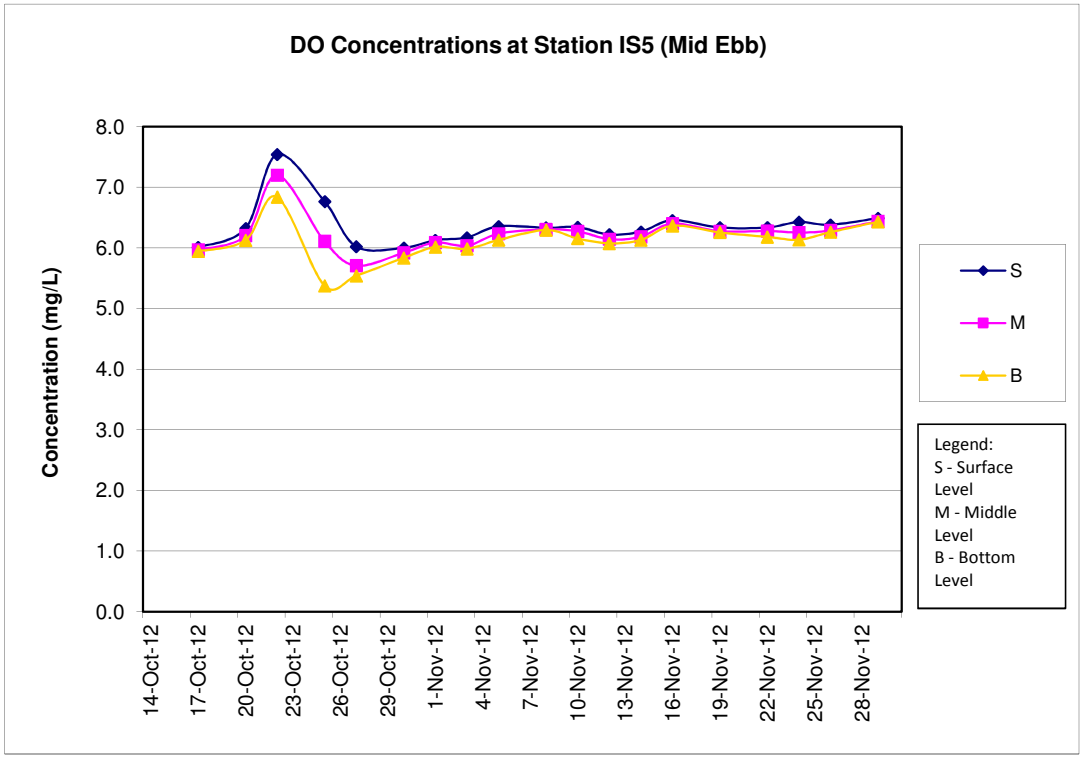
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	IS10	10:12:12	-	Bottom	3	2	22.01	8.24	31.5	88.3	6.4	17.9	23
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR3	--	-	Surface	1	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR3	--	-	Surface	1	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR3	8:18:33	-	Middle	2	1	21.55	8.23	31.1	87.7	6.5	10.3	8.9
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR3	8:19:23	-	Middle	2	2	21.54	8.23	31.1	87	6.4	10.3	8.6
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR3	--	-	Bottom	3	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR3	--	-	Bottom	3	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR4	7:23:08	-	Surface	1	1	21.82	8.22	31.0	87.6	6.4	16.6	15.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR4	7:23:49	-	Surface	1	2	21.81	8.22	30.9	86.9	6.4	16.4	15.8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR4	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR4	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR4	7:24:23	-	Bottom	3	1	21.81	8.22	31.0	86.5	6.3	15.4	16
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR4	7:24:58	-	Bottom	3	2	21.80	8.22	31.0	86.5	6.3	14.4	16.6
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR5	9:55:13	-	Surface	1	1	21.99	8.23	31.4	90.3	6.6	16.0	15.1
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR5	9:55:52	-	Surface	1	2	22.01	8.23	31.4	89.1	6.5	15.1	16.5
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR5	--	-	Middle	2	1	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR5	--	-	Middle	2	2	--	--	--	--	--	--	--
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR5	9:56:19	-	Bottom	3	1	22.00	8.23	31.4	88.6	6.5	17.4	19.9
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR5	9:57:21	-	Bottom	3	2	22.00	8.23	31.4	88.2	6.4	19.8	21.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10A	6:30:29	-	Surface	1	1	22.33	8.18	31.5	87.2	6.3	7.5	7.7
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10A	6:31:20	-	Surface	1	2	22.33	8.19	31.5	86.9	6.3	7.6	6.1
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10A	6:32:25	-	Middle	2	1	22.35	8.21	31.5	86.5	6.3	8.1	6.8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10A	6:32:47	-	Middle	2	2	22.35	8.21	31.5	86.5	6.3	8.0	6.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10A	6:33:32	-	Bottom	3	1	22.36	8.22	31.5	86.2	6.2	9.6	9.6
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10A	6:34:03	-	Bottom	3	2	22.36	8.22	31.5	86.3	6.2	9.7	8.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10B	6:42:16	-	Surface	1	1	22.65	8.24	32.2	86.2	6.2	9.8	10.7
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10B	6:43:07	-	Surface	1	2	22.65	8.24	32.2	85.7	6.2	9.8	9.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10B	6:44:04	-	Middle	2	1	22.65	8.24	32.2	85.3	6.1	10.1	8.8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10B	6:45:23	-	Middle	2	2	22.65	8.24	32.2	85.2	6.1	10.0	7.6
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10B	6:45:55	-	Bottom	3	1	22.65	8.24	32.2	84.9	6.1	10.3	9.8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	SR10B	6:46:45	-	Bottom	3	2	22.65	8.24	32.2	85	6.1	10.3	8.1
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS2	9:08:28	-	Surface	1	1	22.09	8.22	31.2	89.6	6.5	11.7	16.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS2	9:09:14	-	Surface	1	2	22.11	8.23	31.2	88.7	6.5	18.8	15.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS2	9:09:59	-	Middle	2	1	22.12	8.23	31.3	88.2	6.4	24.0	24
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS2	9:10:54	-	Middle	2	2	22.13	8.23	31.3	87.9	6.4	27.2	23.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS2	9:11:55	-	Bottom	3	1	22.13	8.23	31.3	87.7	6.4	31.9	16.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS2	9:12:26	-	Bottom	3	2	22.13	8.23	31.3	87.6	6.4	30.8	17
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS(Mf)5	7:03:36	-	Surface	1	1	22.02	8.24	31.3	89.2	6.5	8.4	7.8
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS(Mf)5	7:04:20	-	Surface	1	2	22.00	8.24	31.3	88.8	6.5	8.6	7.9
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS(Mf)5	7:05:09	-	Middle	2	1	22.09	8.25	31.5	88.8	6.5	11.2	10.3
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS(Mf)5	7:05:42	-	Middle	2	2	22.09	8.25	31.5	88.9	6.5	10.9	9.2
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS(Mf)5	7:06:56	-	Bottom	3	1	22.14	8.26	31.6	88.7	6.4	20.3	20.4
HKLR	HY/2011/03	2012-11-29	Mid-Flood	Sunny	CS(Mf)5	7:08:03	-	Bottom	3	2	22.14	8.26	31.6	88.6	6.4	19.6	20.8

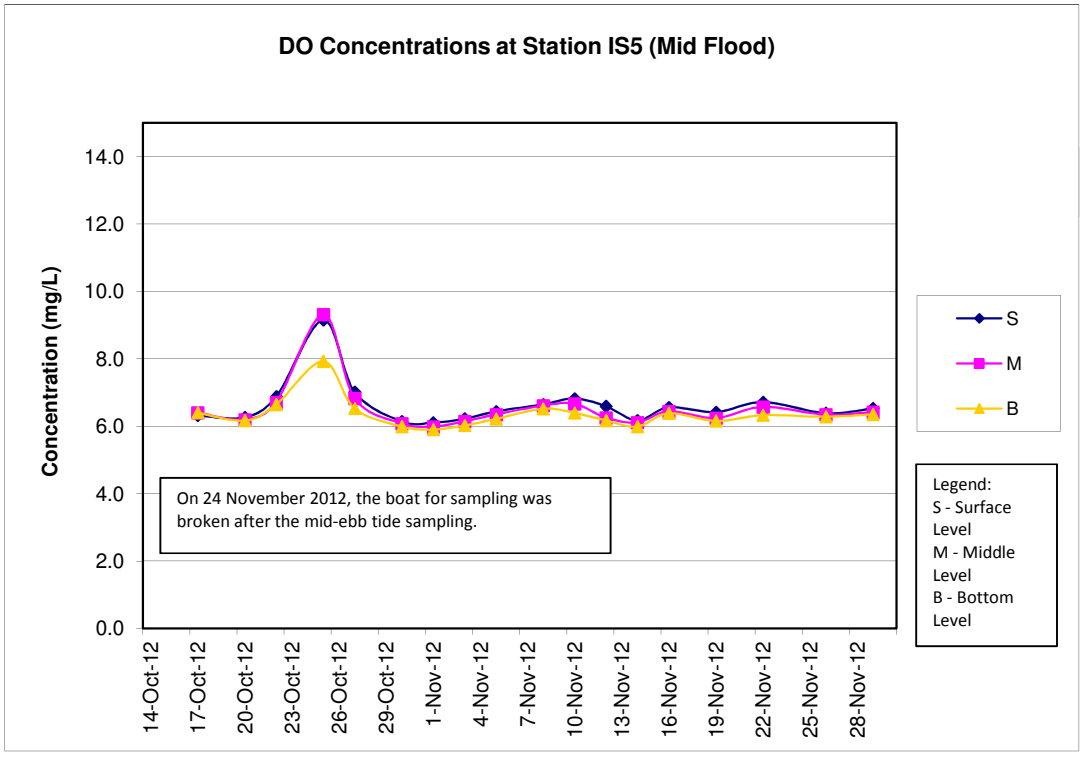

DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
As the permit for entering into restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012.
The boat which is permitted to access AA restricted areas was under repair on 26 November 2012.
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

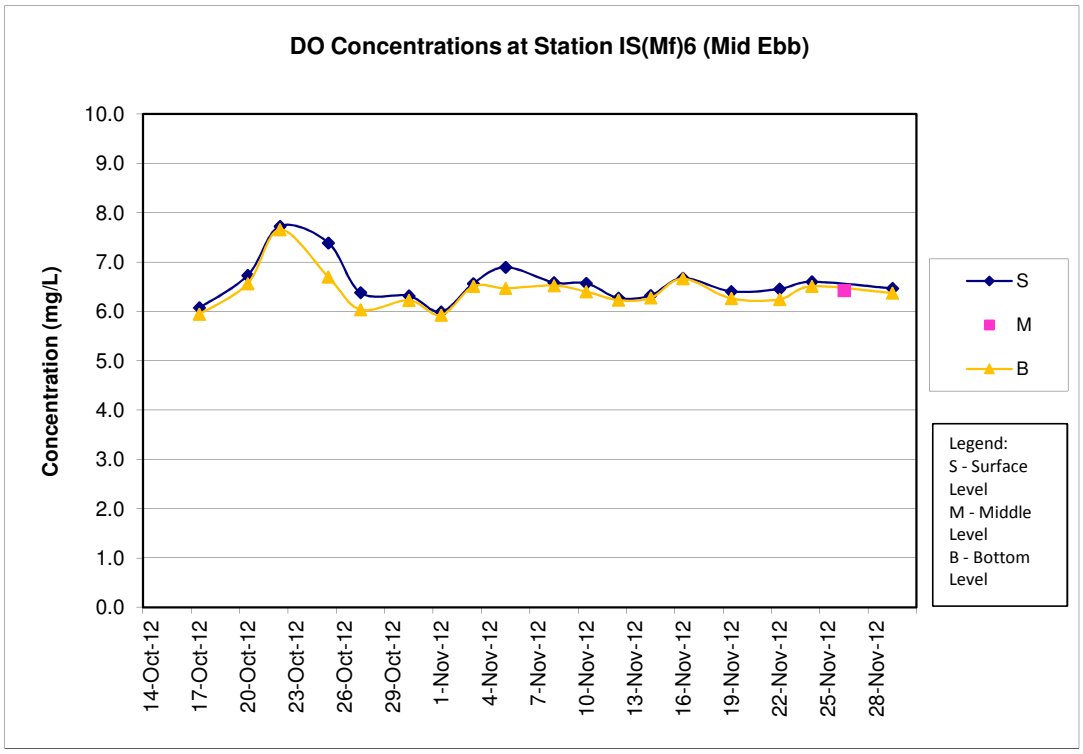

DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
M
B
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

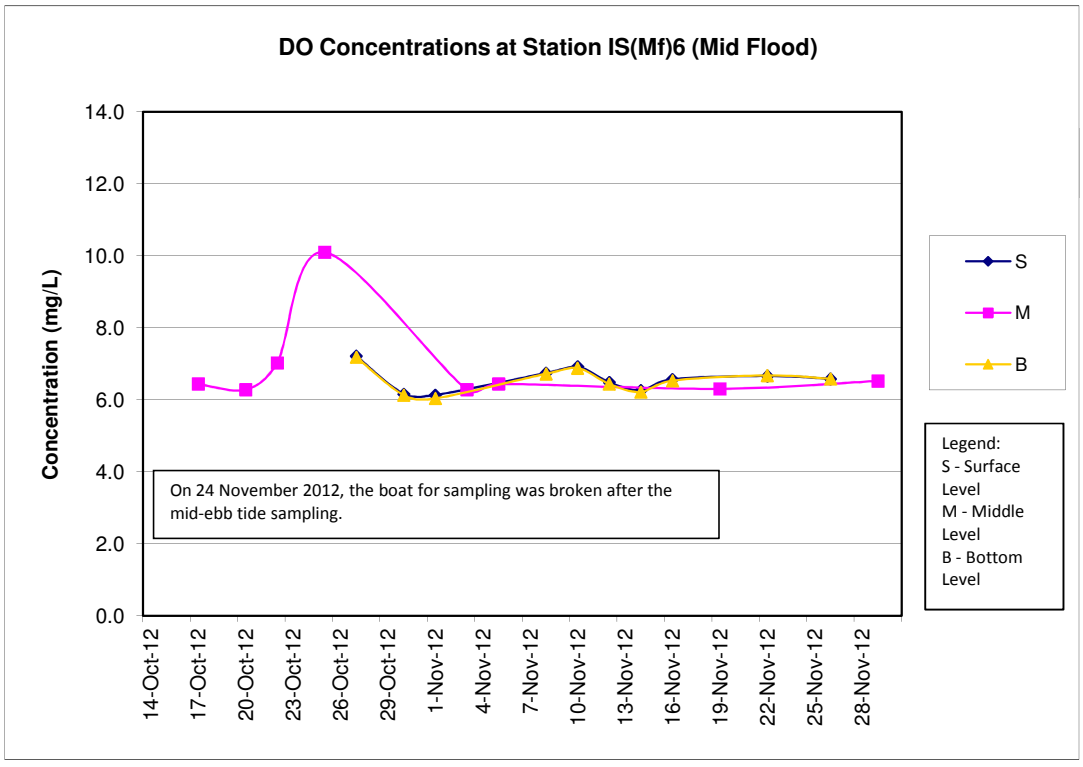

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2012/10/14
2012/10/17
2012/10/20
2012/10/23
2012/10/26
2012/10/29
2012/11/01
2012/11/04
2012/11/07
2012/11/10
2012/11/13
2012/11/16
2012/11/19
2012/11/22
2012/11/25
2012/11/28
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

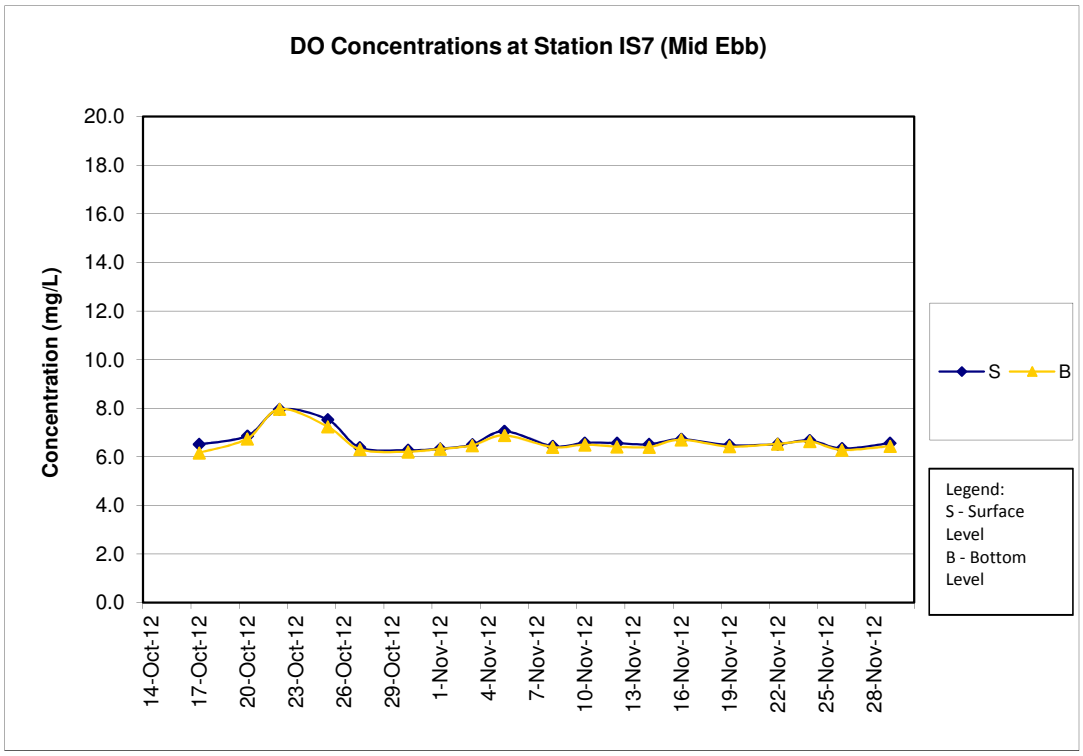

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

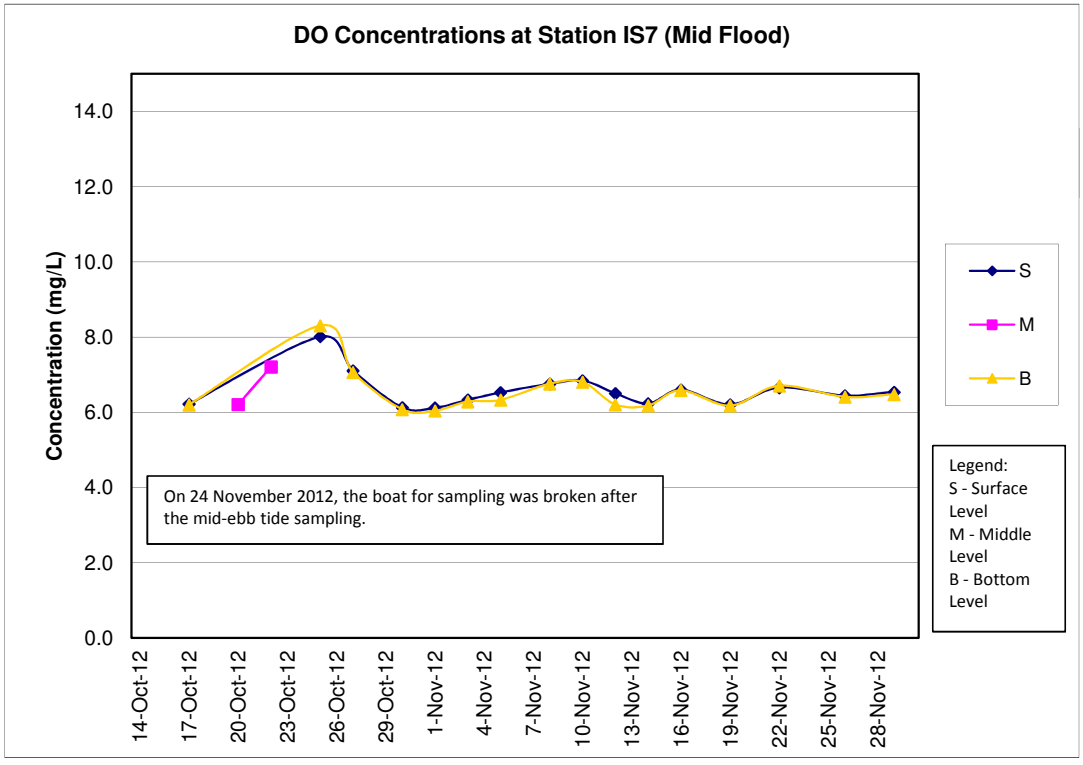

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

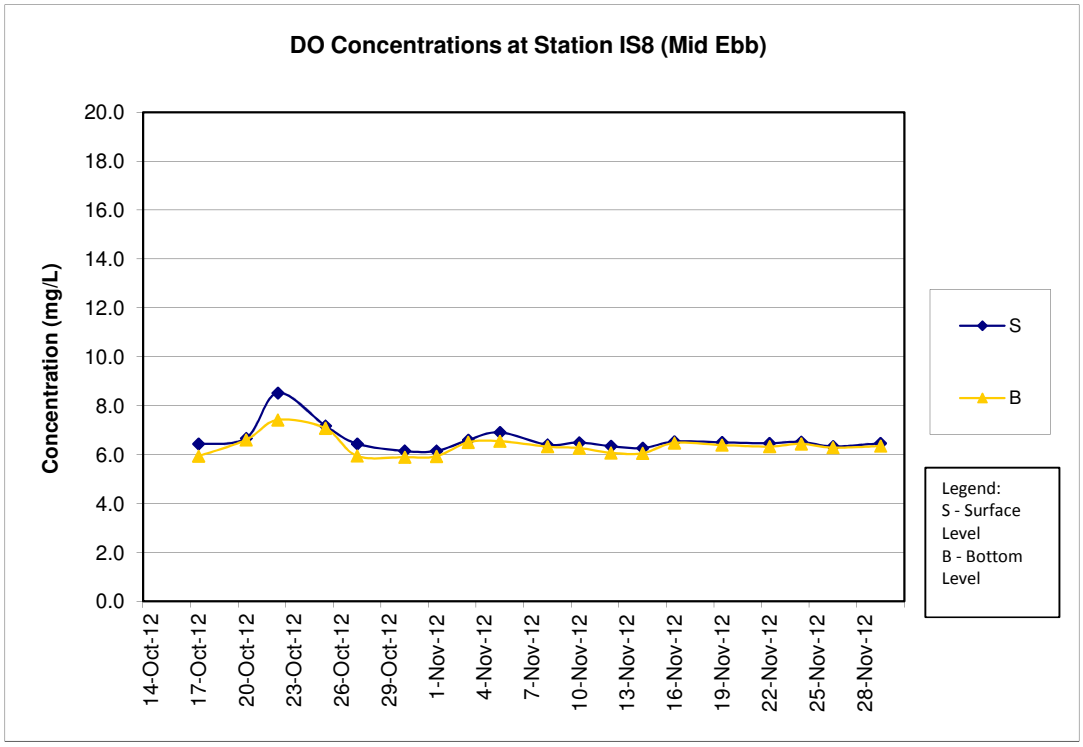

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

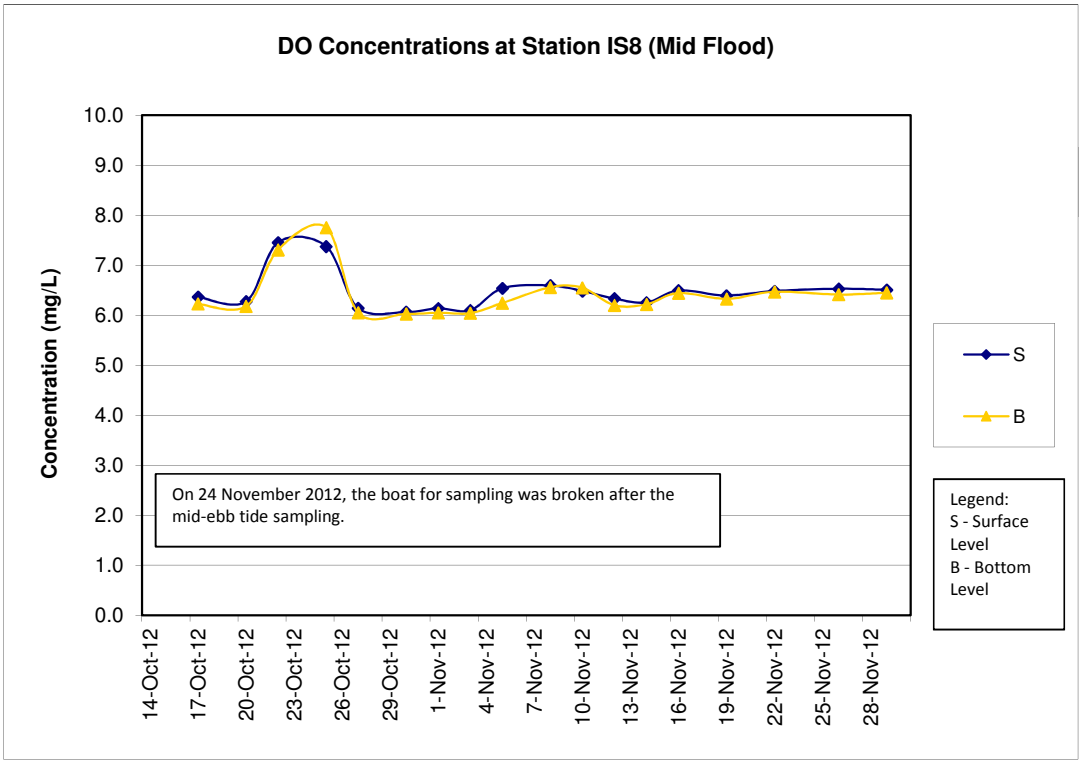

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

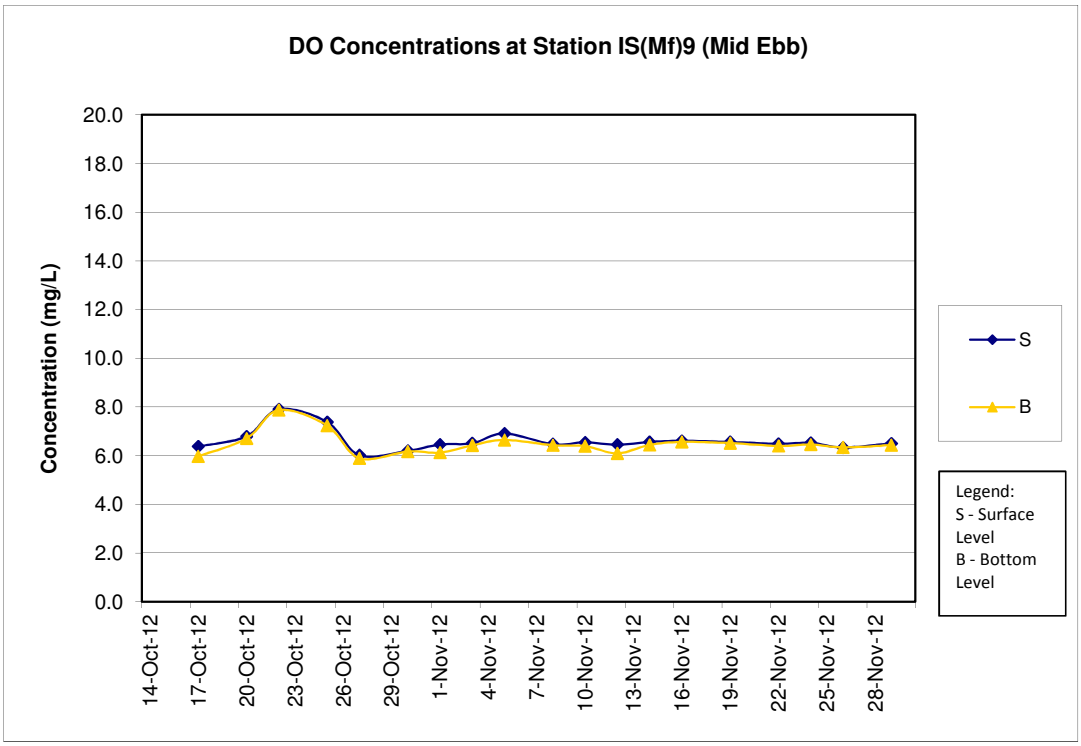

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

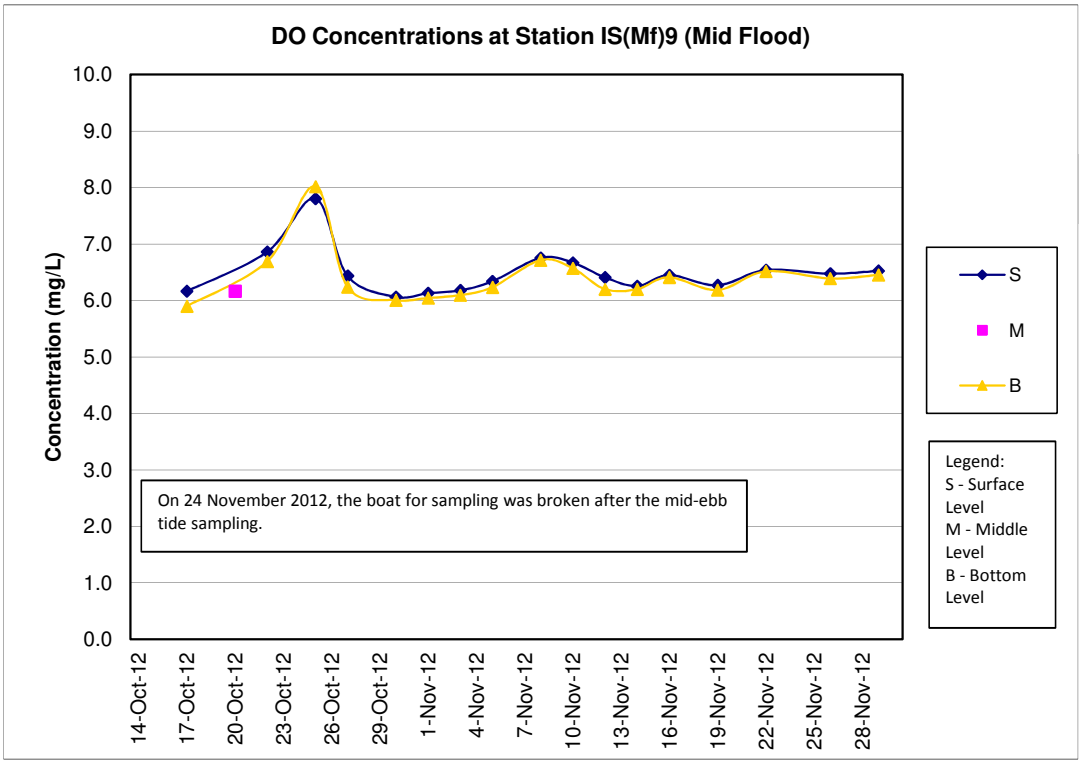

DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

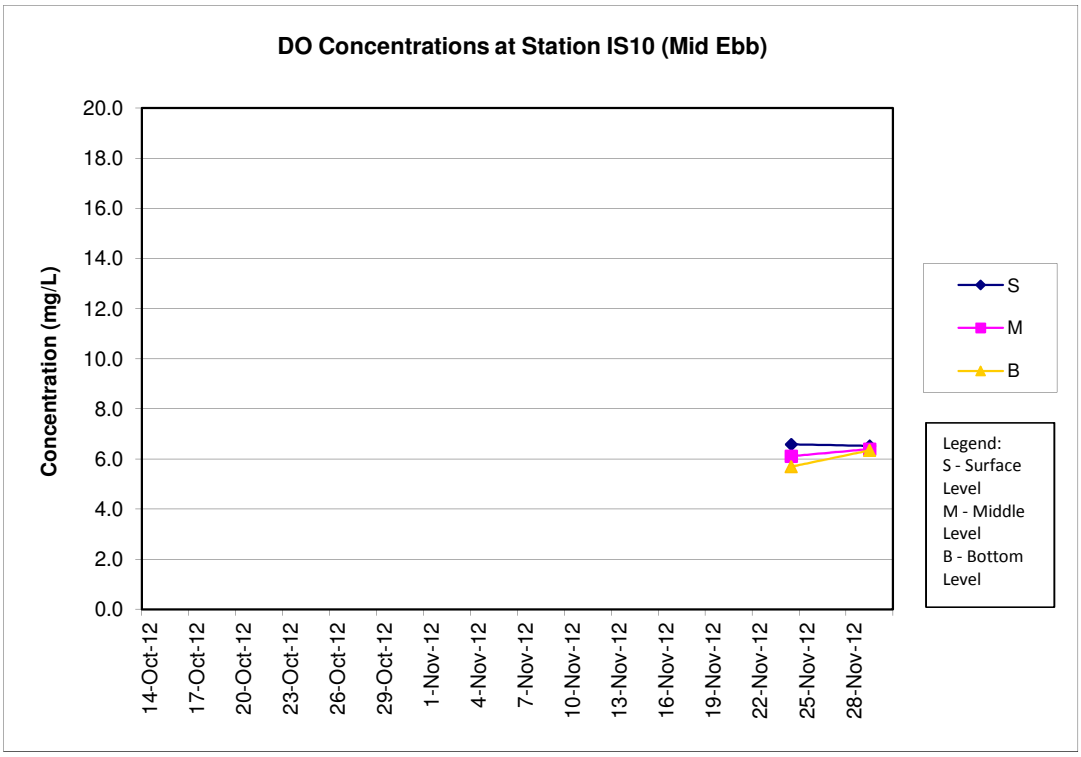

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

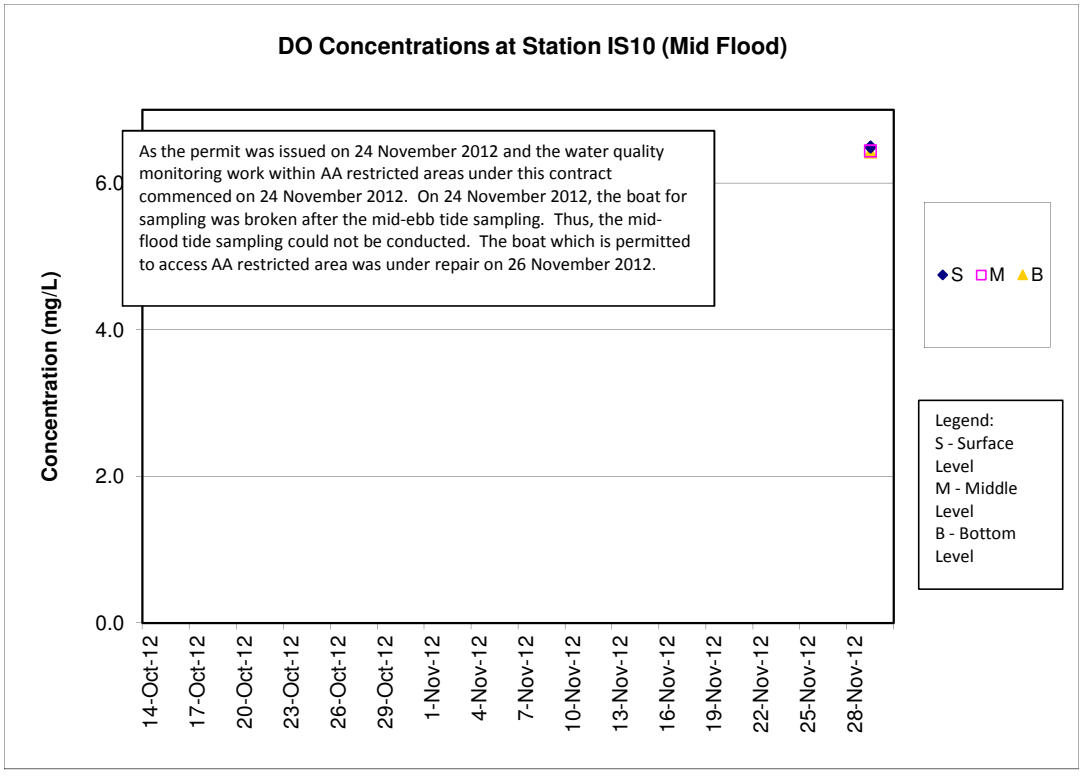

DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

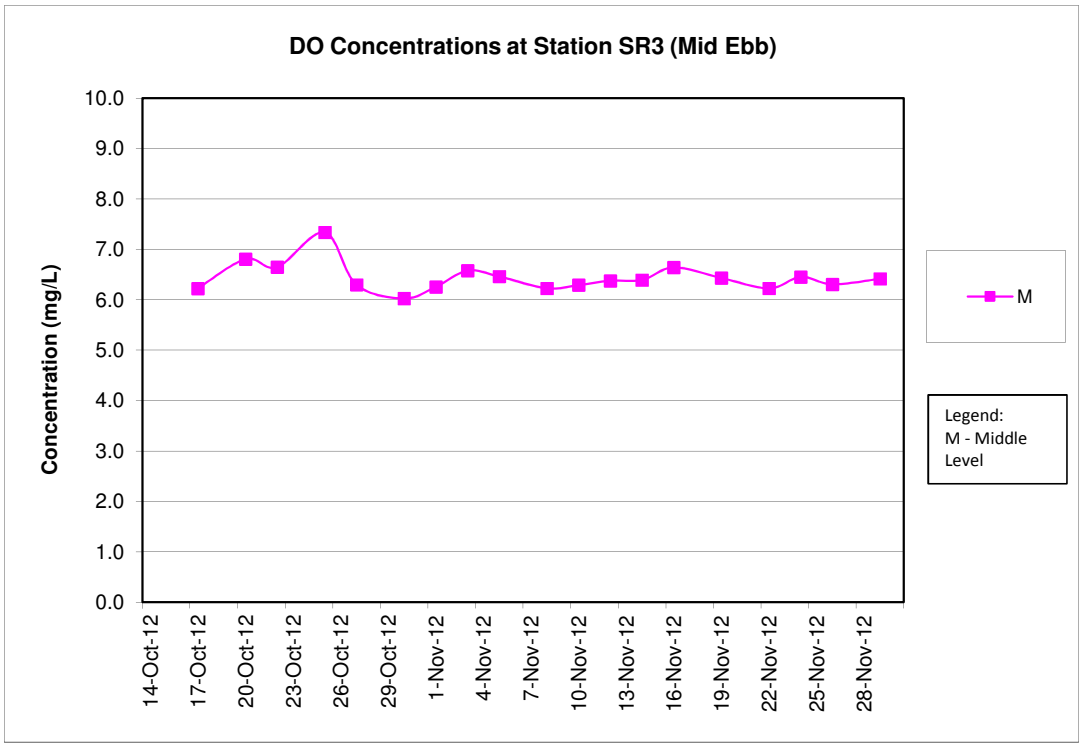

DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
B
Legend:
S - Surface Level
B - Bottom Level

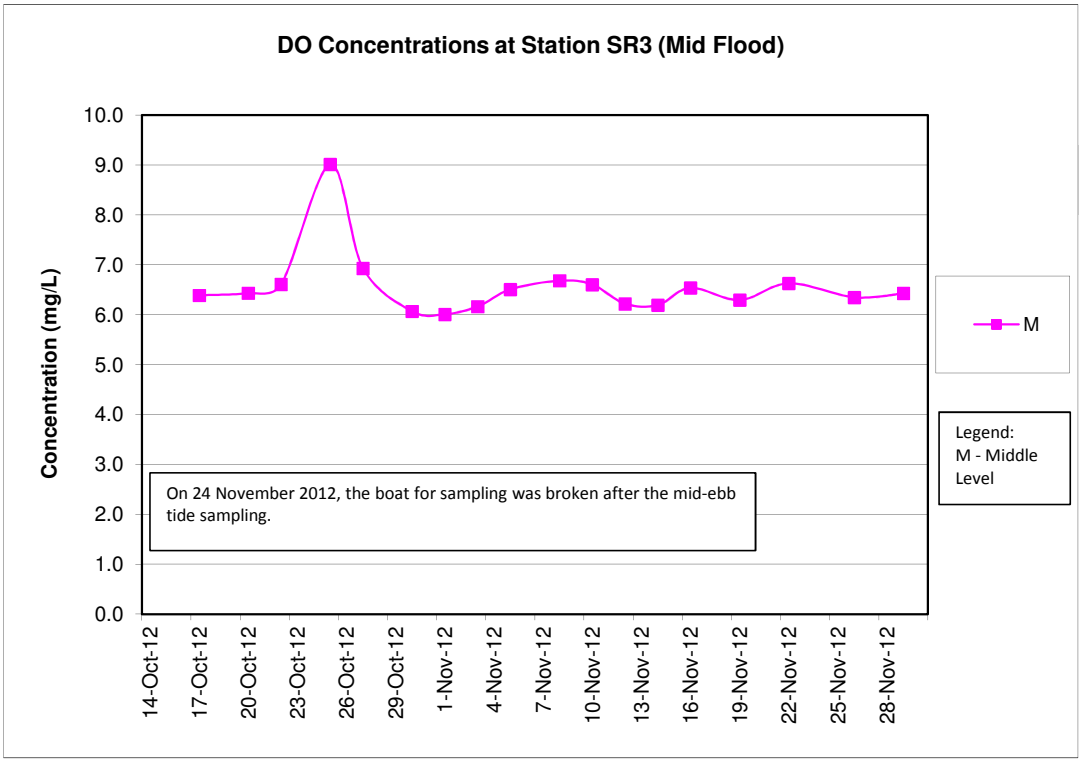

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

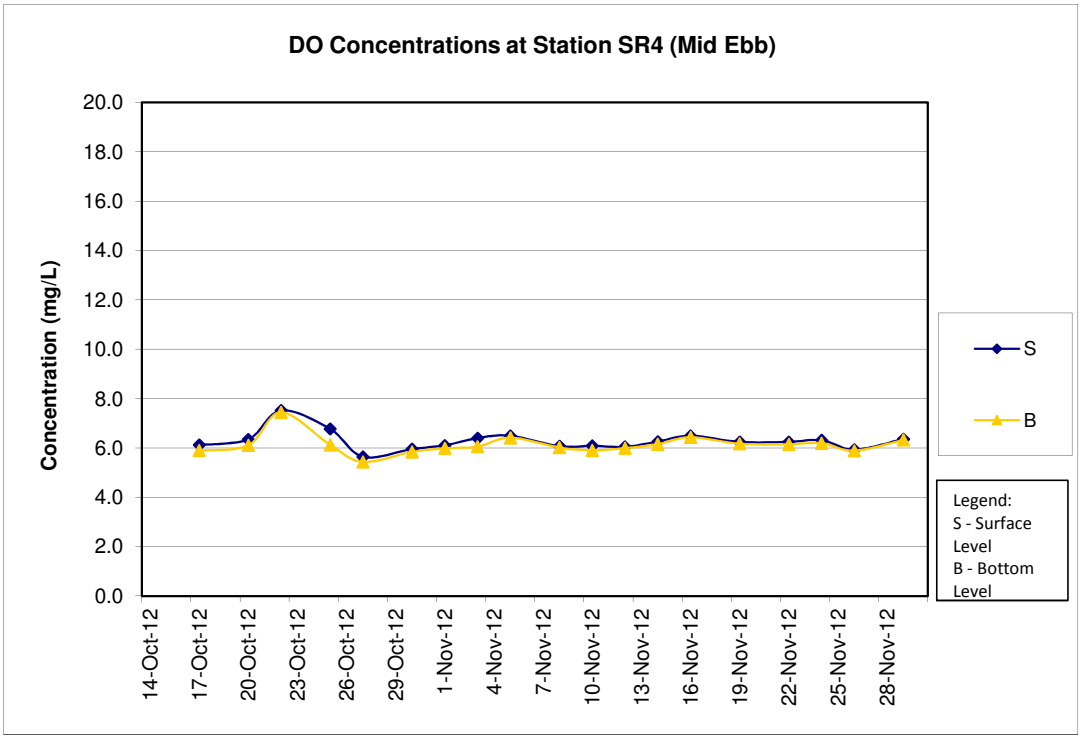

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

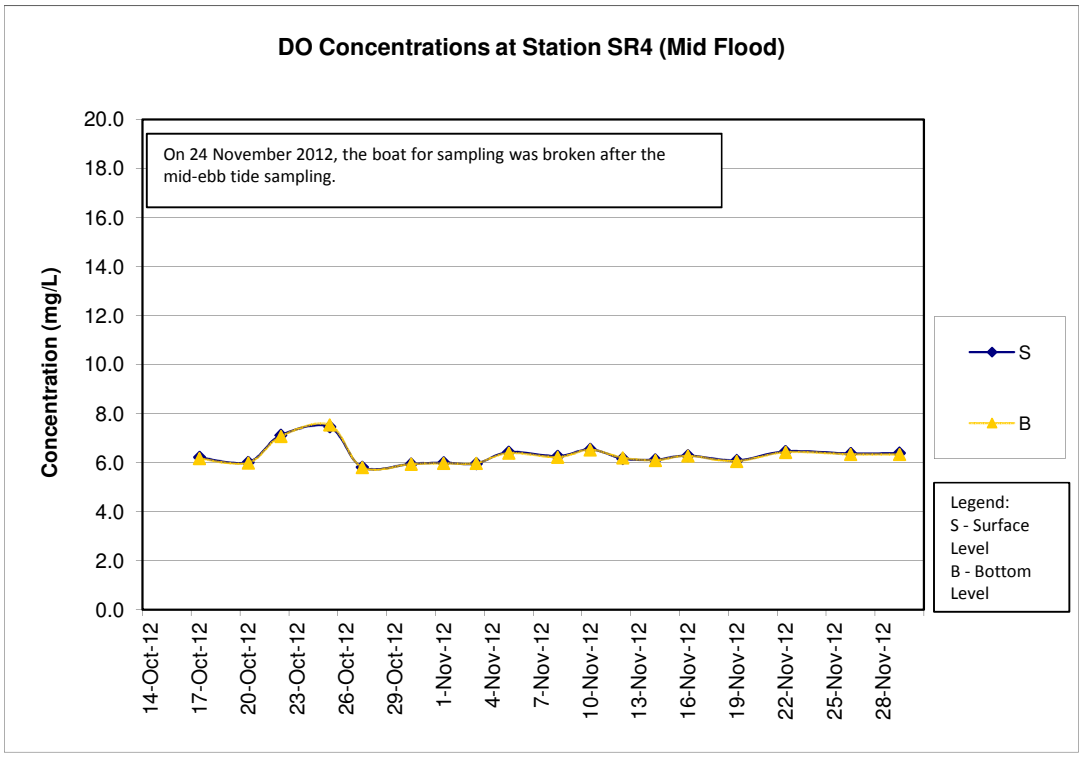

DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

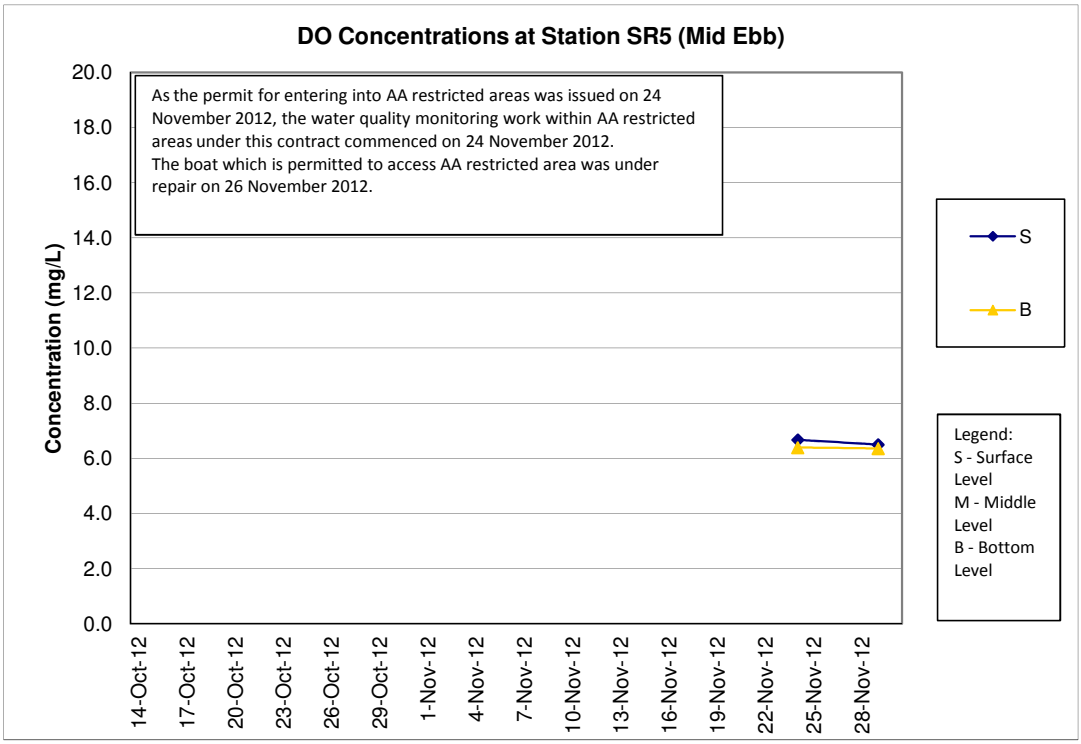

DO Concentrations at Station IS10 (Mid Flood)
As the permit was issued on 24 November 2012 and the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

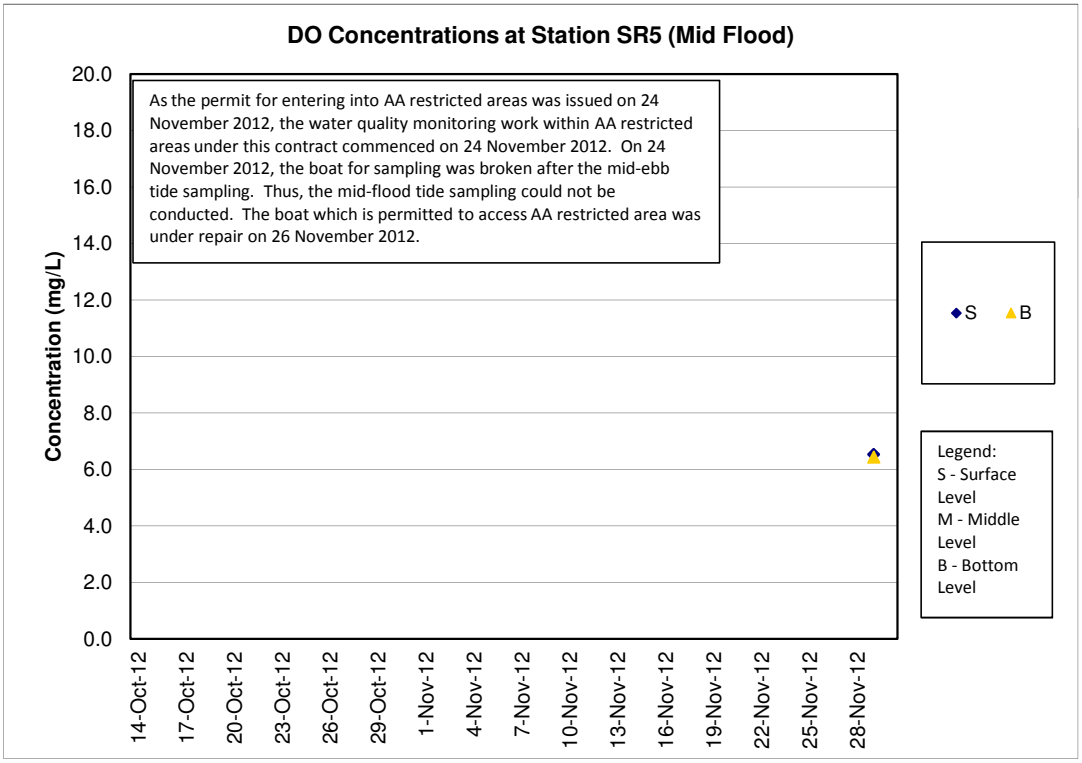

DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
M
Legend:
M - Middle Level

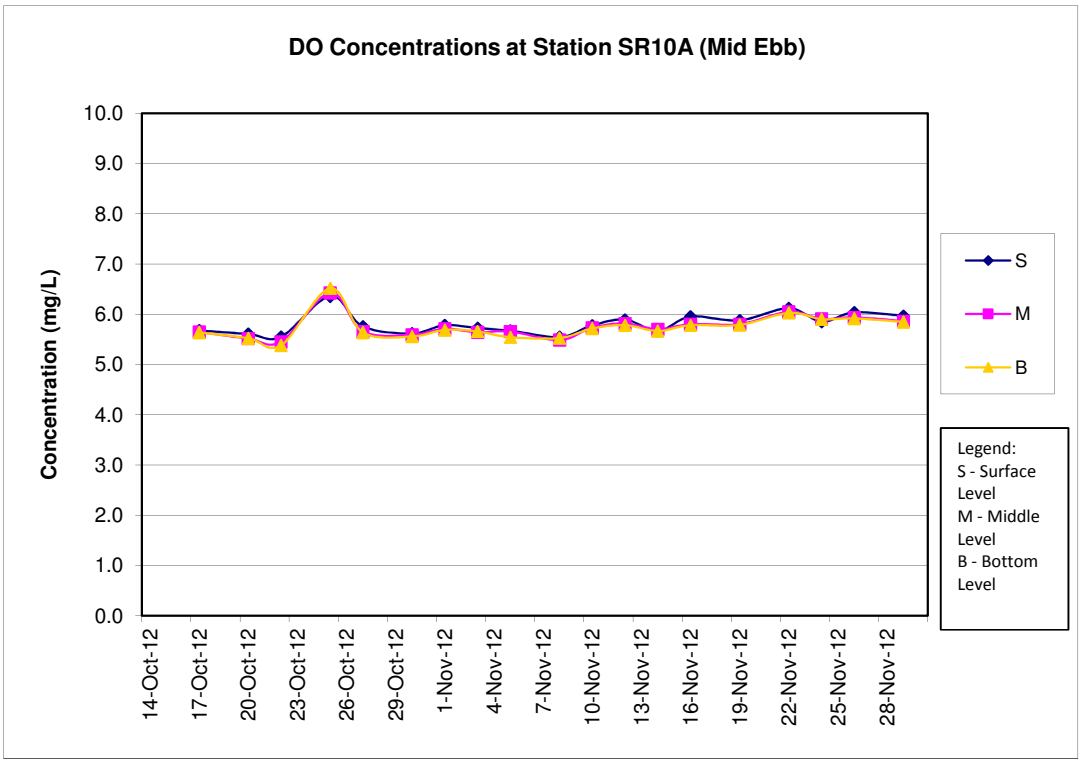

DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
M
Legend:
M - Middle Level
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.

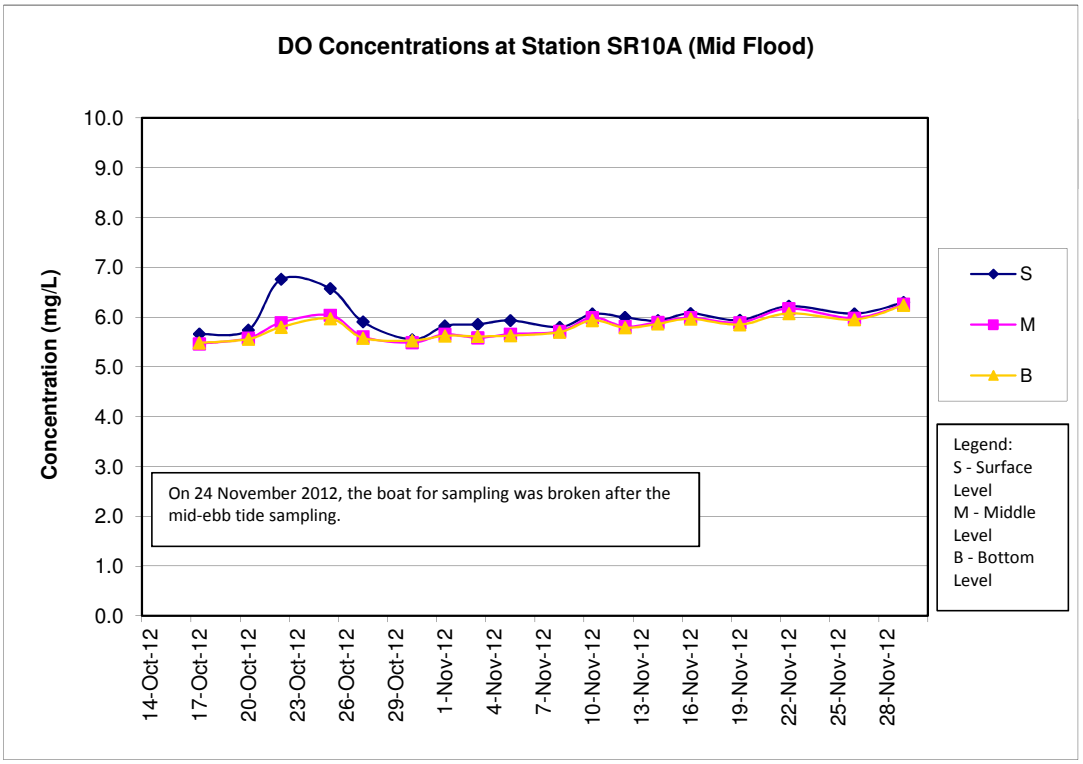

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

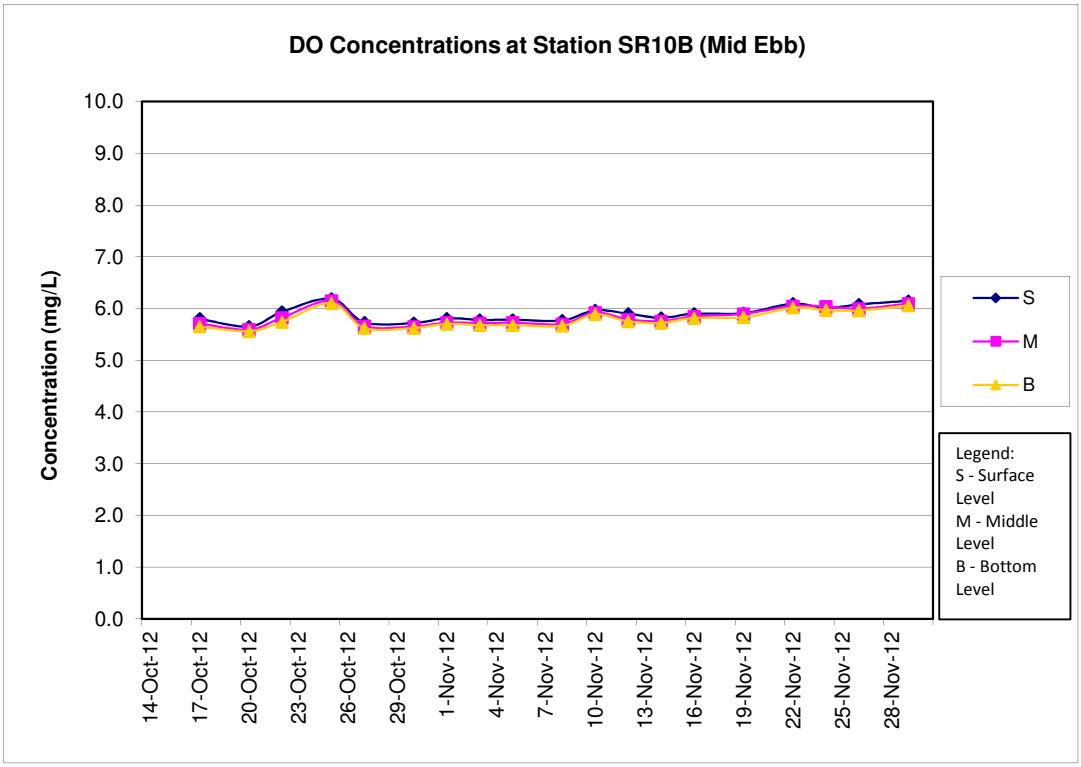

DO Concentrations at Station SR4 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

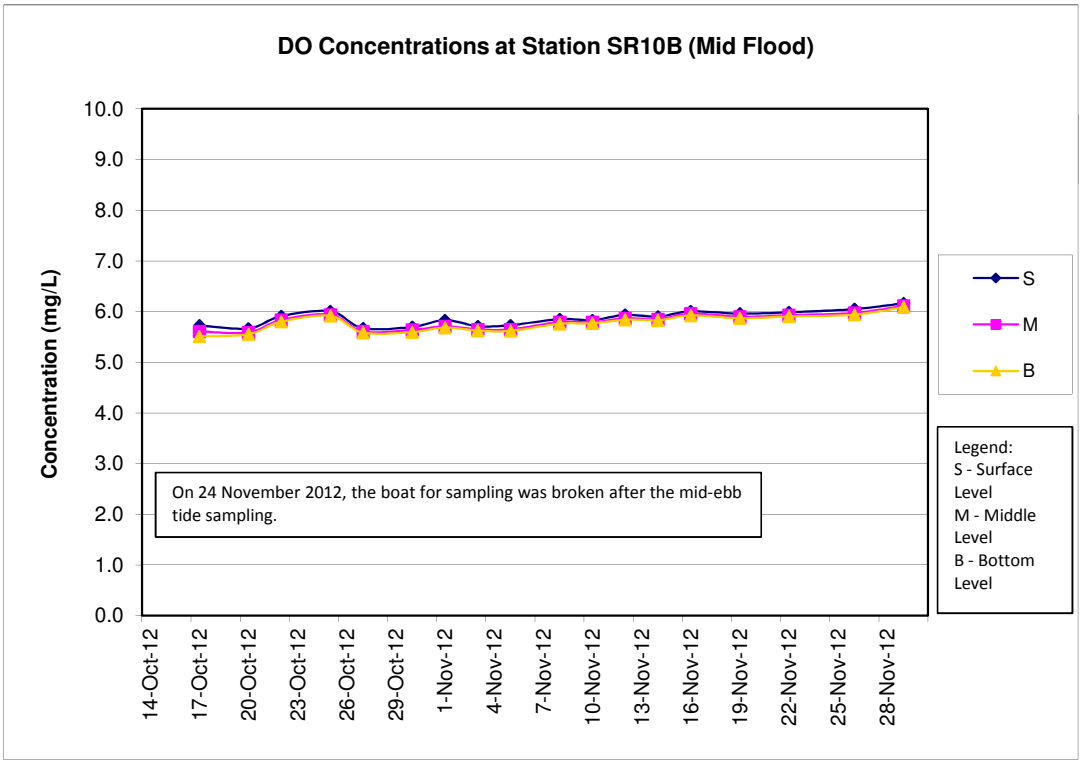

DO Concentrations at Station SR5 (Mid Ebb)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012.
The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

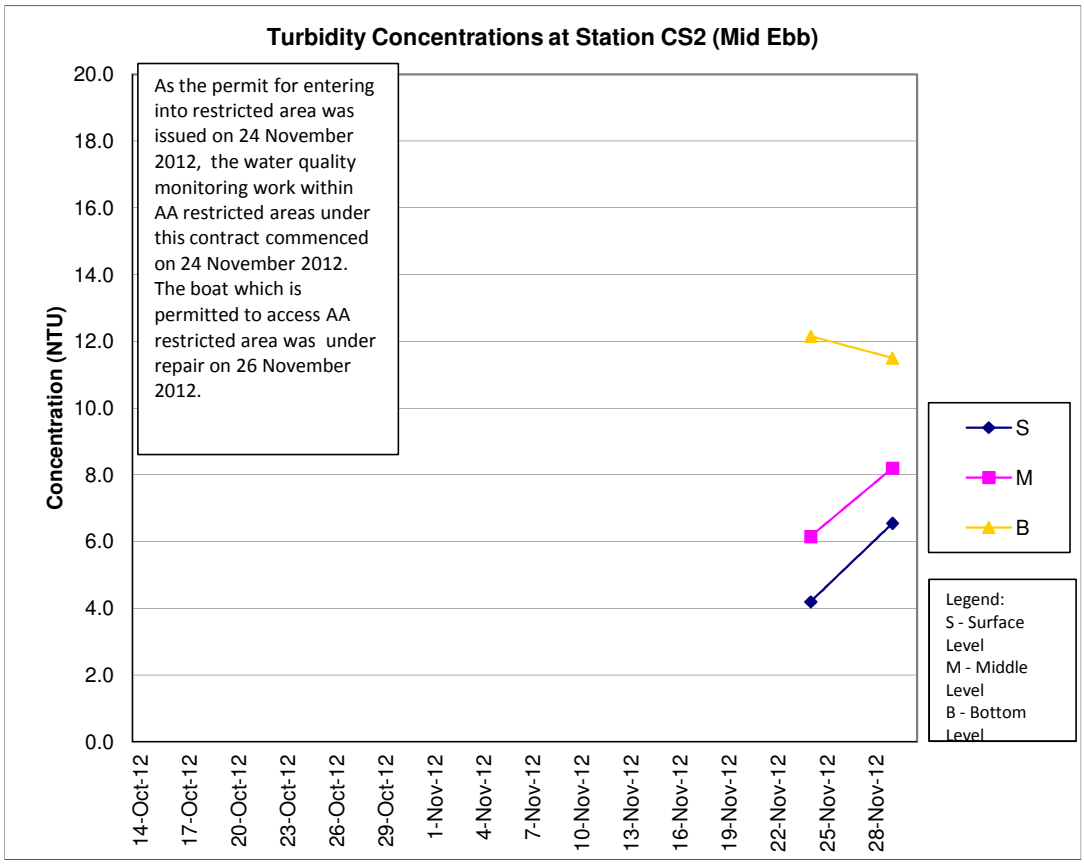

DO Concentrations at Station SR5 (Mid Flood)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

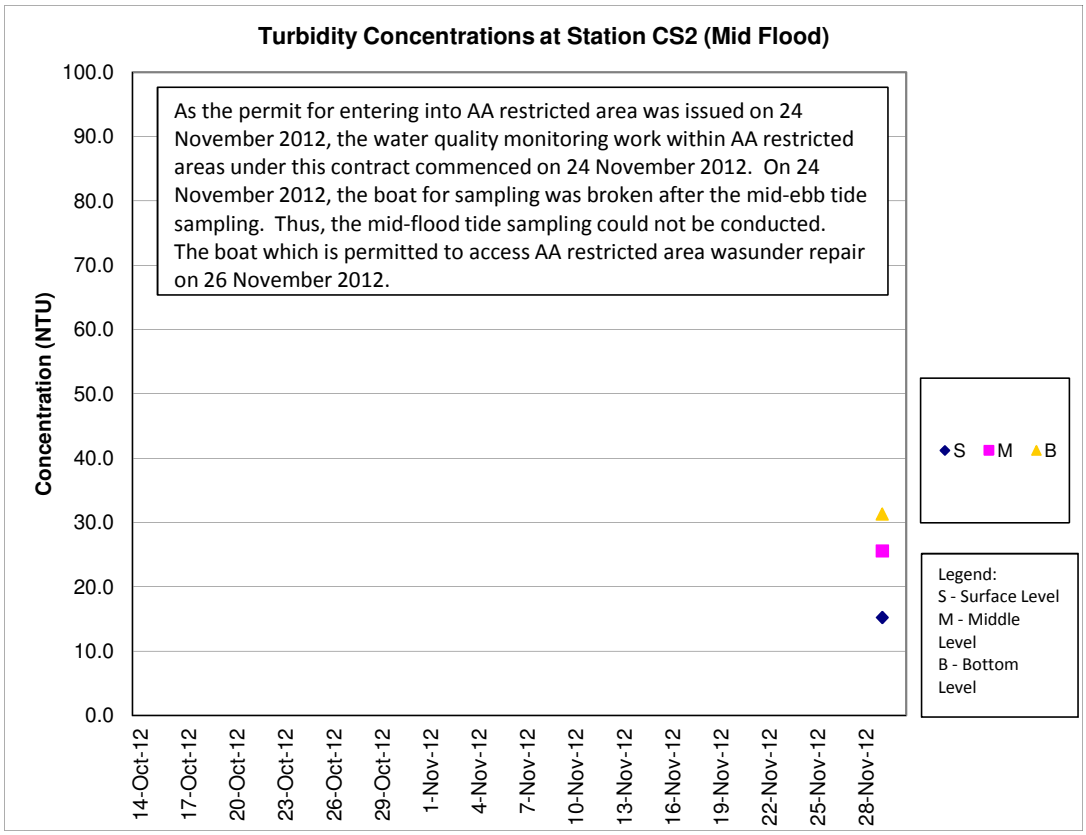

DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

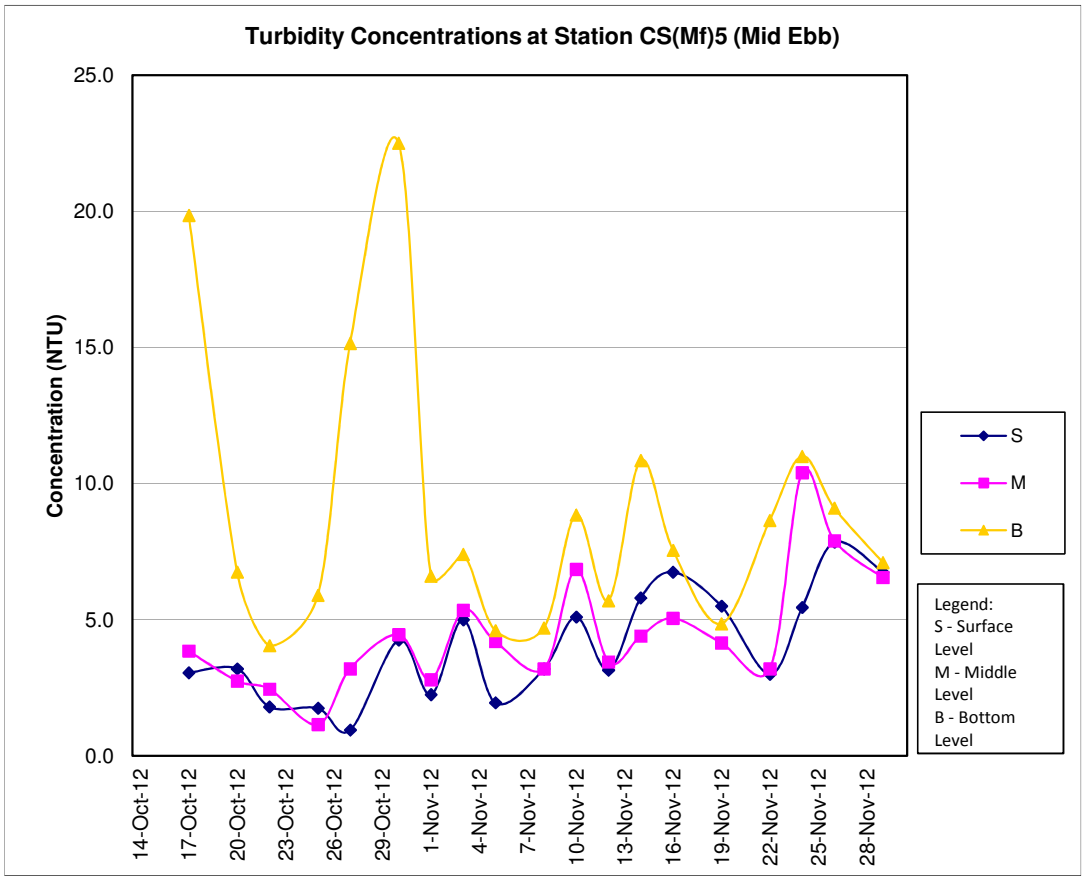

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.

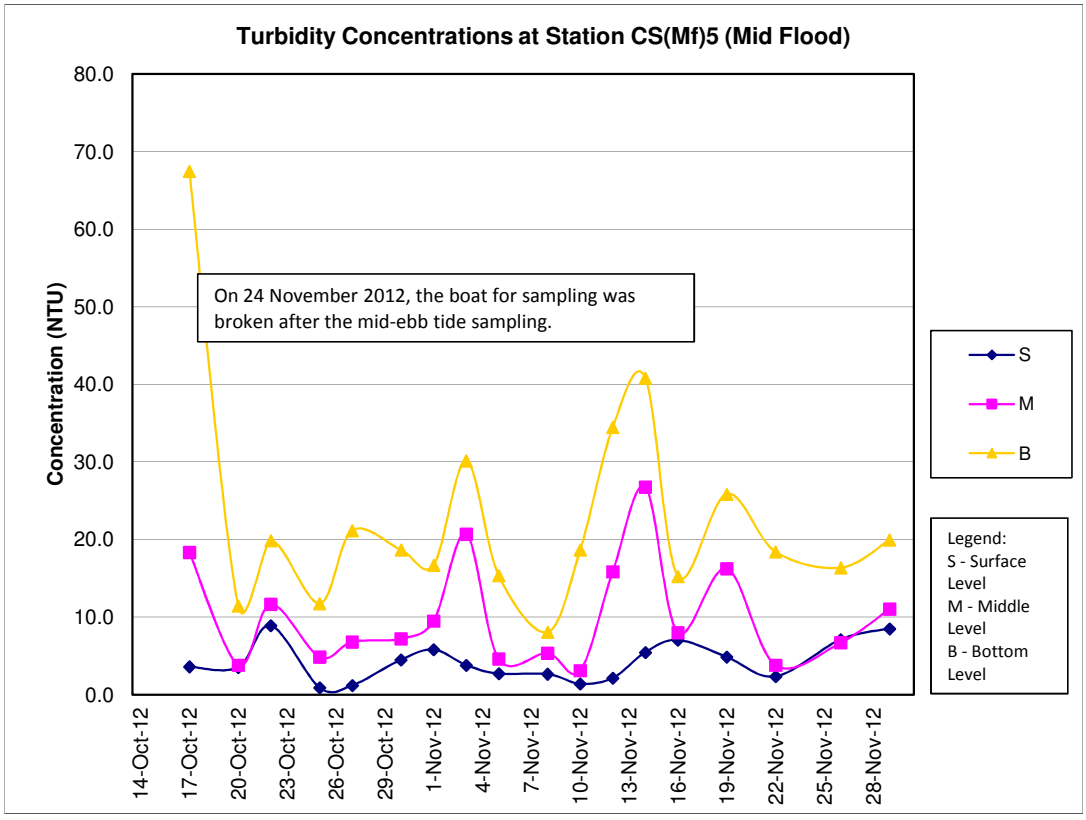

DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station CS2 (Mid Ebb)
As the permit for entering into restricted area was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station CS2 (Mid Flood)
As the permit for entering into AA restricted area was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area wasunder repair on 26 November 2012.
Concentration (NTU)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
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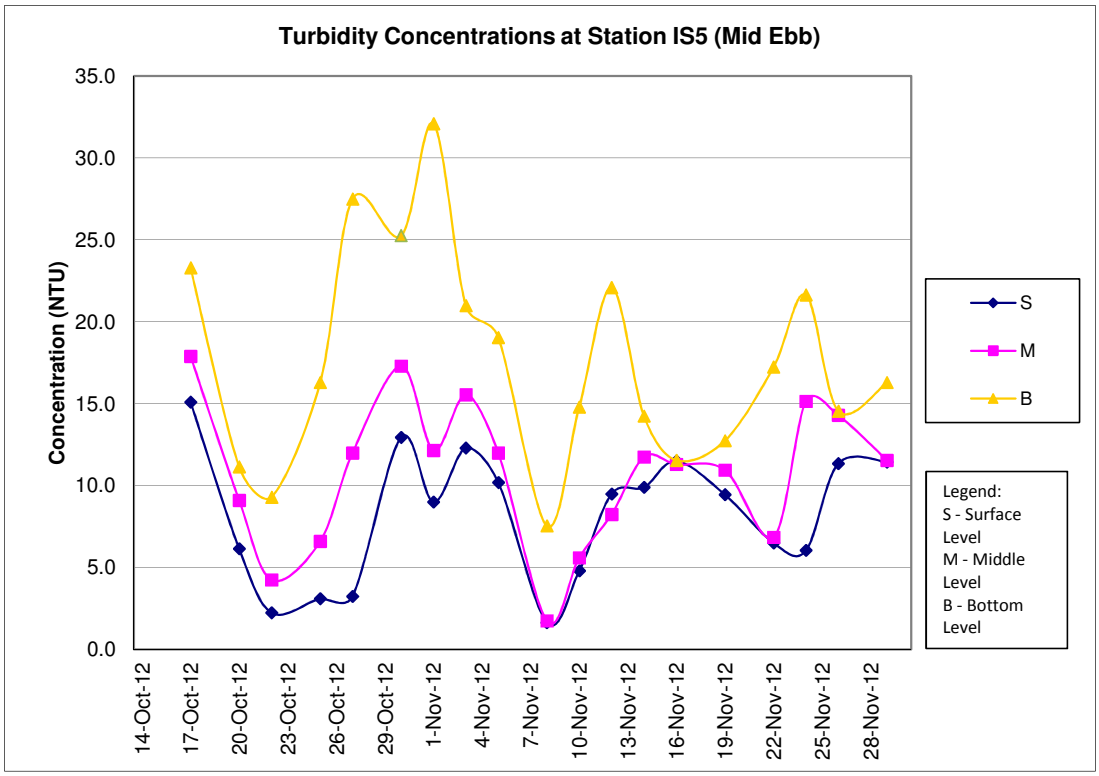
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
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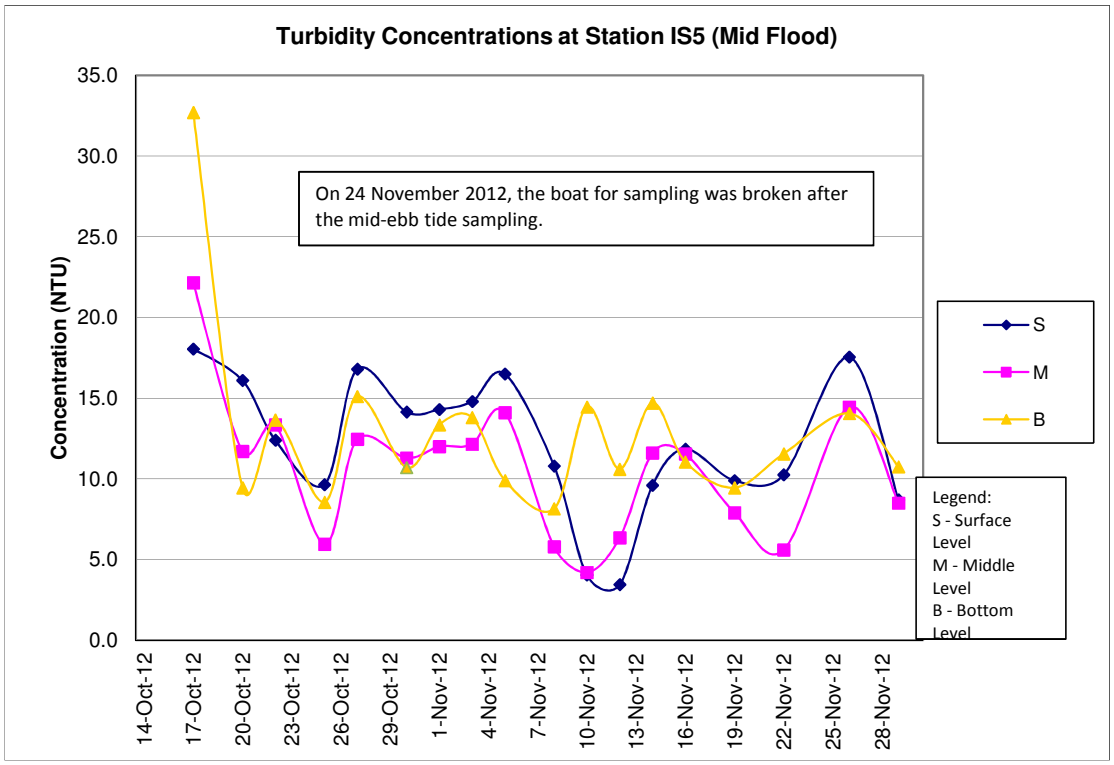
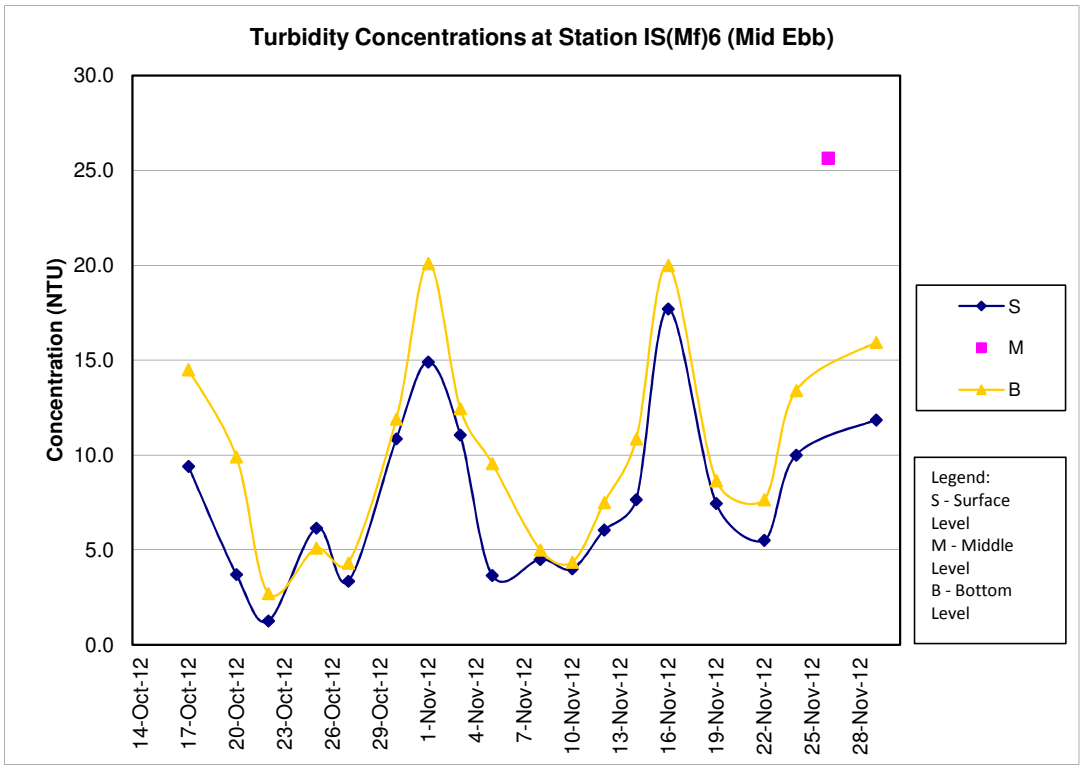
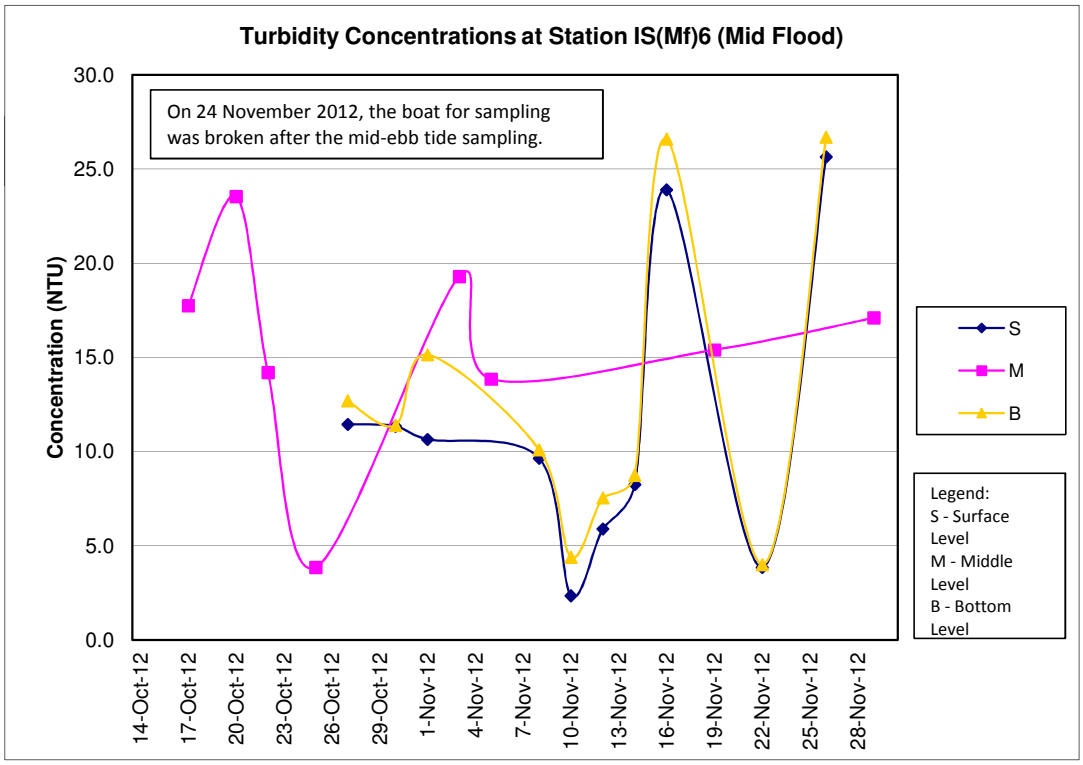
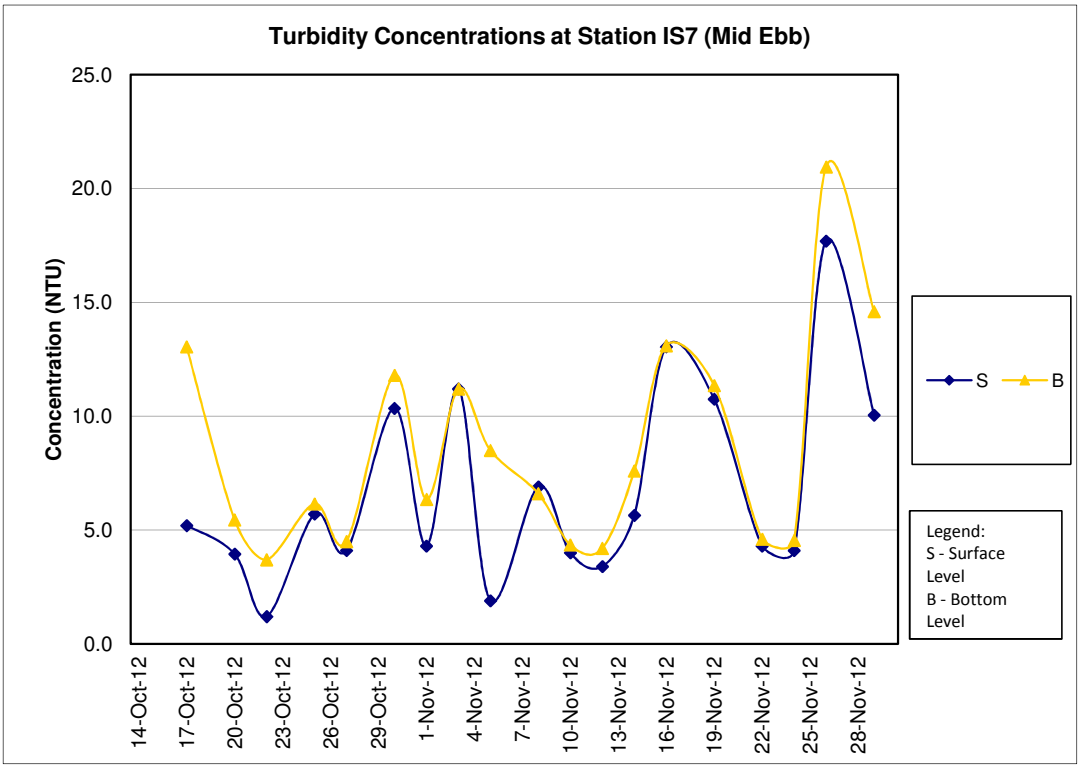
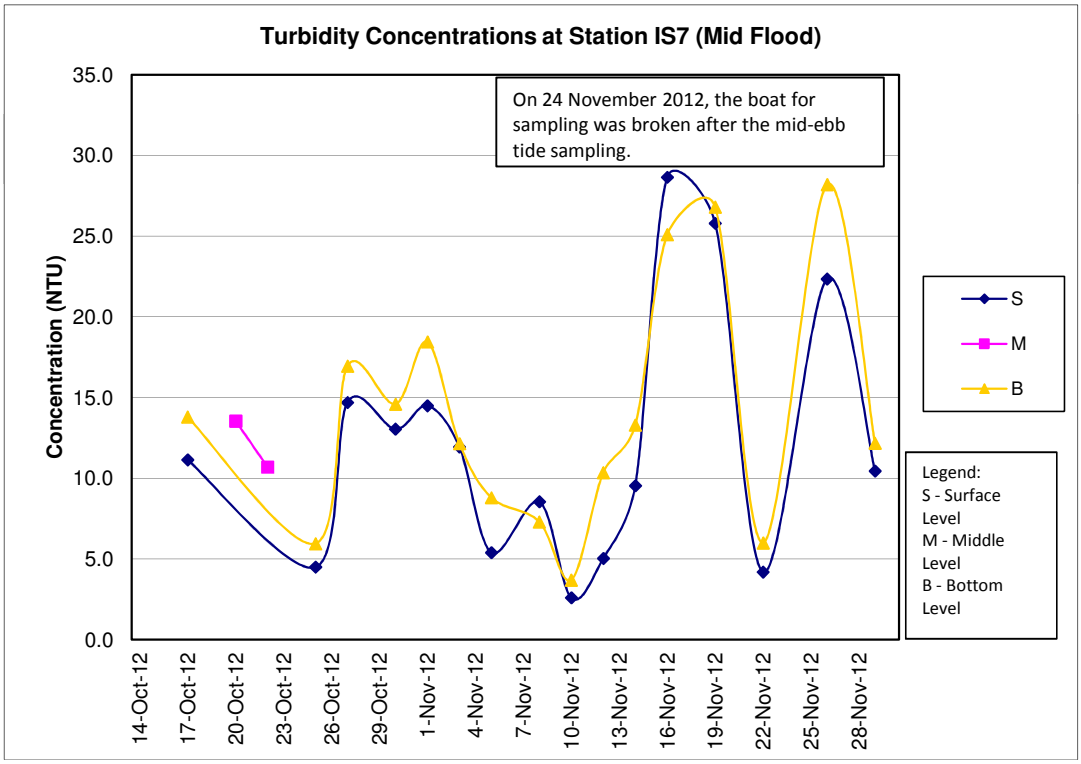
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

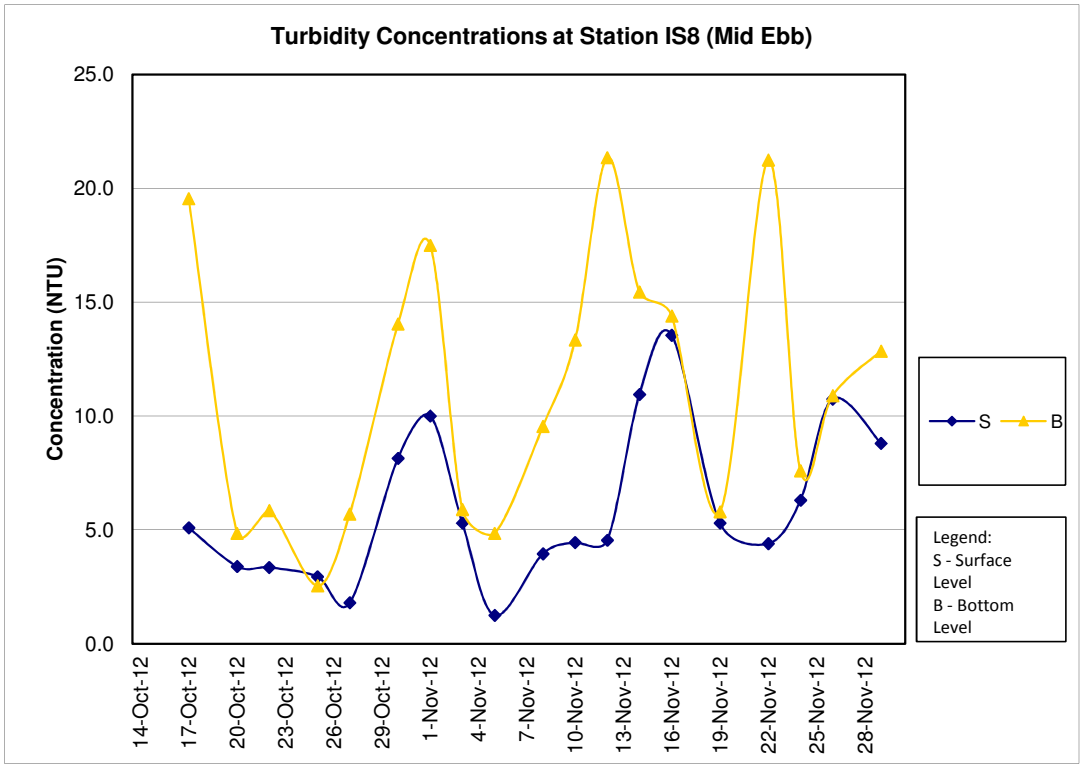

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

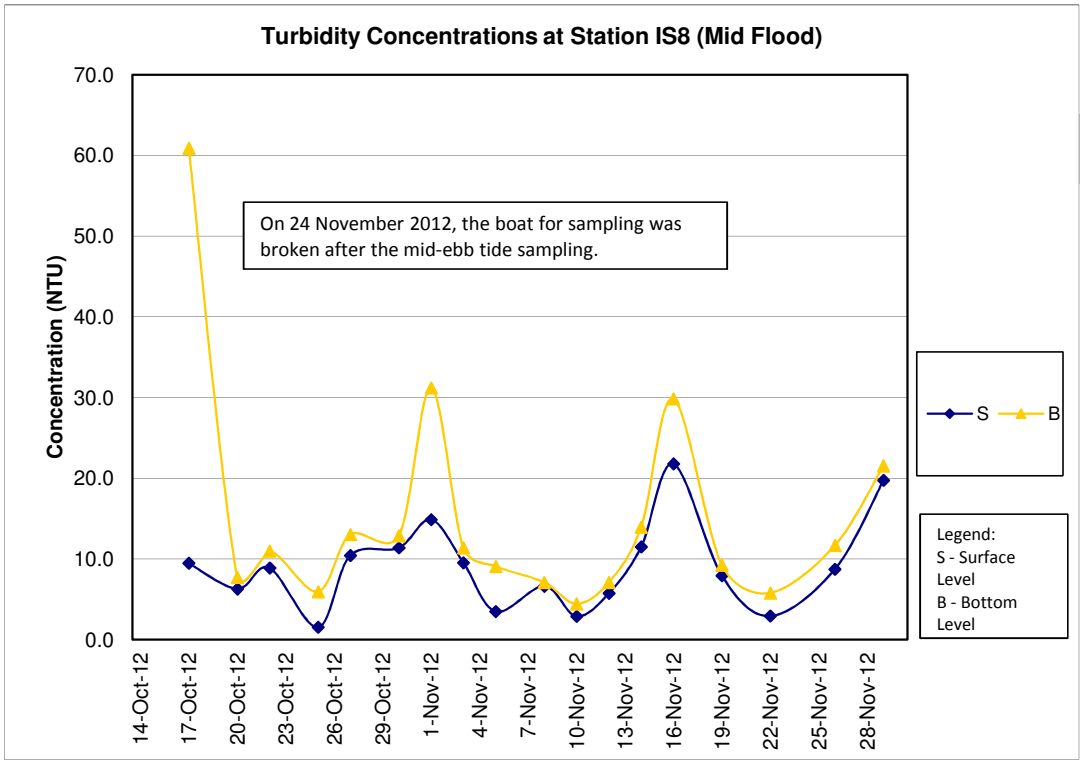

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

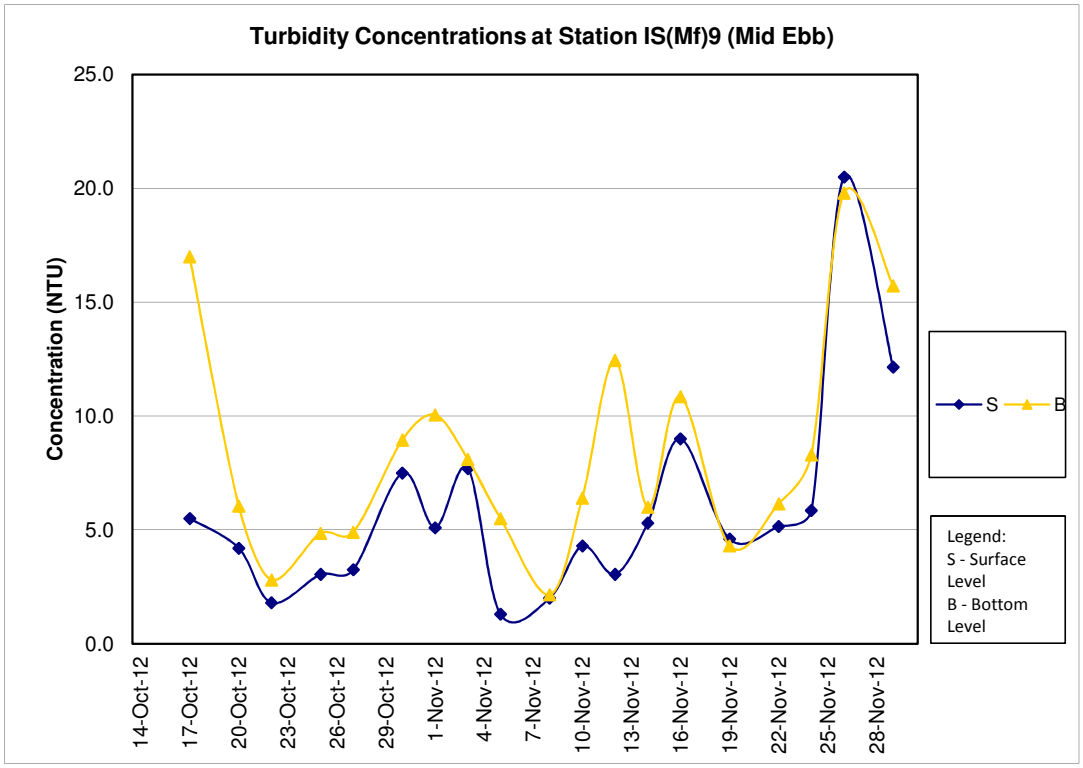

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

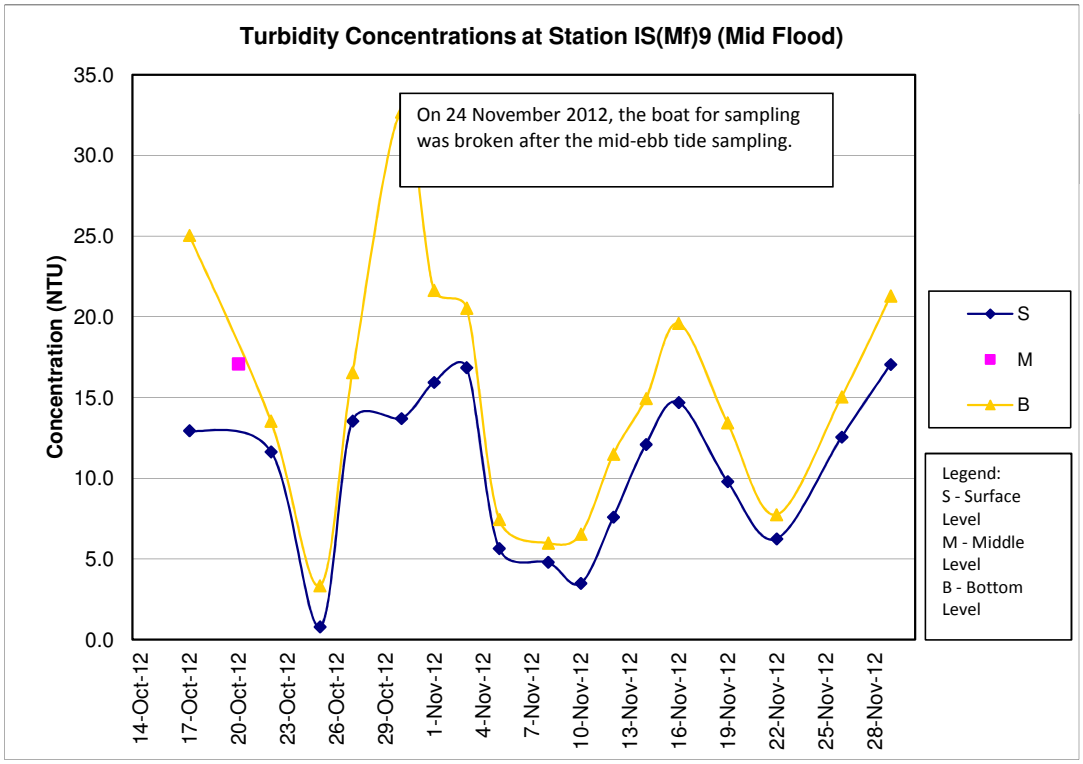

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

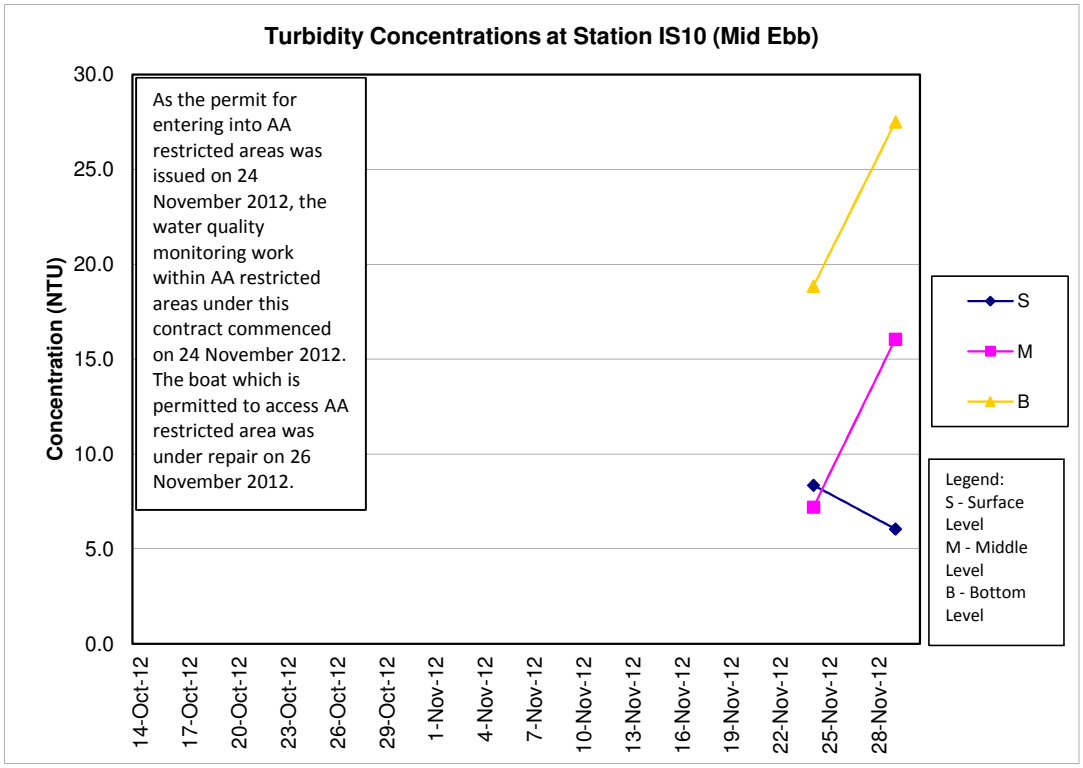

Turbidity Concentrations at Station IS7 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (NTU)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

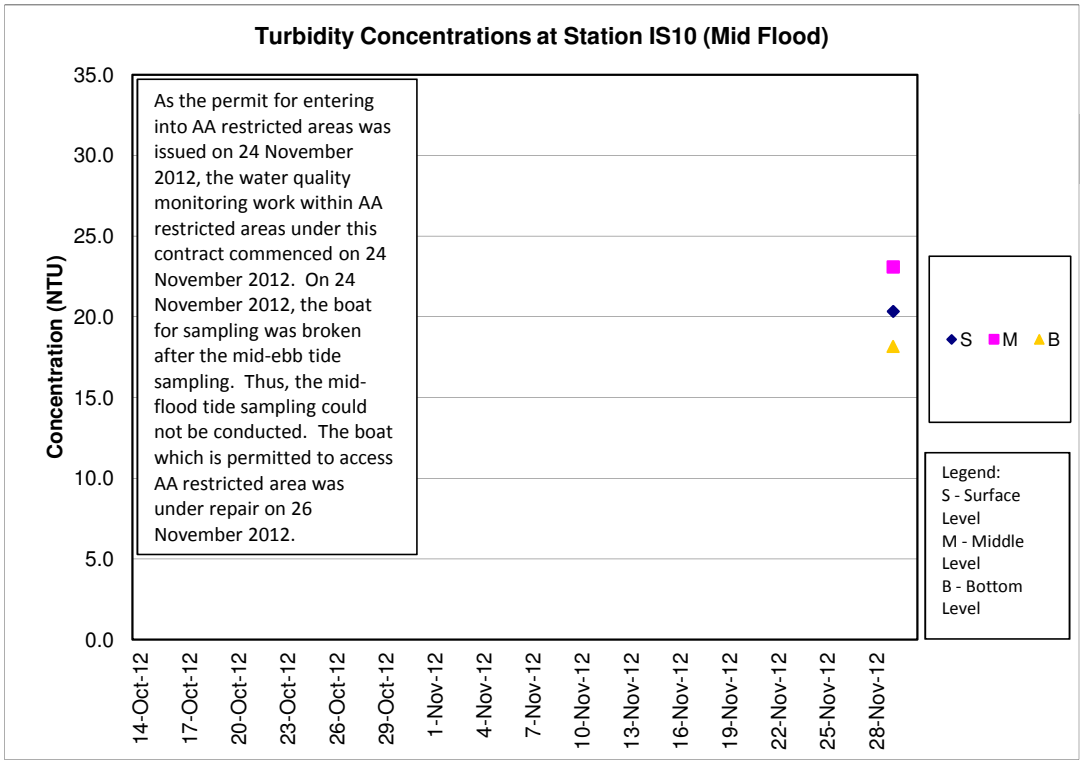

Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

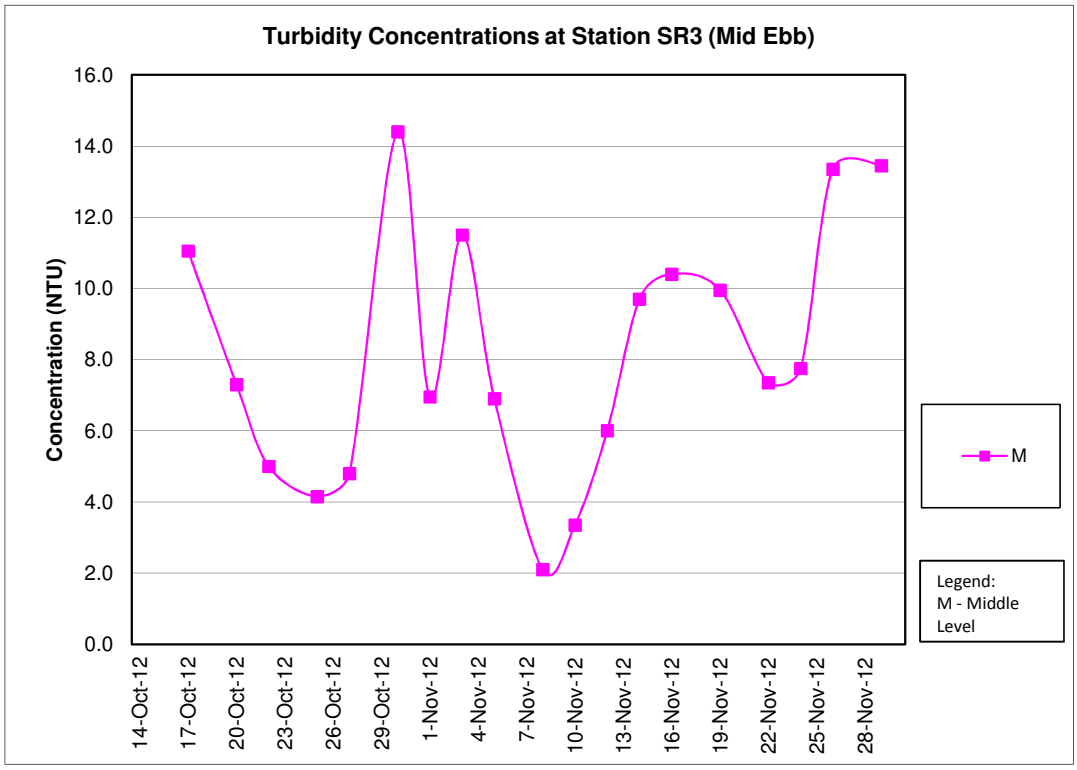

Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

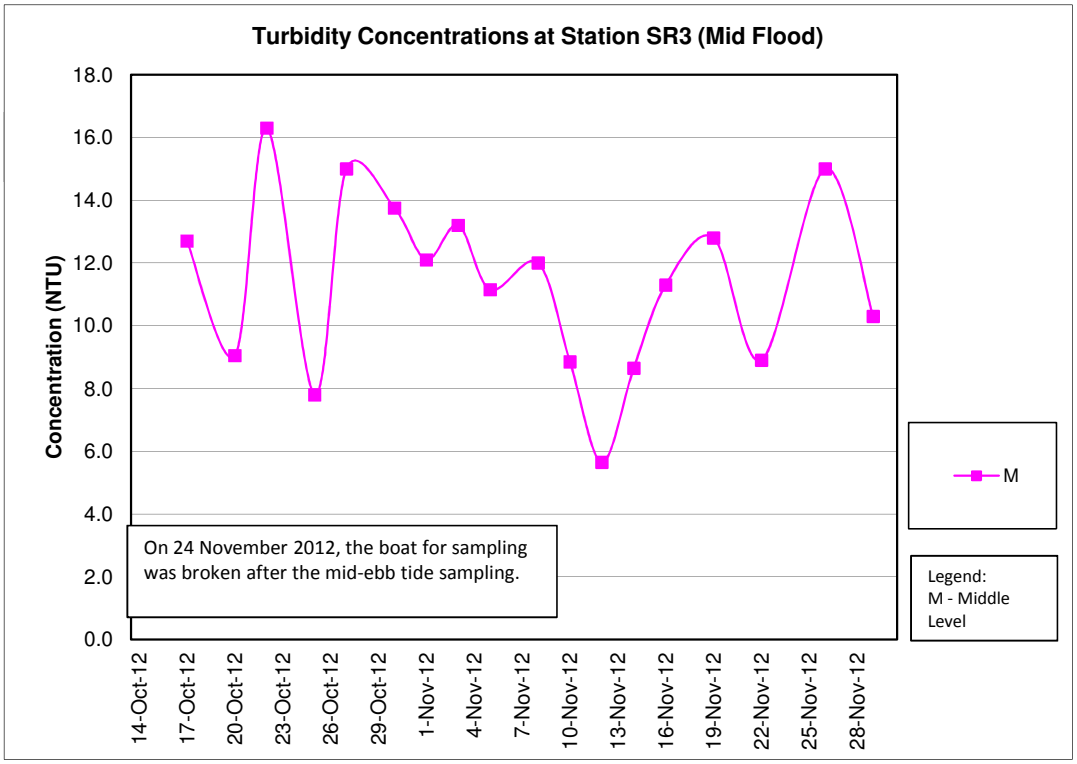

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

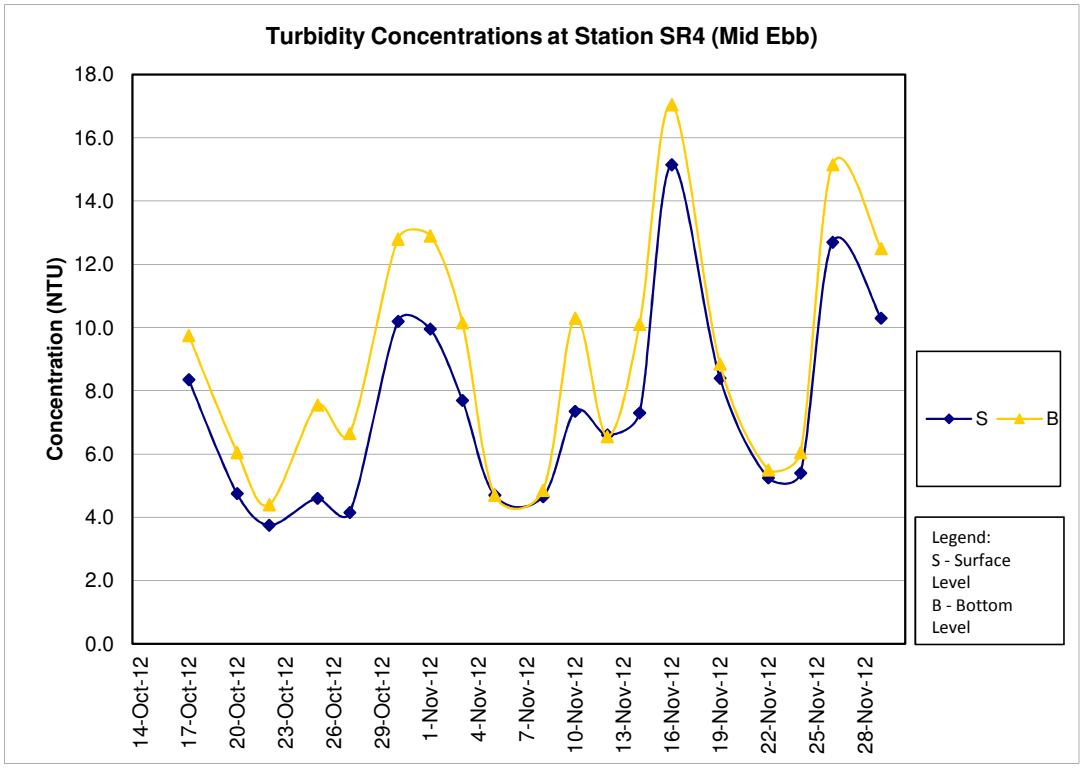

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (NTU)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

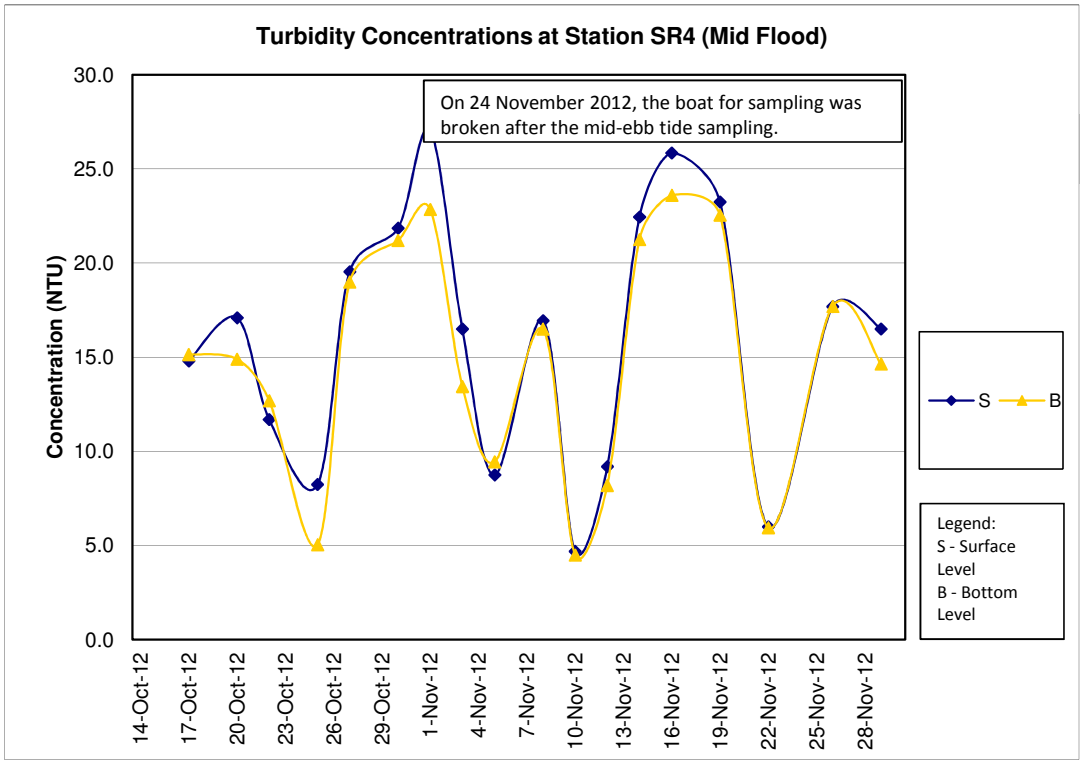

Turbidity Concentrations at Station IS10 (Mid Ebb)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

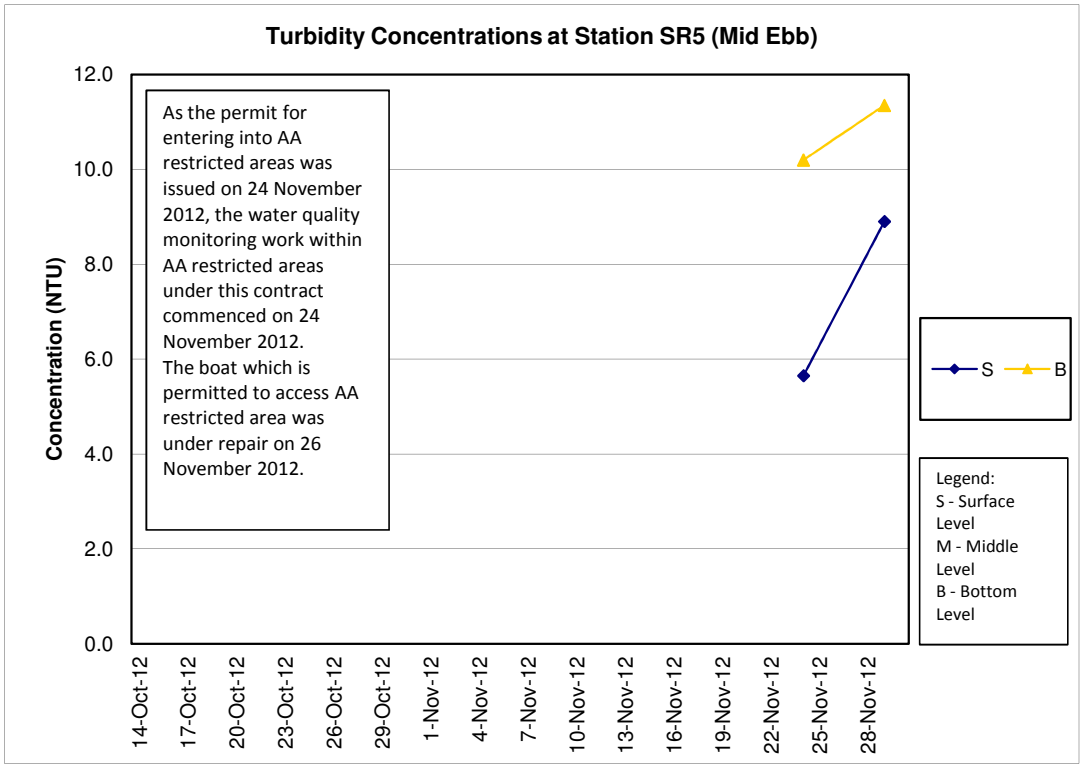

Turbidity Concentrations at Station IS10 (Mid Flood)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (NTU)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

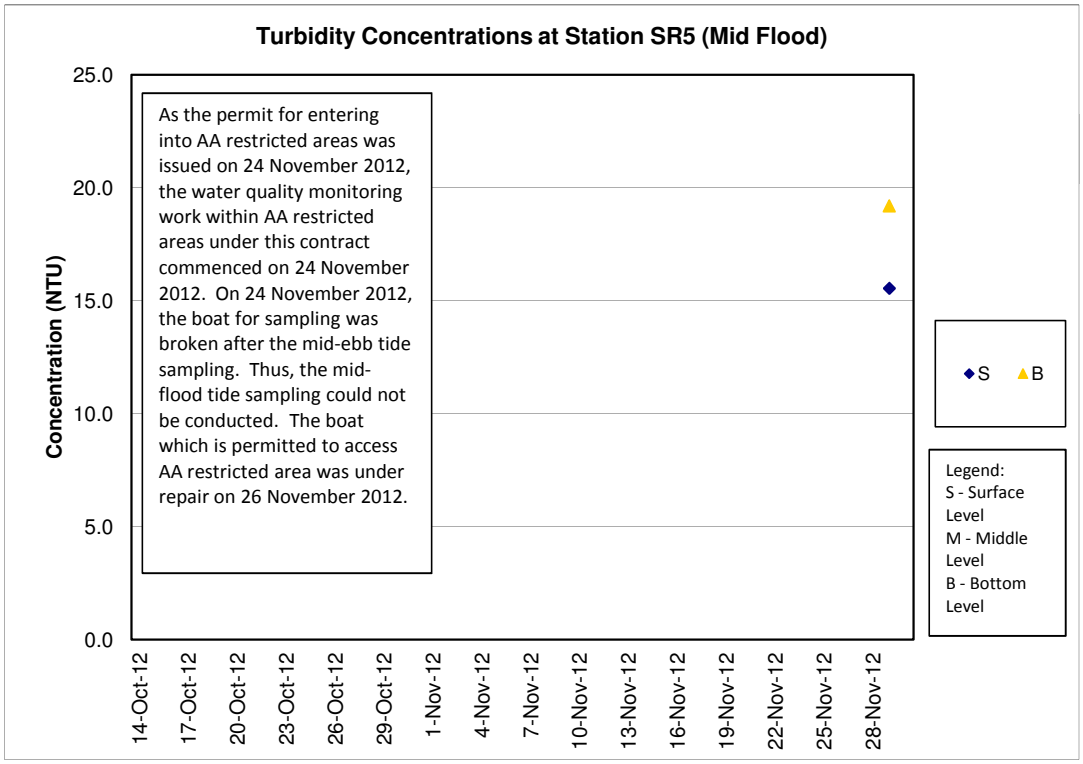

Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
M
Legend:
M - Middle Level

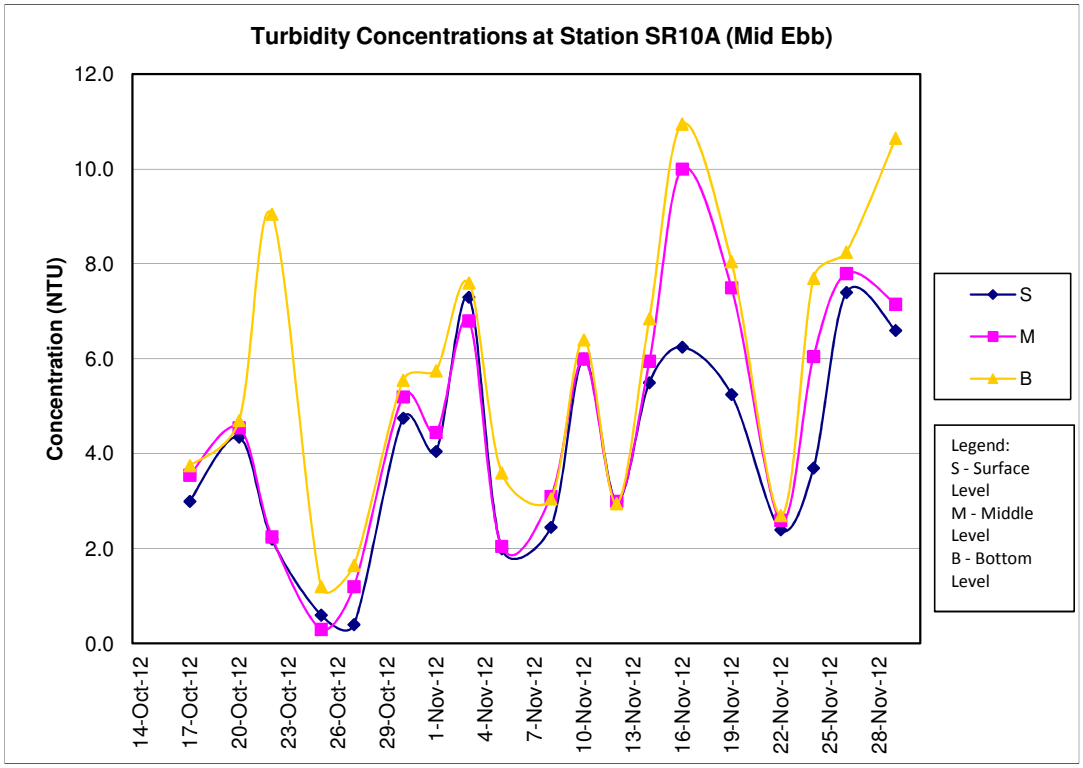

Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
M
Legend:
M - Middle Level

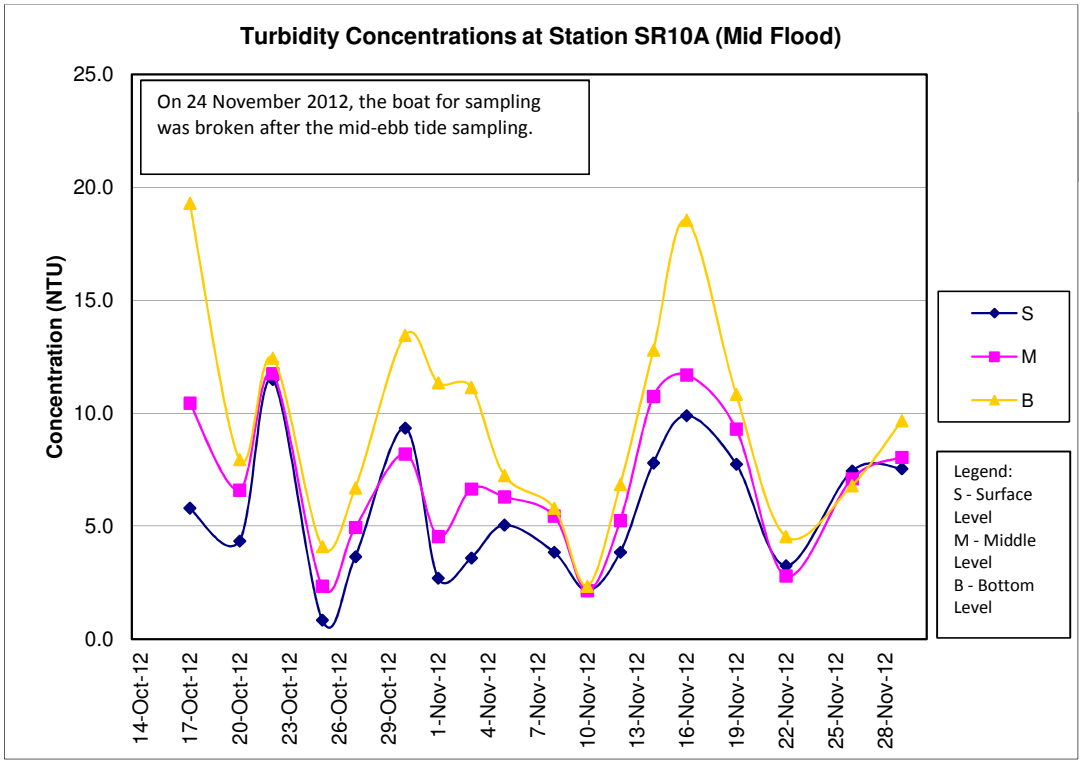

Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

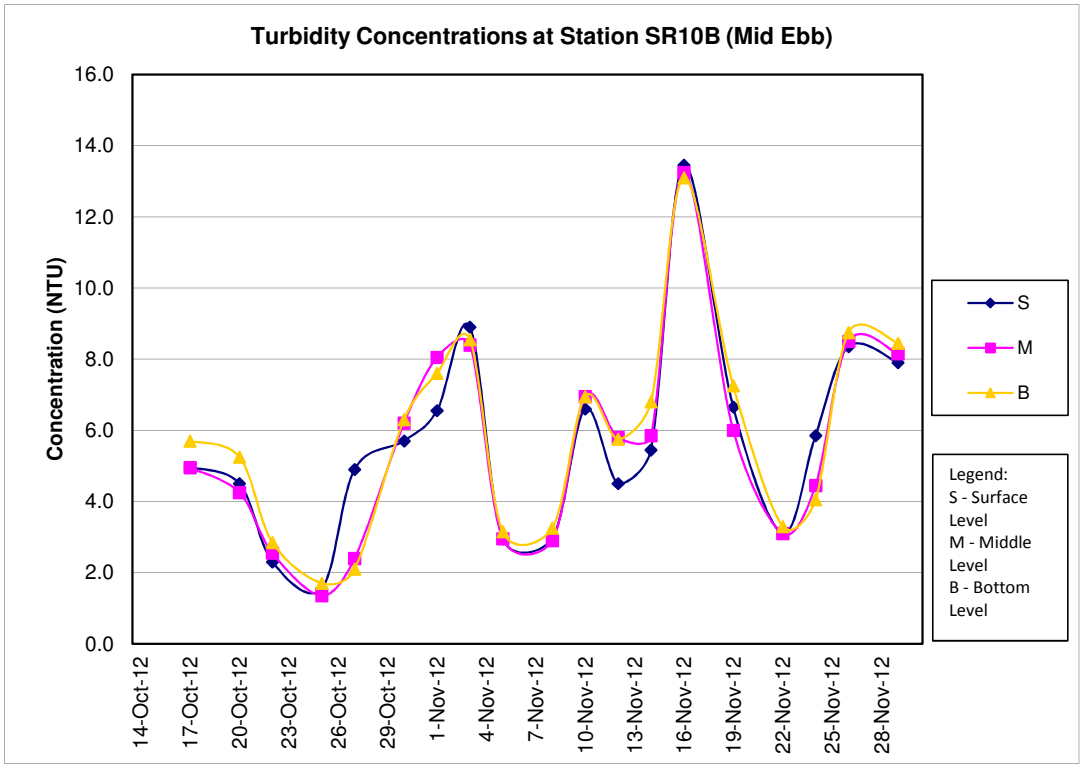

Turbidity Concentrations at Station SR4 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

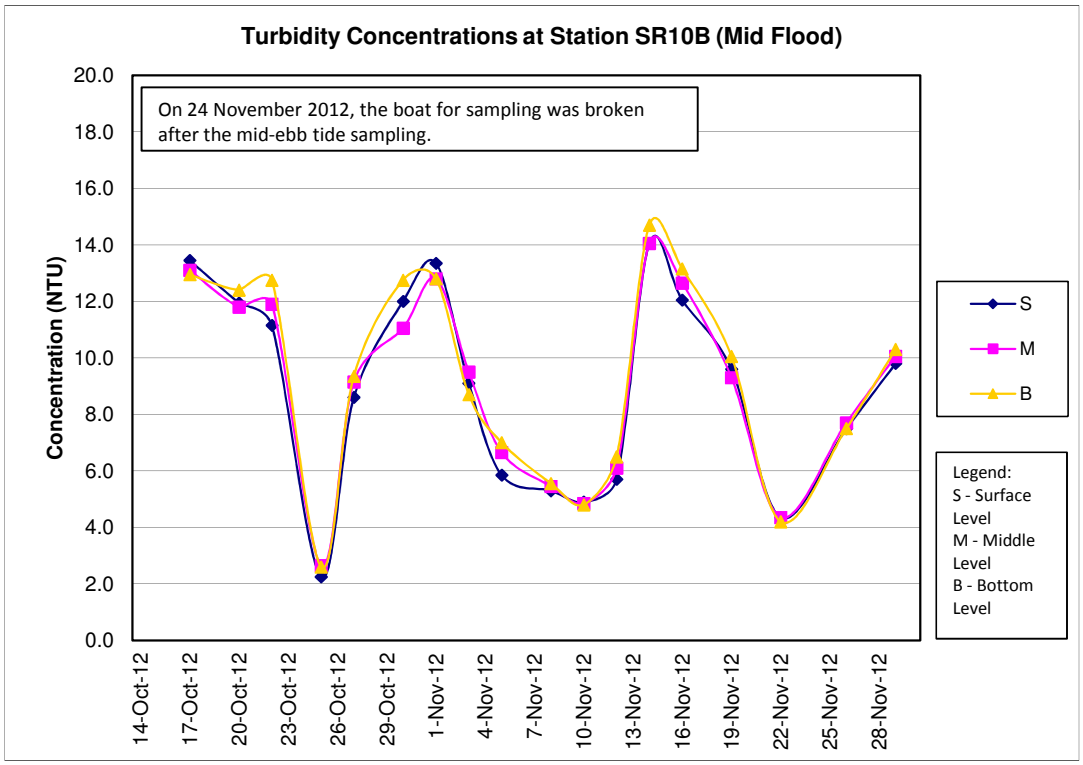

Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012.
The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

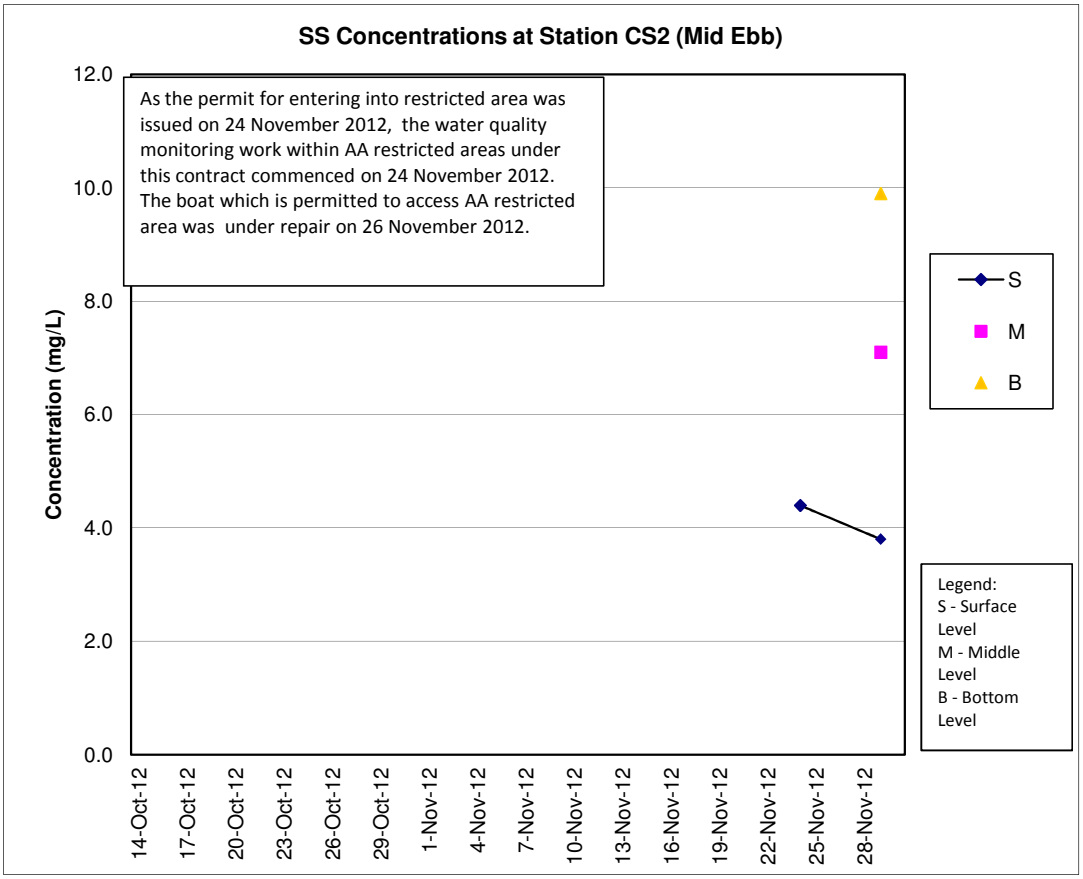

Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

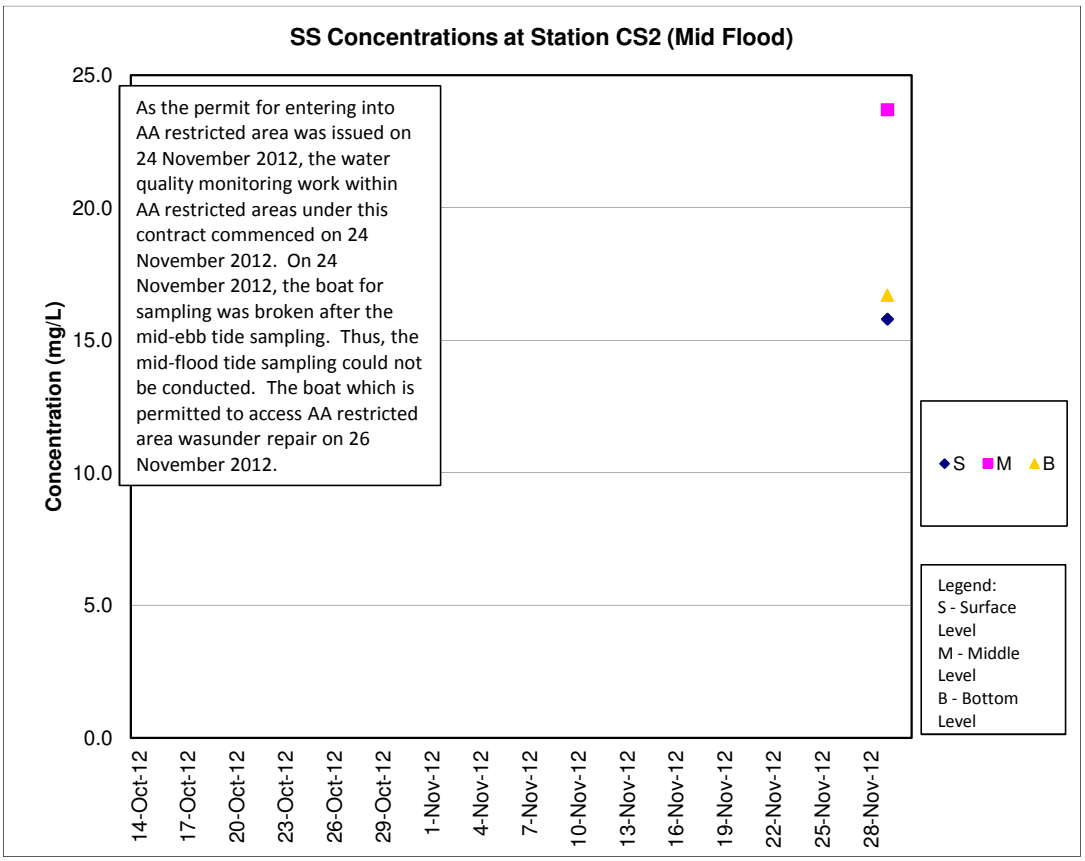

Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

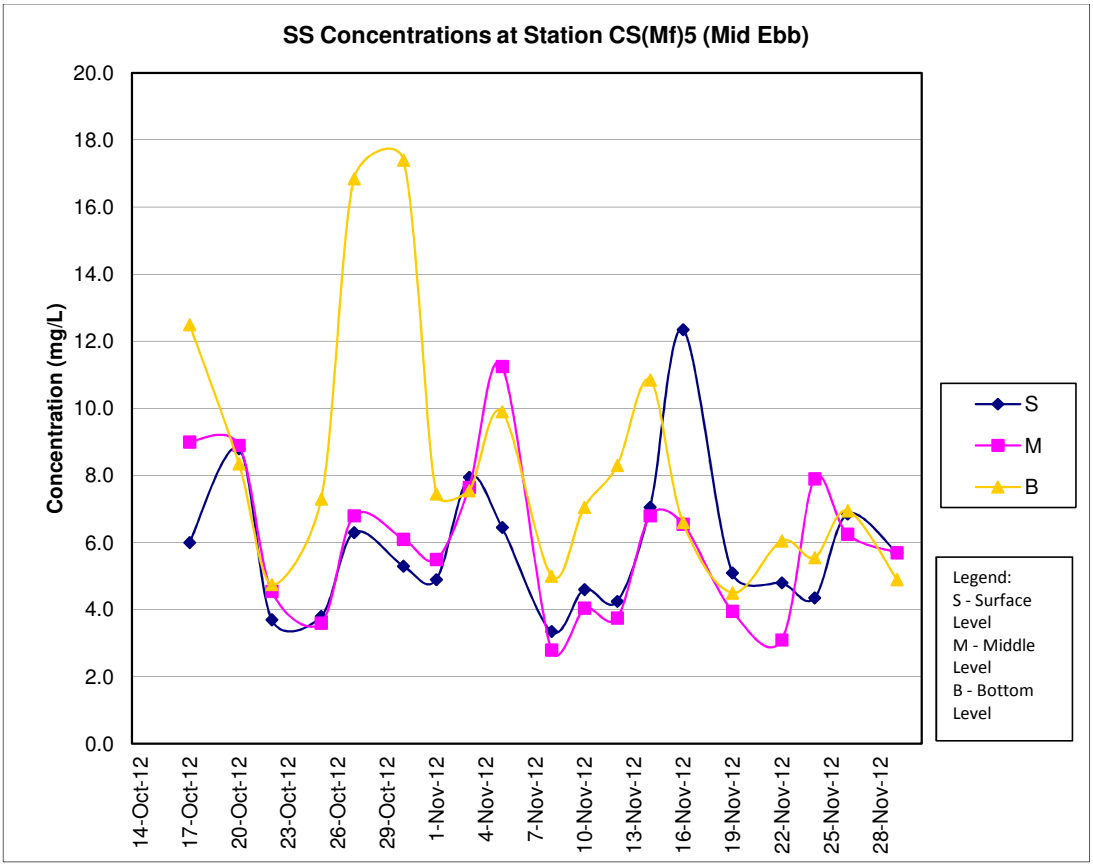

Turbidity Concentrations at Station SR10A (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

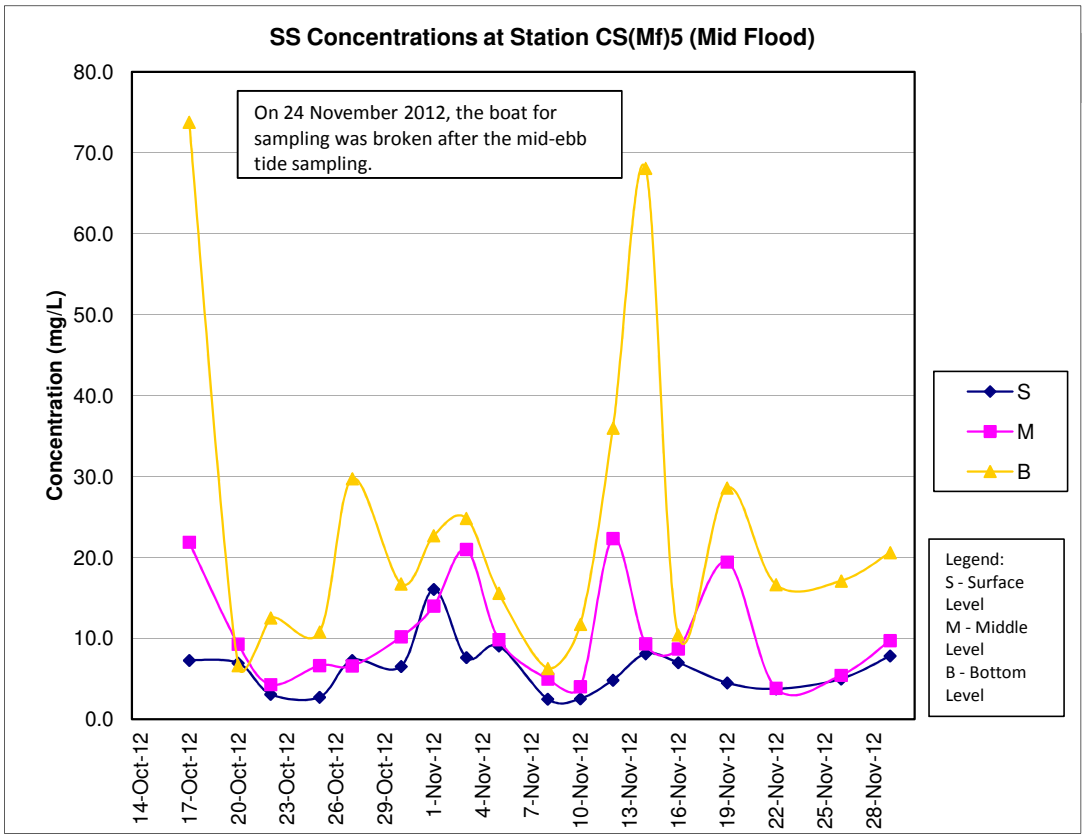

Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

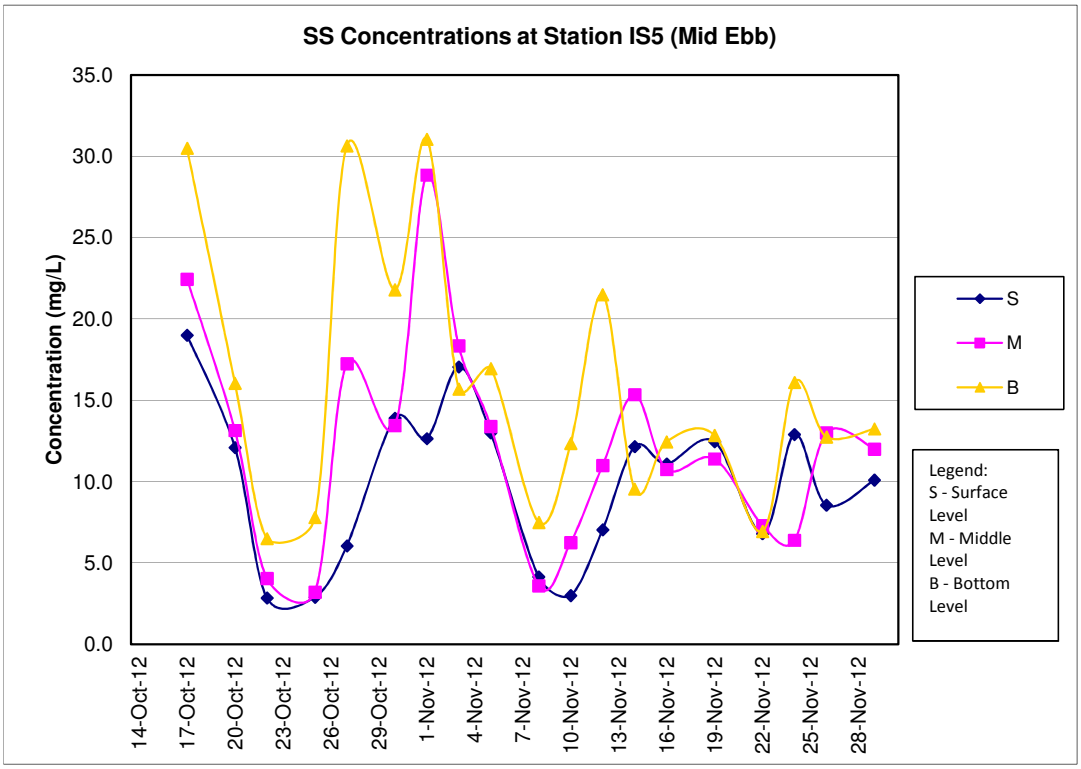

Turbidity Concentrations at Station SR10B (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station CS2 (Mid Ebb)
As the permit for entering into restricted area was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station CS2 (Mid Flood)
As the permit for entering into AA restricted area was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area wasunder repair on 26 November 2012.
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station CS(Mf)5 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
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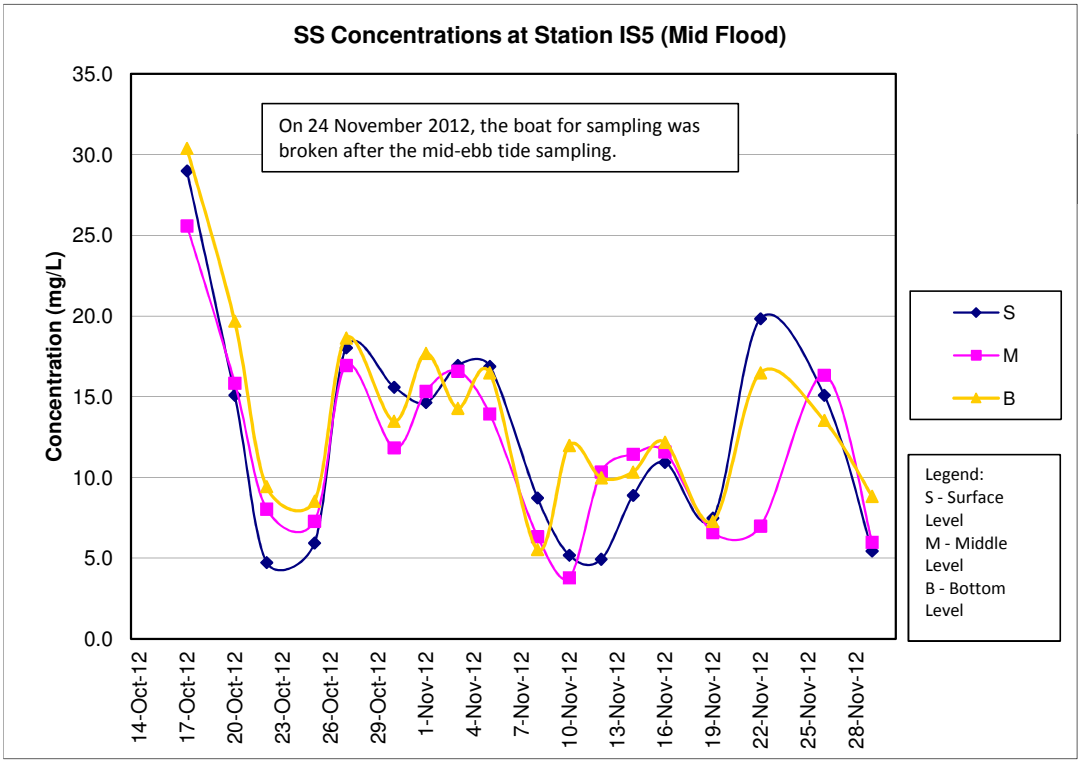
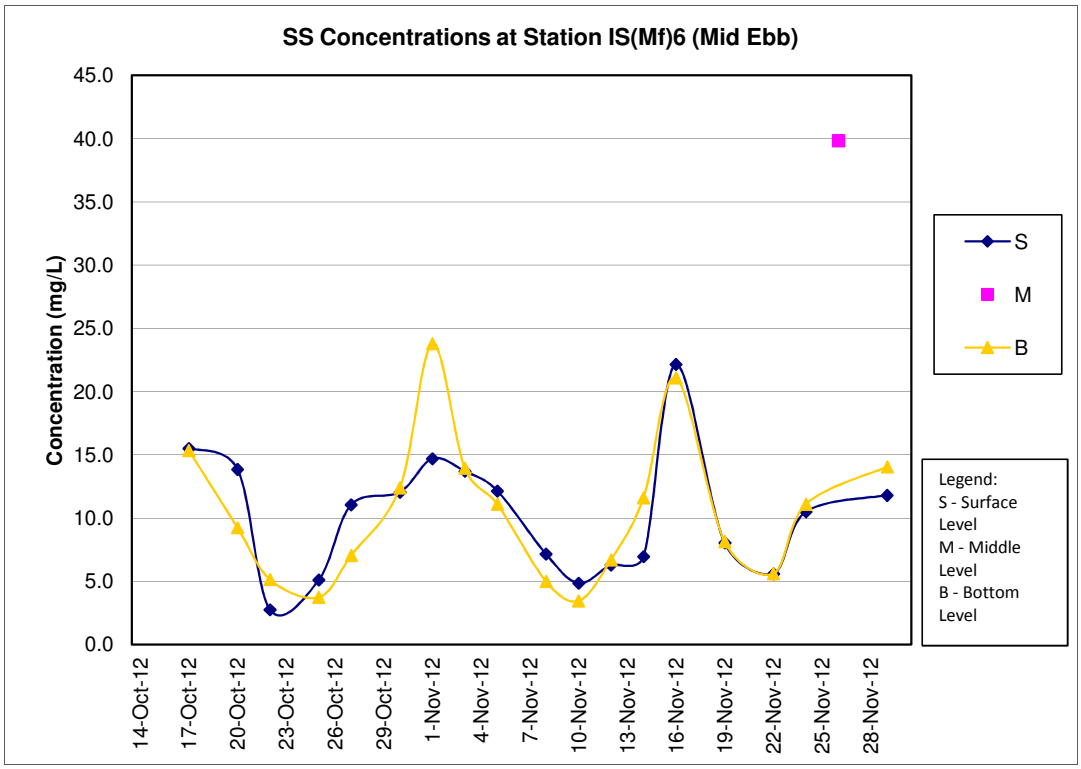
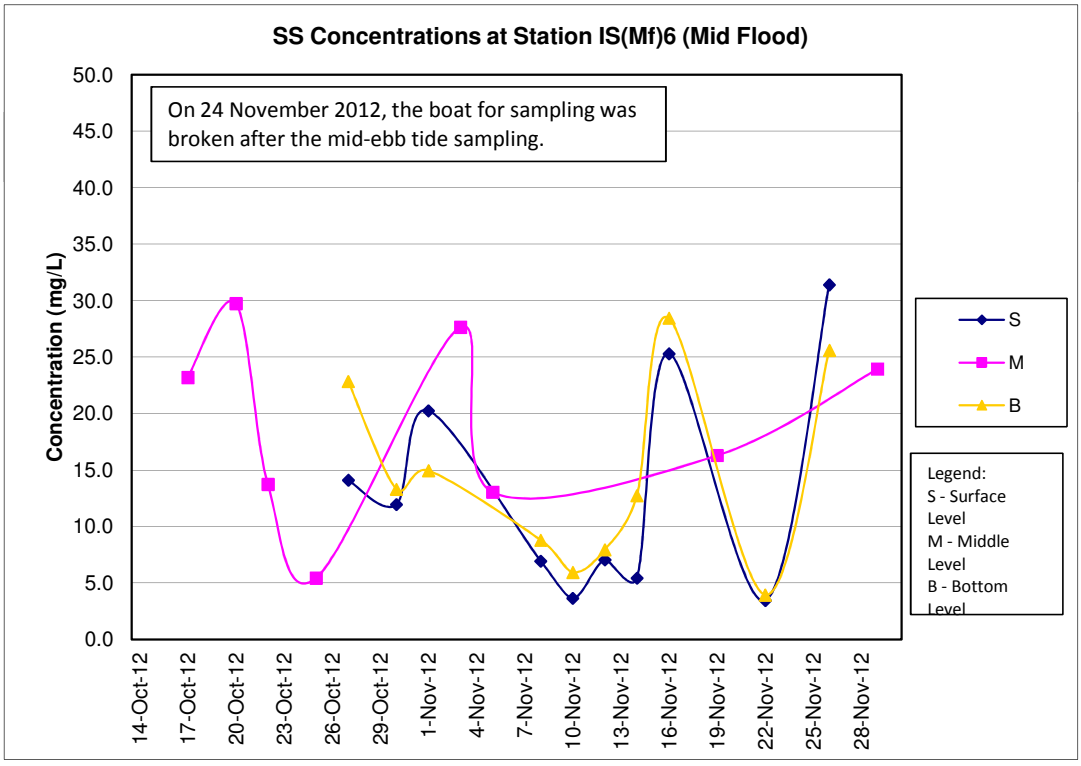
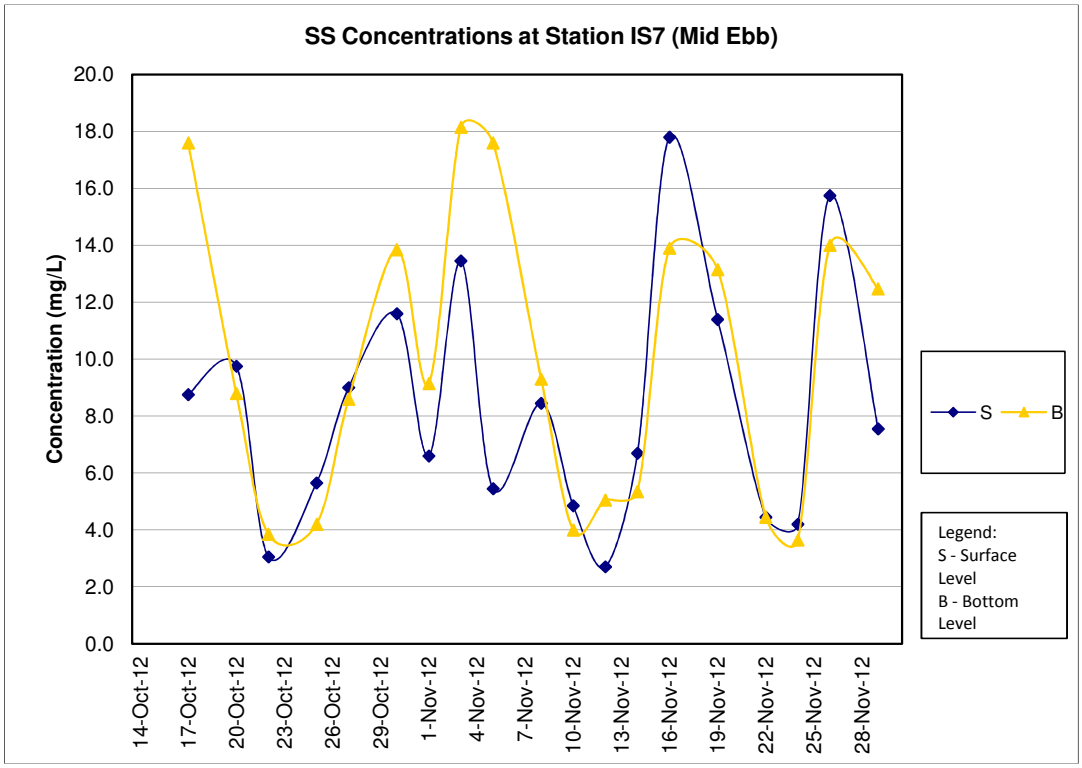
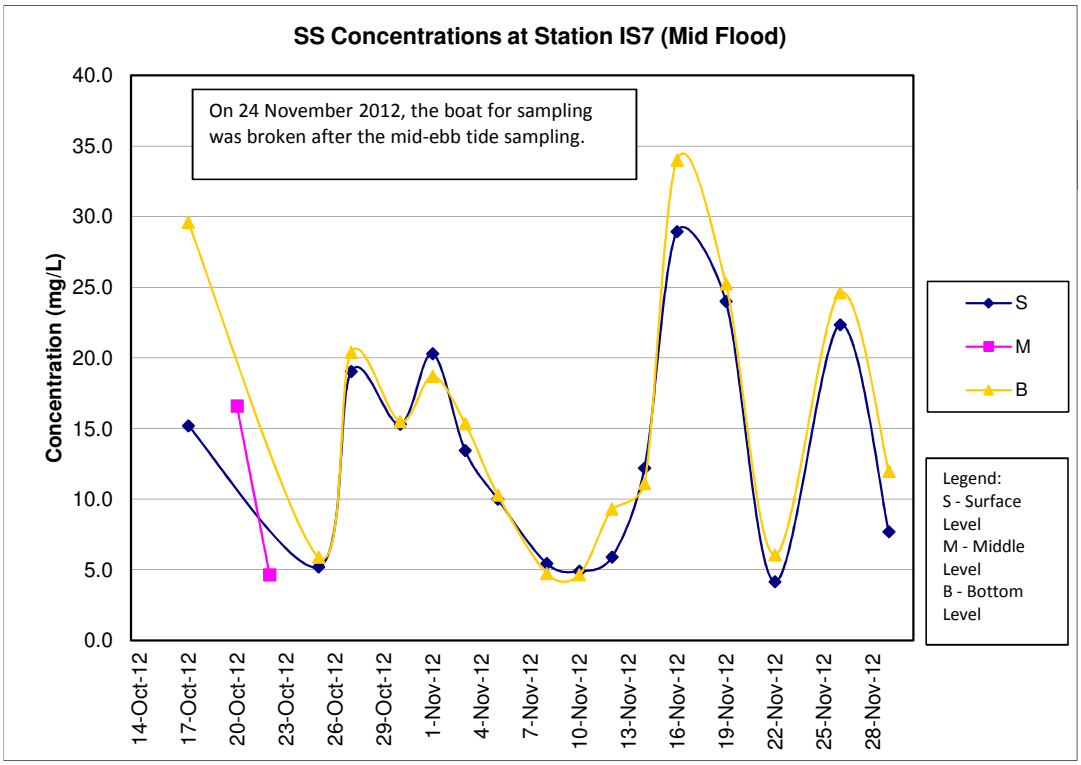
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

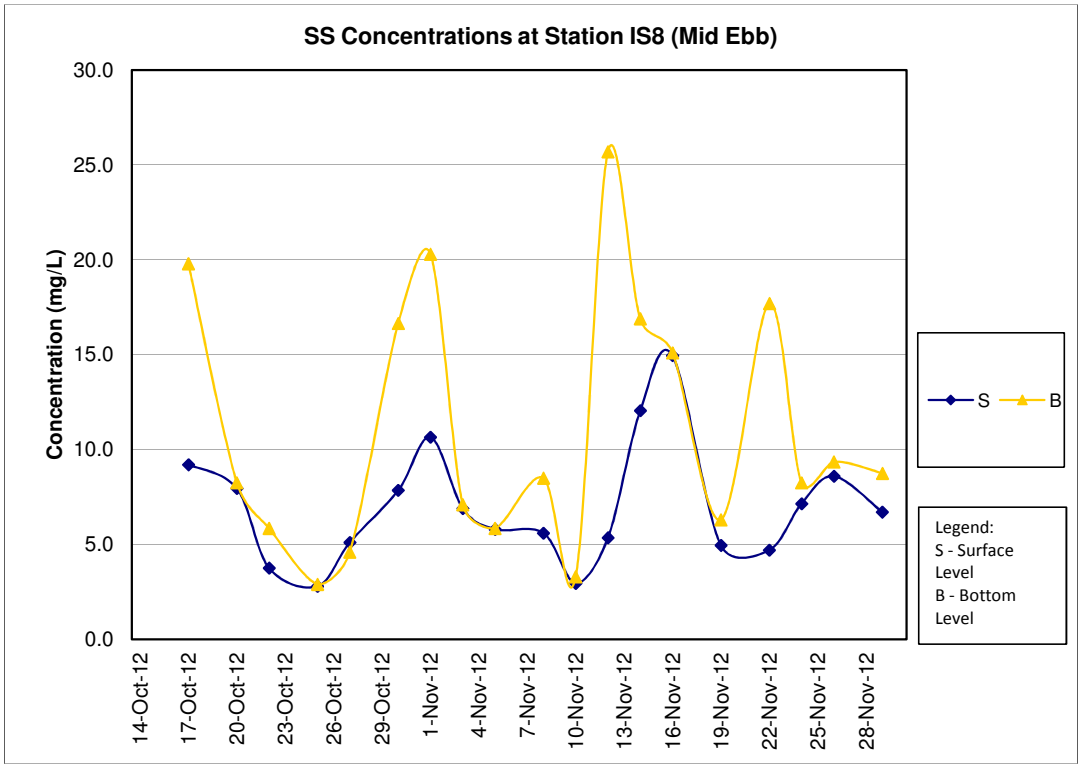

SS Concentrations at Station IS5 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

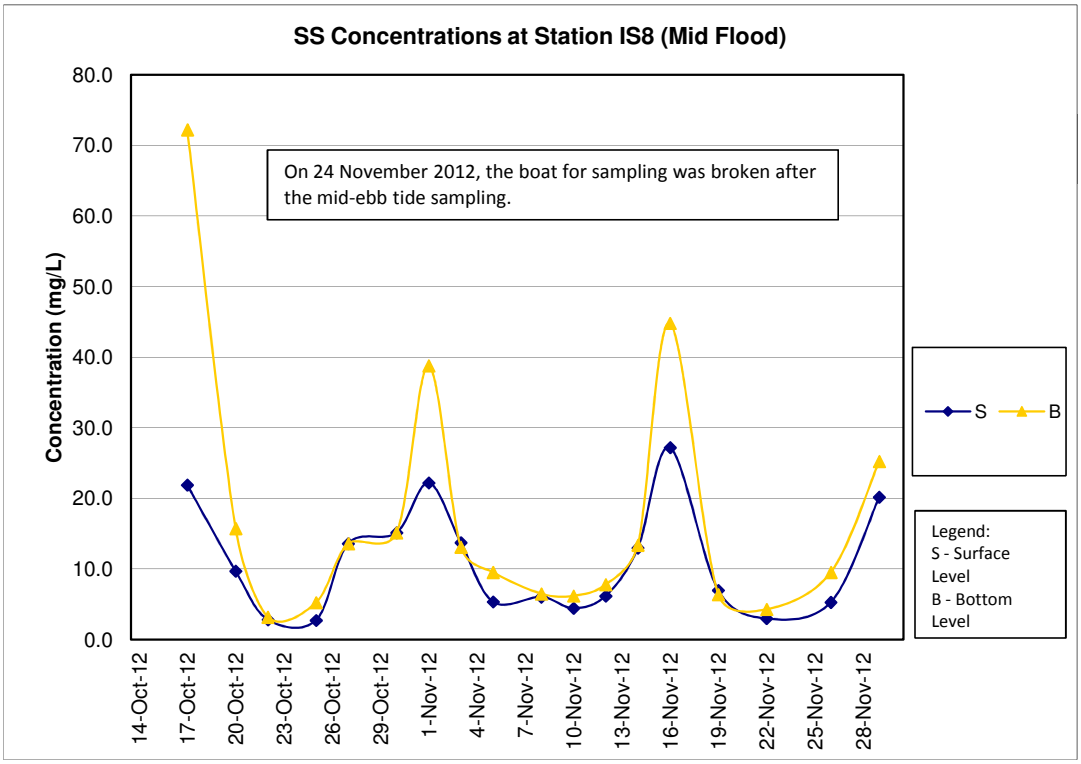

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

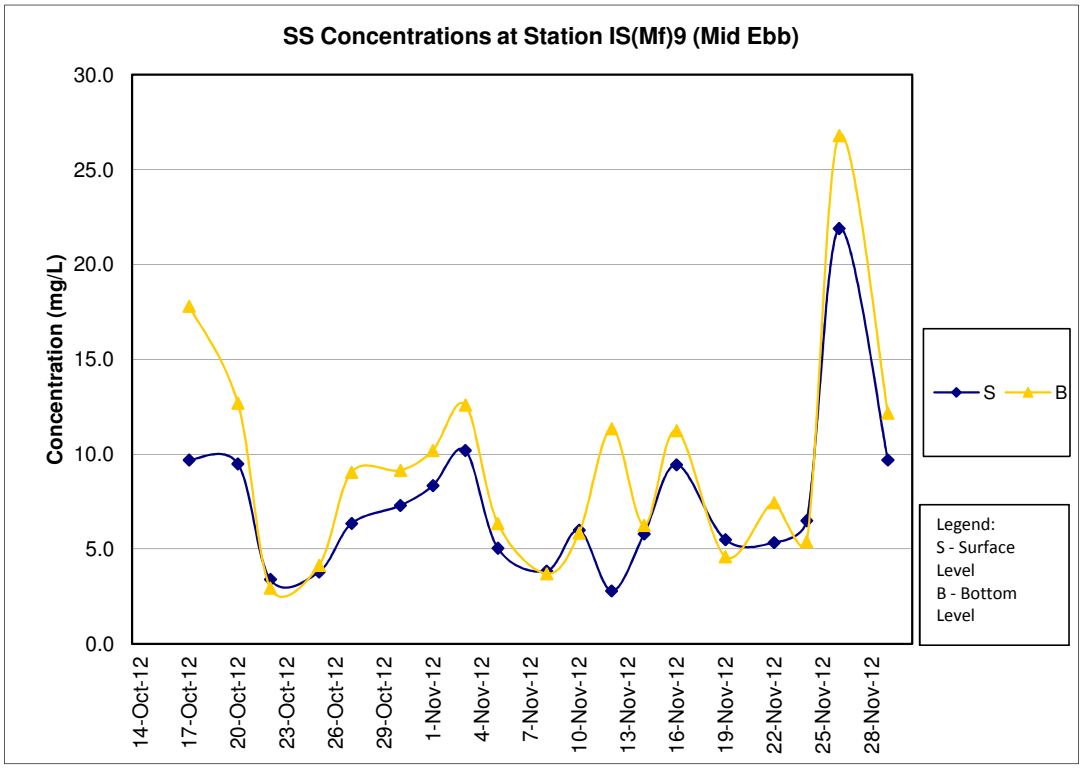

SS Concentrations at Station IS(Mf)6 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

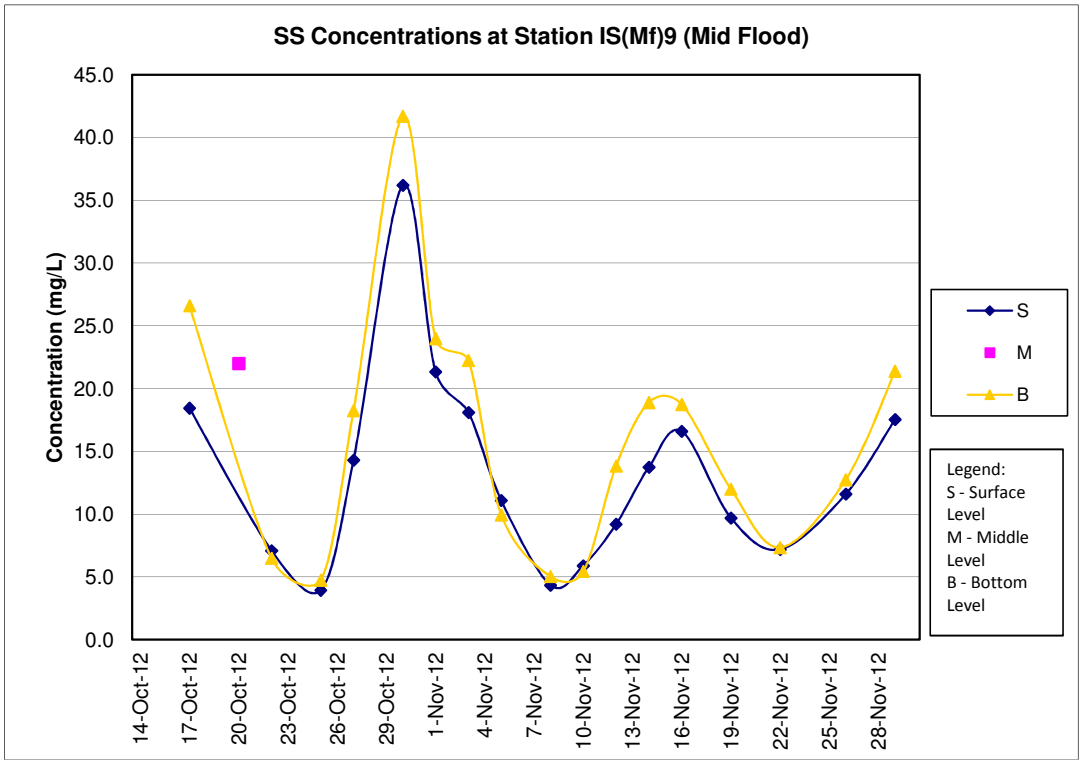

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

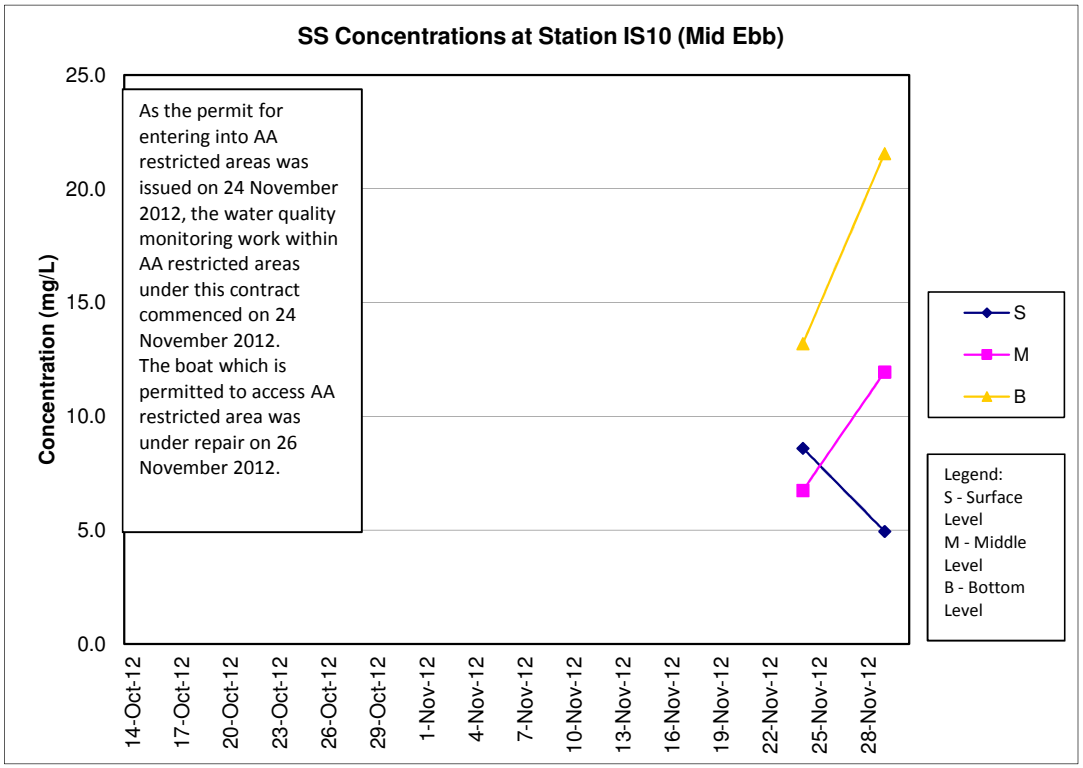

SS Concentrations at Station IS7 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

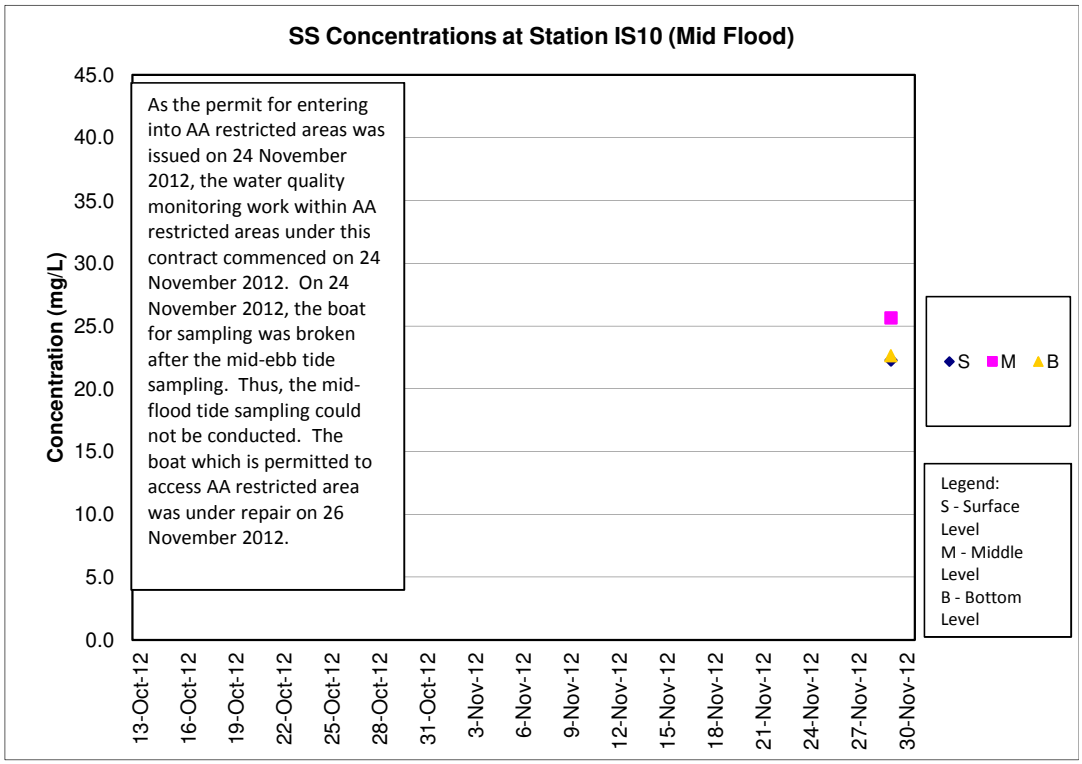

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

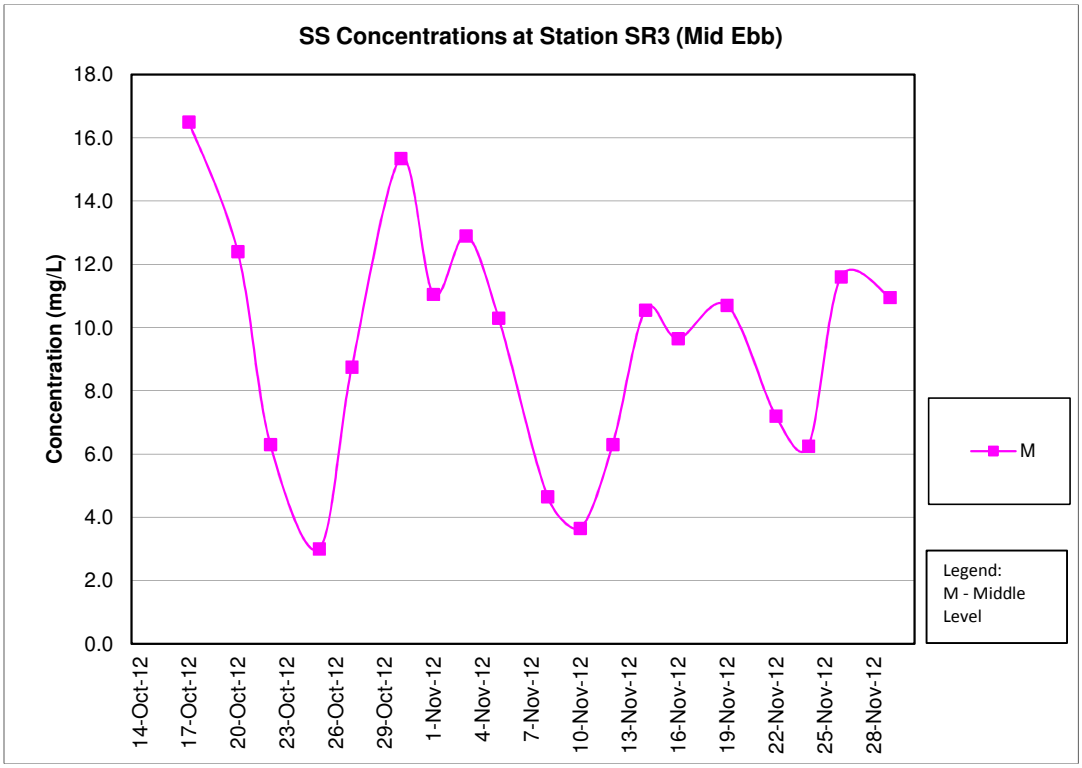

SS Concentrations at Station IS8 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

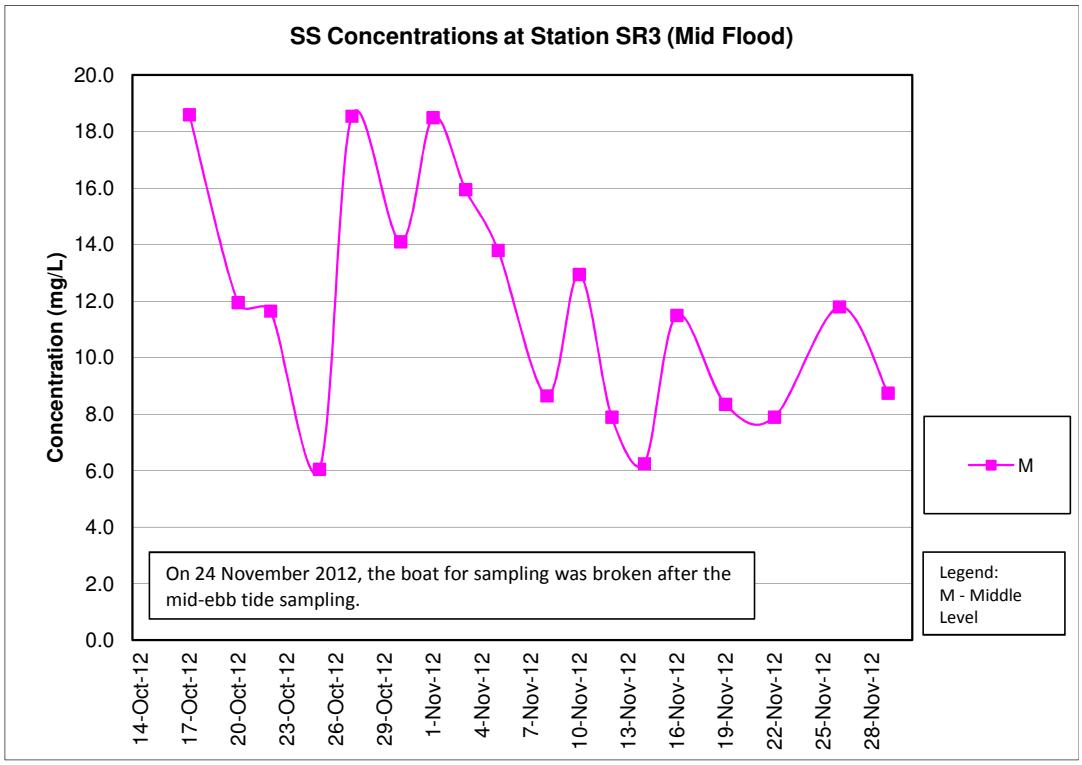

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

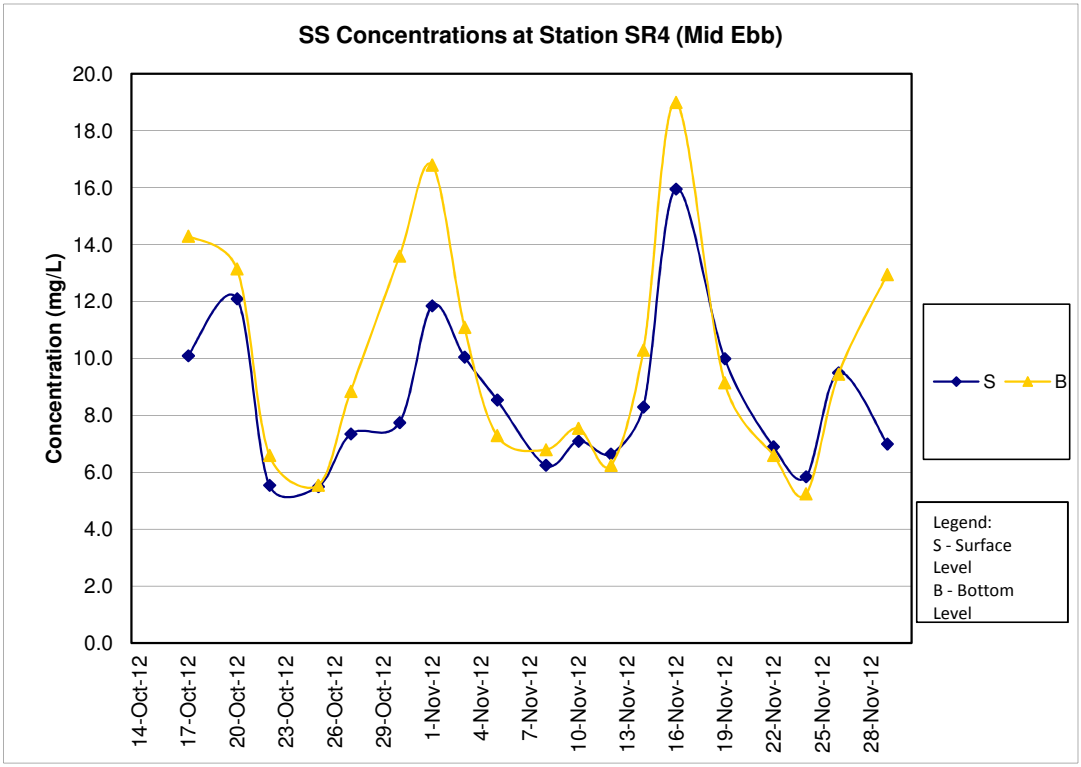

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

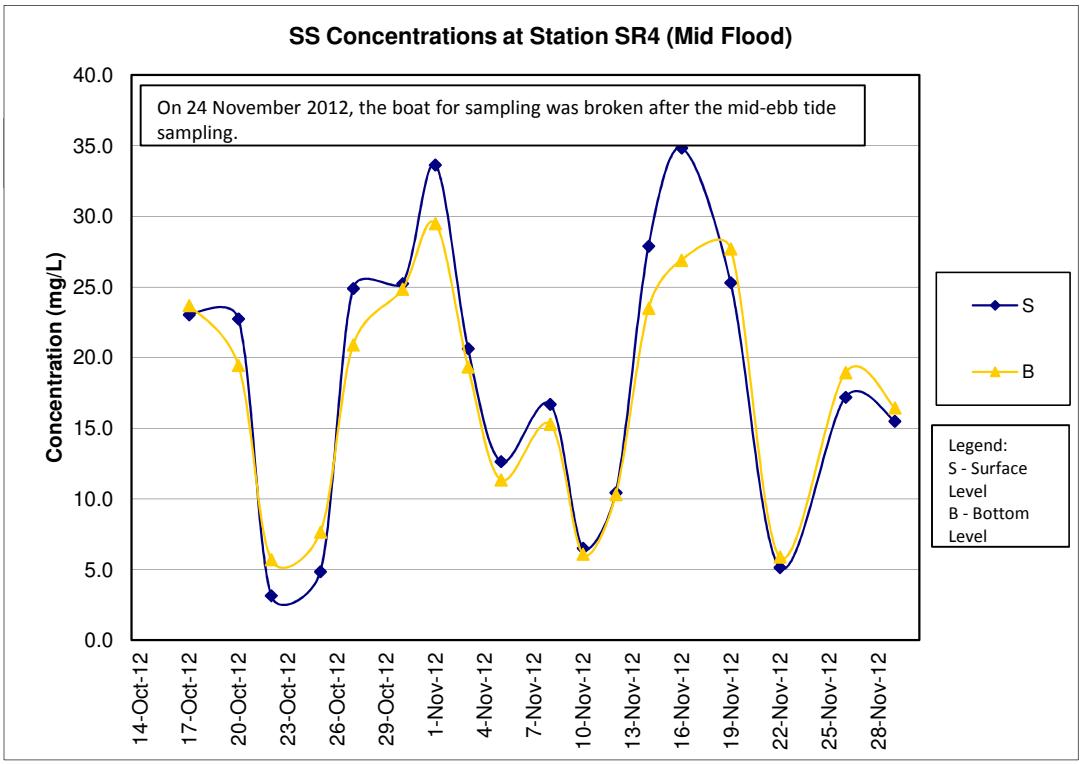

SS Concentrations at Station IS10 (Mid Ebb)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012.
The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

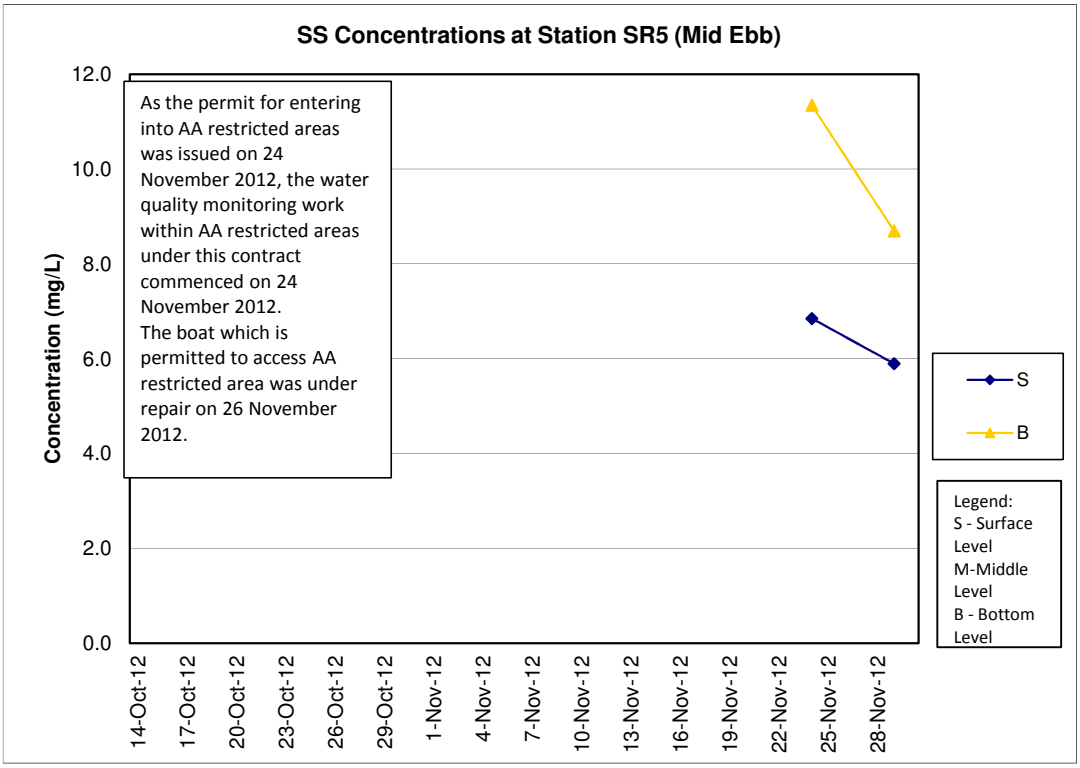

SS Concentrations at Station IS10 (Mid Flood)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
13-Oct-12
16-Oct-12
19-Oct-12
22-Oct-12
25-Oct-12
28-Oct-12
31-Oct-12
3-Nov-12
6-Nov-12
9-Nov-12
12-Nov-12
15-Nov-12
18-Nov-12
21-Nov-12
24-Nov-12
27-Nov-12
30-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

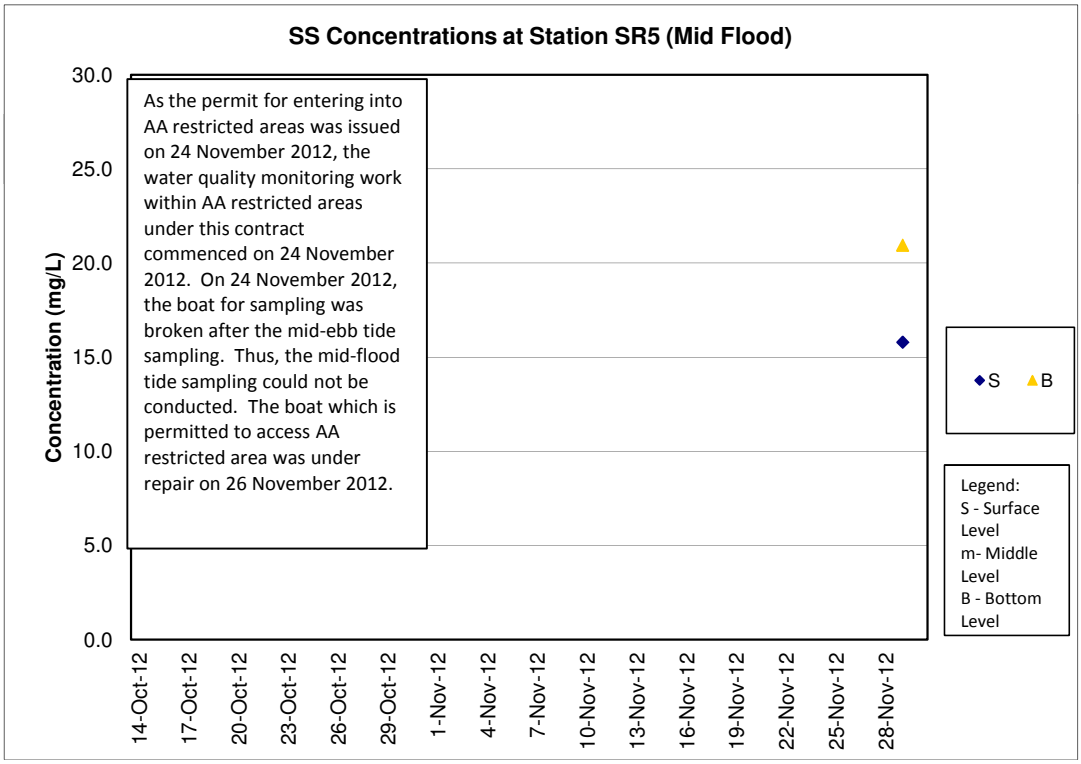

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
M
Legend:
M - Middle Level

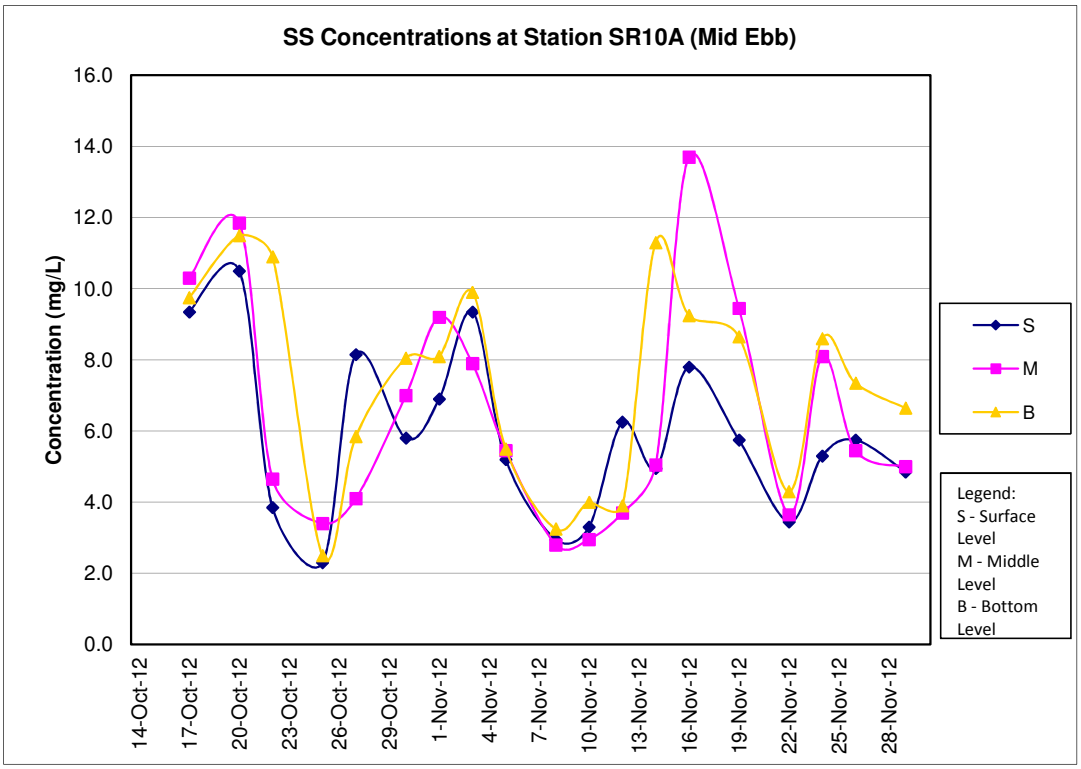

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
M
Legend:
M - Middle Level

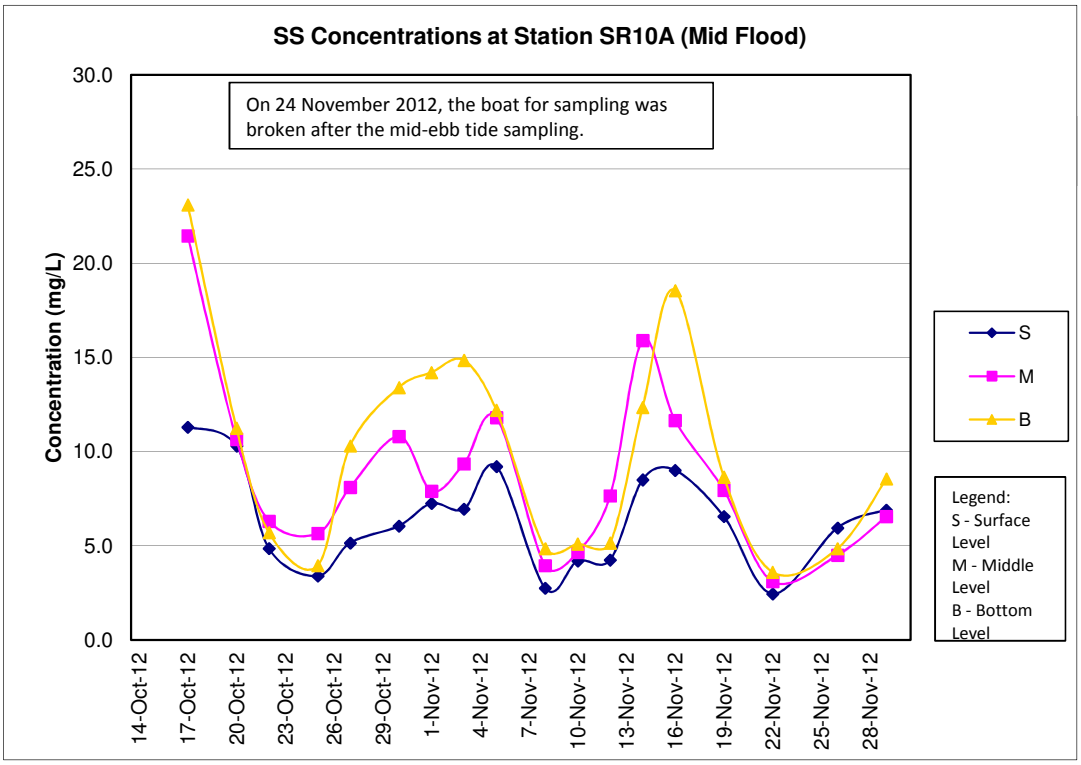

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

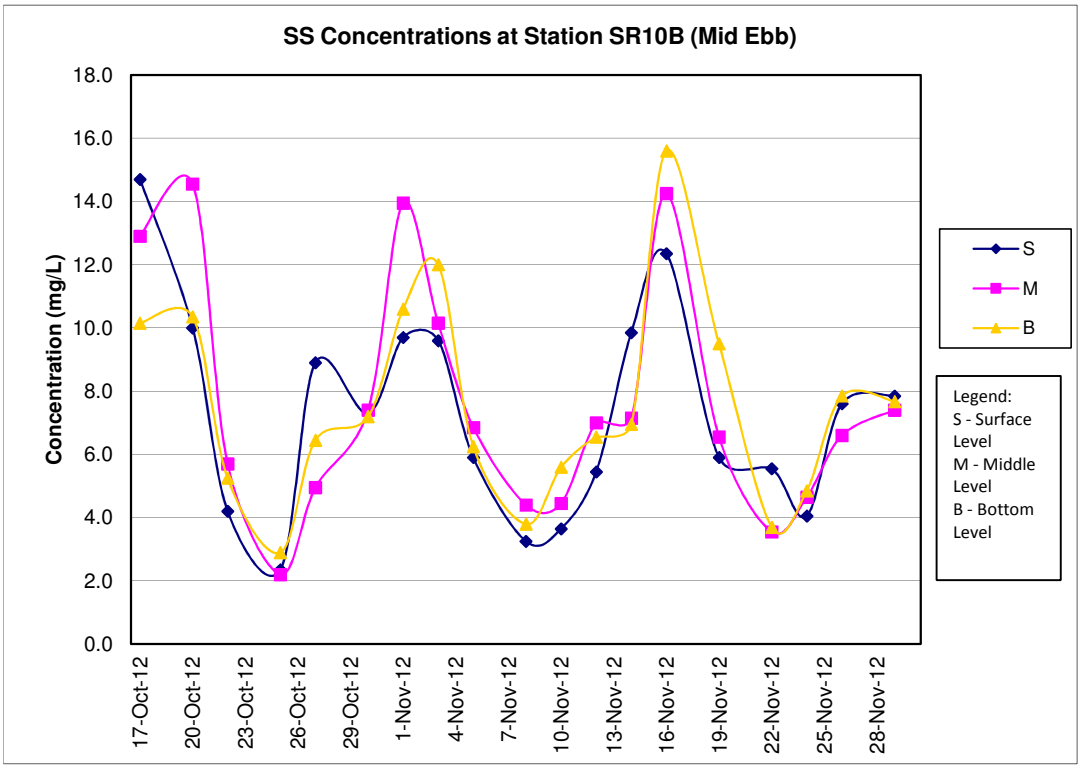

SS Concentrations at Station SR4 (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
B - Bottom Level

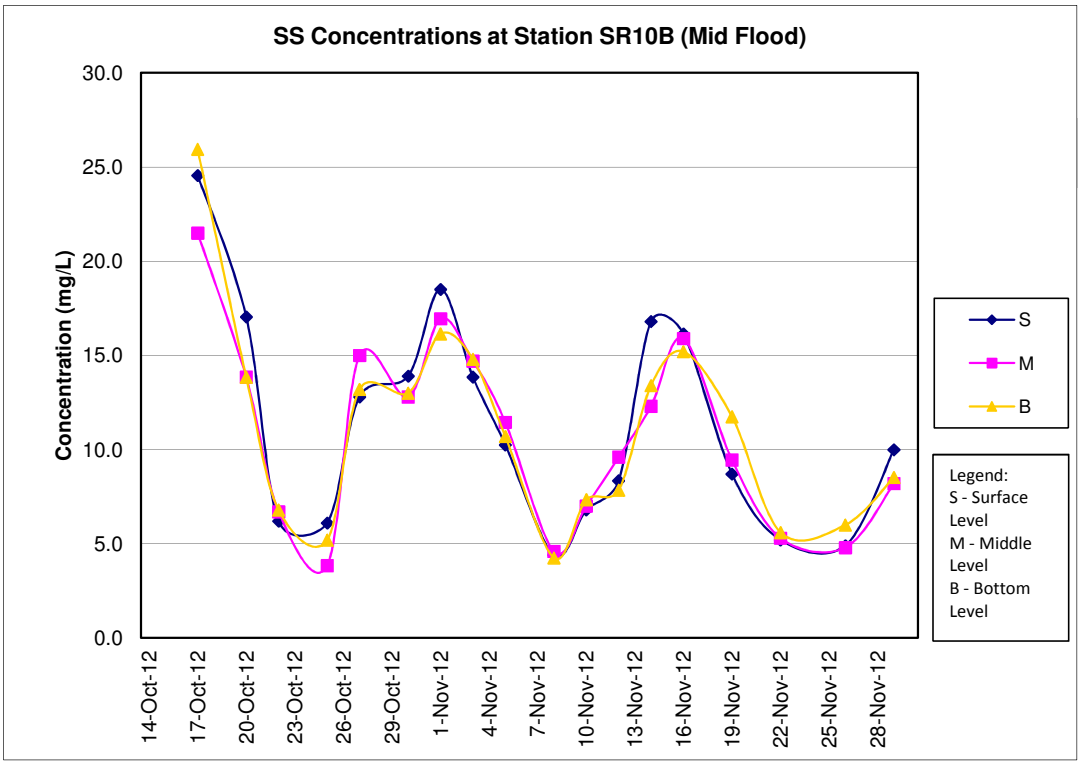

SS Concentrations at Station SR5 (Mid Ebb)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012.
The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
As the permit for entering into AA restricted areas was issued on 24 November 2012, the water quality monitoring work within AA restricted areas under this contract commenced on 24 November 2012. On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling. Thus, the mid-flood tide sampling could not be conducted. The boat which is permitted to access AA restricted area was under repair on 26 November 2012.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
On 24 November 2012, the boat for sampling was broken after the mid-ebb tide sampling.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14-Oct-12
17-Oct-12
20-Oct-12
23-Oct-12
26-Oct-12
29-Oct-12
1-Nov-12
4-Nov-12
7-Nov-12
10-Nov-12
13-Nov-12
16-Nov-12
19-Nov-12
22-Nov-12
25-Nov-12
28-Nov-12
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

APPENDIX J

Dolphin Monitoring Results

Contract No. HY/2011/03
Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road – Section between Scenic Hill and Hong Kong Boundary Crossing Facilities Dolphin Monthly Monitoring

Quarterly Progress Report (December 2012)
submitted to China State Construction Engineering (HK) Ltd.

Submitted by
Samuel K.Y. Hung, Ph.D., Hong Kong Cetacean Research Project

22 February 2013

1. Introduction

1.1. The Hong Kong Link Road (HKLR) serves to connect the Hong Kong-Zhuhai-Macao Bridge (HZMB) Main Bridge at the Hong Kong Special Administrative Region (HKSAR) Boundary and the HZMB Hong Kong Boundary Crossing Facilities (HKBCF) located at the northeastern waters of the Hong Kong International Airport. The construction of HKLR is separated into two sections, with the construction for the section between Scenic Hill and Hong Kong Boundary Crossing Facilities being commenced in October 2012.

1.2. According to the updated Environmental Monitoring and Audit (EM&A) Manual (for HKLR), monthly line-transect vessel surveys for Chinese White Dolphin should be conducted to cover the Northwest and Northeast Lantau survey areas as in AFCD annual marine mammal monitoring programme.

1.3. In October 2012, Hong Kong Cetacean Research Project (HKCRP) has been commissioned by Atkins China Limited to conduct this 54-month dolphin monitoring study in order to collect data on Chinese White Dolphins during the construction phase (i.e. impact period) of the HKLR03 project in Northwest Lantau (NWL) and Northeast Lantau (NEL) survey areas, and to analyze the collected survey data to monitor distribution, encounter rate, activities and occurrence of dolphin calves. Photo-identification will also be collected from individual Chinese White Dolphins to examine their individual range patterns.

1.4. From the monitoring results, any changes in dolphin occurrence within the study area will be examined for possible causes, and appropriate actions and additional mitigation measures will be recommended as necessary.

1.5. This report is the first quarterly progress report under the HKLR03 construction phase dolphin monitoring programme submitted to the China State Construction Engineering (HK) Limited, summarizing the results of the surveys findings during the period of October to November 2012.

2. Monitoring Methodology

2.1. Vessel-based Line-transect Survey

2.1.1. According to the requirement of the updated EM&A manual, dolphin monitoring programme should cover all transect lines in NEL and NWL survey areas (see Figure 2.2 of the Quarterly EM&A Report) twice per month throughout the entire construction period. The co-ordinates of all transect lines are shown in Table 1.

Table 1 Co-ordinates of transect lines

Line No.		Easting	Northing		Line No.		Easting	Northing
1	Start Point	804671	814577		13	Start Point	816506	819480
1	End Point	804671	831404		13	End Point	816506	824859
2	Start Point	805475	815457		14	Start Point	817537	820220
2	End Point	805477	826654		14	End Point	817537	824613
3	Start Point	806464	819435		15	Start Point	818568	820735
3	End Point	806464	822911		15	End Point	818568	824433
4	Start Point	807518	819771		16	Start Point	819532	821420
4	End Point	807518	829230		16	End Point	819532	824209
5	Start Point	808504	820220		17	Start Point	820451	822125
5	End Point	808504	828602		17	End Point	820451	823671
6	Start Point	809490	820466		18	Start Point	821504	822371

6	End Point	809490	825352		18	End Point	821504	823761
7	Start Point	810499	820690		19	Start Point	822513	823268
7	End Point	810499	824613		19	End Point	822513	824321
8	Start Point	811508	820847		20	Start Point	823477	823402
8	End Point	811508	824254		20	End Point	823477	824613
9	Start Point	812516	820892		21	Start Point	805476	827081
9	End Point	812516	824254		21	End Point	805476	830562
10	Start Point	813525	820872		22	Start Point	806464	824033
10	End Point	813525	824657		22	End Point	806464	829598
11	Start Point	814556	818449		23	Start Point	814559	821739
11	End Point	814556	820992		23	End Point	814559	824768
12	Start Point	815542	818807					
12	End Point	815542	824882					

2.1.2. The survey team used standard line-transect methods (Buckland et al. 2001) to conduct the systematic vessel surveys, and followed the same technique of data collection that has been adopted over the last 16 years of marine mammal monitoring surveys in Hong Kong developed by HKCRP (see Hung 2012). For each monitoring vessel survey, a 15-m inboard vessel (*Standard* 31516) with an open upper deck (about 4.5 m above water surface) was used to make observations from the flying bridge area.

2.1.3. Two experienced observers (a data recorder and a primary observer) made up the on-effort survey team, and the survey vessel transited different transect lines at a constant speed of 13-15 km per hour. The data recorder searched with unaided eyes and filled out the datasheets, while the primary observer searched for dolphins and porpoises continuously through 7 x 50 *Steiner* marine binoculars. Both observers searched the sea ahead of the vessel, between 270^{o} and 90^{o} (in relation to the bow, which is defined as 0^{o}). One to two additional experienced observers were available on the boat to work in shift (i.e. rotate every 30 minutes) in order to minimize fatigue of the survey team members. All observers were experienced in small cetacean survey techniques and identifying local cetacean species.

2.1.4. During on-effort survey periods, the survey team recorded effort data including time, position (latitude and longitude), weather conditions (Beaufort sea state and visibility), and distance traveled in each series (a continuous period of search effort) with the assistance of a handheld GPS (*Garmin eTrex Legend*).

2.1.5. Data including time, position and vessel speed were also automatically and continuously logged by handheld GPS throughout the entire survey for subsequent review.

2.1.6. When dolphins were sighted, the survey team would end the survey effort, and immediately record the initial sighting distance and angle of the dolphin group from the survey vessel, as well as the sighting time and position. Then the research vessel was diverted from its course to approach the animals for species identification, group size estimation, assessment of group composition, and behavioural observations. The perpendicular distance (PSD) of the dolphin group to the transect line was later calculated from the initial sighting distance and angle.

2.1.7. Survey effort being conducted along the parallel transect lines that were perpendicular to the coastlines (as indicated in Figure 2.2 of the Quarterly EM&A Report) was labeled as "primary" survey effort, while the survey effort conducted along the connecting lines between parallel lines was labeled as "secondary" survey effort. According to HKCRP long-term dolphin monitoring data, encounter rates of Chinese white dolphins deduced from effort and sighting data collected along primary and secondary lines were similar in NEL and NWL survey areas. Therefore, both primary and secondary survey effort were presented as on-effort survey effort in this report.

2.2. Photo-identification Work

2.2.1. When a group of Chinese White Dolphins were sighted during the line-transect survey, the survey team would end effort and approach the group slowly from the side and behind to take photographs of them. Every attempt was made to photograph every dolphin in the group, and even photograph both sides of the dolphins, since the colouration and markings on both sides may not be symmetrical.

2.2.2. Two professional digital cameras (*Canon* EOS 7D and 60D models), each equipped with long telephoto lenses (100-400 mm zoom), were available on

board for researchers to take sharp, close-up photographs of dolphins as they surfaced. The images were shot at the highest available resolution and stored on Compact Flash memory cards for downloading onto a computer.

2.2.3. All digital images taken in the field were first examined, and those containing potentially identifiable individuals were sorted out. These photographs would then be examined in greater detail, and were carefully compared to the existing Chinese White Dolphin photo-identification catalogue maintained by HKCRP since 1995.

2.2.4. Chinese White Dolphins can be identified by their natural markings, such as nicks, cuts, scars and deformities on their dorsal fin and body, and their unique spotting patterns were also used as secondary identifying features (Jefferson 2000).

2.2.5. All photographs of each individual were then compiled and arranged in chronological order, with data including the date and location first identified (initial sighting), re-sightings, associated dolphins, distinctive features, and age classes entered into a computer database.

2.3. Data analysis

2.3.1. Distribution Analysis – The line-transect survey data was integrated with the Geographic Information System (GIS) in order to visualize and interpret different spatial and temporal patterns of dolphin distribution using sighting positions. Location data of dolphin groups were plotted on map layers of Hong Kong using a desktop GIS (ArcView© 3.1) to examine their distribution patterns in details. The dataset was also stratified into different subsets to examine distribution patterns of dolphin groups with different categories of group sizes, young calves and activities.

2.3.2. Encounter rate analysis – Encounter rates of Chinese white dolphins (number of on-effort sightings per 100 km of survey effort, and total number of dolphins sighted on-effort per 100 km of survey effort) were calculated in NEL and NWL survey areas in relation to the amount of survey effort conducted during each month of monitoring survey. Dolphin encounter rates were calculated using primary survey effort alone, and only data collected under Beaufort 3 or below condition would be used for encounter rate analysis. The average encounter rate of sightings (STG) and average encounter rate of dolphins (ANI) were deduced

based on the encounter rates from four events during the quarter (i.e. four sets of line-transect surveys in North Lantau), which was also compared with the one deduced from the six events during the baseline period (i.e. six sets of line-transect surveys in North Lantau).

2.3.3. Quantitative grid analysis on habitat use – To conduct quantitative grid analysis of habitat use, positions of on-effort sightings of Chinese White Dolphins collected during the quarterly impact phase monitoring period were plotted onto 1-km^2 grids among NWL and NEL survey areas on GIS. Sighting densities (number of on-effort sightings per km^2) and dolphin densities (total number of dolphins from on-effort sightings per km^2) were then calculated for each 1 km by 1 km grid with the aid of GIS. Sighting density grids and dolphin density grids were then further normalized with the amount of survey effort conducted within each grid. The total amount of survey effort spent on each grid was calculated by examining the survey coverage on each line-transect survey to determine how many times the grid was surveyed during the study period. For example, when the survey boat traversed through a specific grid 50 times, 50 units of survey effort were counted for that grid. With the amount of survey effort calculated for each grid, the sighting density and dolphin density of each grid were then normalized (i.e. divided by the unit of survey effort).

The newly-derived unit for sighting density was termed SPSE, representing the number of on-effort **s**ightings **p**er 100 units of **s**urvey **e**ffort. In addition, the derived unit for actual dolphin density was termed DPSE, representing the number of **d**olphins **p**er 100 units of **s**urvey **e**ffort. Among the 1-km^2 grids that were partially covered by land, the percentage of sea area was calculated using GIS tools, and their SPSE and DPSE values were adjusted accordingly. The following formulae were used to estimate SPSE and DPSE in each 1-km^2 grid within the study area:

$$SPSE = ((S / E) \times 100) / SA\%$$
$$DPSE = ((D / E) \times 100) / SA\%$$

where S = total number of on-effort sightings
D = total number of dolphins from on-effort sightings
E = total number of units of survey effort
SA% = percentage of sea area

2.3.4. Behavioural analysis – When dolphins were sighted during vessel surveys, their behaviour was observed. Different activities were categorized (i.e. feeding, milling/resting, traveling, socializing) and recorded on sighting datasheets. This

data was then input into a separate database with sighting information, which can be used to determine the distribution of behavioural data with a desktop GIS. Distribution of sightings of dolphins engaged in different activities and behaviours would then be plotted on GIS and carefully examined to identify important areas for different activities of the dolphins.

2.3.5. Ranging pattern analysis – Location data of individual dolphins that occurred during the 3-month baseline monitoring period were obtained from the dolphin sighting database and photo-identification catalogue. To deduce home ranges for individual dolphins using the fixed kernel methods, the program Animal Movement Analyst Extension, was loaded as an extension with ArcView© 3.1 along with another extension Spatial Analyst 2.0. Using the fixed kernel method, the program calculated kernel density estimates based on all sighting positions, and provided an active interface to display kernel density plots. The kernel estimator then calculated and displayed the overall ranging area at 95% UD level.

3. Monitoring Results

3.1. Summary of survey effort and dolphin sightings

3.1.1. During the period of October to November 2012, four sets of systematic line-transect vessel surveys were conducted to cover all transect lines in NWL and NEL survey areas twice per month.

3.1.2. From these surveys, a total of 602.9 km of survey effort was collected, with 91.7% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility). Among the two areas, 230.1 km and 372.8 km of survey effort were conducted in NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 441.6 km, while the effort on secondary lines was 161.2 km. Survey effort conducted on primary and secondary lines were both considered as on-effort survey data. Summary table of the survey effort are shown in Appendix I.

3.1.3. During the four sets of monitoring surveys in October and November 2012, a total of 44 groups of 119 Chinese White Dolphins were sighted. All except five sightings were made during on-effort search. Thirty-four on-effort sightings were made on primary lines, while another five on-effort sightings were made on secondary lines. Among the two survey areas, 11 groups of 32 dolphins were sighted in NEL, while the other 33 groups of 87 dolphins were

sighted in NWL. Summary table of the dolphin sightings are shown in Appendix II.

3.2. Distribution

3.2.1. Distribution of dolphin sightings made during monitoring surveys in October and November 2012 was shown in Figure 1. Chinese white dolphins were mainly sighted to the north of Lung Kwu Chau, between Sha Chau and Pillar Point in NWL, and near Siu Mo To and Yam O in NEL during the two-month study period.

3.2.2. Notably, no dolphin was sighted in the vicinity of the HKLR03 reclamation site or HKBCF reclamation site during the two-month study period (Figure 1). A few dolphin sightings were made along the alignment of the future HKLR09 work site.

3.2.3. When compared with the sighting distribution of dolphins during baseline monitoring surveys in September to November 2011, it appears that fewer dolphins were sighted near Shum Shui Kok, at the northeast corner of the airport platform (i.e. near the HKBCF reclamation site) and near Pillar Point in October and November 2012 (Figure 1). In addition, more dolphins were sighted near Yam O during this two-month period than in the baseline monitoring period, and it appears that dolphin distribution has shifted eastward in NEL during the impact phase monitoring surveys (Figure 1)

3.3. Encounter rate

3.3.1 For the two-month study period in October and November 2012, the average encounter rates of Chinese white dolphins deduced from the survey effort and on-effort sighting data from the primary transect lines under favourable conditions (Beaufort 3 or below) are shown in Table 2. These encounter rates were also compared with the ones deduced from the baseline monitoring period in September to November 2011.

Table 2 Comparison of average dolphin encounter rates from impact monitoring period (October- November 2012) and baseline monitoring period (September-November 2011)

	Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)		**Encounter rate (ANI)** (no. of dolphins from all on-effort sightings per 100 km of survey effort)	
	October-November 2012	**September-November 2011**	**October-November 2012**	**September-November 2011**

Northeast Lantau	5.40 ± 5.80	6.00 ± 5.05	16.90 ± 18.17	22.19 ± 26.81
Northwest Lantau	9.88 ± 4.20	9.85 ± 5.85	26.50 ± 10.34	44.66 ± 29.85

3.3.2 The average dolphin encounter rates (both STG and ANI) in the present two-month study period were 10% and 24% lower than the ones recorded in the 3-month baseline period in NEL. On the other hand, the average dolphin encounter rate (STG) in NWL was similar between the two study periods, while the average dolphin encounter rate (ANI) was 41% lower in October-November 2012 than the one recorded in the 3-month baseline period.

3.3.3. A two-way ANOVA with repeated measures and unequal sample size was conducted to examine whether there were any significant differences in the average encounter rates between the baseline and impact monitoring periods. The two variables that were examined included the two periods (baseline and impact phases) and two locations (NEL and NWL), and no significant differences were detected for both average dolphin encounter rates of STG and ANI ($p=0.4749$).

3.4. Group size

3.4.1. Group size of Chinese White Dolphins ranged from 1-11 individuals per group in NEL and 1-7 individuals per group in NWL for the two-month study period in October and November 2012. The average dolphin group size from these two months were compared with the one deduced from the baseline period in September to November 2011, as shown in Table 3.

Table 3. Comparison of average dolphin group sizes from impact monitoring period (October- November 2012) and baseline monitoring period (September-November 2011)

	Average Dolphin Group Size	
	October- November 2012	**September-November 2011**
Overall	2.70 ± 2.10 (n = 44)	3.72 ± 3.13 (n = 66)
Northeast Lantau	2.91 ± 3.27 (n = 11)	3.18 ± 2.16 (n = 17)
Northwest Lantau	2.64 ± 1.60 (n = 33)	3.92 ± 3.40 (n = 49)

3.4.2. Notably, the average dolphin group sizes in NWL and the entire North Lantau region was lower during October-November 2012 than the ones recorded in the 3-month baseline period (Table 3). On the contrary, the ones in NEL were

similar between the two study periods (Table 3).

3.4.3. Distribution of dolphins with larger group sizes during October-November 2012 is shown in Figure 2. These groups were scattered throughout the NWL and NEL survey areas, with no apparent concentration. One large dolphin group of 11 individuals was sighted between the Brothers Islands in NEL (Figure 2). It appears that there were a lot more dolphin sightings with larger group sizes found around Lung Kwu Chau and Sha Chau during the 3-month baseline period in September-November 2011 than the two-month period in October-November 2012.

3.5. Habitat use

3.5.1. From October to November 2012, the most heavily utilized habitats by Chinese White Dolphins included the areas around Lung Kwu Chau and Sha Chau, near Siu Mo To and Yam O (Figures 3a and 3b).

3.5.2. It should be noted that the amount of survey effort collected in each grid during the two-month period was fairly low (4-8 unit of survey effort for most grids), and therefore the habitat use pattern derived from the two-month dataset should be treated with caution. A more complete picture of dolphin habitat use pattern will be presented when more survey effort for each grid will be collected throughout the impact phase monitoring programme.

3.5.3. Notably, none of the grids along the alignment of HKLR or HKBCF recorded any dolphin densities (Figures 3a and 3b), while during the baseline period several grids along the alignments of HKLR (Grids F21 and G20) and adjacent to the reclamation site of HKBCF (Grid P17) recorded moderate to high dolphin densities.

3.6. Mother-calf pairs

3.6.1. During the two-month study period, a total of 3 unspotted calves (UC) and 4 unspotted juveniles (UJ) were sighted in NEL and NWL survey areas. These young calves comprised 5.9% of all animals sighted, which was similar to the percentage recorded during the baseline monitoring period (6.8%).

3.6.2. These young calves only occurred near Siu Mo To and near Sha Chau in October-November 2012 (Figure 4). On the contrary, the young calves regularly occurred along the Urmston Road between Black Point and Lung Kwu Chau, as well as the waters between Sha Chau and the airport during the baseline period (Figure 4). Notably no young calves were found in the vicinity of the HKLR03 or HKBCF construction site in October to November 2012.

3.7. Activities and associations with fishing boats

3.7.1. A total of five dolphin sightings were associated with feeding and socializing activities during the two-month study period, comprising of 9.1% and 2.3% of the total number of dolphin sightings. Both percentages were slightly lower than the percentages recorded during the baseline period (feeding activity: 11.6%; socializing activity: 5.4%). Only a lone dolphin was engaged in traveling activity near Yam O in NEL (Figure 5).

3.7.2. Distribution of dolphins engaged in different activities during the two-month study period scattered throughout the two survey areas, and none of these activities occurred near the construction sites of HKLR and HKBCF (Figure 5). Notably, most feeding and socializing activities concentrated within the Sha Chau and Lung Kwu Chau Marine Park during the baseline period, but that was not the case during the two-month study period in October-November 2012 (Figure 5).

3.7.3. Only two dolphin groups were found to be associated with operating fishing boats, comprising of 4.5% of all dolphin groups, which was similar to the percentage recorded in baseline period (5.4%).

3.8. Photo-identification and individual range use

3.8.1. From October to November 2012, over 2,000 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.8.2. In total, 41 individuals sighted 71 times altogether were identified (see summary table in Appendix III). The number of re-sightings made in NEL and NWL were 33.8% and 66.2% of the total respectively. Notably, a very high percentage of dolphins sighted in NEL (24 out of 32 dolphins) were identified as known individuals, and the rest were small calves that were not distinctive enough to be identified.

3.8.3. Most identified individuals were sighted only once or twice during the two-month period, with the exception of eight individuals being sighted thrice (i.e. CH34, NL18, NL202, NL220, NL244, NL246, NL295 and NL296).

3.8.4. Ranging patterns of the 14 individuals identified during the two-month study period were determined by fixed kernel method, and are shown in Appendix IV.

Notably, many of these individuals being sighted twice or thrice ranged extensively across NEL and NWL.

3.8.5. A number of individuals were sighted in both NEL and NWL survey areas (e.g. NL33, NL98, NL246, NL295), indicating that the on-going HZMB construction works have not affected their movement between the two areas. In fact, a number of year-round residents (e.g. NL18, NL24, NL123, NL179) were still sighted consistently in Northeast Lantau, suggesting that the usage of this area have yet to be seriously affected by the reclamation works of HKLR03 or HKBCF.

3.8.6. It should be noted that only a very few individuals have their ranges overlapped with the HKLR03 construction works (Appendix I), and their movement will likely not be affected by the reclamation works of the present project. Nevertheless, the range use of individual dolphins will be continuously monitored throughout the construction period to examine whether any shift in ranging pattern has occurred as a result of the HZMB construction activities.

4. Conclusion

4.1. During this month of dolphin monitoring, no adverse impact from the activities of this construction project on Chinese white dolphins was noticeable from general observations.

4.2. Although the average dolphin encounter rates and group sizes in the present two-month study period were generally lower than the ones in the three-month baseline monitoring period, the dolphins do not appear to be affected by the HKLR03 reclamation works, as they rarely occurred in this area in the past (see Hung 2012), during the baseline monitoring period and the impact phase monitoring period. It is also possible that the comparison between two-month period in impact phase monitoring and the three-month baseline period may not be useful, and full quarter (i.e. three months) of impact phase monitoring will allow a better comparison in dolphin usage with the baseline period.

4.3. Nevertheless, dolphin usage in NEL and NWL will be continuously monitored, to examine whether it will be affected by the on-going construction activities in relation to the HZMB works.

5. References

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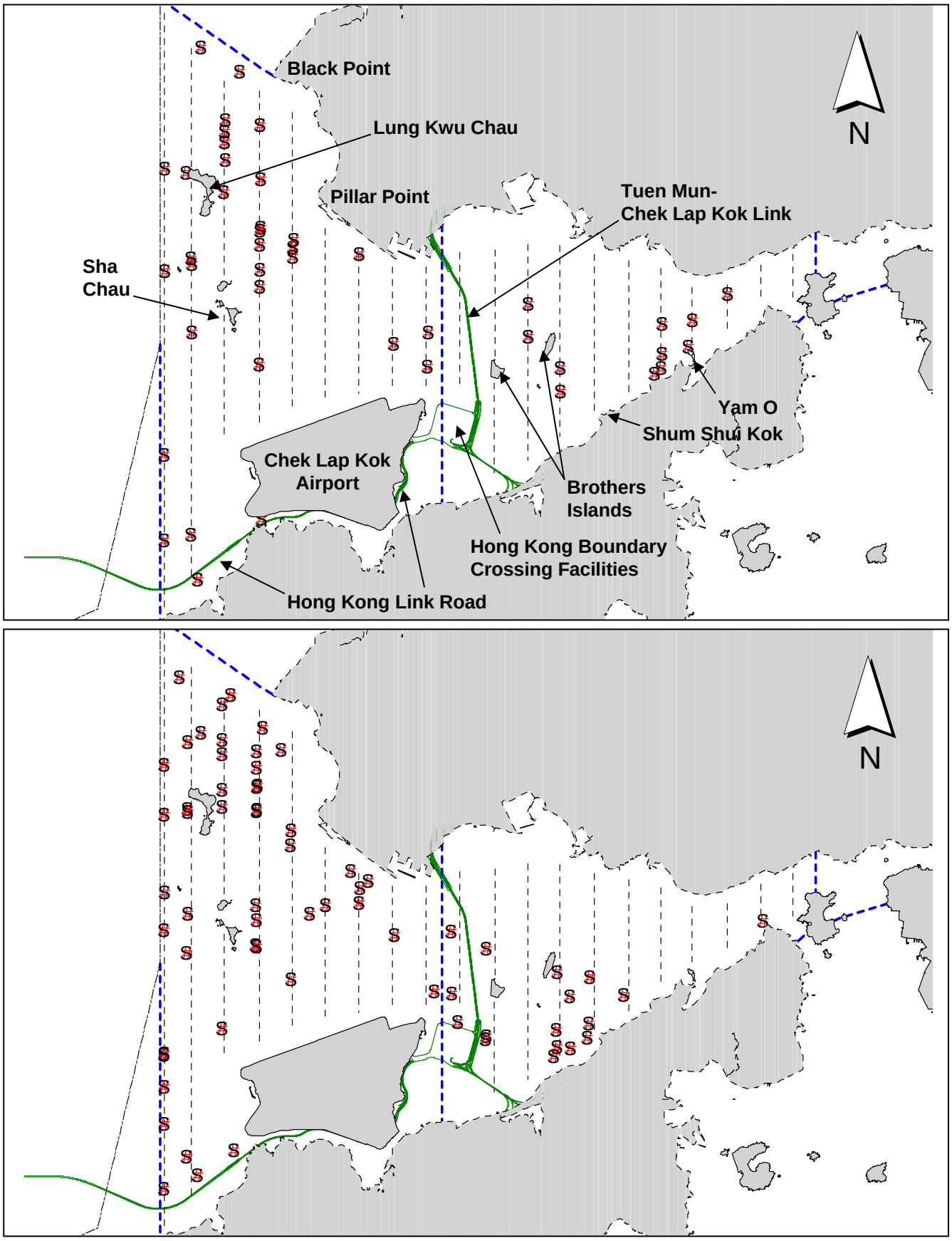


Figure 1. Distribution of Chinese white dolphin sighting in Northwest and Northeast Lantau during HKLR03 impact phase (top: October-November 2012) and baseline monitoring surveys (below: September – November 2011)

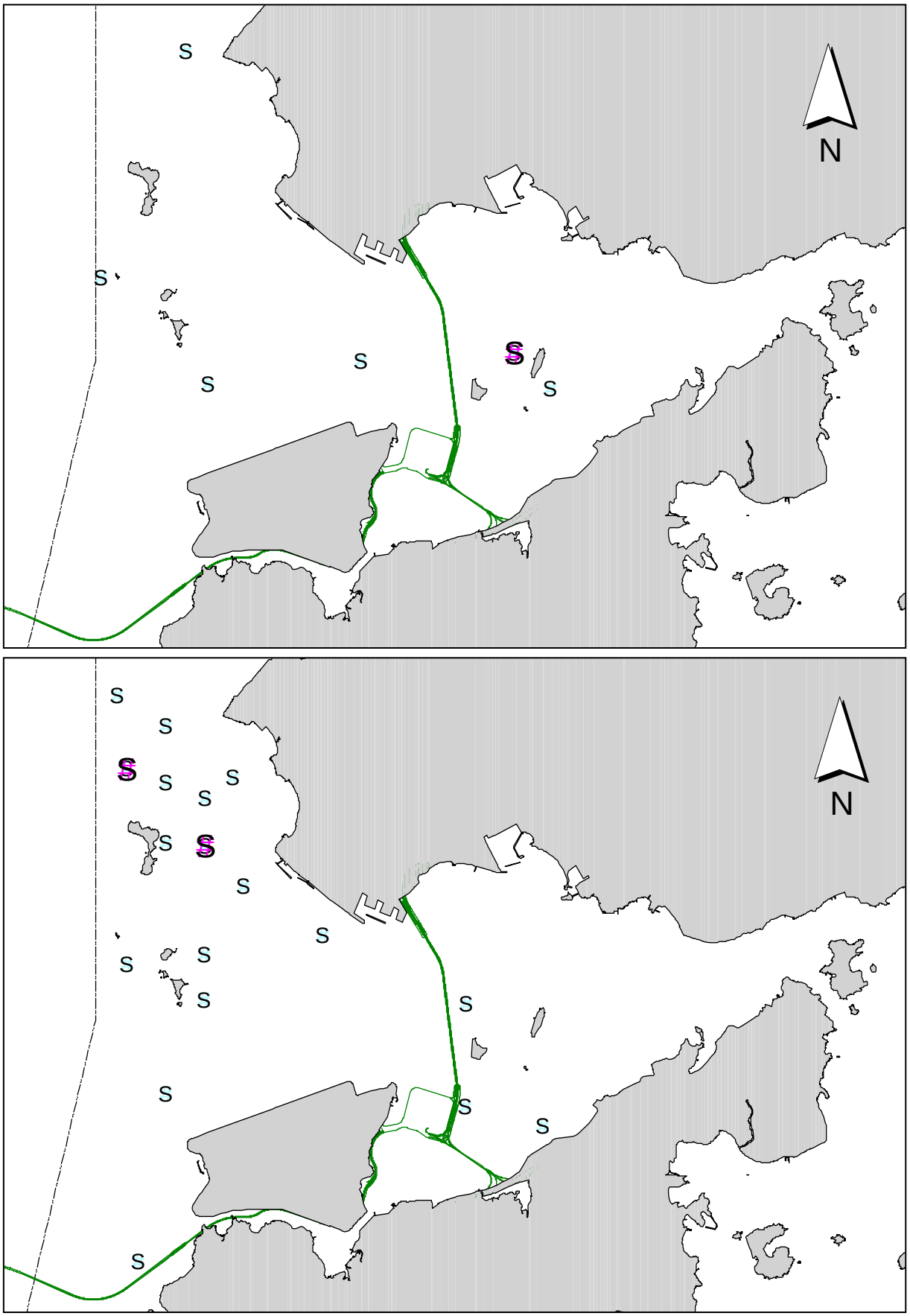


Figure 2. Distribution of Chinese white dolphins with larger group sizes during HKLR03 impact phase (top: October-November 2012) and baseline monitoring surveys (below: September – November 2011) (blue dots: group sizes of 5 or more; purple dots: group sizes of 10 or more)

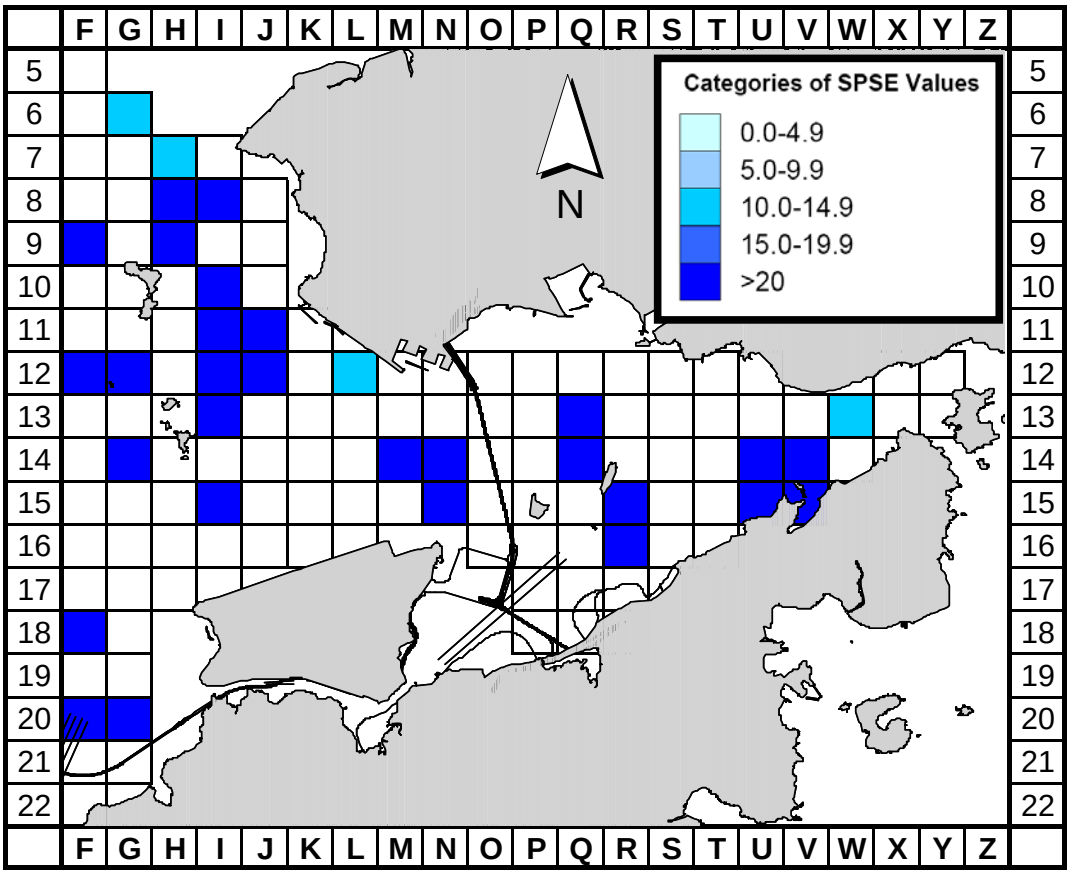


Figure 3a. Sighting density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period mointoring period (Oct-Nov 2012) (SPSE = no. of on-effort sightings per 100 units of survey effort)

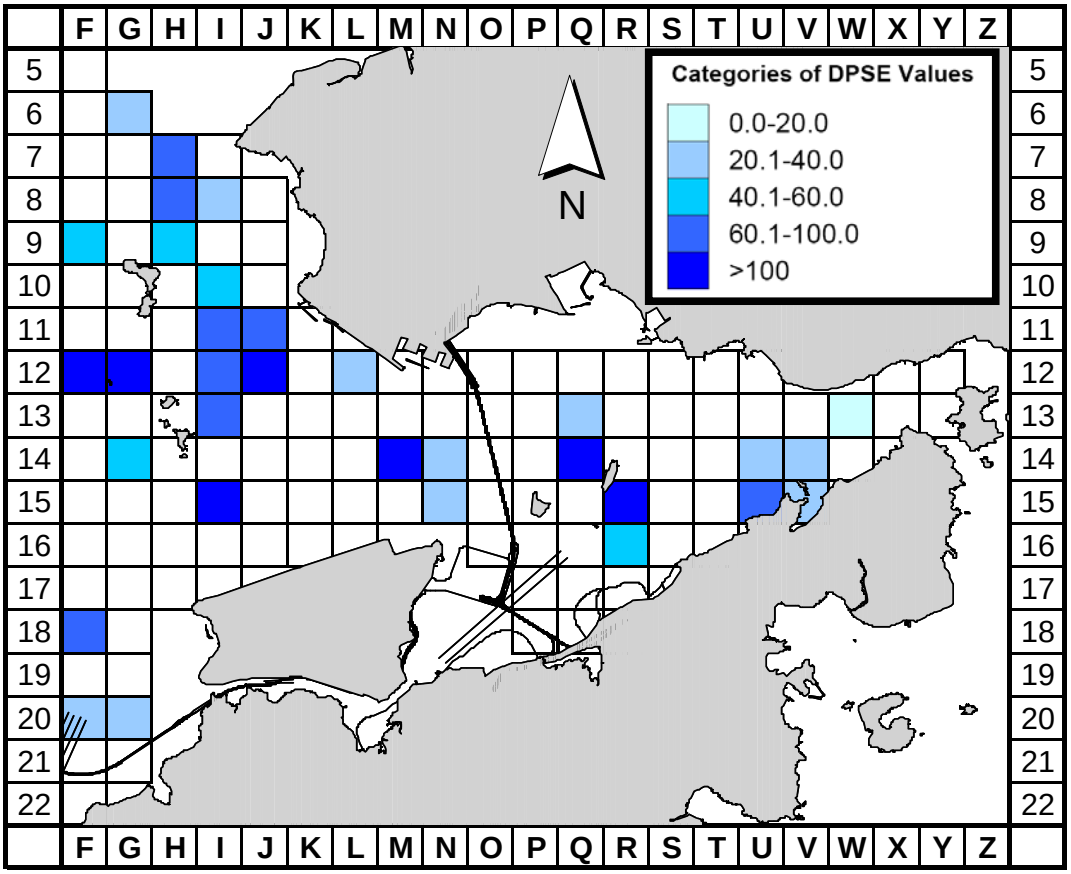


Figure 3b. Density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period (Oct-Nov 2012) (DPSE = no. of dolphins per 100 units of survey effort)

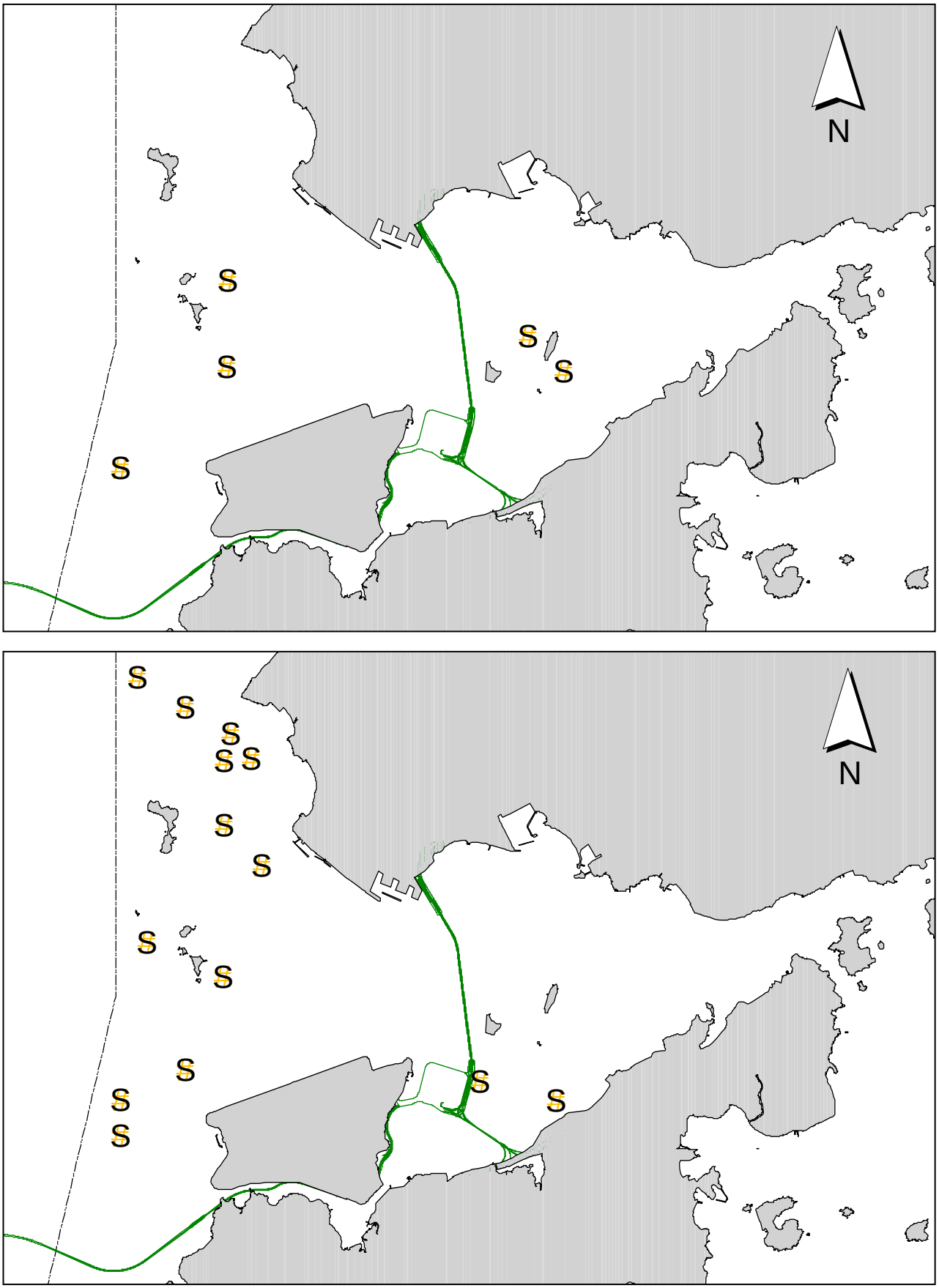


Figure 4. Distribution of young calves of Chinese white dolphins during HKLR03 impact phase (top: October-November 2012) and baseline monitoring surveys (below: September – November 2011)

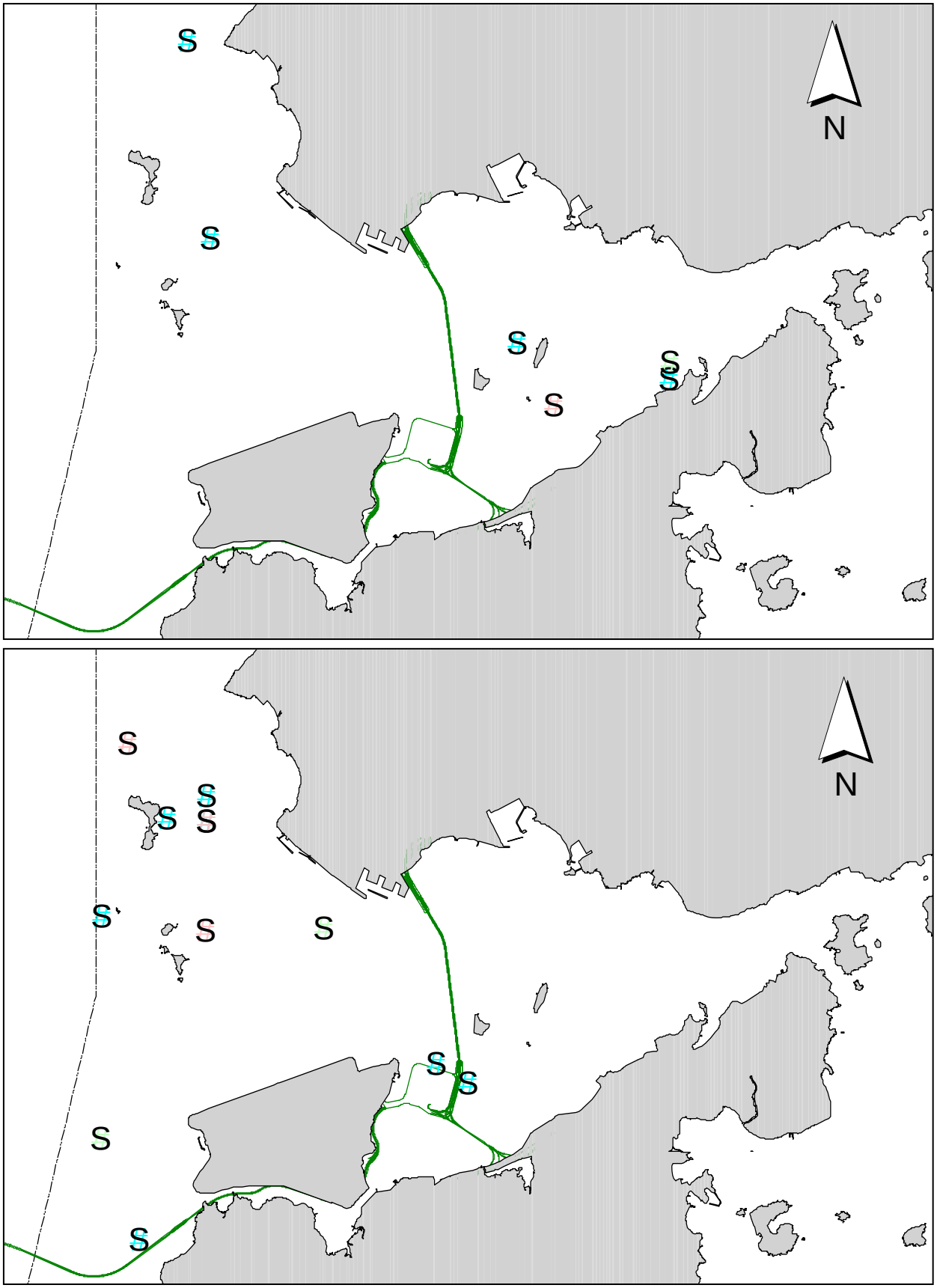


Figure 5. Distribution of Chinese white dolphins engaged in feeding (blue dots), socializing (pink dots) and traveling (green dots) activities during HKLR03 impact phase (top: October-November 2012) and baseline monitoring surveys (below: September – November 2011)

Appendix I. HKLR03 Survey Effort Database (October-November 2012)

(Abbreviations: BEAU = Beaufort Sea State; P = Primary Line Effort; S = Secondary Line Effort)

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
17-Oct-12	NE LANTAU	2	9	AUTUMN	STANDARD31516	HKLR	P
17-Oct-12	NE LANTAU	3	8.7	AUTUMN	STANDARD31516	HKLR	P
17-Oct-12	NE LANTAU	2	8	AUTUMN	STANDARD31516	HKLR	S
17-Oct-12	NE LANTAU	3	2.2	AUTUMN	STANDARD31516	HKLR	S
17-Oct-12	NW LANTAU	2	11.9	AUTUMN	STANDARD31516	HKLR	P
17-Oct-12	NW LANTAU	3	8.9	AUTUMN	STANDARD31516	HKLR	P
17-Oct-12	NW LANTAU	4	20.2	AUTUMN	STANDARD31516	HKLR	P
17-Oct-12	NW LANTAU	2	3.6	AUTUMN	STANDARD31516	HKLR	S
17-Oct-12	NW LANTAU	3	7.2	AUTUMN	STANDARD31516	HKLR	S
17-Oct-12	NW LANTAU	4	2.3	AUTUMN	STANDARD31516	HKLR	S
18-Oct-12	NW LANTAU	1	3	AUTUMN	STANDARD31516	HKLR	P
18-Oct-12	NW LANTAU	2	21.3	AUTUMN	STANDARD31516	HKLR	P
18-Oct-12	NW LANTAU	3	7.5	AUTUMN	STANDARD31516	HKLR	P
18-Oct-12	NW LANTAU	1	0.5	AUTUMN	STANDARD31516	HKLR	S
18-Oct-12	NW LANTAU	2	5.8	AUTUMN	STANDARD31516	HKLR	S
18-Oct-12	NE LANTAU	2	19.8	AUTUMN	STANDARD31516	HKLR	P
18-Oct-12	NE LANTAU	3	0.6	AUTUMN	STANDARD31516	HKLR	P
18-Oct-12	NE LANTAU	2	10.9	AUTUMN	STANDARD31516	HKLR	S
25-Oct-12	NE LANTAU	2	10.5	AUTUMN	STANDARD31516	HKLR	P
25-Oct-12	NE LANTAU	3	7.8	AUTUMN	STANDARD31516	HKLR	P
25-Oct-12	NE LANTAU	2	10.4	AUTUMN	STANDARD31516	HKLR	S
25-Oct-12	NW LANTAU	2	31.7	AUTUMN	STANDARD31516	HKLR	P
25-Oct-12	NW LANTAU	2	7.5	AUTUMN	STANDARD31516	HKLR	S
26-Oct-12	NW LANTAU	2	20.5	AUTUMN	STANDARD31516	HKLR	P
26-Oct-12	NW LANTAU	2	6.7	AUTUMN	STANDARD31516	HKLR	S
26-Oct-12	NW LANTAU	3	1.4	AUTUMN	STANDARD31516	HKLR	S
26-Oct-12	NE LANTAU	1	0.8	AUTUMN	STANDARD31516	HKLR	P
26-Oct-12	NE LANTAU	2	18.2	AUTUMN	STANDARD31516	HKLR	P
26-Oct-12	NE LANTAU	1	2.6	AUTUMN	STANDARD31516	HKLR	S
26-Oct-12	NE LANTAU	2	6	AUTUMN	STANDARD31516	HKLR	S
29-Oct-12	NW LANTAU	3	16.7	AUTUMN	STANDARD31516	HKLR	P
29-Oct-12	NW LANTAU	4	7.5	AUTUMN	STANDARD31516	HKLR	P
29-Oct-12	NW LANTAU	3	6.5	AUTUMN	STANDARD31516	HKLR	S
2-Nov-02	NE LANTAU	1	5.3	AUTUMN	STANDARD31516	HKLR	P
2-Nov-02	NE LANTAU	2	12	AUTUMN	STANDARD31516	HKLR	P
2-Nov-02	NE LANTAU	1	1.3	AUTUMN	STANDARD31516	HKLR	S
2-Nov-02	NE LANTAU	2	7.4	AUTUMN	STANDARD31516	HKLR	S
2-Nov-02	NW LANTAU	1	0.6	AUTUMN	STANDARD31516	HKLR	P
2-Nov-02	NW LANTAU	2	40.2	AUTUMN	STANDARD31516	HKLR	P
2-Nov-02	NW LANTAU	1	1.6	AUTUMN	STANDARD31516	HKLR	S
2-Nov-02	NW LANTAU	2	9.8	AUTUMN	STANDARD31516	HKLR	S
2-Nov-02	NW LANTAU	3	1.7	AUTUMN	STANDARD31516	HKLR	S
3-Nov-12	NW LANTAU	2	6.3	AUTUMN	STANDARD31516	HKLR	P
3-Nov-12	NW LANTAU	3	13	AUTUMN	STANDARD31516	HKLR	P
3-Nov-12	NW LANTAU	4	11.9	AUTUMN	STANDARD31516	HKLR	P
3-Nov-12	NW LANTAU	2	2.6	AUTUMN	STANDARD31516	HKLR	S
3-Nov-12	NW LANTAU	4	4.2	AUTUMN	STANDARD31516	HKLR	S
3-Nov-12	NE LANTAU	2	4.7	AUTUMN	STANDARD31516	HKLR	P
3-Nov-12	NE LANTAU	3	14.2	AUTUMN	STANDARD31516	HKLR	P
3-Nov-12	NE LANTAU	2	6.9	AUTUMN	STANDARD31516	HKLR	S
3-Nov-12	NE LANTAU	3	5.4	AUTUMN	STANDARD31516	HKLR	S

Appendix I. (cont'd)

(Abbreviations: BEAU = Beaufort Sea State; P = Primary Line Effort; S = Secondary Line Effort)

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
12-Nov-12	NE LANTAU	1	2.8	AUTUMN	STANDARD31516	HKLR	P
12-Nov-12	NE LANTAU	2	15.9	AUTUMN	STANDARD31516	HKLR	P
12-Nov-12	NE LANTAU	3	1.9	AUTUMN	STANDARD31516	HKLR	P
12-Nov-12	NE LANTAU	1	2.5	AUTUMN	STANDARD31516	HKLR	S
12-Nov-12	NE LANTAU	2	6.9	AUTUMN	STANDARD31516	HKLR	S
12-Nov-12	NE LANTAU	3	1.3	AUTUMN	STANDARD31516	HKLR	S
12-Nov-12	NW LANTAU	2	16.6	AUTUMN	STANDARD31516	HKLR	P
12-Nov-12	NW LANTAU	3	10.8	AUTUMN	STANDARD31516	HKLR	P
12-Nov-12	NW LANTAU	4	4.1	AUTUMN	STANDARD31516	HKLR	P
12-Nov-12	NW LANTAU	2	5.2	AUTUMN	STANDARD31516	HKLR	S
12-Nov-12	NW LANTAU	3	1.4	AUTUMN	STANDARD31516	HKLR	S
13-Nov-12	NW LANTAU	2	13.8	AUTUMN	STANDARD31516	HKLR	P
13-Nov-12	NW LANTAU	3	25.8	AUTUMN	STANDARD31516	HKLR	P
13-Nov-12	NW LANTAU	2	4.2	AUTUMN	STANDARD31516	HKLR	S
13-Nov-12	NW LANTAU	3	8.3	AUTUMN	STANDARD31516	HKLR	S
13-Nov-12	NE LANTAU	1	2	AUTUMN	STANDARD31516	HKLR	P
13-Nov-12	NE LANTAU	2	15.1	AUTUMN	STANDARD31516	HKLR	P
13-Nov-12	NE LANTAU	2	8.9	AUTUMN	STANDARD31516	HKLR	S

Appendix II. HKLR03 Chinese White Dolphin Sighting Database (October - November 2012)

(Abberviations: STG# = Sighting Number; HRD SZ = Dolphin Herd Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance; BOAT ASSOC. = Fishing Boat Association; P/S: Sighting Made on Primary/Secondary Lines)

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
17-Oct-12	1	1508	4	NW LANTAU	3	82	ON	HKLR	828378	806490	AUTUMN	NONE	P
17-Oct-12	2	1528	2	NW LANTAU	3	120	ON	HKLR	830417	805763	AUTUMN	NONE	S
18-Oct-12	1	1000	1	NW LANTAU	2	ND	OFF	HKLR	817147	807571	AUTUMN	NONE	
18-Oct-12	2	1126	6	NW LANTAU	2	156	ON	HKLR	829750	806925	AUTUMN	NONE	S
18-Oct-12	3	1205	1	NW LANTAU	2	263	ON	HKLR	824854	807534	AUTUMN	NONE	P
18-Oct-12	4	1216	4	NW LANTAU	2	588	ON	HKLR	823670	807511	AUTUMN	NONE	P
25-Oct-12	1	1006	1	NE LANTAU	2	237	ON	HKLR	823483	821510	AUTUMN	NONE	P
25-Oct-12	2	1040	4	NE LANTAU	2	576	ON	HKLR	821382	819509	AUTUMN	SINGLE	S
25-Oct-12	3	1053	1	NE LANTAU	2	111	ON	HKLR	821791	819530	AUTUMN	NONE	P
25-Oct-12	4	1101	1	NE LANTAU	2	99	ON	HKLR	822655	819531	AUTUMN	NONE	P
25-Oct-12	5	1214	11	NE LANTAU	3	585	ON	HKLR	822261	815534	AUTUMN	SINGLE	P
25-Oct-12	6	1238	1	NE LANTAU	3	117	ON	HKLR	823202	815545	AUTUMN	NONE	P
25-Oct-12	7	1324	6	NW LANTAU	2	321	ON	HKLR	822068	811526	AUTUMN	NONE	P
25-Oct-12	8	1443	3	NW LANTAU	2	277	ON	HKLR	825353	807535	AUTUMN	NONE	P
25-Oct-12	9	1454	2	NW LANTAU	2	57	ON	HKLR	826715	807548	AUTUMN	NONE	P
26-Oct-12	1	1331	1	NW LANTAU	2	110	ON	HKLR	827747	806468	AUTUMN	NONE	P
29-Oct-12	1	1147	2	NW LANTAU	3	74	ON	HKLR	827019	804675	AUTUMN	NONE	P
02-Nov-12	1	1008	1	NE LANTAU	2	383	ON	HKLR	822754	820458	AUTUMN	NONE	P
02-Nov-12	2	1016	2	NE LANTAU	2	134	ON	HKLR	821990	820324	AUTUMN	NONE	S
02-Nov-12	3	1115	7	NE LANTAU	2	659	ON	HKLR	821396	816501	AUTUMN	NONE	P
02-Nov-12	4	1309	3	NW LANTAU	2	302	ON	HKLR	824617	810490	AUTUMN	NONE	P
02-Nov-12	5	1403	3	NW LANTAU	2	29	ON	HKLR	824797	808502	AUTUMN	NONE	P
02-Nov-12	6	1410	3	NW LANTAU	2	38	ON	HKLR	824531	808502	AUTUMN	NONE	P
02-Nov-12	7	1522	2	NW LANTAU	2	117	ON	HKLR	827248	806488	AUTUMN	NONE	P
02-Nov-12	8	1651	3	NW LANTAU	2	83	ON	HKLR	818958	804658	AUTUMN	NONE	P
03-Nov-12	1	1008	2	NW LANTAU	3	ND	OFF	HKLR	815434	805661	AUTUMN	NONE	
03-Nov-12	2	1028	1	NW LANTAU	3	382	ON	HKLR	816686	805468	AUTUMN	NONE	P
03-Nov-12	3	1055	2	NW LANTAU	3	411	ON	HKLR	822400	805479	AUTUMN	NONE	P
03-Nov-12	4	1106	2	NW LANTAU	4	230	ON	HKLR	824327	805483	AUTUMN	NONE	P
12-Nov-12	1	1343	5	NW LANTAU	2	225	ON	HKLR	821499	807507	AUTUMN	NONE	P
12-Nov-12	2	1422	3	NW LANTAU	2	367	ON	HKLR	824168	807522	AUTUMN	NONE	P
12-Nov-12	3	1437	2	NW LANTAU	2	314	ON	HKLR	825264	807514	AUTUMN	NONE	P

Appendix II. (cont'd)

(Abberviations: STG# = Sighting Number; HRD SZ = Dolphin Herd Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance; BOAT ASSOC. = Fishing Boat Association; P/S: Sighting Made on Primary/Secondary Lines)

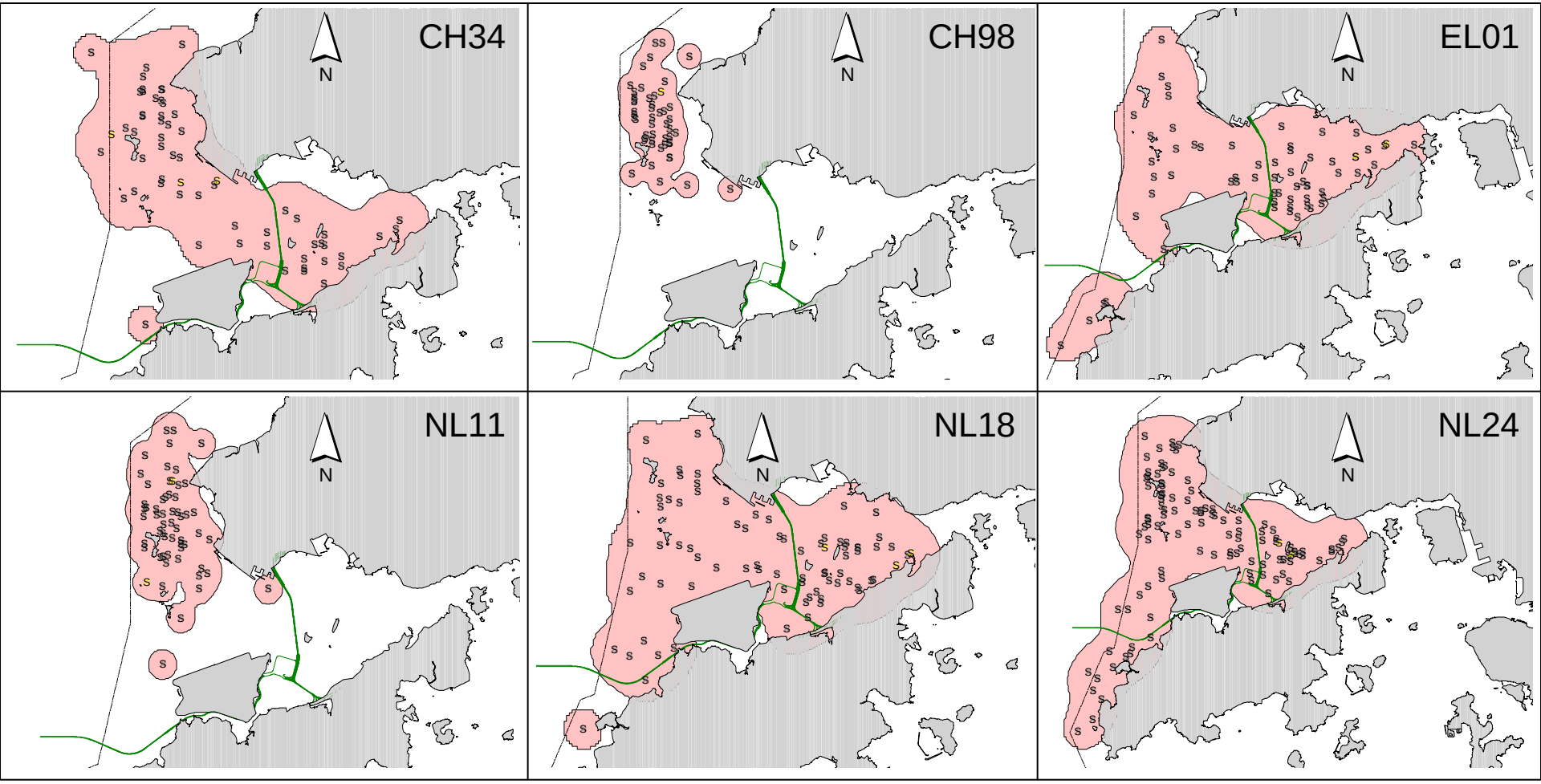
DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
12-Nov-12	4	1502	1	NW LANTAU	2	377	ON	HKLR	828243	807530	AUTUMN	NONE	P
12-Nov-12	5	1540	1	NW LANTAU	3	ND	OFF	HKLR	826896	805303	AUTUMN	NONE	
12-Nov-12	6	1600	3	NW LANTAU	3	35	ON	HKLR	824493	805453	AUTUMN	NONE	P
13-Nov-12	1	1025	1	NW LANTAU	2	1050	ON	HKLR	816533	804664	AUTUMN	NONE	P
13-Nov-12	2	1101	7	NW LANTAU	3	51	ON	HKLR	824140	804679	AUTUMN	NONE	P
13-Nov-12	3	1159	2	NW LANTAU	3	ND	OFF	HKLR	828068	806459	AUTUMN	NONE	
13-Nov-12	4	1209	4	NW LANTAU	2	ND	OFF	HKLR	826340	806445	AUTUMN	NONE	
13-Nov-12	5	1319	3	NW LANTAU	3	100	ON	HKLR	825008	808523	AUTUMN	NONE	P
13-Nov-12	6	1427	1	NW LANTAU	2	390	ON	HKLR	821435	812535	AUTUMN	NONE	P
13-Nov-12	7	1434	1	NW LANTAU	2	227	ON	HKLR	822398	812546	AUTUMN	NONE	P
13-Nov-12	8	1538	2	NE LANTAU	2	267	ON	HKLR	820732	816500	AUTUMN	NONE	P
13-Nov-12	9	1634	1	NE LANTAU	2	329	ON	HKLR	821238	819303	AUTUMN	NONE	S

Appendix III. Individual dolphins identified during HKLR03 monitoring surveys in October - November 2012

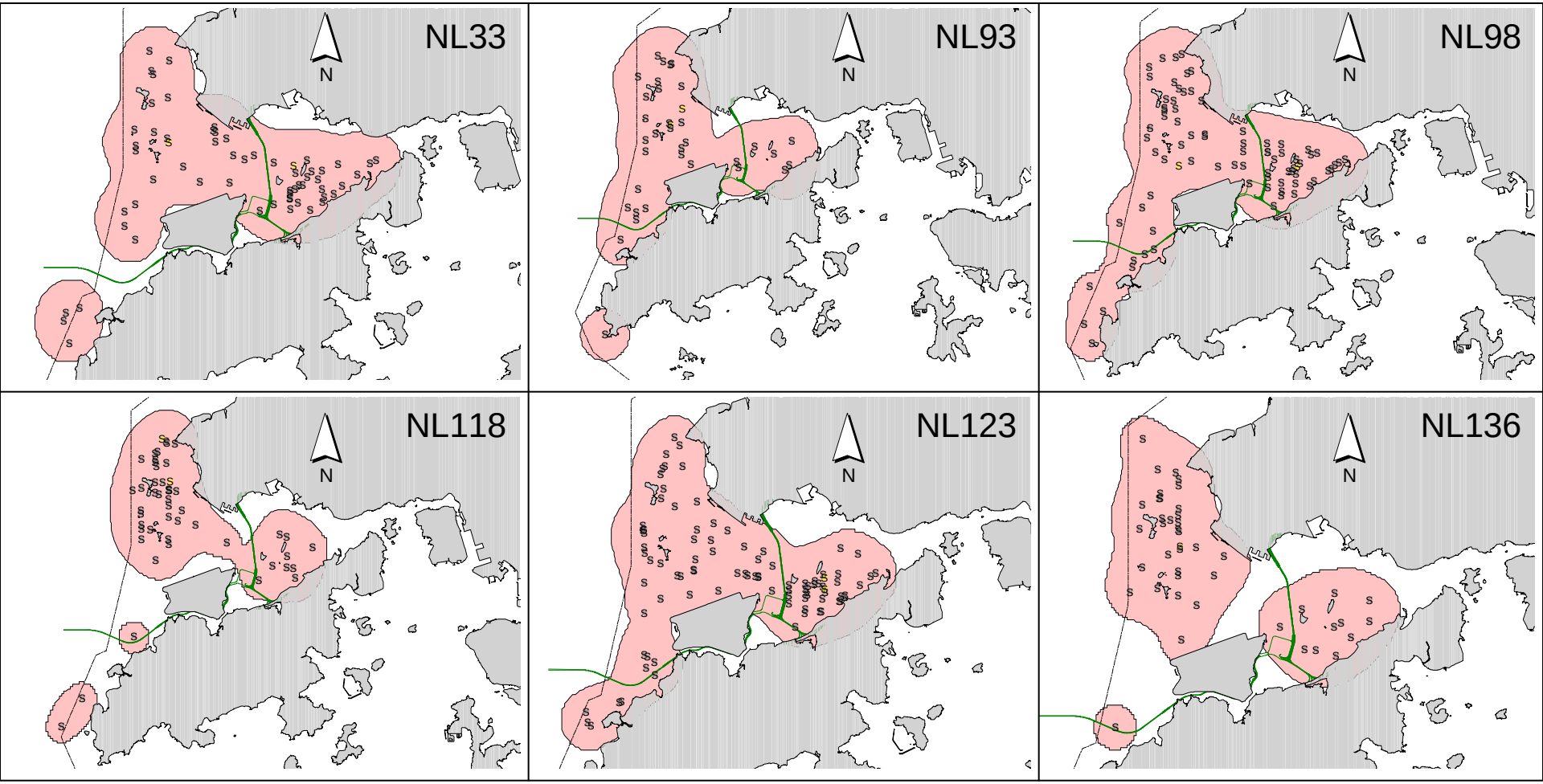
ID#	DATE	STG#	AREA
CH34	2012-10-29	1	NW LANTAU
	2012-11-02	4	NW LANTAU
	2012-11-02	6	NW LANTAU
CH98	2012-10-18	2	NW LANTAU
EL01	2012-10-25	1	NE LANTAU
	2012-10-25	4	NE LANTAU
NL11	2012-10-18	2	NW LANTAU
	2012-11-03	4	NW LANTAU
NL18	2012-10-25	2	NE LANTAU
	2012-10-25	5	NE LANTAU
	2012-11-02	2	NE LANTAU
NL24	2012-10-25	5	NE LANTAU
	2012-11-02	3	NE LANTAU
NL33	2012-10-18	4	NW LANTAU
	2012-10-25	5	NE LANTAU
NL93	2012-10-18	4	NW LANTAU
	2012-11-13	5	NW LANTAU
NL98	2012-11-02	3	NE LANTAU
	2012-11-12	1	NW LANTAU
NL118	2012-10-18	2	NW LANTAU
	2012-10-25	9	NW LANTAU
NL123	2012-11-02	3	NE LANTAU
	2012-11-13	8	NE LANTAU
NL136	2012-11-12	3	NW LANTAU
NL139	2012-11-12	3	NW LANTAU
	2012-11-13	5	NW LANTAU
NL150	2012-11-13	2	NW LANTAU
NL179	2012-10-25	5	NE LANTAU
	2012-11-02	3	NE LANTAU
NL182	2012-10-25	9	NW LANTAU
	2012-11-02	2	NE LANTAU
NL188	2012-11-02	8	NW LANTAU
NL191	2012-10-29	1	NW LANTAU
NL202	2012-10-18	3	NW LANTAU
	2012-11-02	7	NW LANTAU
	2012-11-12	6	NW LANTAU
NL213	2012-11-12	5	NW LANTAU
	2012-11-13	2	NW LANTAU
NL220	2012-11-02	4	NW LANTAU
	2012-11-02	6	NW LANTAU
	2012-11-03	4	NW LANTAU
NL226	2012-10-25	5	NE LANTAU
	2012-11-12	1	NW LANTAU

ID#	DATE	STG#	AREA
NL242	2012-11-02	3	NE LANTAU
NL244	2012-10-18	2	NW LANTAU
	2012-11-02	5	NW LANTAU
	2012-11-13	4	NW LANTAU
NL246	2012-10-25	5	NE LANTAU
	2012-11-12	2	NW LANTAU
	2012-11-13	9	NE LANTAU
NL259	2012-11-12	1	NW LANTAU
NL260	2012-11-02	5	NW LANTAU
NL261	2012-10-25	5	NE LANTAU
NL262	2012-10-18	2	NW LANTAU
NL264	2012-11-13	4	NW LANTAU
NL280	2012-11-13	2	NW LANTAU
NL285	2012-11-13	8	NE LANTAU
NL286	2012-11-02	7	NW LANTAU
	2012-11-12	6	NW LANTAU
NL287	2012-11-12	6	NW LANTAU
NL295	2012-10-25	2	NE LANTAU
	2012-10-25	5	NE LANTAU
	2012-11-02	5	NW LANTAU
NL296	2012-10-25	2	NE LANTAU
	2012-10-25	5	NE LANTAU
	2012-11-12	1	NW LANTAU
SL27	2012-11-03	1	NW LANTAU
SL35	2012-10-18	1	NW LANTAU
WL11	2012-11-02	8	NW LANTAU
WL111	2012-11-13	4	NW LANTAU
WL170	2012-11-03	1	NW LANTAU

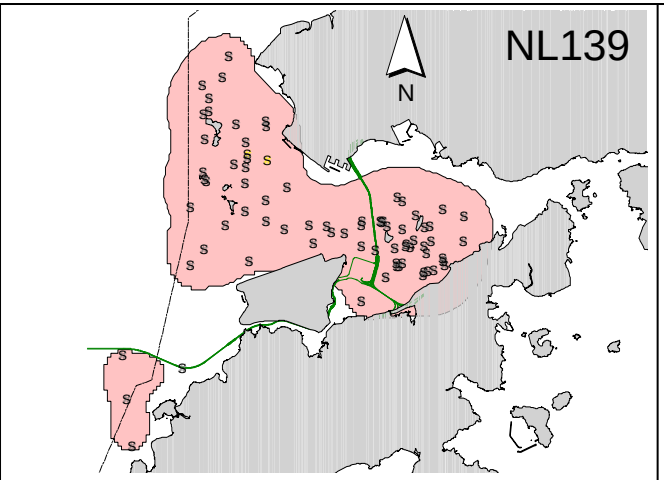
Appendix IV. Ranging patterns (95% kernel ranges) of 41 individual dolphins that were sighted during HKLR03 impact phase monitoring period (note: yellow dots indicates sightings made in October-November 2012)

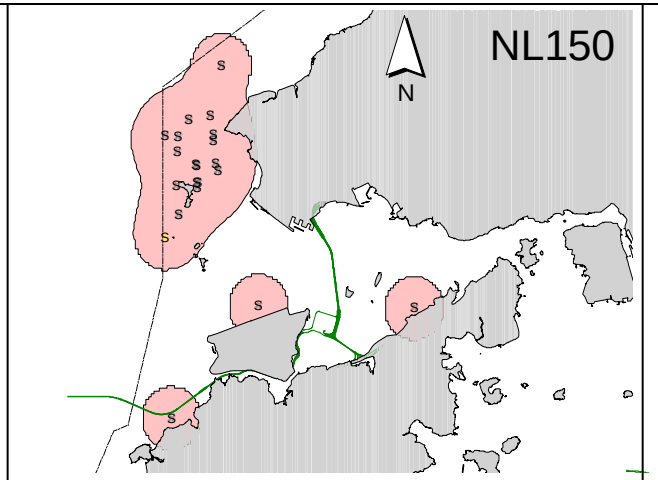


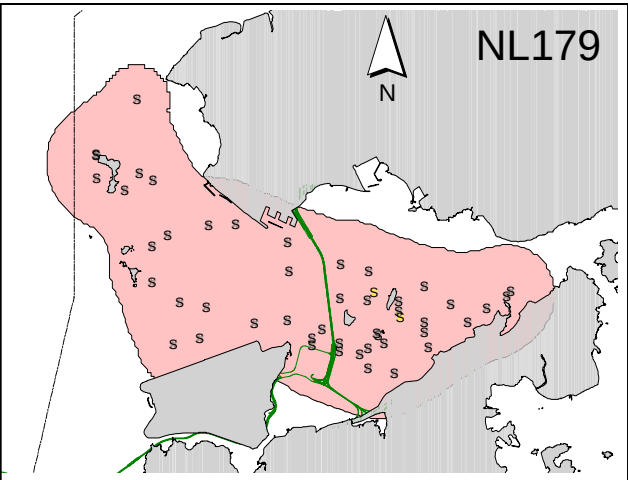
Appendix IV. (cont'd)

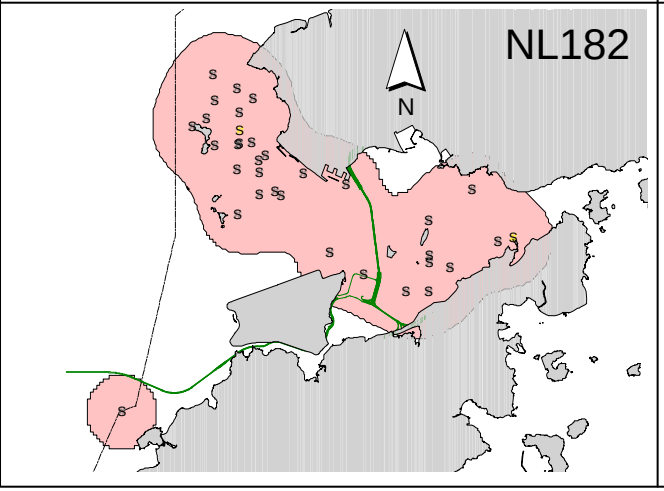


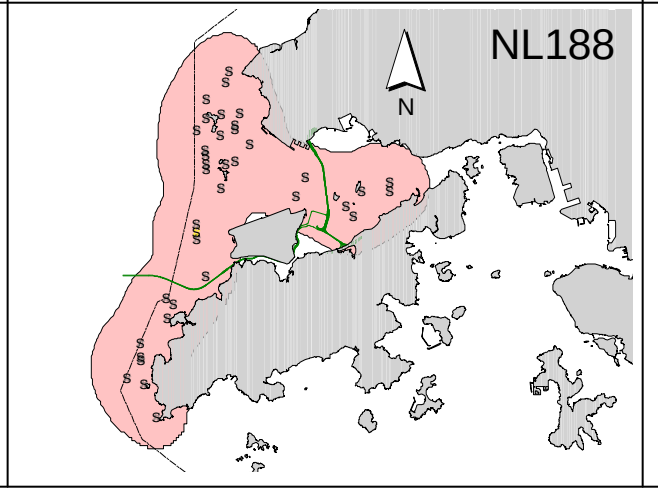
Appendix IV. (cont'd)

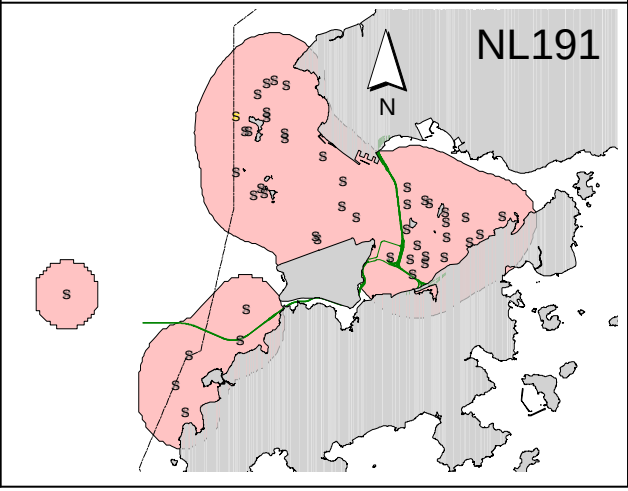




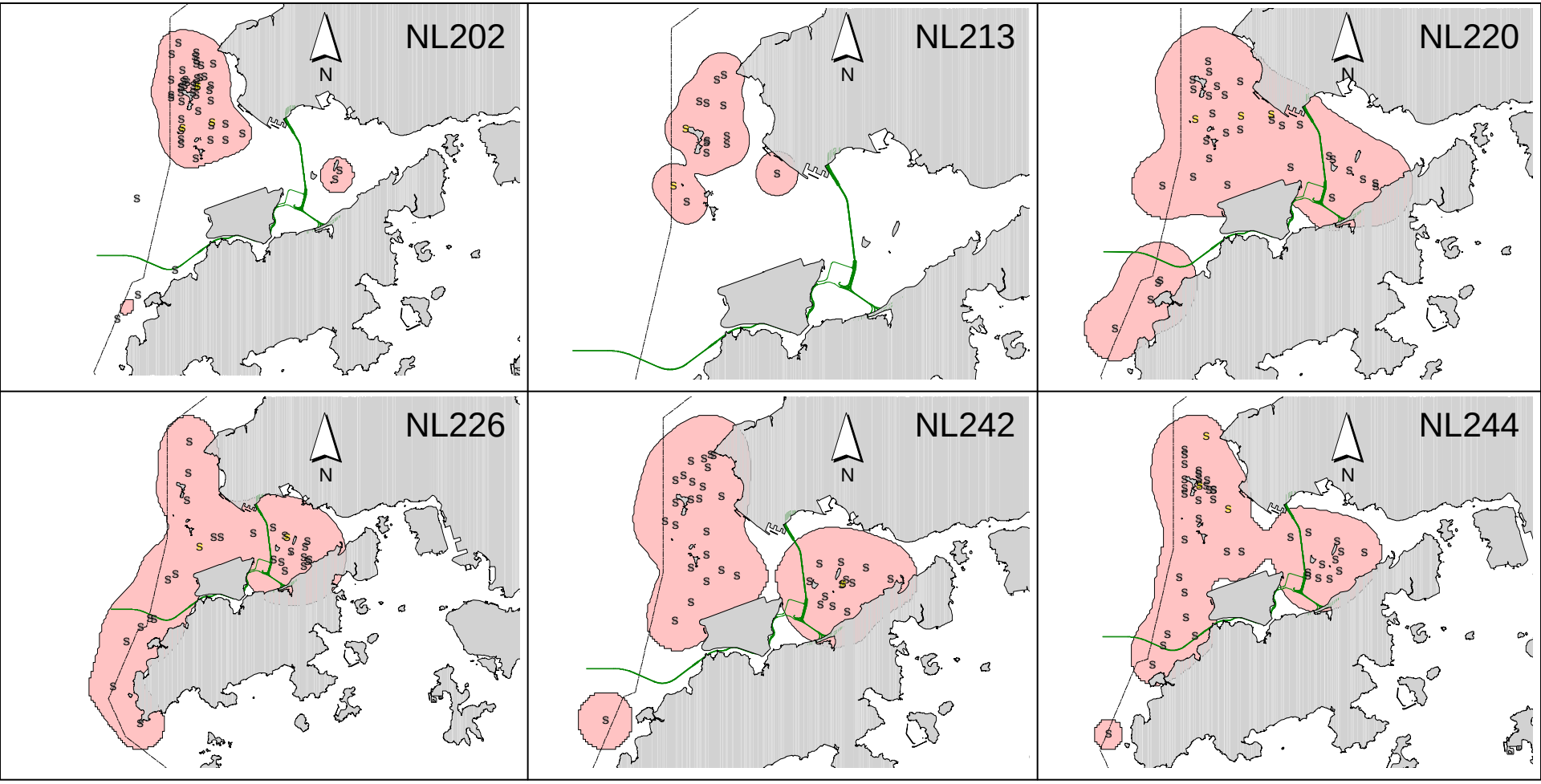




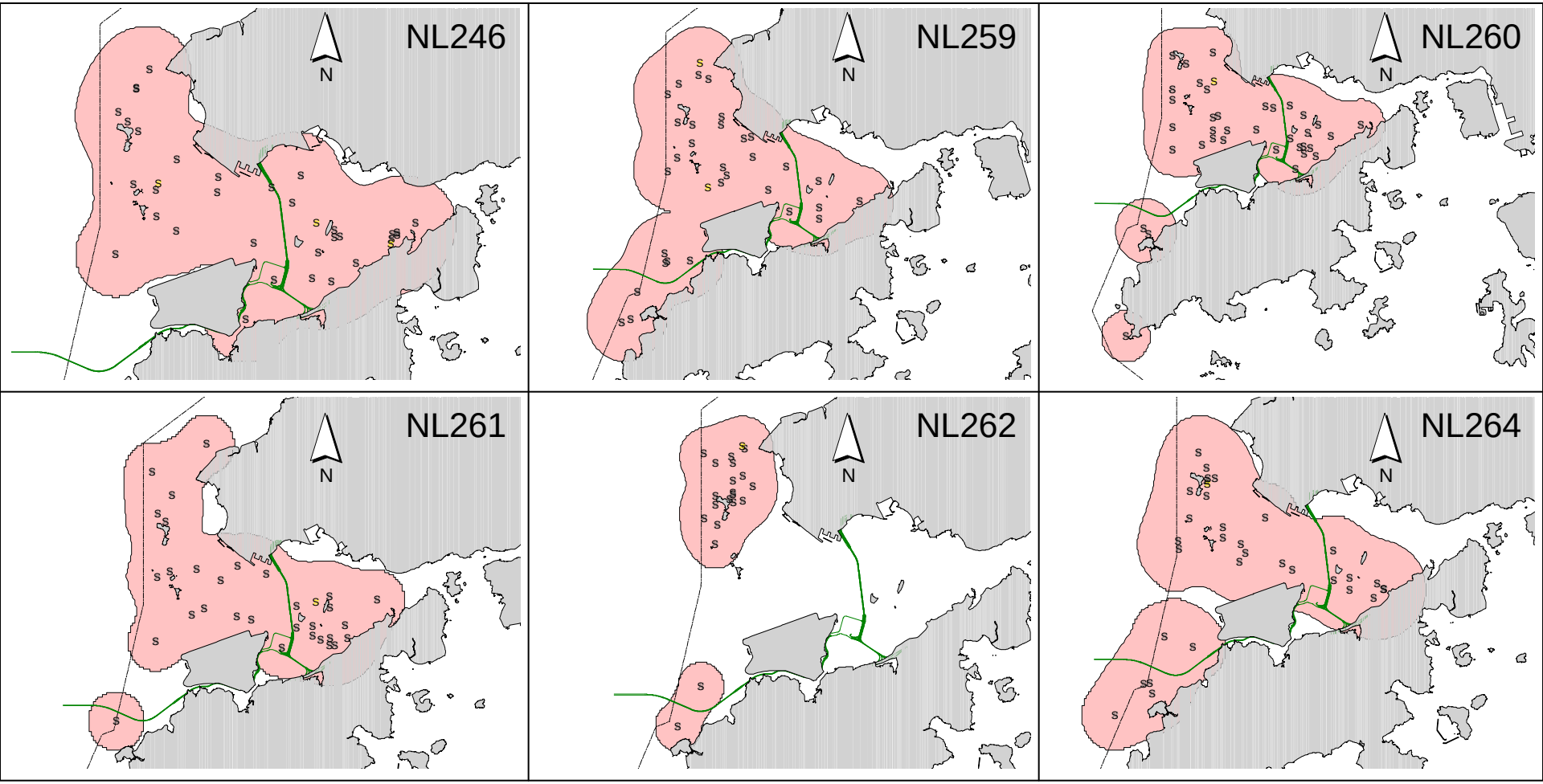




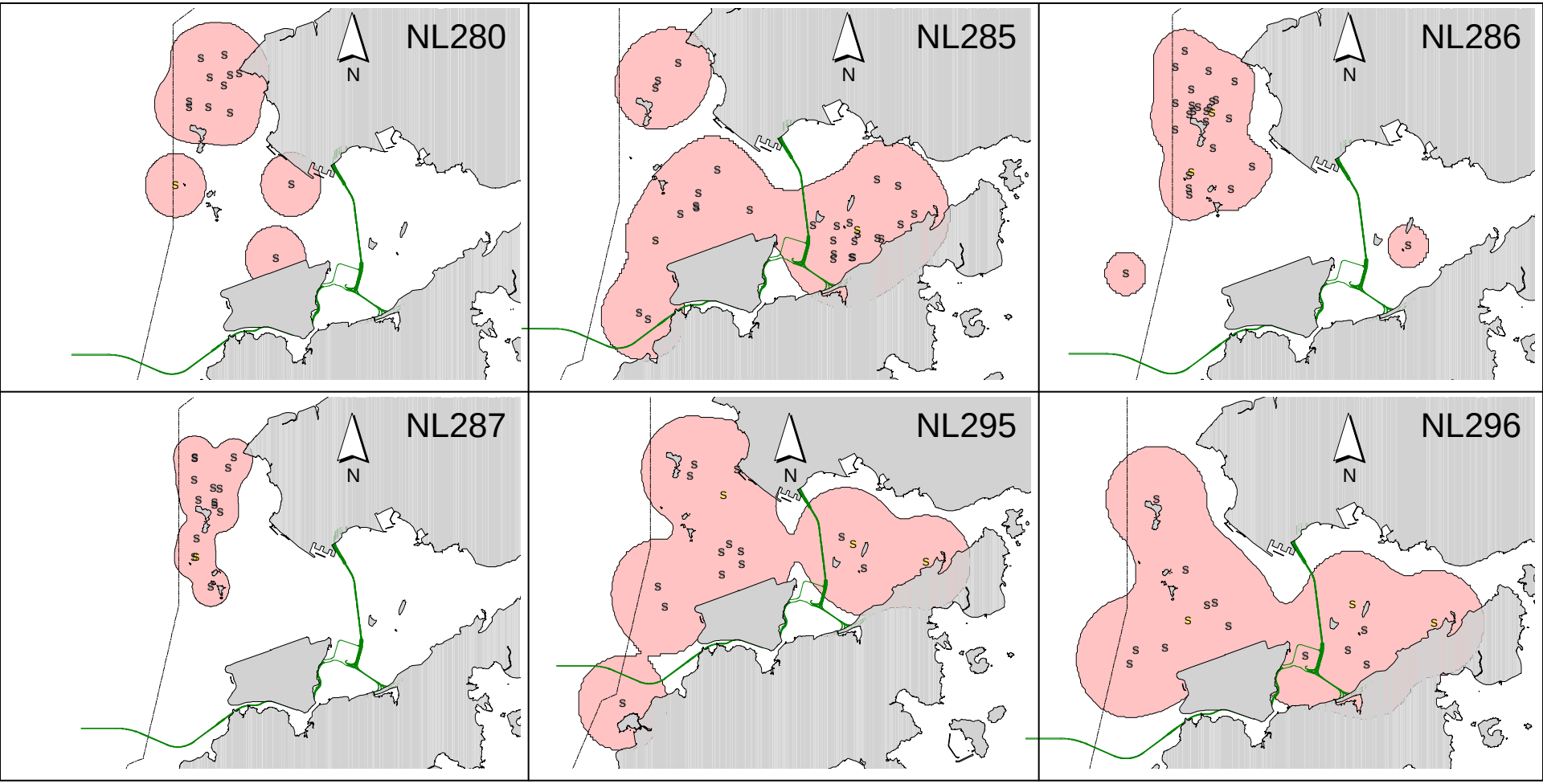
Appendix IV. (cont'd)



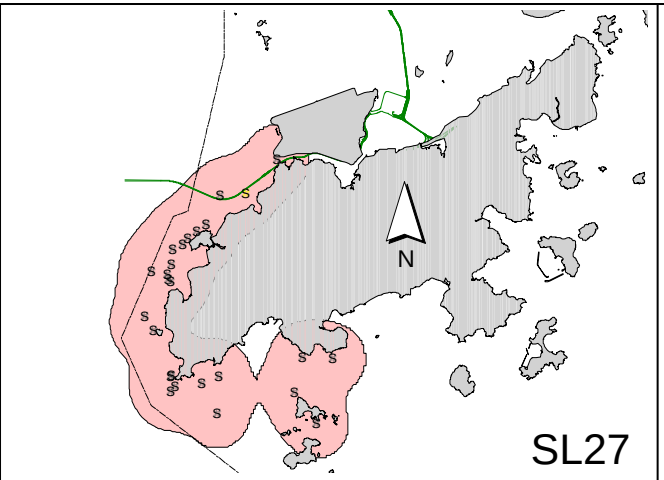
Appendix IV. (cont'd)

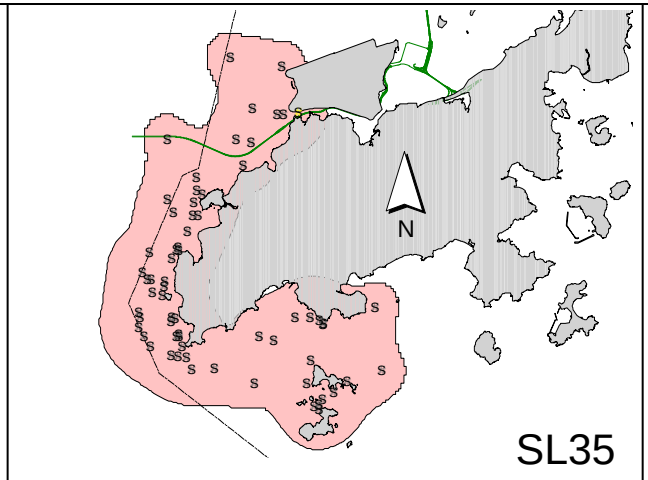


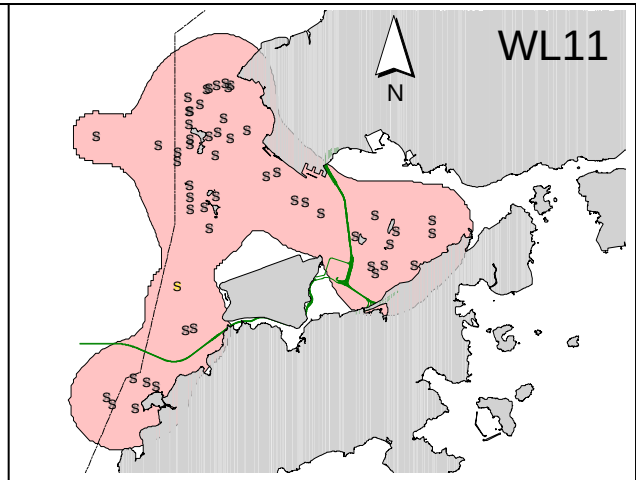
Appendix IV. (cont'd)

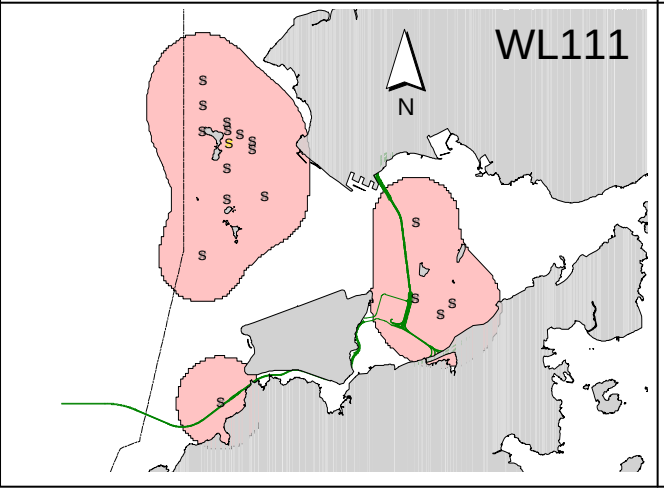


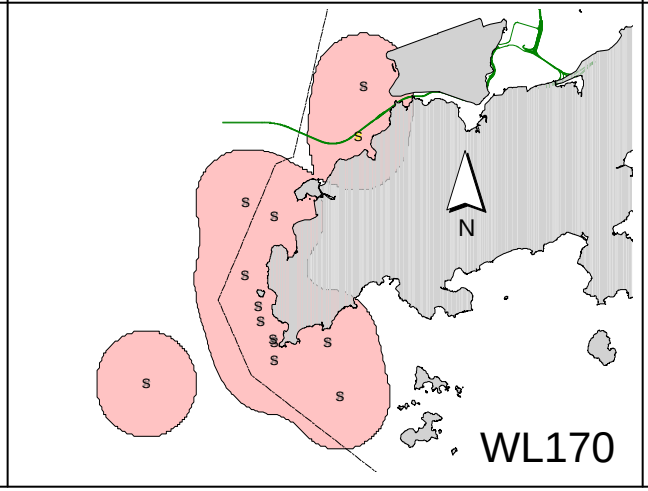
Appendix IV. (cont'd)











APPENDIX K

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2012

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in Other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
Jan	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
July	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
August	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
September	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
October	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
November	0.386	0.000	0.386	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013
December											
Total	0.386	0.000	0.386	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.057

APPENDIX L

Summary of Environmental Licenses and Permits

Summary of Environmental Licences and Permits Application and Status

Environmental Permit

Date Application Submitted	Status	Date EP Issued	EP No.	EP Holder	Expiry Date
31.10.2011	VEP issued	09.11.2011	EP-352/2009/A	Highways Department	N/A
08.10.2012	VEP Issued	16.10.2012	EP-353-2009/E	Highways Department	N/A

Notification of Carrying Out Notifiable Works under Air Pollution Control (Construction Dust) Regulation

Date Notification Submitted	Notification Ref. No.	Valid Since	Expiry Date
25.05.2012	345690	01.06.2012	N/A

Billing Account for Disposal of Construction Waste

Date Application Submitted	Account No	Valid Since	Expiry Date
01.06.2012	7015313	27.06.2012	N/A

Chemical Waste Producer Registration

Date Registration Submitted	Waste Producer No.	Date Registration Issued	Major Waste Type	Expiry Date
20.06.2012	5213-950-C1169-43	12.07.2012	Spent lubricating oil, spent flammable liquid (diesel), surplus paint, spent organic solvent and their containers, spent batteries, soil containing mineral oil	N/A

Wastewater Discharge License

Application No.	Date Application Submitted	Area Applied	Status	Expiry Date
1	22.06.2012	Site Office for Supervising Officer (WA6)	Application Ref. No. 346651 Letter from the EPD (Ref: EP/RS/0000346267) dated 19.07.2012 confirming that license under WPCO is not required.	N/A
2	04.07.2012	Site Office for China States (WA6)	Application Ref. No. 346982 Water Discharge License WT00014182-2012 was granted on 20 Sep 2012	Valid until 30 Sept 2017
3.	31.07.2012	Portion B, Portion X & Portion Y	Application Ref. No. 348019 Water Discharge License WT00014118-2012 was granted on 20 Sep 2012	Valid until 30 Sep 2017.

Construction Noise Permit

Application No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
001	01.06.2012	WA6	Construction of site offices	CNP issued on 15.06.2012	GW-RS0644-12	15.06.2012 (19:00)	14.12.2012 (23:00)
002	06.09.2012	Portion X	Marine Site Investigation & Preparation Works	CNP issued on 14.09.2012	GW-RS0847-12	20.09.2012 (19:00)	16.10.2013 (23:00)
003	21.09.2012	Portion X	Marine Works	CNP issued on 15.10.2012	GW-RS1059-12	17.10.2012 (19:00)	16.04.2013 (23:00)
004	21.09.2012	Portion X	Marine Works	CNP issued on 15.10.2012	GW-RS1060-12	17.10.2012 (23:00)	16.04.2013 (07:00)
005	**14.11.2012**	**Kwo Lo Wan**	**Street Lighting & Welding Works**	**Applied to EPD on 14,11,2012 and pending for approval**	**N/A**	**N/A**	**N/A**

End

APPENDIX M

Record of "Notification of Environmental Quality Limit Exceedances

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 004a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 17 October 2012 and the results were issued on 20 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS8	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 29.8 x 120% = **35.8** for mid flood on 17-Oct-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day ((i.e. CS(Mf)5: 29.8 x 130% = **38.7** for mid flood on 17-Oct-2012)	12.3	***35.2***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 17 October 2012, exceedance of the AL at station IS8 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

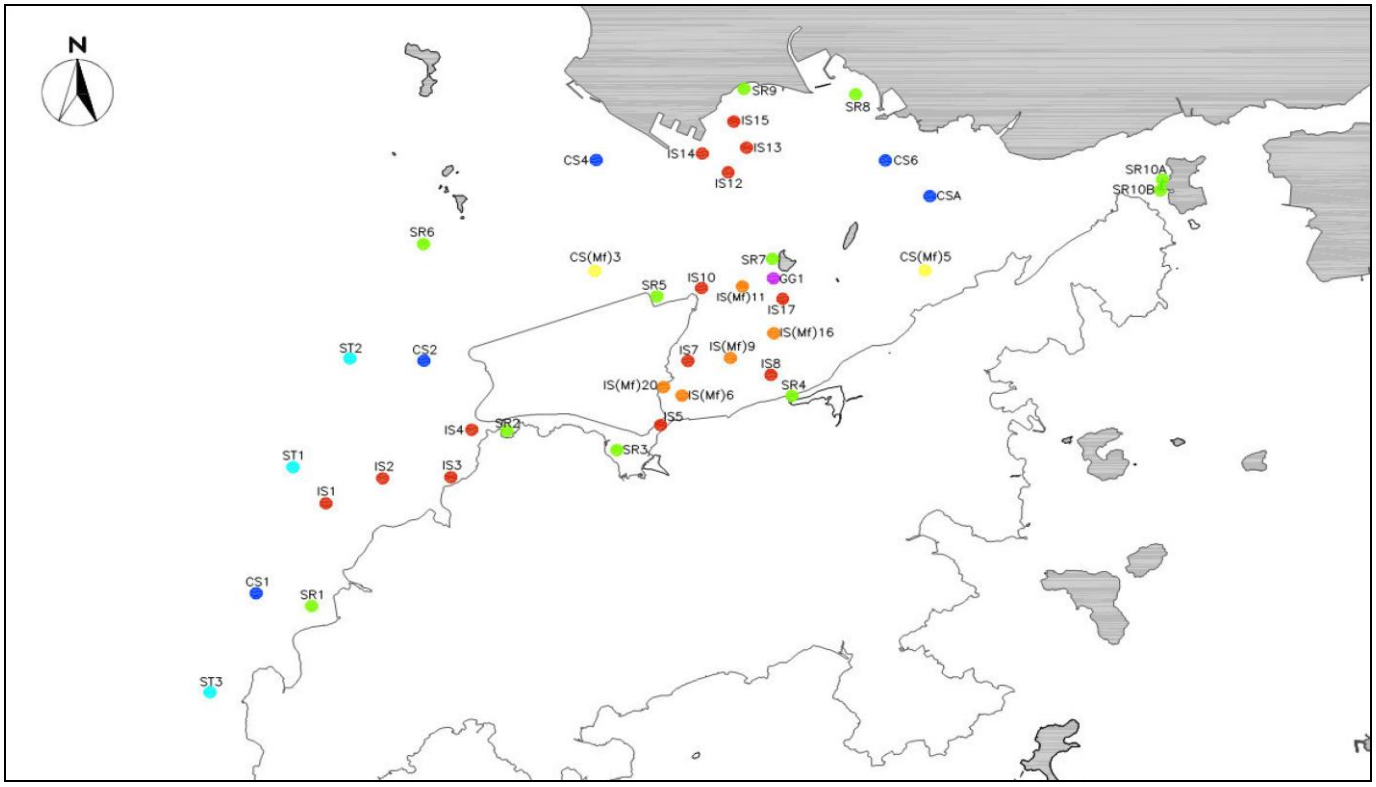
1. No major marine works but only silt curtain installation works were being carried out during the sampling period.
2. The measured turbidity level at control station CS(Mf)5 was higher than the Action Level.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 005a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 17 October 2012 and the test report was issued on 26 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 34.3 x 120% = **41.2** for mid flood on 17-Oct-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day ((i.e. CS(Mf)5: 34.3 x 130% = **44.6** for mid flood on 17-Oct-2012)	***24.0***	***28.3***
SS	IS8	DA			14.5	***47.1***
SS	SR10B	DA			9.8	***24.0***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 17 October 2012, exceedances of the AL at stations IS5 (mid-ebb and mid-flood) and SR10B (mid-flood) were recorded. The exceedance of the LL at station IS8(mid-flood) was recorded. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

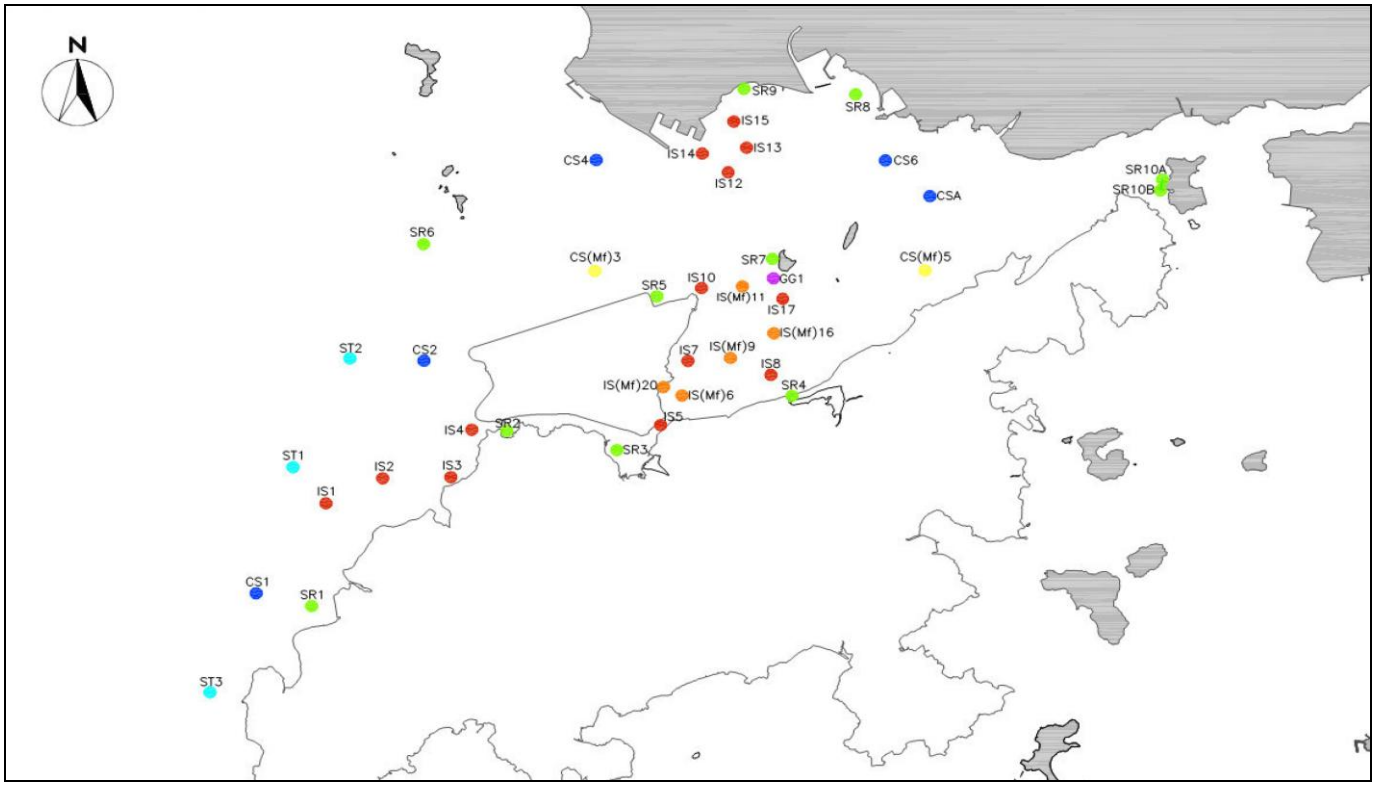
1. No major marine works but only silt curtain installation works were being carried out during the sampling period.
2. The measured suspended solid level at control station CS(Mf)5 was higher than the Action Level.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid levels are considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid levels record beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 006a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 20 October 2012 and the results were issued on 24 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 6.25 x 120% = **7.5** for mid flood on 20-Oct-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 6.25 x 130% = **8.1** for mid flood on 20-Oct-2012)	8.8	***12.4***
TURB	IS(Mf)6	DA			6.8	***23.6***
TURB	IS7	DA			4.7	***13.6***
TURB	IS(Mf)9	DA			5.1	***17.1***
TURB	SR4	DA			5.4	***16.0***
TURB	SR10B	DA			4.7	***12.1***
TURB	SR3	DA			7.3	***9.1***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 20 October 2012, exceedance of the LL at stations IS5, IS(Mf6), IS7, IS(Mf)9, SR4, SR10B and SR3 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works but only geotextile installation work and rock filling were being carried out within the silt curtains during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7,IS8, IS(Mf)9, SR3, SR4 and SR10B during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU), Mid-Flood Tide		
IS5	5.3	to	20.9
IS(Mf)6	5.3	to	20.9
IS7	5.0	to	19.4
IS(Mf)9	3.4	to	22.6
SR3	7.7	to	19.7
SR4	5.0	to	20.6
SR10B	1.7	to	13.2

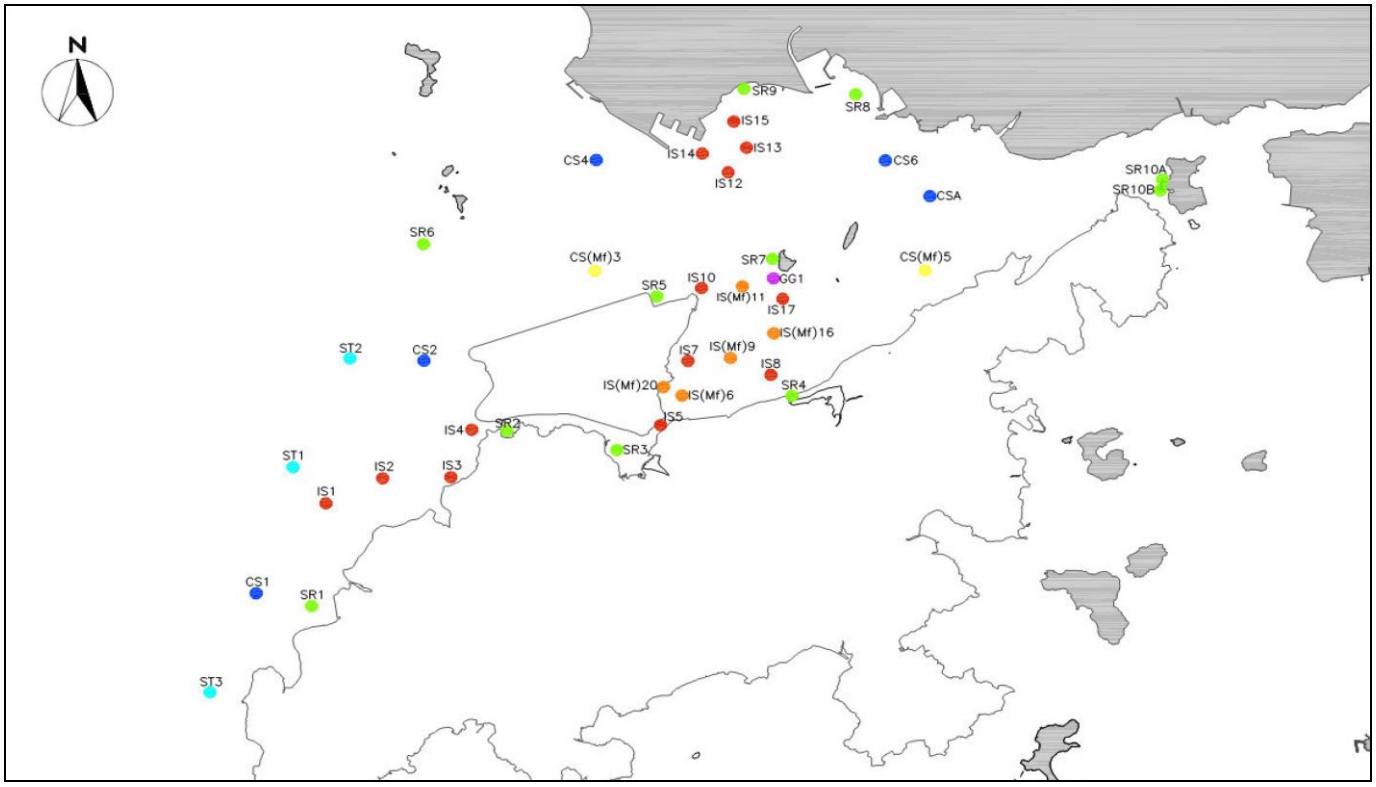
   The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7,IS8, IS(Mf)9, SR3, SR4 and SR10B were similar or within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels are considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 007a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 22 October 2012and the results were issued on 24 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	SR3	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 13.46 x 120% = **16.1** for mid flood on 22-Oct-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 13.46 x 130% = **17.5** for mid flood on 22-Oct-2012)	5.0	***16.3***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 22 October 2012, an exceedance of the AL at station SR3 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reason:

1. No major marine works but only geotextile installation work and rock filling were being carried out within silt curtains during the sampling period.
2. The range of turbidity at station SR3during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU), Mid-Flood Tide		
SR3	7.7	to	19.7

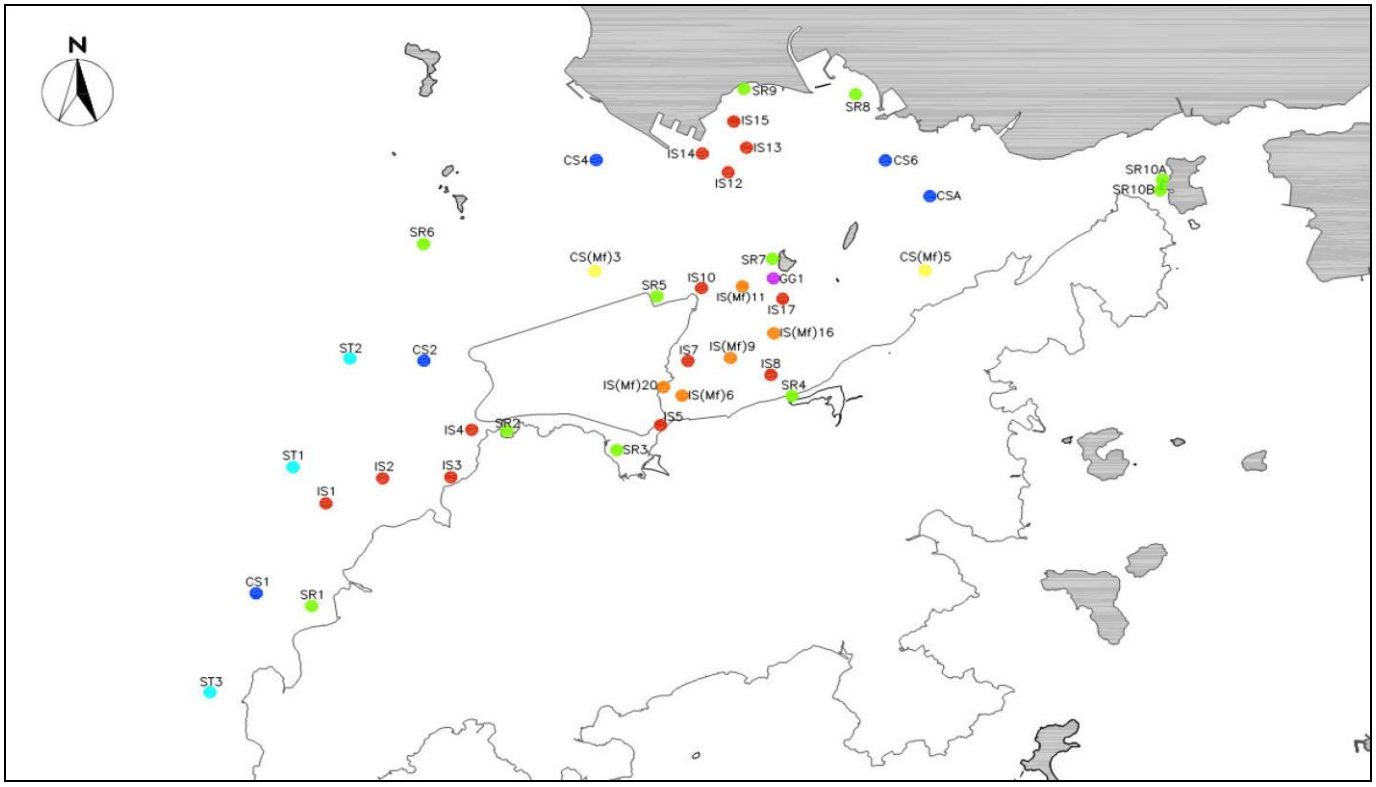
   The measured value during mid-flood tide at station SR3 was within the range of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 008a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 25 October 2012 and the results were issued on 26 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	SR3	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 5.83 x 120% =**7.0** NTU for mid flood on 25-Oct-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 5.83 x 130% =**7.6** NTU for mid flood on 25-Oct-2012)	4.2	***7.8***
TURB	IS5	DA			8.7	***8.1***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 25 October 2012, exceedances of the LL at stations SR3 and IS5 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works but only geotextile installation work and rock filling were being carried out within silt curtains during the sampling period.
2. The ranges of turbidity at stations IS5 and SR3 during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU), Mid-Flood Tide		
IS5	5.3	to	20.9
SR3	7.7	to	19.7

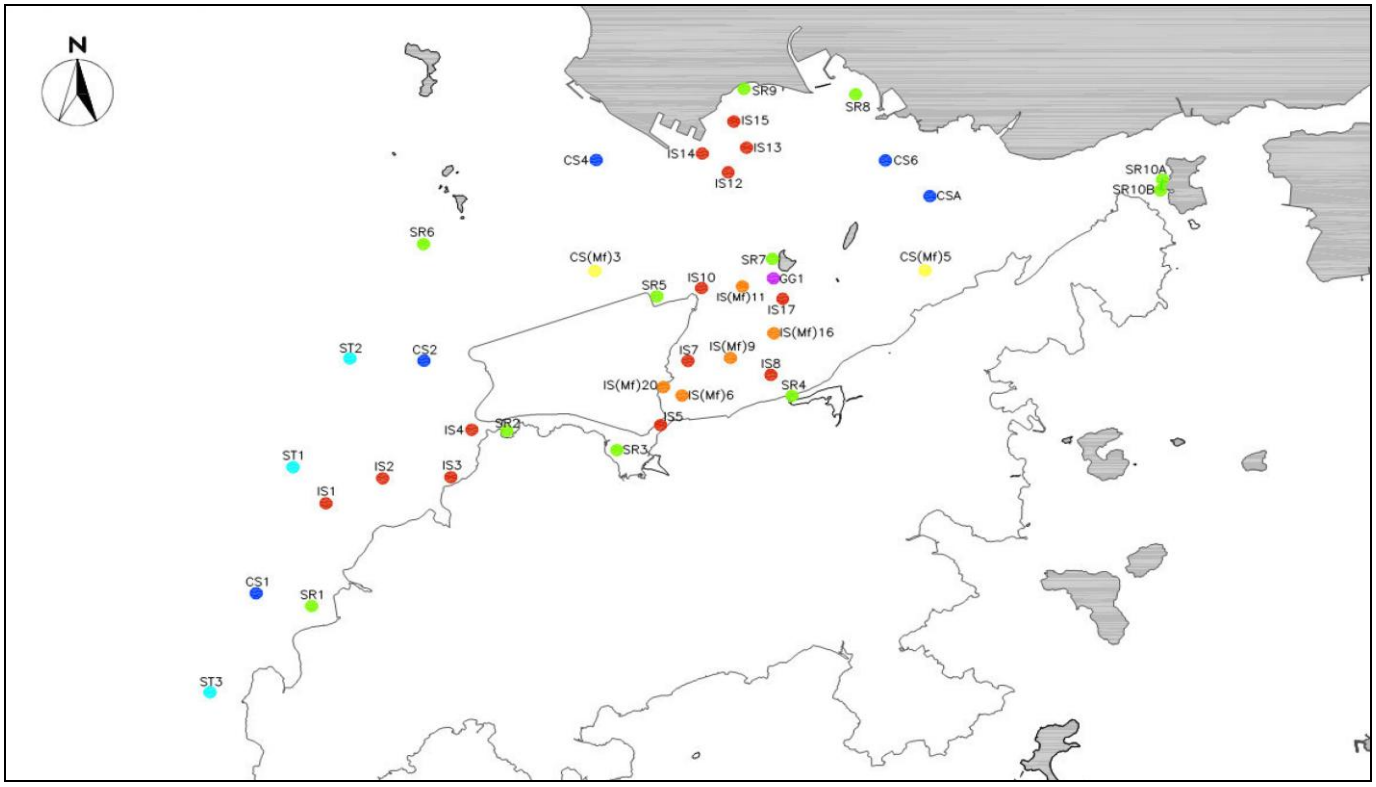
   The measured values during mid-flood tide at stations IS5 and SR3 were within the ranges of turbidityduring baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 009a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 20 October 2012 and the test report was issued on 29 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day ((i.e. CS(Mf)5: 7.6 x 120% = **9.1** for mid flood on 20-Oct-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day ((i.e. CS(Mf)5: 7.6 x 130% = **9.9** for mid flood on 20-Oct-2012)	13.8	***16.9***
SS	IS(Mf)6	DA			11.6	***29.8***
SS	IS7	DA			9.3	***16.6***
SS	IS(Mf)9	DA			11.1	***22.0***
SS	IS8	DA			8.1	***12.7***
SS	SR4	DA			12.6	***21.1***
SS	SR10B	DA			8.7	***14.9***
SS	SR10A	DA			11.6	***10.7***
SS	SR3	DA			12.4	***12.0***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 20 October 2012, exceedances of the LL at station IS5, IS(Mf)6, IS7, IS(Mf)9, IS8, SR4, SR10B, SR10A and SR3 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. No major marine works but only geotextile installation work and rock filling were being carried out within silt curtains during the sampling period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS(Mf)9, IS8, SR4, SR10B, SR10A and SR3 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid(mg/L), Mid-Flood tide		
IS5	7.0	to	23.7
IS(Mf)6	8.5	to	35.0
IS7	7.8	to	34.0
IS8	5.8	to	31.3
IS(Mf)9	7.3	to	26.0
SR3	7.6	to	28.0
SR4	5.6	to	24.5
SR10A	4.8	to	19.2
SR10B	5.7	to	26.7

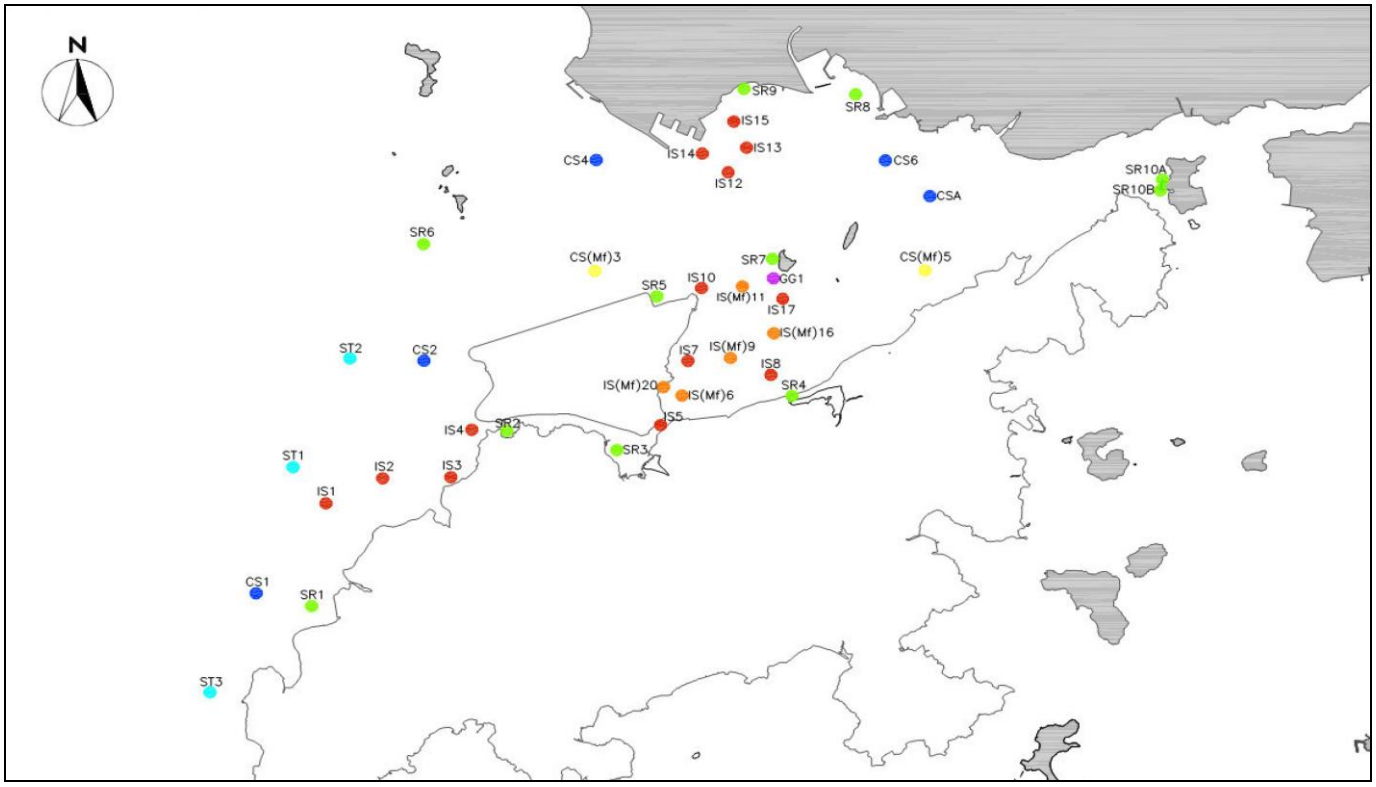
   The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7, IS(Mf)9, IS8, SR4, SR10B, SR10A and SR3 were within the range of suspended solid during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the project works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to project works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 010a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 27 October 2012 and the results were issued on 29 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 9.7 x 120% =**11.7** for mid flood on 27-Oct-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 9.7 x 130% =**12.6** for mid flood on 27-Oct-2012)	14.3	***14.8***
TURB	IS(Mf)6	DA			3.8	***12.1***
TURB	IS7	DA			4.3	***15.8***
TURB	IS8	DA			3.8	***11.8***
TURB	IS(Mf)9	DA			4.1	***15.1***
TURB	SR3	DA			4.8	***15.0***
TURB	SR4	DA			5.4	***19.3***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 27 October 2012, exceedances of the LL at stations IS5, IS(Mf)6, IS7,IS8, IS(Mf)9, SR3 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Geotextile installation work and rock filling were being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7,IS8, IS(Mf)9, SR3 and SR4 during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU), Mid-Flood Tide		
IS5	5.3	to	20.9
IS(Mf)6	5.3	to	20.9
IS7	5.0	to	19.4
IS8	4.5	to	24.5
IS(Mf)9	3.4	to	22.6
SR3	7.7	to	19.7
SR4	5.0	to	20.6

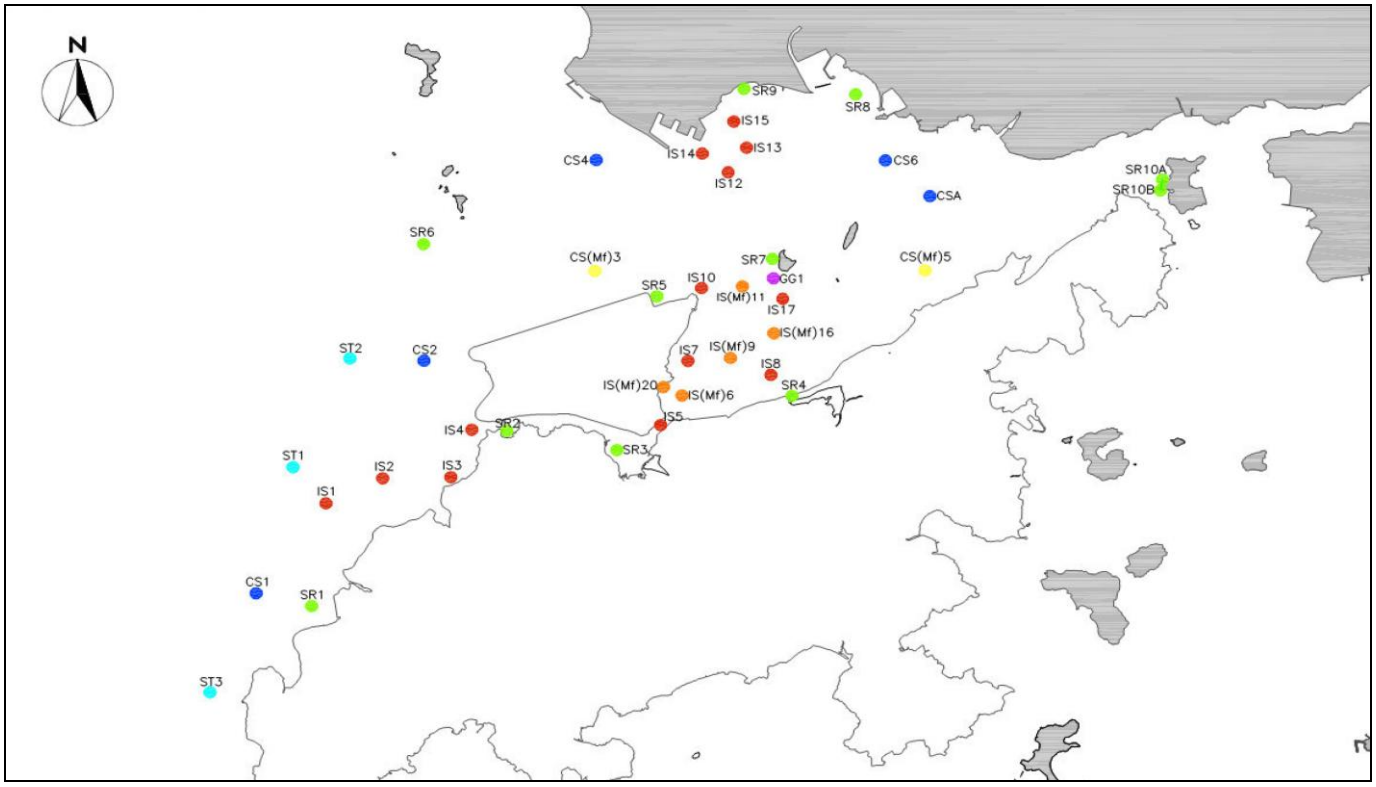
   The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7,IS8, IS(Mf)9, SR3 and SR4 were within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 011a

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 22 October 2012and the test report was issued on 1 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)6	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 6.7 x 120% =**8.0** mg/L for mid flood on 22-Oct-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 6.7 x 130% =**8.7** mg/L for mid flood on 22-Oct-2012)	4.0	**<u>13.8</u>**
SS	SR3	DA			6.3	**<u>11.7</u>**

Notes: ***Bold Italic*** means AL exceedance
<u>Bold Italic with underline</u> means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 22 October 2012, exceedance of the LL at stations IS(Mf)6 and SR3 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Geotextile installation work and rock filling were being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of suspended solid at stations IS(Mf)6 and SR3 during the baseline monitoring are shown as below;

Station	Range of Suspended Solid(mg/L), Mid-Flood tide		
IS(Mf)6	8.5	to	35.0
SR3	7.6	to	28.0

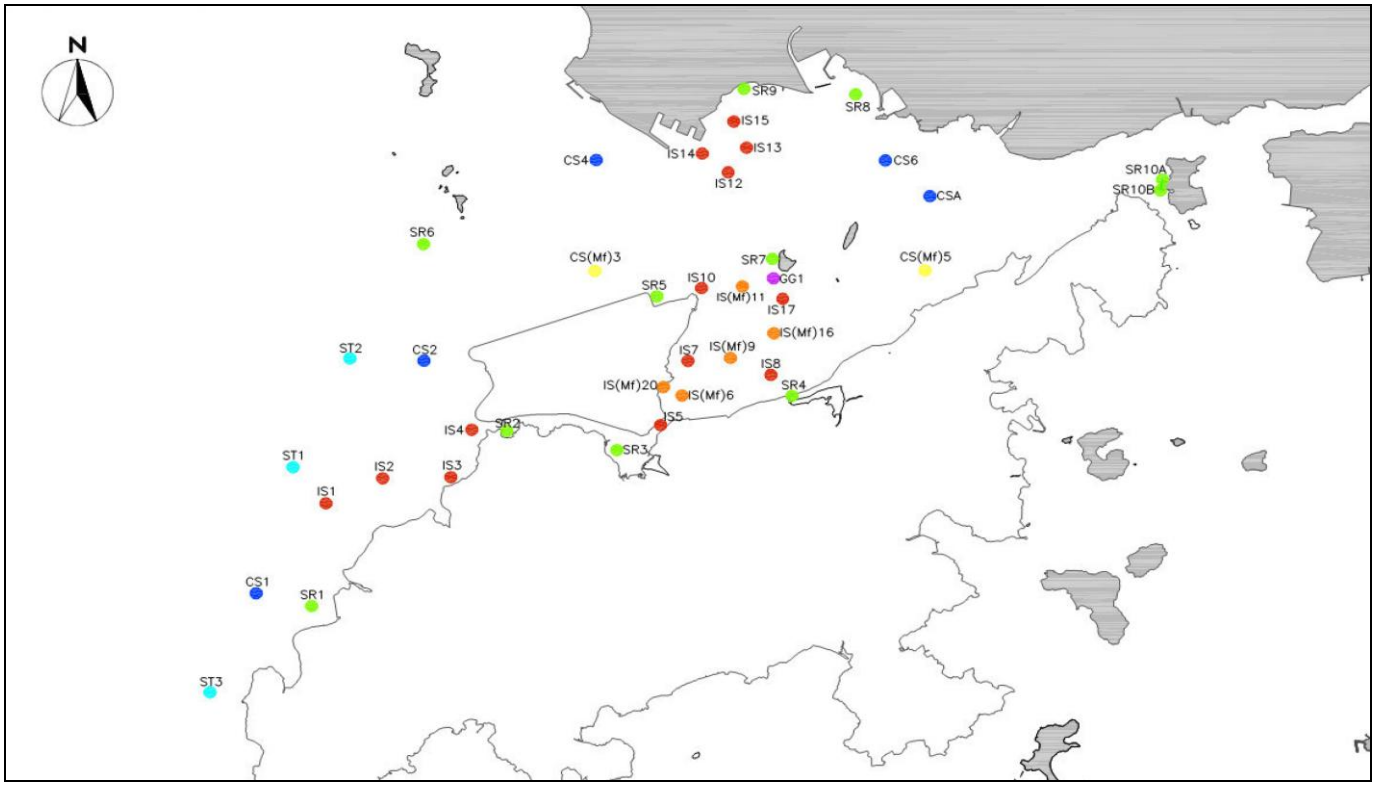
   The measured values during mid-flood tide at stations IS(Mf)6 and SR3 were within the ranges of suspended solid during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results..

<u>As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.</u>

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 012

Date of Notification: 5 November 2012

Works Inspected: Data collected from water sampling works on 30 October 2012and the results were issued on 31 October 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS7	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.12 x 120% =**12.1** for mid flood on 30-Oct-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.12 x 130% =**13.2** for mid flood on 30-Oct-2012)	11.1	***13.8***
TURB	IS8	DA			11.1	***12.2***
TURB	IS(Mf)9	DA			8.2	***23.2***
TURB	SR3	DA			14.4	***13.8***
TURB	SR4	DA			11.5	***21.5***

Note: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 30 October 2012, exceedance of the AL at station IS8 and the exceedances of the LL at stations IS7, IS(Mf)9, SR3 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of turbidity at stations IS7, IS8, IS(Mf)9, SR3 and SR4 during the baseline monitoring are shown as below;

Station	Range of Turbidity(NTU), Mid-Flood Tide		
IS7	5.0	to	19.4
IS8	4.5	to	24.5
IS(Mf)9	3.4	to	22.6
SR3	7.7	to	19.7
SR4	5.0	to	20.6

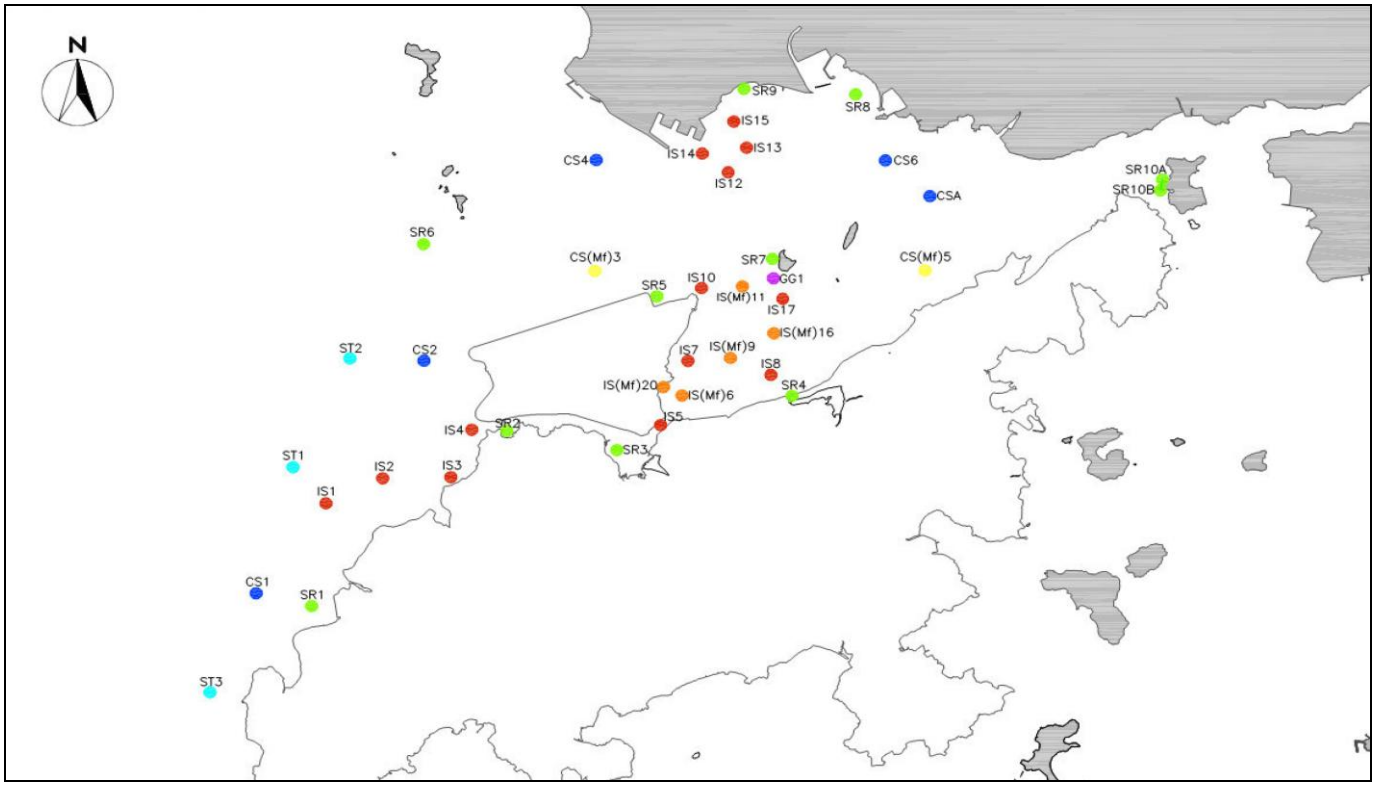
   The measured values during mid-flood tide at stations IS7, IS8, IS(Mf)9, SR3 and SR4 were similar or within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 013

Date of Notification: 5 November 2012

Works Inspected: Not Applicable

Monitoring Location: AMS5- Ma Wan Chung Village (Tung Chung)

Parameter: 1-hour TSP monitoring

Action & Limit Level (AL & LL) / Measured Level:

PARAMETER	STATION	AL (μg/m^3)	LL (μg/m^3)	MEASURED LEVEL, μg/m^3
1-hr TSP (13:45 – 14:45)	Tung Chung Development Pier	352	500	***425***
1-hr TSP (14:45 – 15:45	Tung Chung Development Pier	352	500	***412***
1-hr TSP (15:45 – 16:45)	Tung Chung Development Pier	352	500	***562***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

Two Action Level exceedances and one Limited Level exceedance of 1-hr TSP level were recorded at AMS5 Ma Wan Chung Village (Tung Chung) on 30 October 2012.

According to the information provided by the Contractor, the following construction activities were undertaken near AMS5 during the sampling period:

Marine Works (Portion X)

- Laying of geotextile
- Rock filling

Land-based Construction Activities (Kwo Lo Wan Road near shoreline)

- GI survey

The construction activities undertaken during the sampling period did not generate significant dust impact and these activities were undertaken far away (greater than 500m) from AMS5.

The general weather conditions on Tung Chung were drizzle during the dust sampling period. The drizzle would cause high readings of portable dust meter. Therefore, it is considered that the exceedances are not related to the construction activities of the Contract and were caused by the weather condition.

Actions taken/ to be taken:

No immediately actions are required.

Reviewed by : Claudine Lee Title : ET Leader

Date : 5 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 014

Date of Notification: 7 November 2012

Works Inspected: Data collected from water sampling works on 27 October 2012 and the test report was issued on 2 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	23.5 or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 14.6 x 120% =17.5 mg/L for mid flood on 27-Oct-2012)	34.4 or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 14.55 x 130% =18.9 mg/L for mid flood on 27-Oct-2012)	18.0	***17.9***
SS	IS(Mf)6	DA			9.1	***18.5***
SS	IS7	DA			8.8	***<u>19.7</u>***
SS	SR3	DA			8.8	***18.6***
SS	SR4	DA			8.1	***<u>22.9</u>***

Notes: ***Bold Italic*** means AL exceedance
<u>Bold Italic with underline</u> means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 27 October 2012, exceedances of the AL at stations IS5, IS(Mf)6 and SR3 and exceedances of LL at stations IS7 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Geotextile installation work and rock filling were being carried out within silt curtains during the sampling period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, SR3 and SR4 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid(mg/L)		
IS5	7.0	to	23.7
IS(Mf)6	8.5	to	35.0
IS7	7.8	to	34.0
SR3	7.6	to	28.0
SR4	5.6	to	24.5

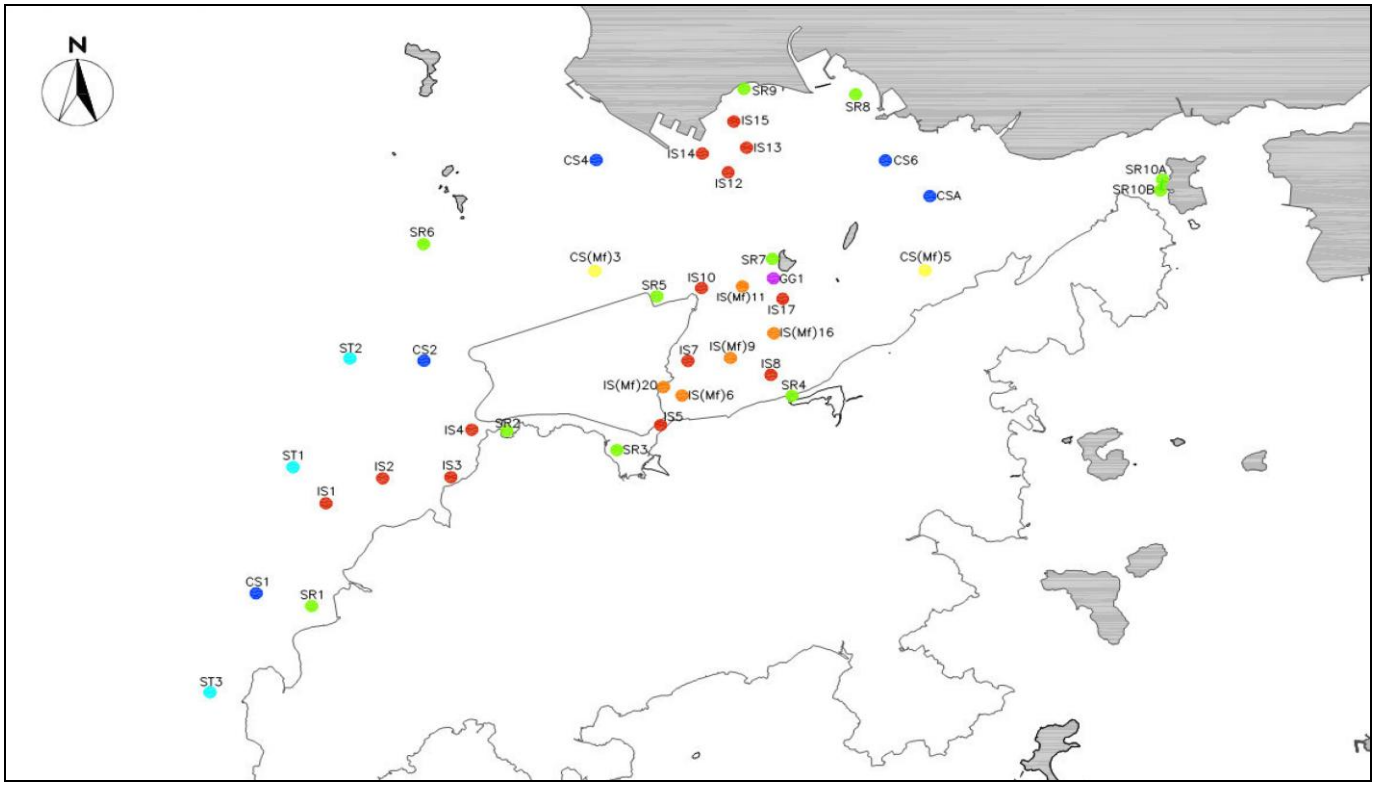
   The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7, SR3 and SR4 were within the ranges of suspended solid during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 7 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 017

Date of Notification: 9 November 2012

Works Inspected: Data collected from water sampling works on 30 October 2012 and the test report was issued on 6 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 11.17 x 120% =**13.4** mg/L for mid flood on 30-Oct-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 11.17 x 130% =**14.5**mg/L for mid flood on 30-Oct-2012)	16.4	***13.7***
SS	IS7	DA			12.7	***15.4***
SS	IS8	DA			12.3	***15.2***
SS	IS(Mf)9	DA			8.2	***39.0***
SS	SR3	DA			15.4	***14.1***
SS	SR4	DA			10.7	***25.1***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 30 October 2012, exceedances of AL at stations IS5 and SR3 and exceedances of LL at stations IS7, IS8, IS(Mf)9 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. The geotextile installation work and rock filling were being carried out within the silt curtains during the sampling period.
2. The ranges of suspended solid at stations IS5, IS7, IS8, SR3 and SR4 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid(mg/L)		
IS5	7.0	to	23.7
IS7	7.8	to	34.0
IS8	5.8	to	31.3
IS(Mf)9	7.3	to	26.0
SR3	7.6	to	28.0
SR4	5.6	to	24.5

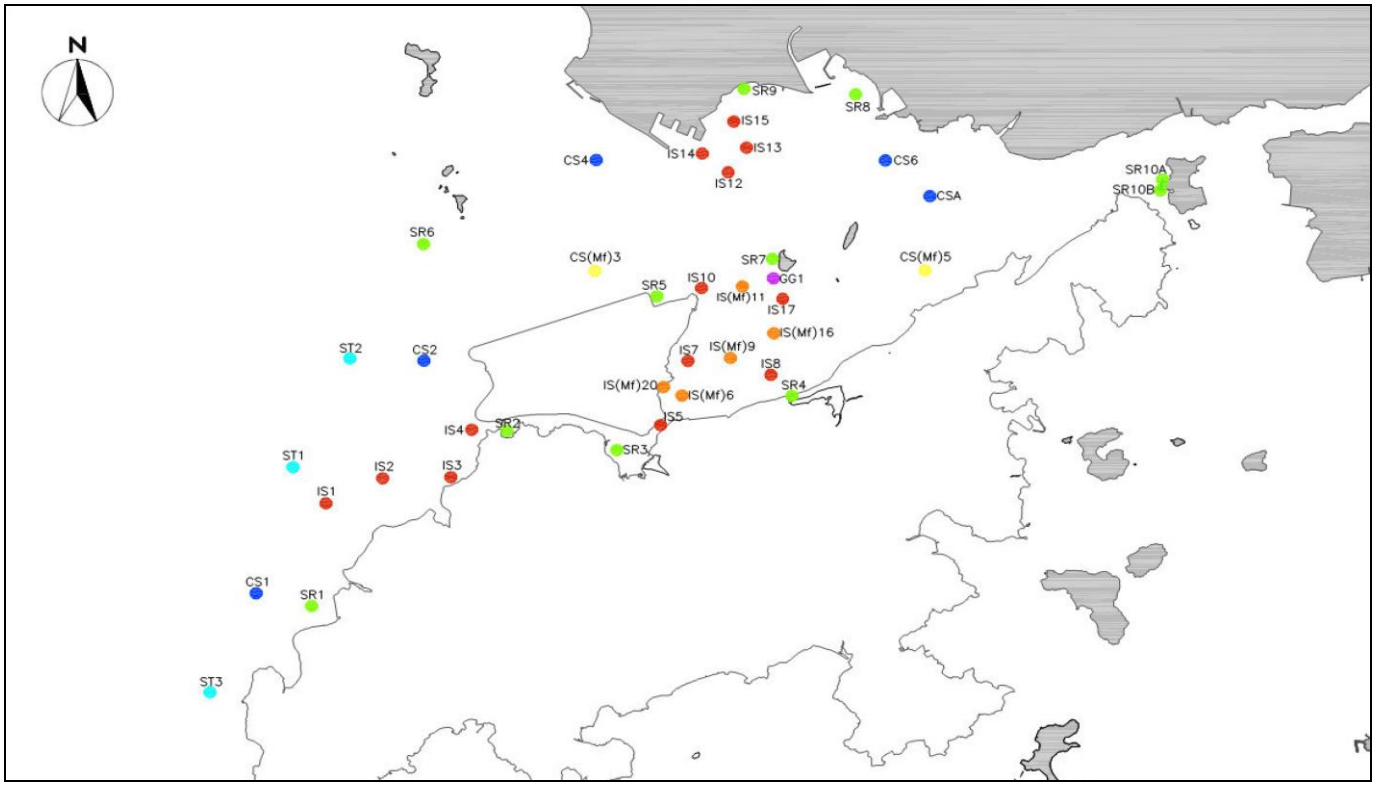
   The measured values during mid-flood tide at stations IS5, IS7, IS8, SR3 and SR4 were within the ranges of suspended solid during baseline monitoring. IS(Mf)9 is located at the upstream of the contact site area during the mid-flood tide. The high level of SS is not likely due to the contract construction activities.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 9 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 015

Date of Notification: 7 November 2012

Works Inspected: Data collected from water sampling works on 1 November 2012 and results were issued on 2 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.7 x 120% =**12.8** for mid flood on 1-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.7 x 130% =**13.9** for mid flood on 1-Nov-2012)	17.8	***13.2***
TURB	IS(Mf)6	DA			17.5	***12.9***
TURB	IS7	DA			5.3	***16.5***
TURB	IS8	DA			13.8	***23.1***
TURB	IS(Mf)9	DA			7.6	***18.8***
TURB	SR4	DA			11.4	***25.0***
TURB	SR10B	DA			7.4	***13.0***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 1 November 2012, exceedances of the AL at stations IS5, IS(Mf)6 and SR10B and exceedances of LL at stations IS7, IS8, IS(Mf)9 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9 and SR10B during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU)		
IS5	5.3	to	20.9
IS(Mf)6	5.3	to	20.9
IS7	5.0	to	19.4
IS8	4.5	to	24.5
IS(Mf)9	3.4	to	22.6
SR4	5.0	to	20.6
SR10B	1.7	to	13.2

The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9 and SR10B were within the ranges of turbidity during baseline monitoring. SR4 is located at the upstream of the contact site area during the mid-flood tide. The high level of SS is not likely to be caused by the contract construction activities

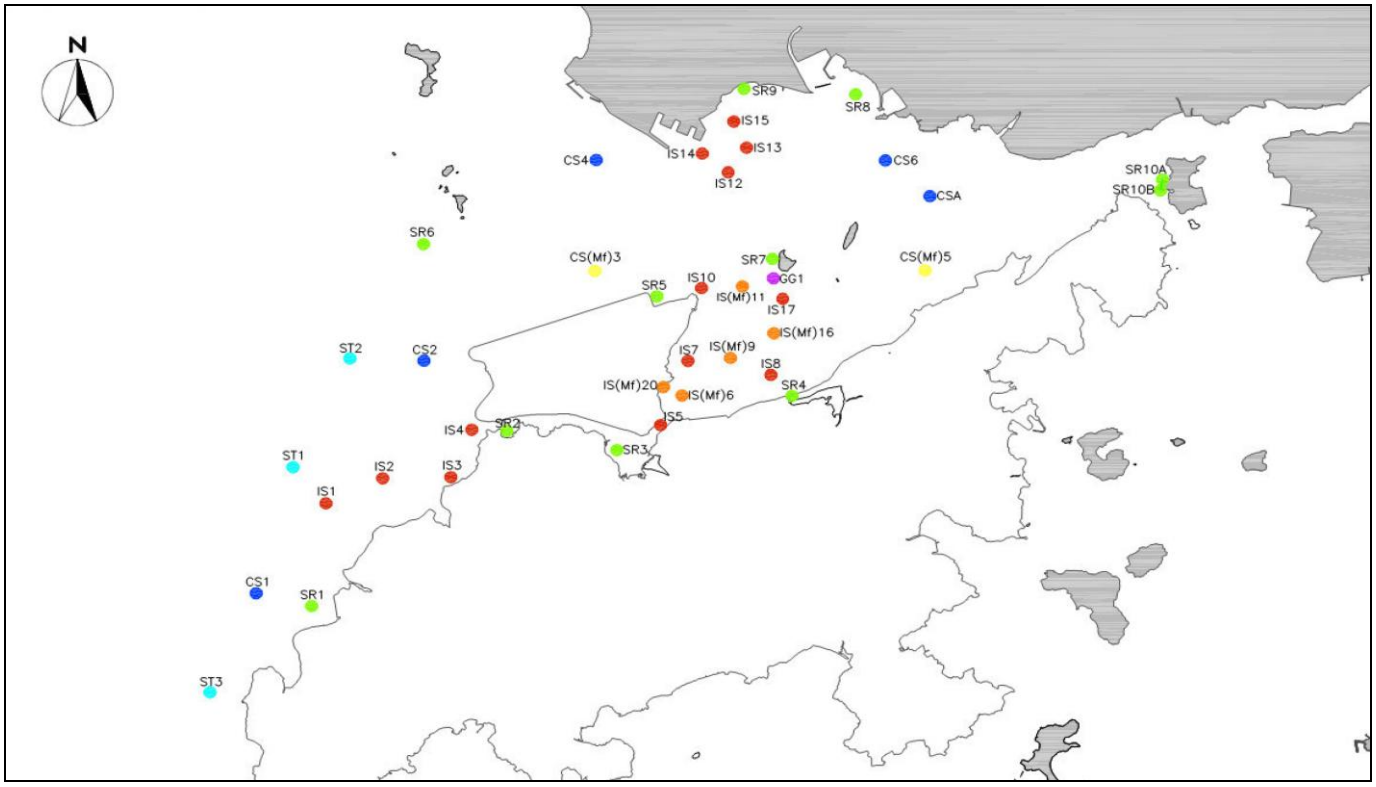
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 7 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 016a

Date of Notification: 20 November 2012

Works Inspected: Data collected from water sampling works on 5 November 2012 and the results were issued on 6 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 7.6 x 120% =**9.1** for mid flood on 5-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 7.55 x 130% =**9.8** for mid flood on 5-Nov-2012)	13.8	***13.5***
TURB	IS(Mf)6	DA			6.6	***13.9***
TURB	SR3	DA			6.9	***11.2***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 5 November 2012, exceedances of the LL at stations IS5, IS(Mf)6 and SR3 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6 and SR3 during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.7	to	21.4
IS(Mf)6	5.3	to	20.9
SR3	7.7	to	19.7

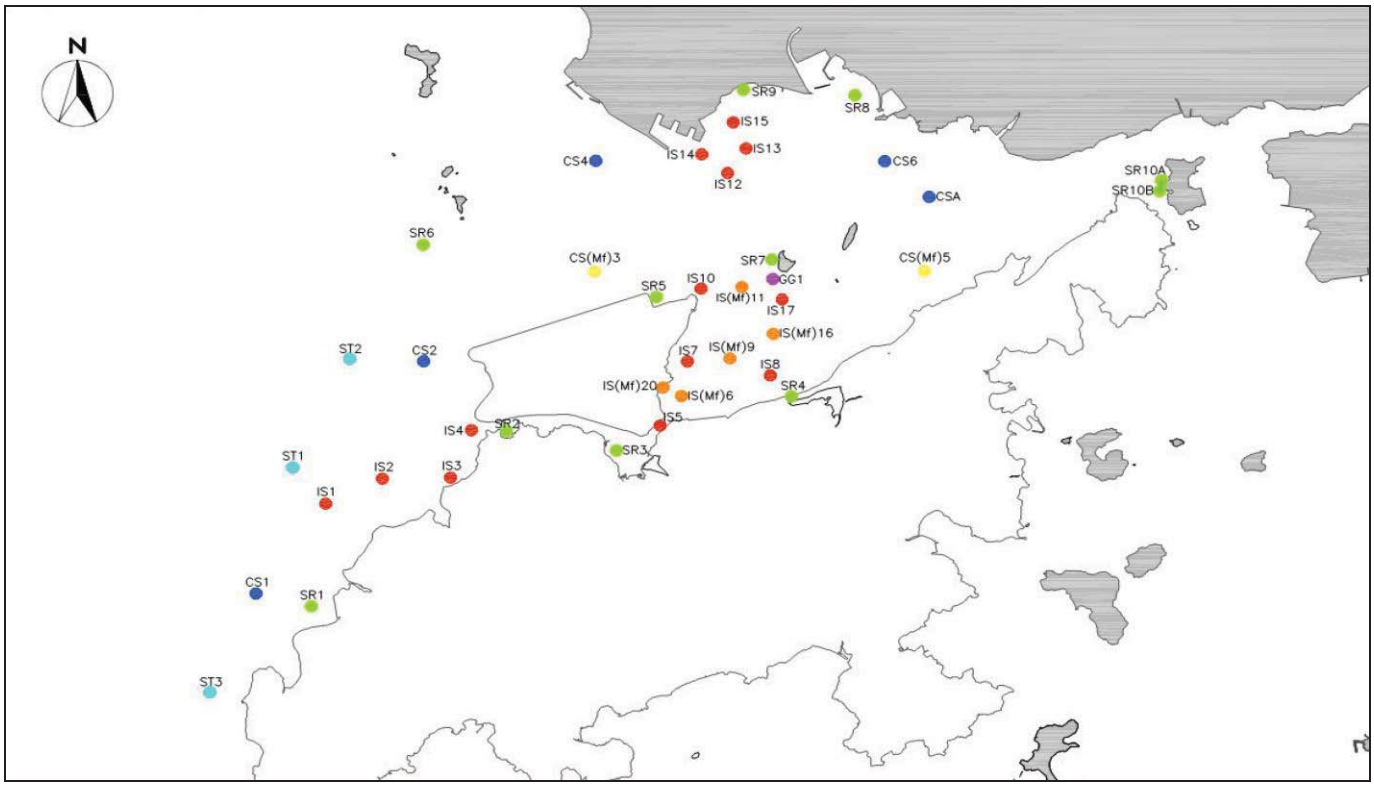
   The measured values during mid-flood tide at stations IS5, IS(Mf)6 and SR3 were within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 20 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 018

Date of Notification: 16 November 2012

Works Inspected: Data collected from water sampling works on 1 November 2012 and the test report was issued on 8 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS8	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 17.58 x 120% =**21.1** mg/L for mid flood on 1-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 17.58 x 130% =**22.9**mg/L for mid flood on 1-Nov-2012)	15.5	***<u>30.5</u>***
SS	IS(Mf)9	DA			9.3	***22.7***
SS	SR4	DA			14.3	***<u>31.6</u>***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
<u>Bold Italic with underline</u> means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 1 November 2012, exceedance of the AL at station IS(Mf)9 and exceedances of LL at stations IS8 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. The geotextile installation work and rock filling were being carried out within the silt curtains during the sampling period.
2. The ranges of suspended solid at stations IS8, IS(Mf)9 and SR4 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L)		
IS8	5.8	to	31.3
IS(Mf)9	7.3	to	26.0
SR4	5.6	to	24.5

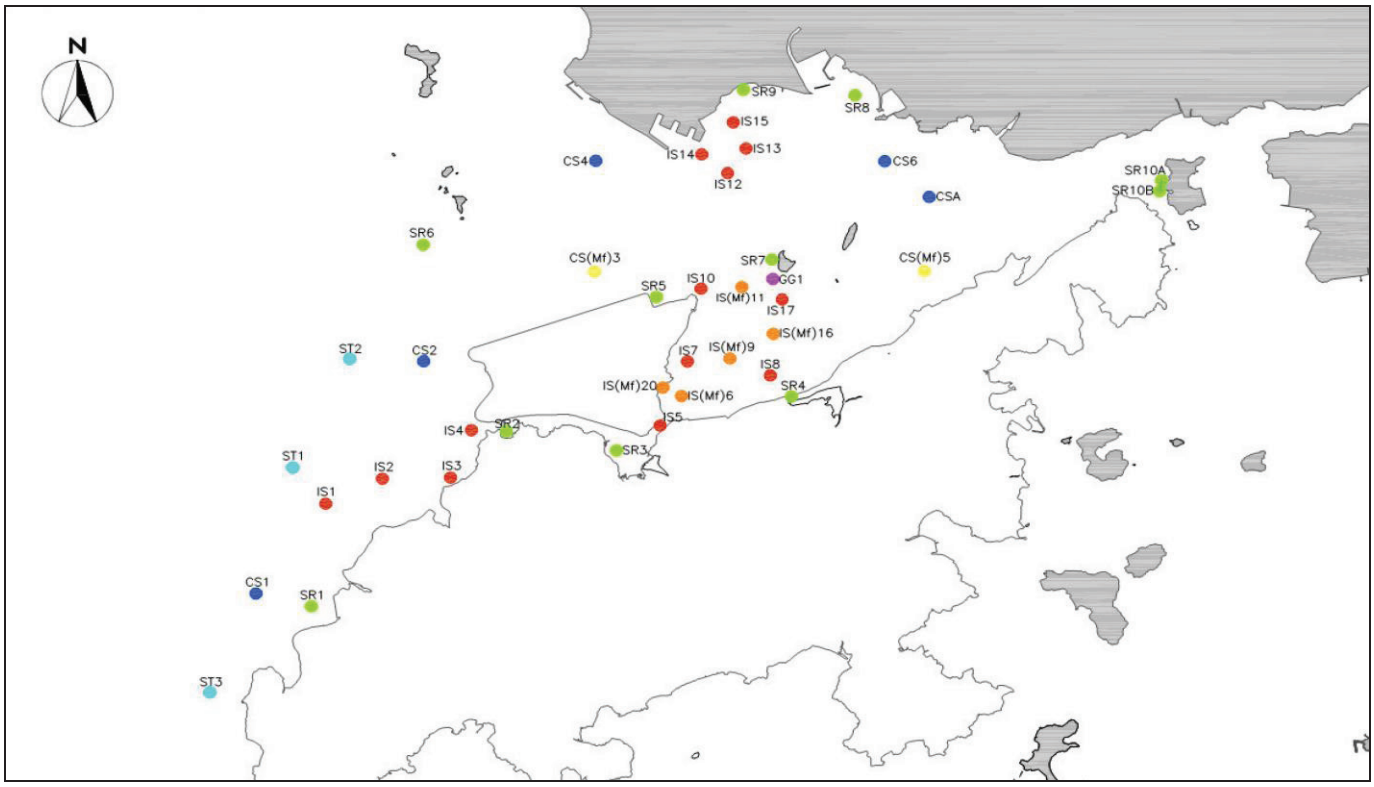
   The measured values during mid-flood tide at stations IS8 and IS(Mf)9 were within the ranges of suspended solid during baseline monitoring. SR4 is located at the upstream of the contact site area during the mid-flood tide. The high level of SS is not likely due to the contract construction activities.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 16 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 019

Date of Notification: 16 November 2012

Works Inspected: Data collected from water sampling works on 3 November 2012 and the test report was issued on 9 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)6	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 17.83 x 120% =**21.4** mg/L for mid flood on 3-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 17.83 x 130% =**23.2**mg/L for mid flood on 3-Nov-2012)	13.8	***27.7***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 3 November 2012, exceedance of the LL at station IS(Mf)6 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The range of suspended solid at station IS(Mf)6 during the baseline monitoring is shown as below:

Station	Range of Suspended Solid (mg/L)		
IS(Mf)6	8.5	to	35.0

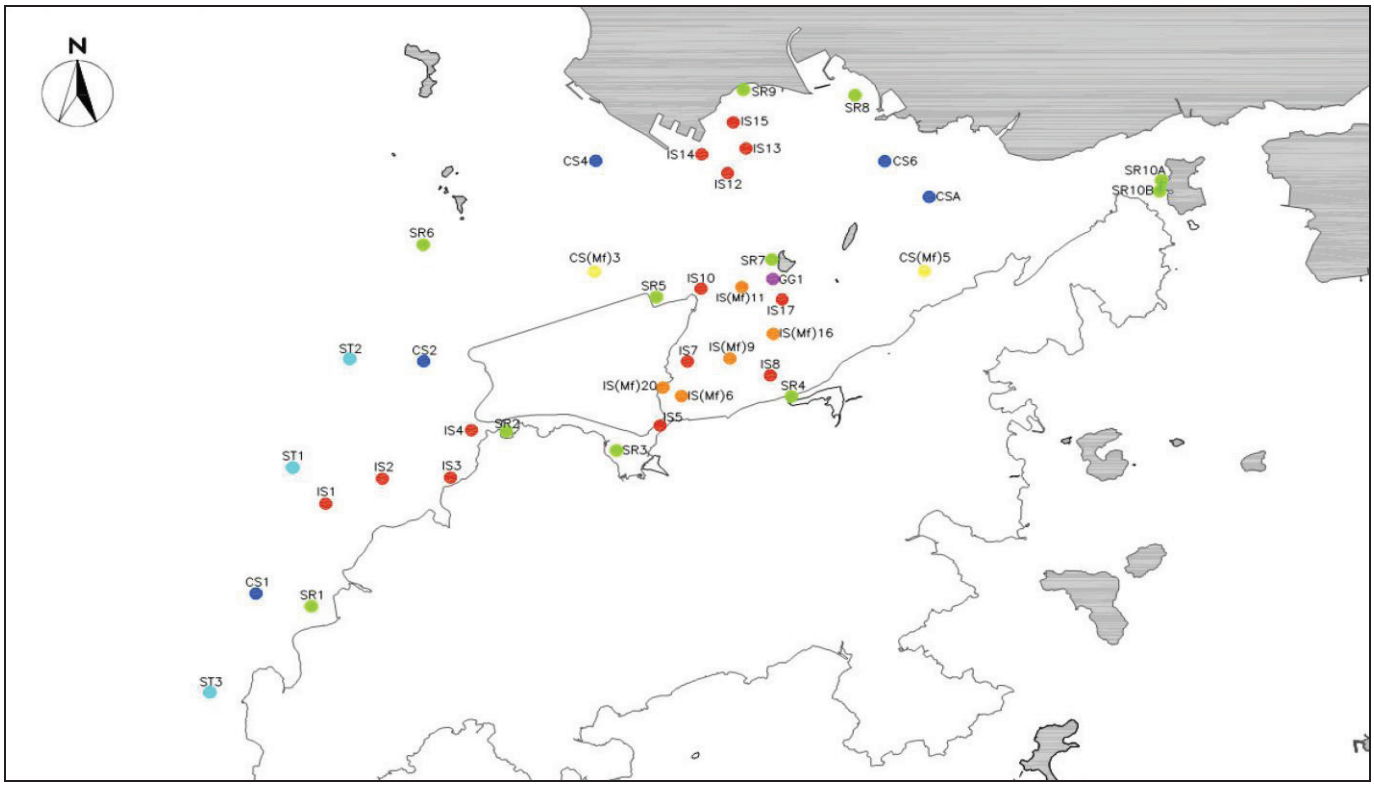
   The measured values during mid-flood tide at station IS(Mf)6 was within the range of suspended solid during the baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 16 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 020

Date of Notification: 16 November 2012

Works Inspected: Data collected from water sampling works on 5 November 2012 and the test report was issued on 12 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 11.50 x 120% =**13.8** mg/L for mid flood on 5-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 11.50 x 130% =**15.0**mg/L for mid flood on 5-Nov-2012)	14.5	***15.8***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 5 November 2012, exceedance of the LL at station IS5 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The range of suspended solid at station IS5 during the baseline monitoring is shown as below:

Station	Range of Suspended Solid (mg/L)		
IS5	7.0	to	23.7

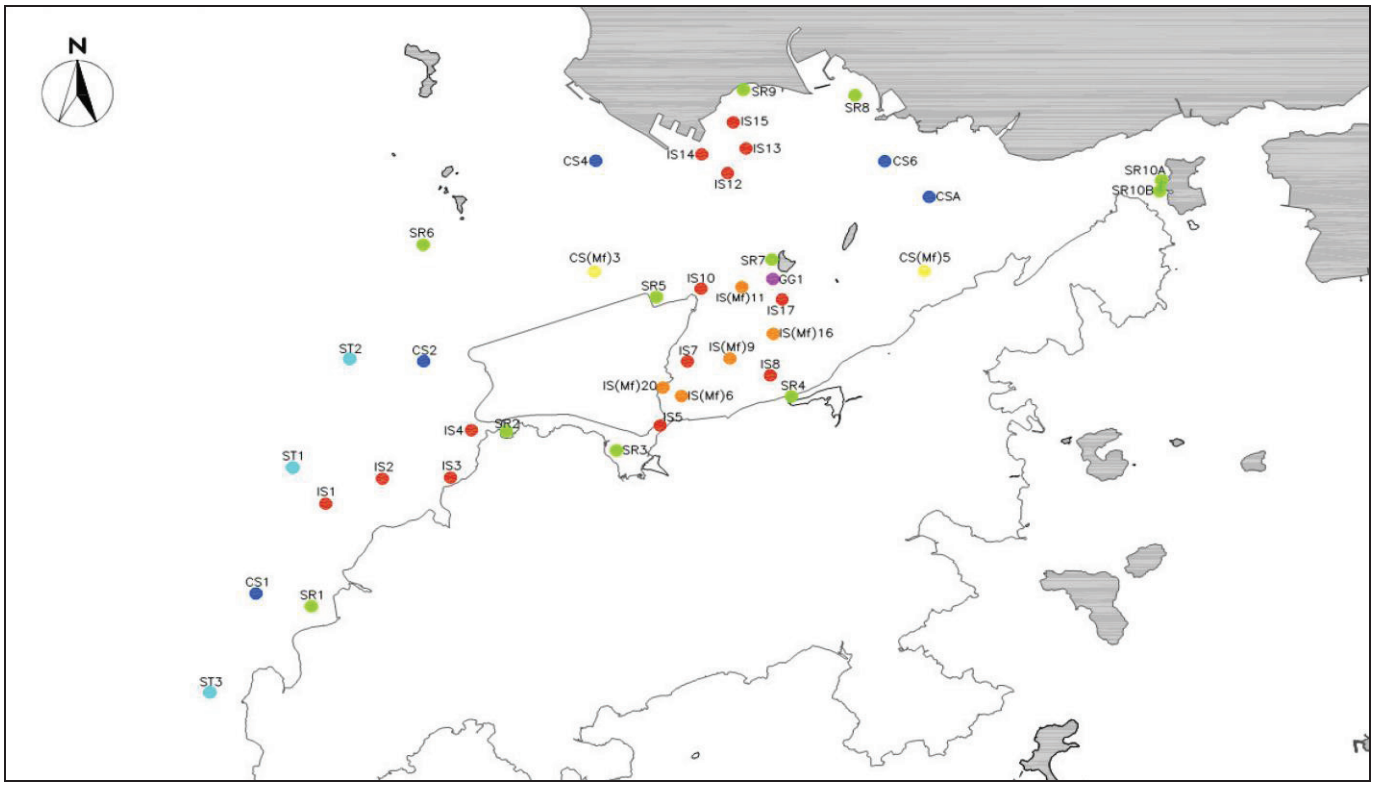
   The measured values during mid-flood tide at station IS5 was within the range of suspended solid during the baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 16 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 021

Date of Notification: 16 November 2012

Works Inspected: Data collected from water sampling works on 8 November 2012 and the results were issued on 9 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 5.35 x 120% =**6.4** for mid flood on 5-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 5.35 x 130% =**7.0** for mid flood on 5-Nov-2012)	3.7	***8.3***
TURB	IS(Mf)6	DA			4.8	***9.9***
TURB	IS7	DA			6.8	***7.9***
TURB	IS8	DA			6.8	***6.9***
TURB	SR3	DA			2.1	***12.0***
TURB	SR4	DA			4.8	***16.7***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 8 November 2012, exceedance of the AL at station IS8 and exceedances of LL at stations IS5, IS(Mf)6, IS7, SR3 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS8, SR3 and SR4 during the baseline monitoring are shown as below

Station	Range of Turbidity(NTU)		
IS5	5.7	to	21.4
IS(Mf)6	5.3	to	20.9
IS7	5.0	to	19.4
IS8	4.5	to	24.5
SR3	7.7	to	19.7
SR4	5.0	to	20.6

The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7, IS8, SR3 and SR4 were within the ranges of turbidity during baseline monitoring.

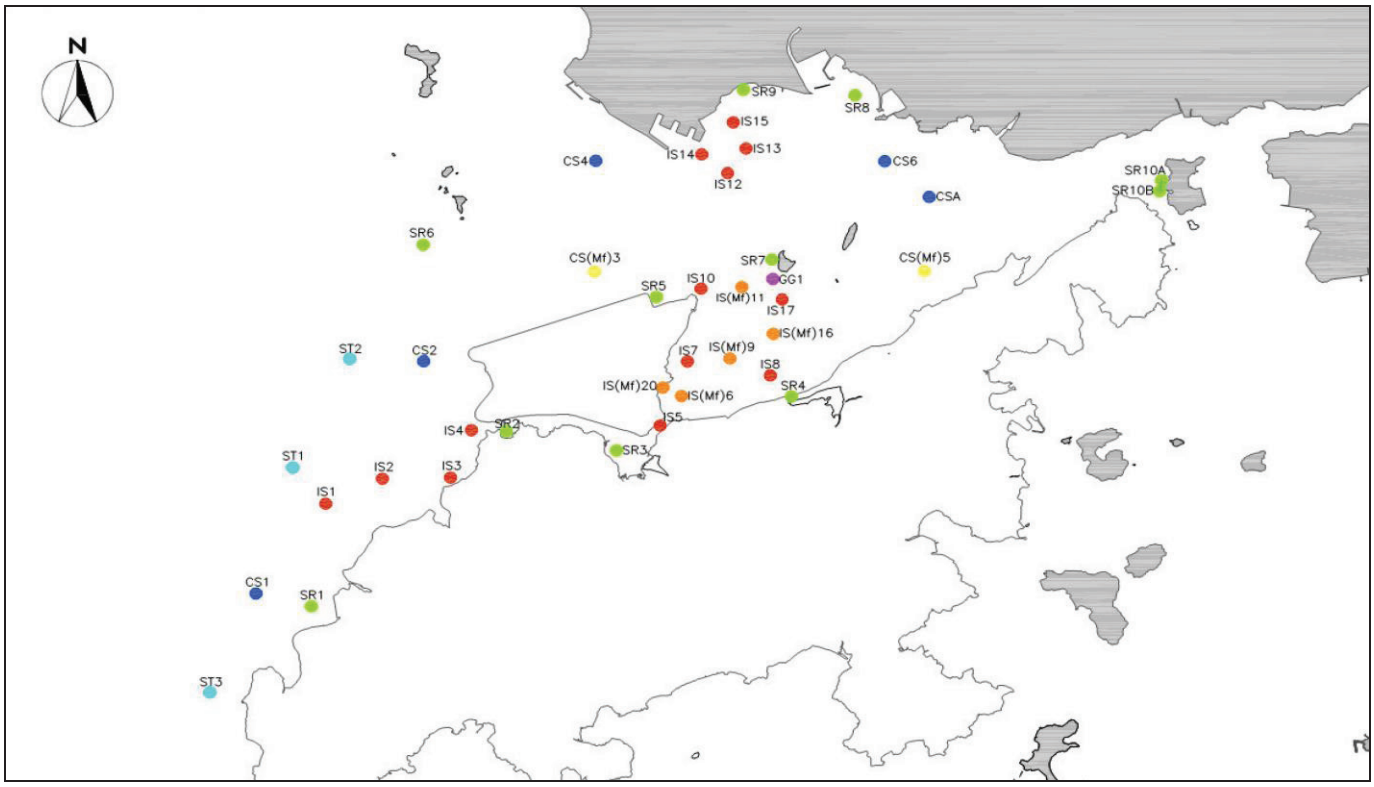
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels are considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 16 November 2012

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Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 022

Date of Notification: 19 November 2012

Works Inspected: Data collected from water sampling works on 8 November 2012 and the test report was issued on 16 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 4.60 x 120% =**5.5** mg/L for mid flood on 8-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 4.60 x 130% =**6.0**mg/L for mid flood on 8-Nov-2012)	5.1	***6.9***
SS	IS(Mf)6	DA			6.1	***7.9***
SS	IS8	DA			7.1	***6.3***
SS	SR3	DA			4.7	***8.7***
SS	SR4	DA			6.5	***16.0***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 8 November 2012, exceedances of the LL at stations IS5, IS(Mf)6, IS8, SR3 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS8, SR3 and SR4 during the baseline monitoring are shown as below

Station	Range of Suspended Solid(mg/L)		
IS5	7.0	to	23.7
IS(Mf)6	8.5	to	35.0
IS8	5.8	to	31.3
SR3	7.6	to	28.0
SR4	5.6	to	24.5

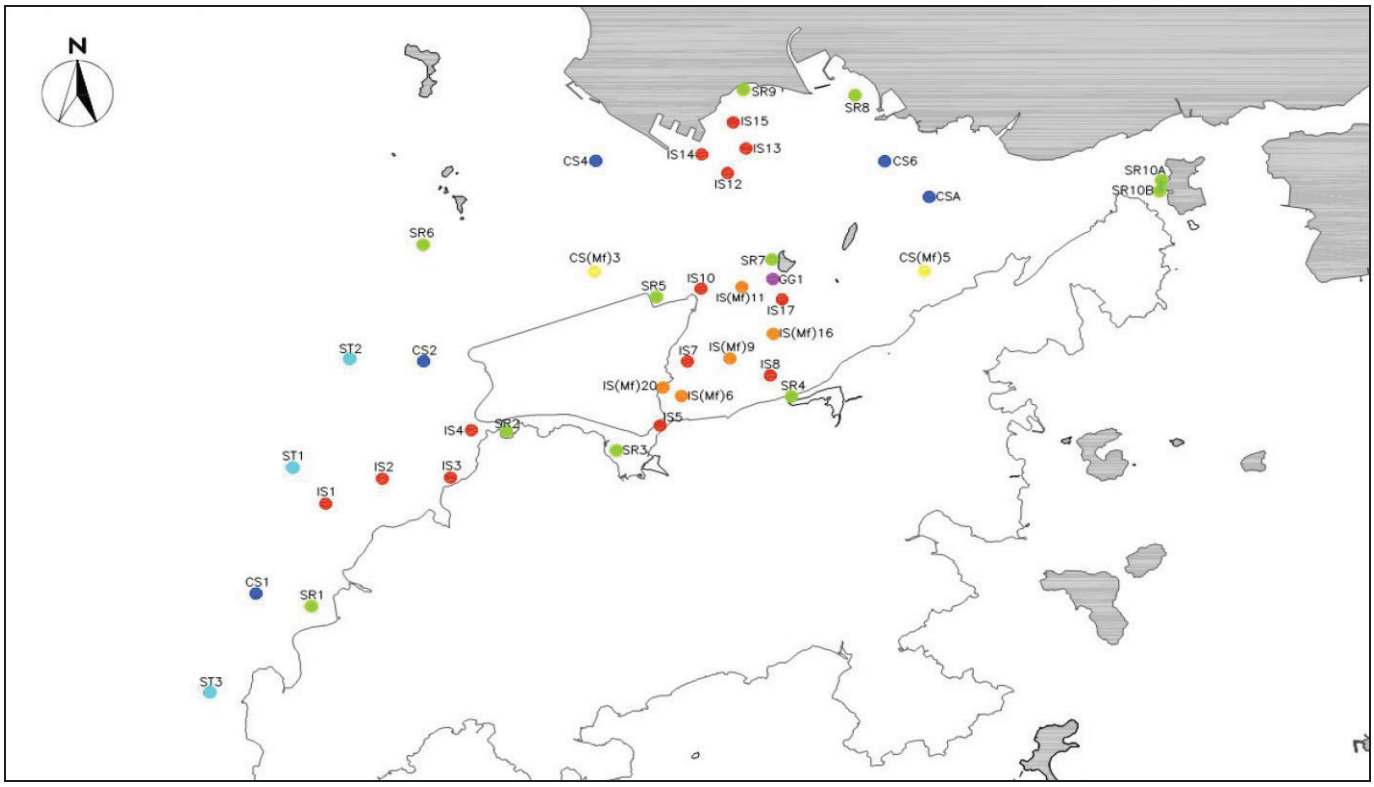
   The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS8, SR3 and SR4 were within the ranges of suspended solid during the baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid levels are considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 19 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 023

Date of Notification: 19 November 2012

Works Inspected: Data collected from water sampling works on 10 November 2012 and the test report was issued on 19 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	SR3	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 6.12 x 120% =**7.3** mg/L for mid flood on 10-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 6.12 x 130% =**8.0**mg/L for mid flood on 10-Nov-2012)	3.7	***13.0***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 10 November 2012, exceedance of the LL at station SR3 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contact works due to the following reasons:

1. No major marine works were carried out near the monitoring station. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The range of suspended solid at station SR3 during the baseline monitoring is shown as below

Station	Range of Suspended Solid(mg/L)		
SR3	7.6	to	28.0

The measured value during mid-flood tide at station SR3 was within the range of suspended solid during the baseline monitoring.

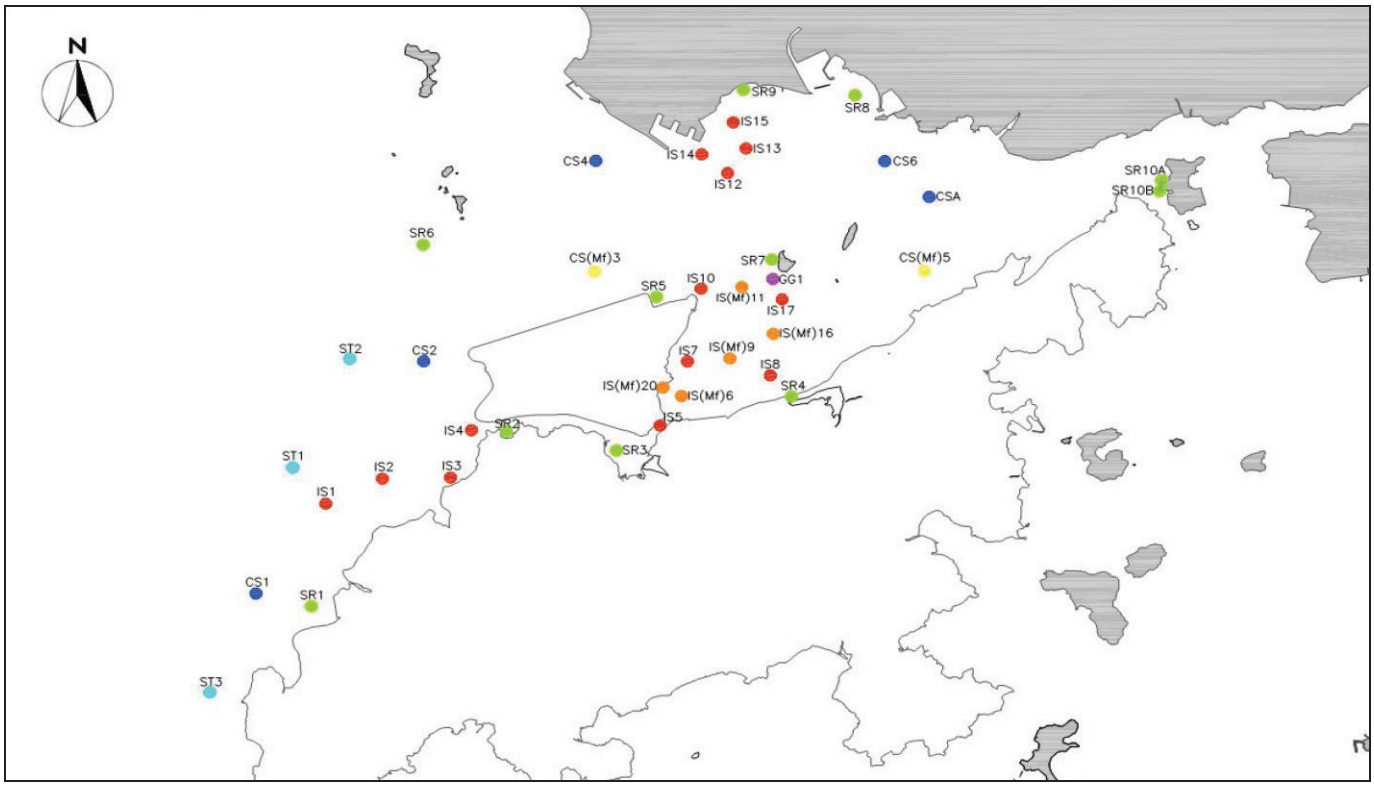
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contact works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contact works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 19 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 024

Date of Notification: 22 November 2012

Works Inspected: Data collected from water sampling works on 16 November 2012 and the results were issued on 17 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS(Mf)6	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.10 x 120% =**12.1** for mid flood on 16-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.10 x 130% =**13.1** for mid flood on 16-Nov-2012)	18.9	***25.3***
TURB	IS7	DA			13.1	***26.9***
TURB	IS8	DA			14.0	***25.8***
TURB	IS(Mf)9	DA			9.9	***17.2***
TURB	SR4	DA			16.1	***24.7***
TURB	SR10A	DA			9.1	***13.4***
TURB	SR10B	DA			13.3	***12.6***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 16 November 2012, exceedance of the AL at station SR10B and exceedances of LL at stations IS(Mf)6, IS7, IS8, IS(Mf)9, SR4 and SR10A were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The ranges of turbidity at stations IS(Mf)6, IS7, IS8, IS(Mf)9, SR4. SR10A and SR10B during the baseline monitoring are shown as below

Station	Range of Turbidity(NTU) Mid-Flood Tide		
IS(Mf)6	5.3	to	20.9
IS7	5.0	to	19.4
IS8	4.5	to	24.5
IS(Mf)9	3.4	to	22.6
SR4	5.0	to	20.6
SR10A	1.9	to	13.0
SR10B	1.7	to	13.2

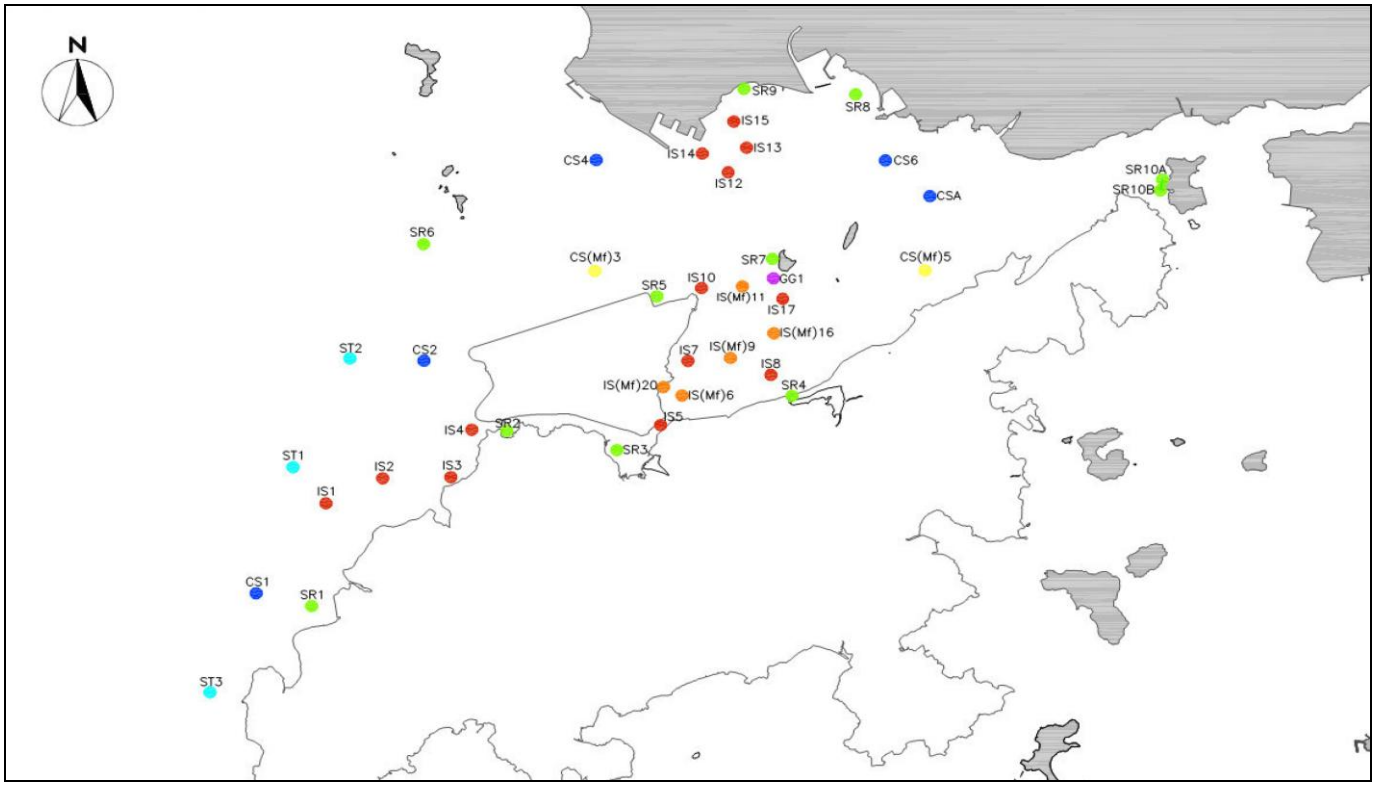
   The measured values during mid-flood tide at stations IS(Mf)9, SR4 and SR10B were within the ranges of turbidity during baseline monitoring.
3. Moderate waves were observed during the monitoring period at impact monitoring stations.

As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 22 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 025

Date of Notification: 22 November 2012

Works Inspected: Data collected from water sampling works on 14 November 2012 and the test report was issued on 21 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	SR4	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 28.52 x 120% =**34.2** mg/L for mid flood on 14-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 28.52 x 130% =**37.1**mg/L for mid flood on 14-Nov-2012)	9.3	***25.7***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 14 November 2012, exceedance of the AL at station SR4 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. No major marine works were carried out near the monitoring station. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The range of suspended solid at station SR4 during the baseline monitoring is shown as below

Station	Range of Suspended Solid (mg/L) Mid-Flood Tide		
SR4	5.6	to	24.5

The measured value during mid-flood tide at station SR4 was similar to the maximum value of suspended solid level recorded during the baseline monitoring and lower than the measured value of 28.52 mg/L at control station CS(Mf)5 during the same sampling period.

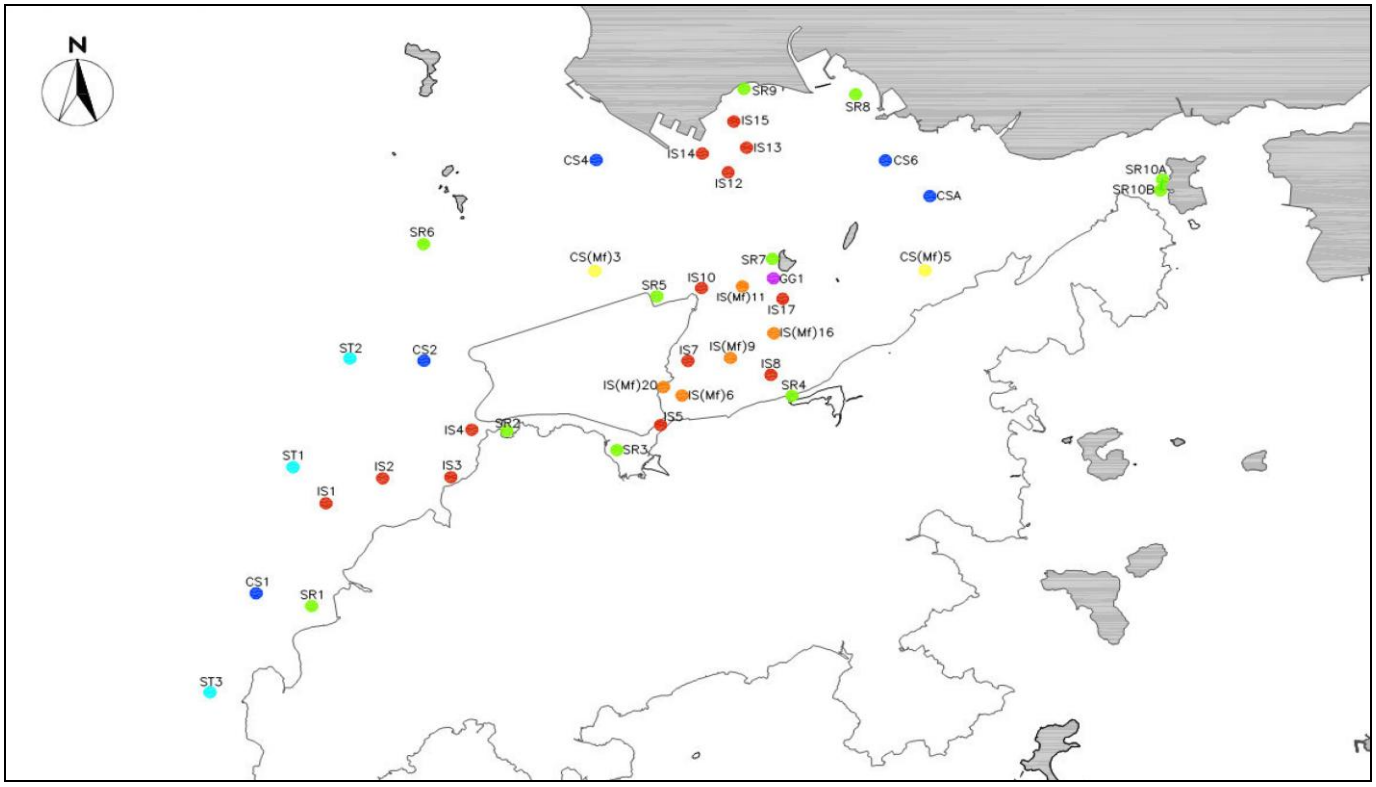
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 22 November 2012

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Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 026

Date of Notification: 23 November 2012

Works Inspected: Data collected from water sampling works on 19 November 2012 and the results were issued on 21 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS7	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 15.65 x 120% =**18.8** for mid flood on 19-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 15.65 x 130% =**20.3** for mid flood on 19-Nov-2012)	11.1	***26.3***
TURB	SR4	DA			8.6	***22.9***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 19 November 2012, exceedances of LL at stations IS7 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

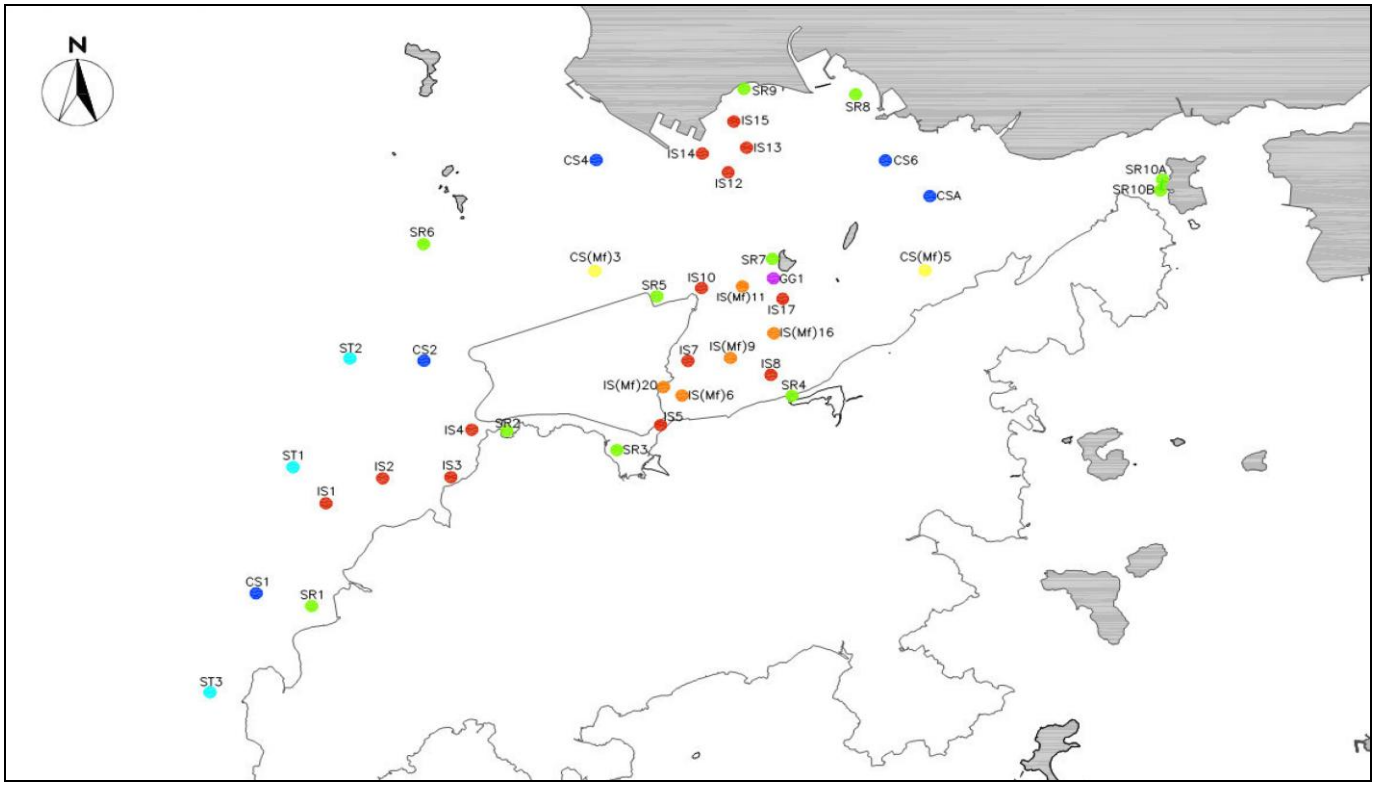
1. No marine works were carried out due to the low tide reason during the sampling period.

As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 23 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 027

Date of Notification: 23 November 2012

Works Inspected: Data collected from water sampling works on 16 November 2012 and the test report was issued on 23 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 8.72 x 120% =**10.5** mg/L for mid flood on 16-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 8.72 x 130% =**11.3**mg/L for mid flood on 16-Nov-2012)	11.4	***11.6***
SS	IS(Mf)6	DA			21.6	***26.9***
SS	IS7	DA			15.9	***31.5***
SS	IS8	DA			15.0	***36.0***
SS	IS(Mf)9	DA			10.4	***17.7***
SS	SR3	DA			9.7	***11.5***
SS	SR4	DA			17.5	***30.9***
SS	SR10A	DA			10.3	***13.1***
SS	SR10B	DA			14.1	***15.8***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 16 November 2012, exceedances of the LL at stations IS5, IS(Mf)6. IS7, IS8, IS(Mf)9, SR3, SR4 SR10A and SR10B were recorded during mid-flood tide. The exceedance have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. No major marine works were carried out near the monitoring station. Rock filling work was being carried out within silt curtains near the restricted area during the sampling period.
2. The range of suspended solid at stations IS5, IS(Mf)6. IS7, IS8, IS(Mf)9, SR3, SR4 SR10A and SR10B during the baseline monitoring are shown as below

Station	Range of Suspended Solid(mg/L) Mid-Flood Tide		
IS5	7.0	to	23.7
IS(Mf)6	8.5	to	35.0
IS7	7.8	to	34.0
IS8	5.8	to	31.3
IS(Mf)9	7.3	to	26.0
SR3	7.6	to	28.0
SR4	5.6	to	24.5
SR10A	4.8	to	19.2
SR10B	5.7	to	26.7

The measured values during mid-flood tide at stations IS5, IS(Mf)6, IS7, IS(Mf)9, SR3, SR10A and SR10B were within the ranges of turbidity during baseline monitoring..

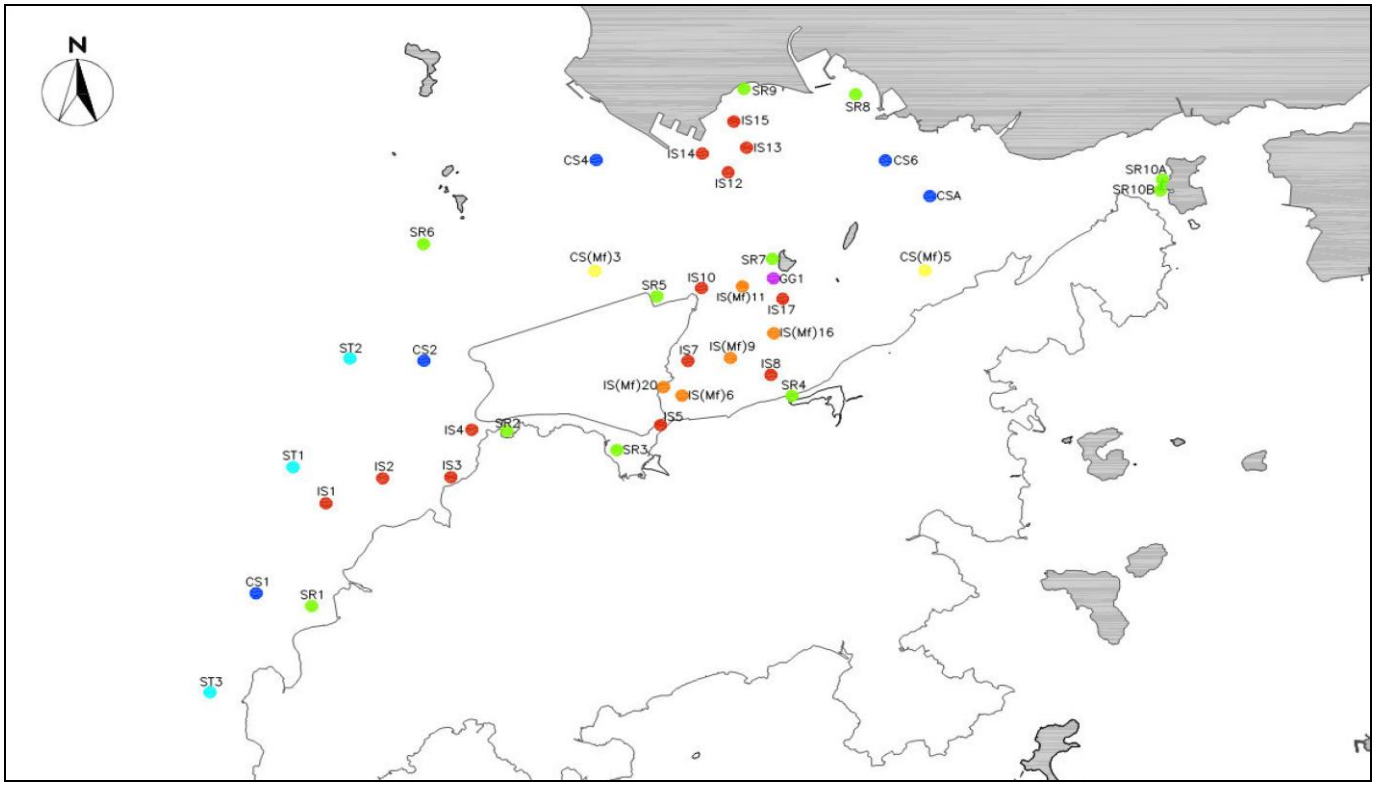
3. Moderate waves were observed during the monitoring period at impact monitoring stations.

As such, the suspended solid level is considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 23 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 028

Date of Notification: 28 November 2012

Works Inspected: Data collected from water sampling works on 24 November 2012 and the results were issued on 26 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.50 x 120% =**9.0** for mid ebb on 24-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.50 x 130% =**9.8** for mid ebb on 24-Nov-2012)	***14.3***	--*
TURB	IS(Mf)6	DA			***11.7***	--*
TURB	IS10	DA			***11.5***	--*

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.
* The monitoring for flood tide on 24/11 could not be conducted due to the breakdown of boats for water quality monitoring.

Possible reason for Action or Limit Level Non-compliance:

On 24 November 2012, exceedances of LL at stations IS5, IS(Mf)6 and IS10 were recorded during mid-ebb tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Silt curtains maintenance work was being carried out during the sampling period
2. The ranges of turbidity at stations IS5, IS(Mf)6 and IS10 during the baseline monitoring are shown as below

Station	Range of Turbidity(NTU) Mid-Ebb Tide		
IS5	5.8	to	19.2
IS(Mf)6	3.3	to	21.7
IS10	6.7	to	14.7

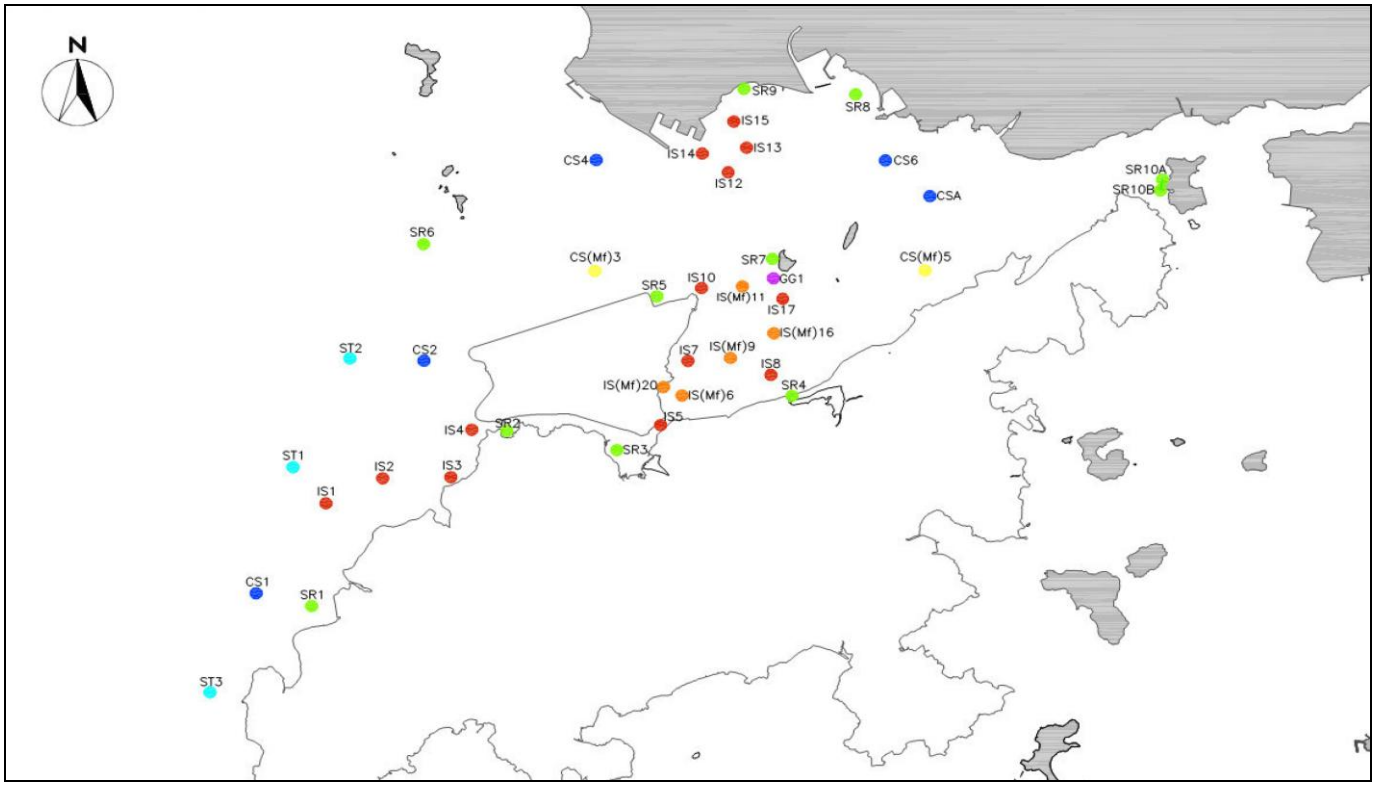
   The measured values during mid-ebb tide at stations IS5, IS(Mf)6 and IS10 were within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 28 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 029

Date of Notification: 28 November 2012

Works Inspected: Data collected from water sampling works on 19 November 2012 and the test report was issued on 26 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS7	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 17.52 x 120% =**21.0** mg/L for mid flood on 19-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 17.52 x 130% =**22.8**mg/L for mid flood on 19-Nov-2012)	12.3	***24.6***
SS	SR4	DA			9.6	***26.5***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 19 November 2012, exceedances of the LL at stations IS7 and SR4 were recorded during mid-flood tide. The exceedance have been investigated and are considered unlikely to be related to contract works due to the following reasons:

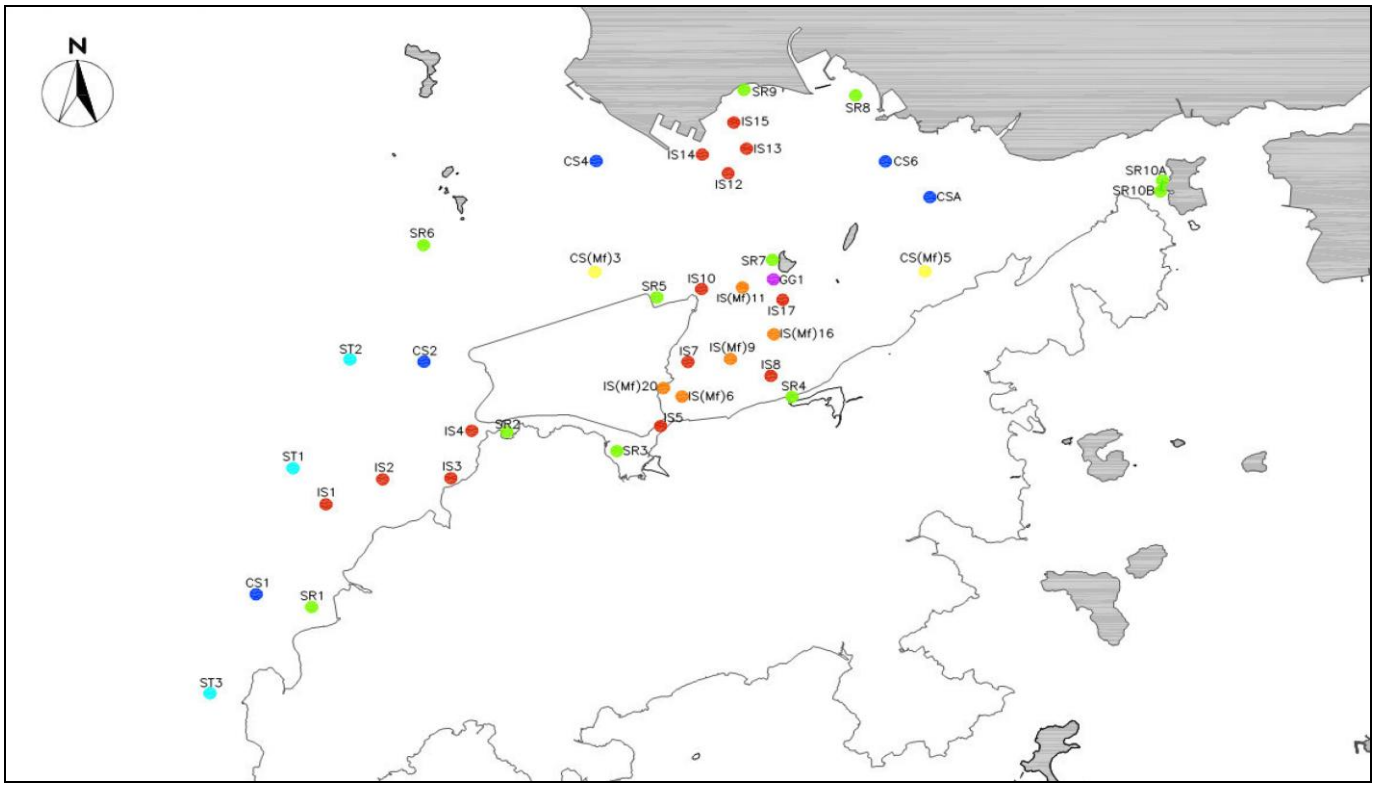
1. No marine works were carried out due to the low tide reason during the sampling period.

As such, the suspended solid level is considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 28 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 030

Date of Notification: 30 November 2012

Works Inspected: Data collected from water sampling works on 26 November 2012 and the results were issued on 27 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.05 x 120% =**12.1** for mid flood on 26-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS(Mf)5: 10.05 x 130% =**13.1** for mid flood on 26-Nov-2012)	13.4	***15.4***
TURB	IS(Mf)6	DA			25.7	***26.2***
TURB	IS7	DA			19.3	***25.3***
TURB	IS(Mf)9	DA			13.9	***13.8***
TURB	SR3	DA			7.8	***15.0***
TURB	SR4	DA			8.5	***17.7***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 26 November 2012, exceedances of LL at stations IS5, IS(Mf)6, IS7, IS(Mf)9, SR3 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. Silt curtains maintenance work was being carried out during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS(Mf)9, SR3 and SR4 during the baseline monitoring are shown as below

Station	**Range of Turbidity(NTU) Mid-Flood Tide**		
IS5	5.7	to	21.4
IS(Mf)6	5.3	to	20.9
IS7	5.0	to	19.4
IS(Mf)9	3.4	to	22.6
SR3	7.7	to	19.7
SR4	5.0	to	20.6

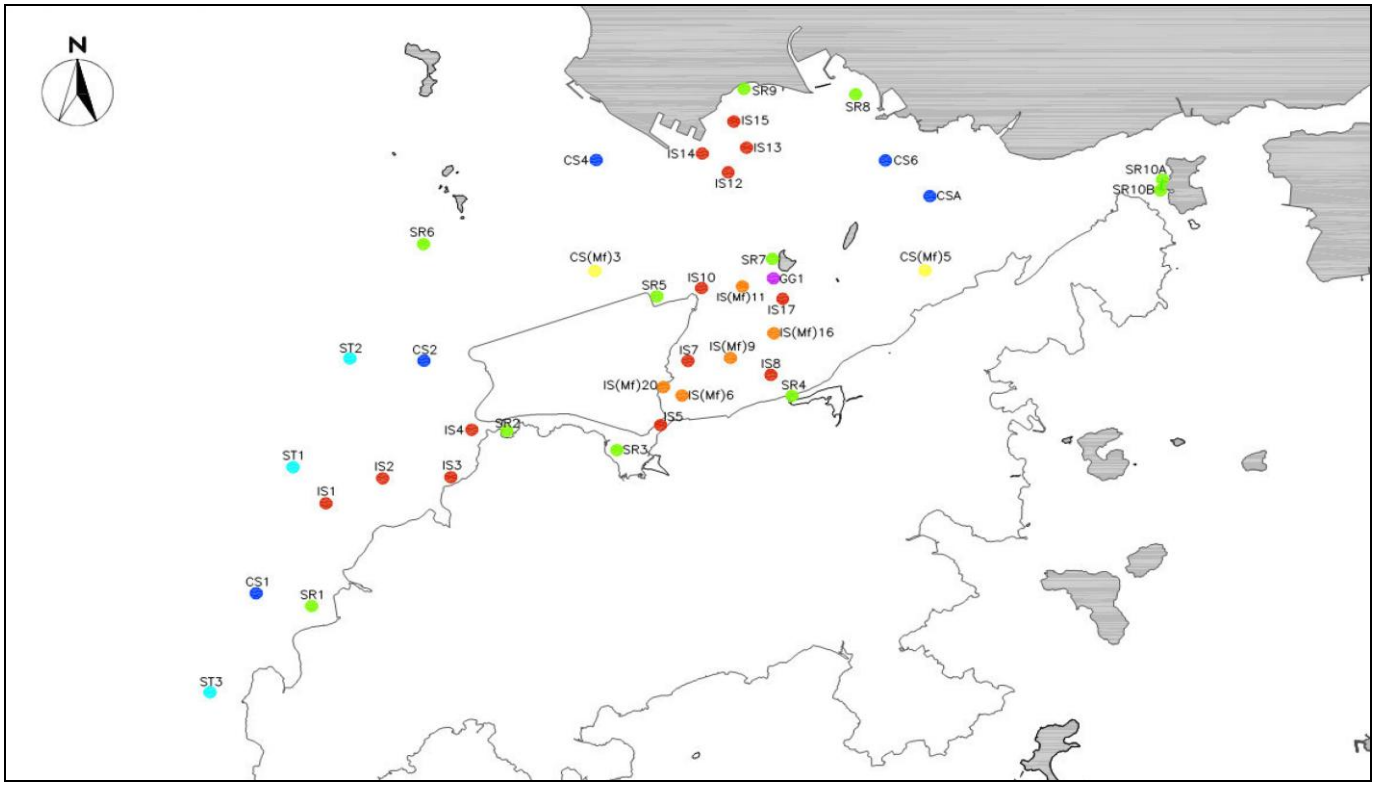
   The measured values during mid-flood tide at stations IS5, IS(Mf)9, SR3 and SR4 were within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 30 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 031

Date of Notification: 30 November 2012

Works Inspected: Data collected from water sampling works on 22 November 2012 and the test report was issued on 29 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 8.08 x 120% =**9.7** mg/L for mid flood on 22-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 8.08 x 130% =**10.5** mg/L for mid flood on 22-Nov-2012)	7.0	***14.5***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 22 November 2012, exceedance of the AL at station IS5 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. No major marine works were carried out near the monitoring station. Silt curtains maintenance work was being carried out during the sampling period.
2. The range of suspended solid at station IS5 during the baseline monitoring is shown as below.

Station	Range of Suspended Solid(mg/L)		
IS5	7.0	to	23.7

The measured value during mid-flood tide at station IS5 was within the range of suspended solid level recorded during the baseline monitoring.

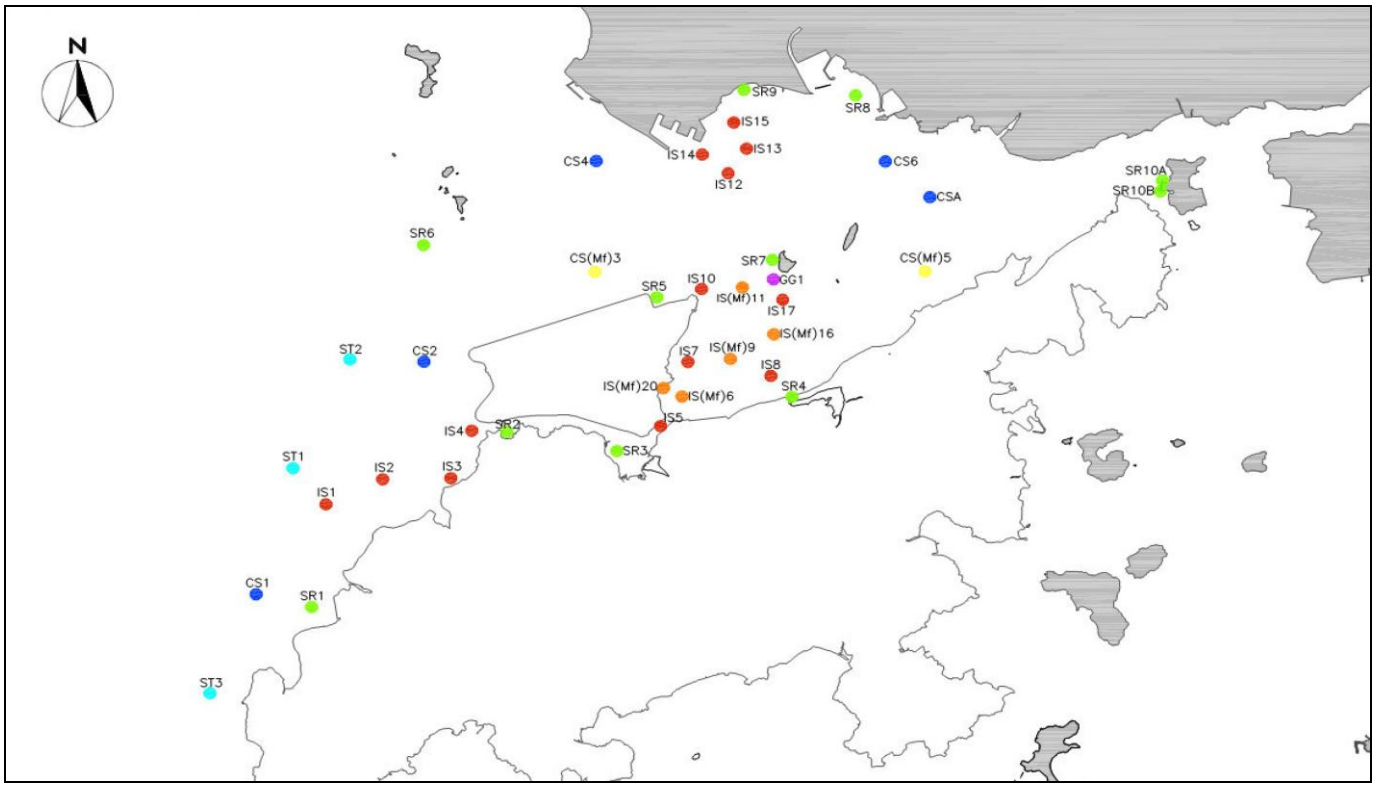
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 30 November 2012

Copied to : Supervising Officer, IEC, EPD, Contractor

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 032

Date of Notification: 6 December 2012

Works Inspected: Data collected from water sampling works on 26 November 2012 and the test report was issued on 3 December 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 9.18 x 120% =**11.0** mg/L for mid flood on 26-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 9.18 x 130% =**11.9** mg/L for mid flood on 26-Nov-2012)	11.4	***15.0***
SS	IS(Mf)6	DA			39.9	***28.5***
SS	IS7	DA			14.9	***23.5***
SS	IS(Mf)9	DA			24.4	***12.2***
SS	SR3	DA			11.6	***11.8***
SS	SR4	DA			9.5	***18.1***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 26 November 2012, exceedances of the LL at station IS5, IS(Mf)6, IS7, IS(Mf)9, SR3 and SR4 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Silt curtains maintenance work was being carried out during the sampling period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS(Mf)9, SR3 and SR4 during the baseline monitoring are shown as below.

Station	Range of Suspended Solid(mg/L) Mid-Flood Tide		
IS5	7.0	to	23.7
IS(Mf)6	8.5	to	35.0
IS7	7.8	to	34.0
IS(Mf)9	7.3	to	26.0
SR3	7.6	to	28.0
SR4	5.6	to	24.5

The measured value during mid-flood tide at stations IS5, IS(Mf)6, IS7, IS(Mf)9, SR3 and SR4 were within the ranges of suspended solid level recorded during the baseline monitoring.

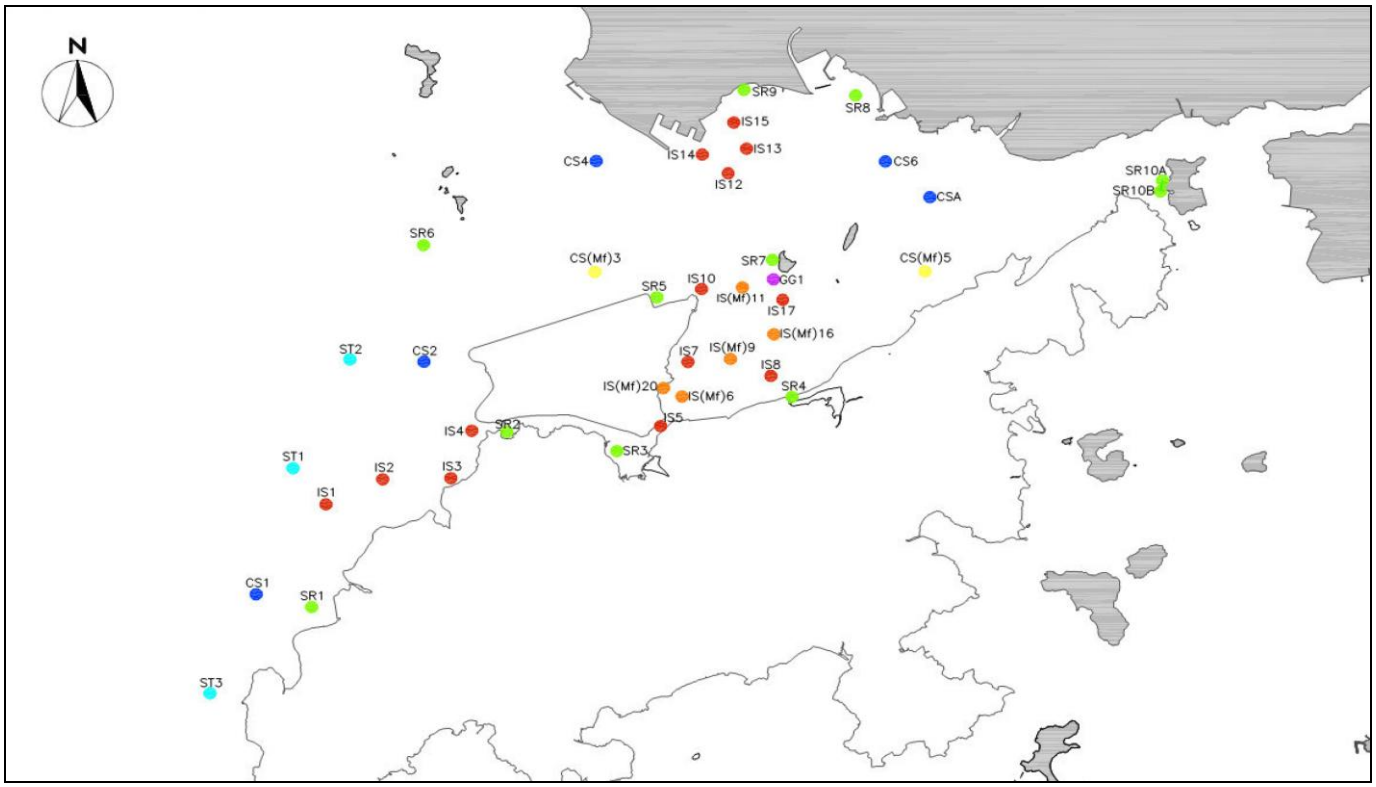
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 December 2012

Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 033

Date of Notification: 6 December 2012

Works Inspected: Data collected from water sampling works on 29 November 2012 and the results were issued on 30 November 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)/ Suspended Solids (SS)/~~ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 8.75 x 120% **=10.5** for mid ebb on 29-Nov-2012 AND CS(Mf)5: 13.17 x 120% **=15.8** for mid flood on 29-Nov-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 8.75 x 130% **=11.4** for mid ebb on 29-Nov-2012 AND CS(Mf)5: 13.17 x 130% **=17.1** for mid flood on 29-Nov-2012)	***13.1***	9.3
TURB	IS(Mf)6	DA			***13.8***	***17.1***
TURB	IS7	DA			***12.2***	11.3
TURB	IS8	DA			***10.8***	***20.5***
TURB	IS(Mf)9	DA			***14.0***	***19.2***
TURB	IS10	DA			***16.4***	***20.6***
TURB	SR3	DA			***13.5***	10.3
TURB	SR4	DA			***11.3***	15.7
TURB	SR5	DA			10.1	***17.1***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 29 November 2012, exceedances of AL at stations IS8 and SR4 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS(Mf)9, IS10 and SR3 were recorded during mid-ebb tide. The exceedances of AL at stations IS(Mf)6 and SR5 and exceedances of LL at stations IS8, IS(Mf)9 and IS10 were recorded during mid-flood tide The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. No major marine works were carried out near the monitoring stations. The vessel maintenance work was being carried out during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4 and SR5 during the baseline monitoring are shown as below

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20.0	5.0	to	19.4
IS8	4.0	to	12.2	4.5	to	24.5
IS(Mf)9	2.7	to	17.0	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5.0	to	20.6
IS10	6.7	to	14.7	8.4	to	20.8
SR5	5.2	to	12.4	7.1	to	30.9

   The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4 and SR5 were within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

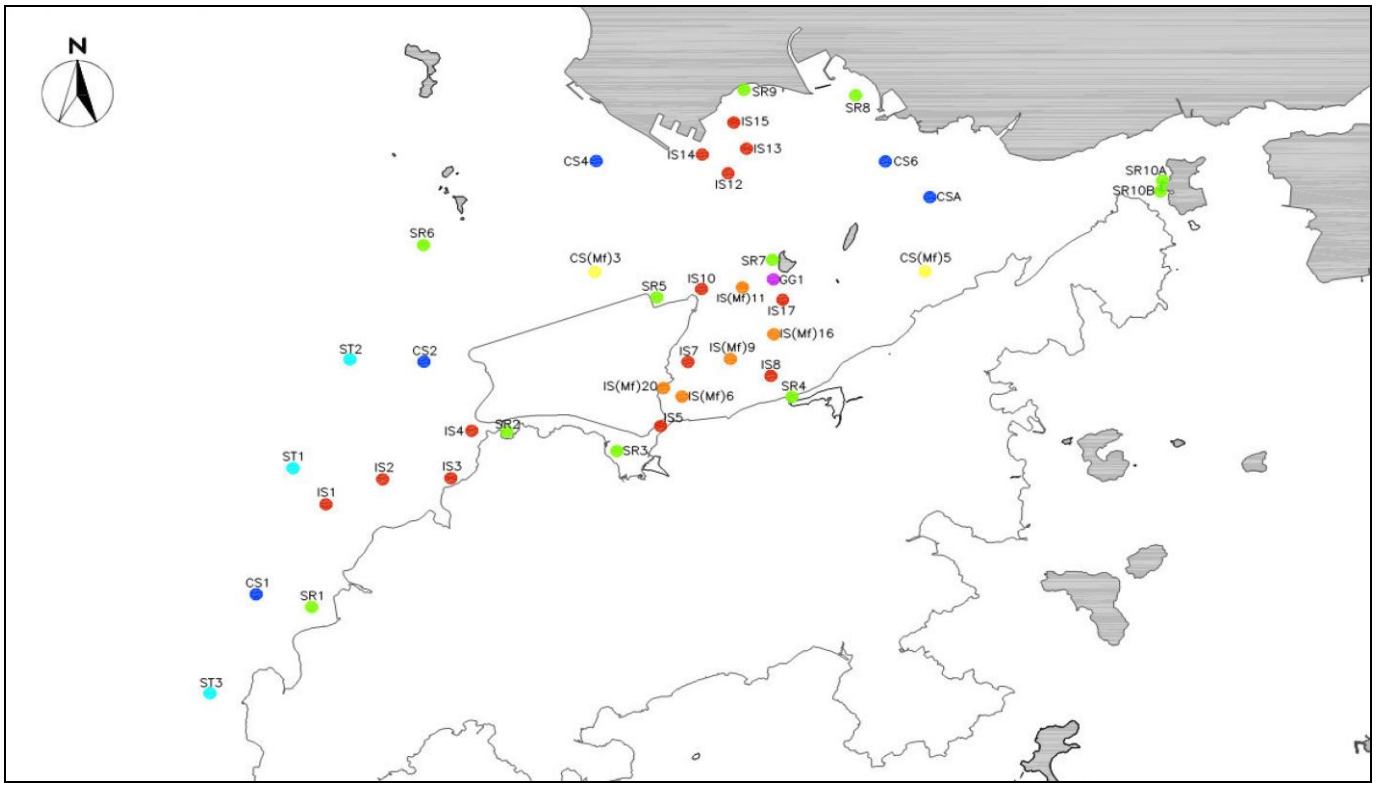
As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the

contract works.

Actions taken/ to be taken:

As the turbidity levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 December 2012

Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 034

Date of Notification: 7 December 2012

Works Inspected: Data collected from water sampling works on 29 November 2012 and the test report was issued on 6 December 2012

Monitoring Location: Water Quality Monitoring Stations

Parameter: ~~Dissolved Oxygen (DO)~~/ Suspended Solids (SS)/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)6	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 12.73 x 120% =**15.3** mg/L for mid flood on 26-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 12.73 x 130% =**16.6** mg/L for mid flood on 26-Nov-2012)	13.1	***24.0***
SS	IS8	DA			7.8	***22.8***
SS	IS(Mf)9	DA			11.0	***19.5***
SS	IS10	DA			12.9	***23.4***
SS	SR4	DA			9.9	***15.9***
SS	SR5	DA			7.4	***18.2***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 29 November 2012, an exceedance of the AL at station SR4 and exceedances LL at stations IS(Mf)6, IS8, IS(Mf)9, IS10 and SR5 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. No major marine works were carried out near the monitoring stations. Vessel maintenance work was being carried out during the sampling period.
2. The ranges of suspended solid at stations IS(Mf)6, IS8, IS(Mf)9, IS10, SR4 and SR5 during the baseline monitoring are shown as below.

Station	Range of Suspended Solid(mg/L) Mid-Flood Tide		
IS(Mf)6	8.5	to	35.0
IS8	5.8	to	31.3
IS(Mf)9	7.3	to	26.0
IS10	7.2	to	16.0
SR4	5.6	to	24.5
SR5	6.5	to	31.2

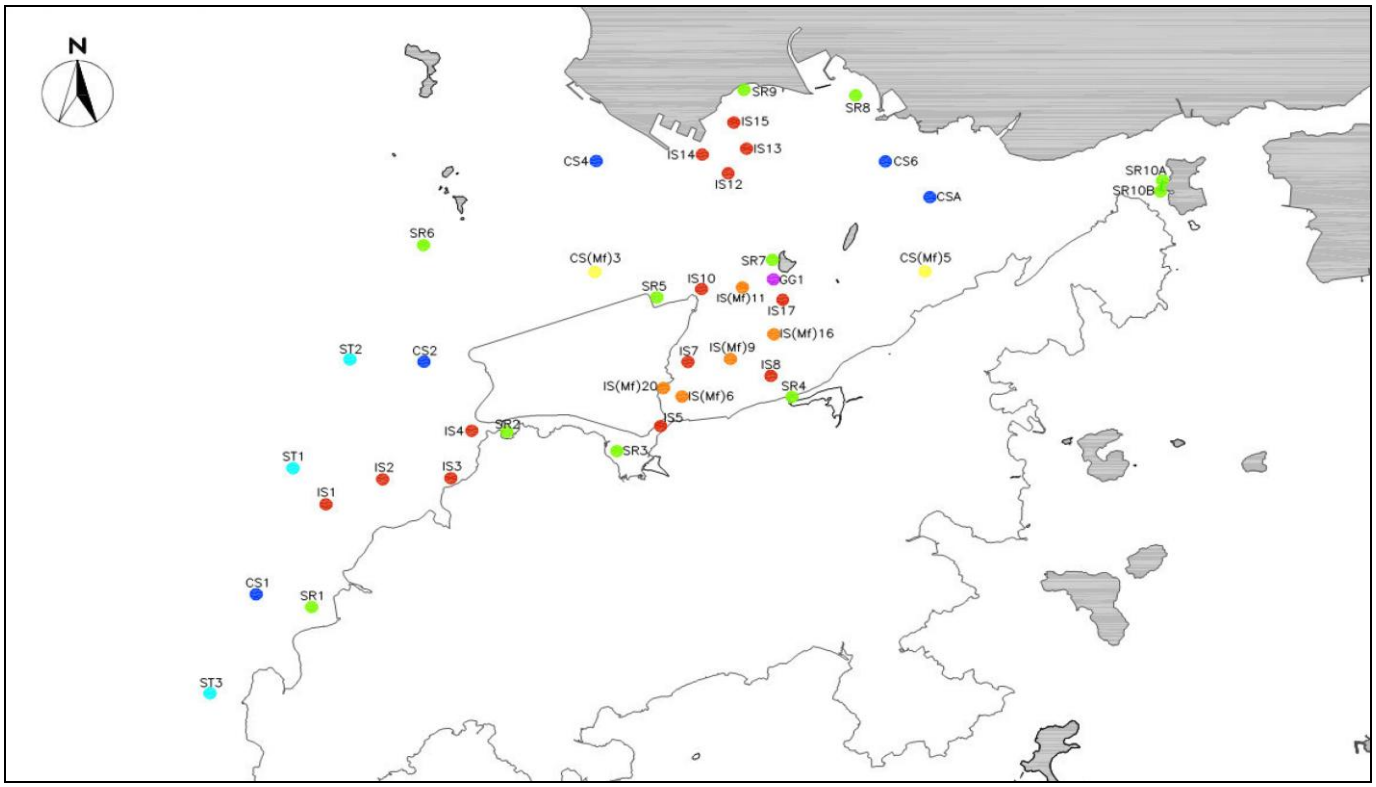
The measured value during mid-flood tide at stations IS(Mf)6, IS8, IS(Mf)9, SR4 and SR5 were within the ranges of suspended solid level recorded during the baseline monitoring..

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 7 December 2012

Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 035

Date of Notification: 7 December 2012

Works Inspected: Not Applicable

Monitoring Location: Not Applicable

Parameter: Noise

Action & Limit Levels			**Measured Level**	
Time Period	Action Level	Limit Level	Time:	N/A (A noise complaint regarding the noise generated from power generator, engines from barges used for marine operation, cranes from the barges, engine from boats used for transportation of site staff and strong noise of metallic parts being thrown on the ground was received on 24 November 2012)
07:00–19:00 hrs Normal weekday	1 complaint	75 dB(A)	$L_{eq(5min)}$ readings, dB(A)	
			$L_{eq(15min)}$ dB(A) (façade measurement)	

Possible reason for Action or Limit Level Non-compliance:

According to the information provided by the Contractor, the construction works conducted on 24 November 2012 included removal of armour rock at zone 3C and rock filling at Zone 3B. A noise barrier has been provided for the generator since 21 November 2012. Noise shield has been installed for the engine and breaking system of a derrick barge to minimize the noise nuisance since 25 Nov 2012. According the information provided by the Contractor, construction activities undertaken on site on 24 November included breaking work for extending drainage using electric breaker (completed on 26 Nov), cleaning near site entrances and filling of cable manhole with sandbags. No metallic works were carried out during the date of complaint (24 November 2012).

Actions taken/ to be taken:

The Contractor has implemented mitigation measures to minimise the potential noise impacts. In addition, the Contractor has been reminded to enhance the maintenance of barges to avoid the generation of abnormal noise.

Reviewed by : Claudine Lee Title : ET Leader

Date : 7 December 2012

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APPENDIX N

Cumulative Statistic on Complaints

HyD Contract No.HY/2011/03
Hong Kong - Zhuhai - Macao Bridge Hong Kong Link Road
Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Complaint Register

Date : As of 08 Jan 2013

Complaint No.	Rec'd Date	Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-008	22-Oct-12	16:41	EPD	Environmental (Water Pollution)	X先生投訴東涌機場對出港珠澳大橋地盤，有污水排到海中（懷疑是油污），污染環境，要求跟進及回覆。 (Photos attached). The "phenomenon"was observed over the past week. The photos attached were taken on 19.10.2012, 22.10.2012 and 23.10.2012	Portion X	The pelican barge as shown in the photos provided on 24 October 2012 did not belong to the Contractor.	Closed	
COM-2012-009	05-Nov-12	-	1823 CASE: 1-391341859	Environmental (Noise and light)	The citizen complained about noise and light pollution from the barges working on the Zhuhai Macau Bridge project. Barge machinery working to about 10pm at night and sometimes can be heard intermittently through the night. The noise is more audible because the machinery is sited on/over the water.	Portion X	The Contractor has adjusted the emission angle of the lights on working vessels with a view to minimizing the glaring effect to the adjoining residential areas	Closed	-
COM-2012-009(2)	11-Nov-12	-	1823 CASE: 1-391341859	Environmental (Noise, water quality & air quality)	The complainant noted that the barges are still working on a Sunday, up until 10pm at night, very noisy, causing pollution of the water and at times expelling black smoke from their engines. A photograph taken at 10.40am on Sunday 11 November 2012 was attached.	Portion X	-	Closed	-
COM-2012-009(3)	14-Nov-12	/	1823 CASE: 1-391341859	Environmental (Noise)	The complainant did not accept the reply. He further said that "All staff has to do is come out either at night or a Sunday to check, so easy. If this continues I will have no choice to call the police out."	Portion X	The Contractor has taken the following further mitigation measures for the reclamation works: (a) Mitigation Measures for Noise Nuisance: • Improvement of noise covers onto the generators / motors on barges; and • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges. (b) Mitigation Measures for Smoke Emission: • Increase frequency of maintenance and checking of engines on barges that may emit smoke; and • Installation/ replacement of smoke suppression device such as air filter, at engines where necessary.	Closed	-
COM-2012-010(1)	06-Nov-12	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise)	The complainant stated that lately work has started opposite Le Bleu Deux estate using barges. The work in process is generated high level of noise from powered tools used on those barges. Even if the noise was acceptable on weekdays during daytime, it is definitely creating nuisance to local resident at night (past 7pm) and on Sunday. Basically as 5 November 12 evening, he could not leave his window open as the elevel of noise prevent his baby to sleep and he could not even hear the TV in his flat. the noise coming from the site is higher then the sounds from my TV. He would like to know what measure you are planning to put in place to address this issue. He did not think that the current level of noise are acceptable past 7pm and on Sunday.	Portion X	-	Closed	-

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Complaint No.	Rec'd Date	Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-010(2)	15-Nov-12	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise & air quality)	The noise can be very annoying, on days depending of the wind direction, you are making more noise than the plane taking off (I measured it myself), to give you an idea of the disturbance you are creating again. *I would also like to bring an other topic beside the noise. Since the beginning of the filling operation, very strong smell of exhaust pipe gas can be smelt in the residential area and I think this is a huge health concern for the local population. On certain days when the wind is blowing towards the residential areas, I have the feeling that there is a diesel engine running in my living room! I would like to know how you are planning to address this?*	Portion X	-	Closed	-
COM-2012-010(3)	15-Nov-12	-	EPD	Environmental (Noise, water quality & air quality)	The complainant has copied his reply from HyD dated 15 Nov 2012 to EPD and Health Department and he further complained on the following issues: • Noise nuisance generated by diesel engine; • Smell of exhaust pipe gas in his residence; and • Suspected marine water pollution (see enclosed photo). The complainant also requested EPD to install noise and air quality monitoring at Le Bleu Deux estate.	WA6 Portion X	**Noise from blowing horn from vessels and barges and Metallic Parts thrown on Ground** • Reminded the Contractor to request the captains of the vessels and barges not blowing the horn except in case of emergency or prevention of ship collisions/serious safety matters; • The supervision teams would enhance their tight control on the vessels and barges working at that location, and monitor the situation and take corresponding actions; and • To enhance the work force of RSS to supervise each step of construction activities and the use of hand tools until the completion of the site office erection. **Noise from Engines and Cranes of the Barges during Marine Operation** • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at night time and Sundays. **Noise from power generators** • All generators shall be either screened or covered by adequate sound reducing materials; • All generators situated in front of Le Bleu Deux estate will be switched off at 19:00 hrs, except two generators will be kept running up to 22:00hrs and one generator will be kept running overnight for maintaining minimum power requirement; and • Arrangement with CLP Power HK Ltd (CLP) for the permanent power supply to the site offices has been chased in a matter of urgency. The use of power generators will be terminated in phase starting from 6 December 2012. **Exhaust Fume Emission** • Tight control on using the machine and generators in the vicinity of Le Bleu Deux estate; and • Closely monitor the frequency on engine cleansing and replacement of dust filter. **Change of Sea Water in Yellow** • The Contractor was reminded to move their vessels and barges at areas with adequate water depth as practically as possible.	Closed	
COM-2012-010(4)	19-Nov-12	22:25 hrs.	EPD	Environmental (Air quality and Noise)	The complainant filed again a complaint for the strong exhaust pipe fumes smell coming for the construction site in Tung Chung tonight as well as the extremely high level of noise as at at 10:30 pm (19/11/12).	WA6		-	

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Date : As of 08 Jan 2013

Complaint No.	Rec'd Date	Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-010(5)	24-Nov-12 25-Nov-12	13:42 hrs. 13:49 hrs 22:02 hrs. 22:08 hrs.	EPD (cc to HyD) EPD (cc to HyD)	Environmental (Air quality and Noise)	The noise is coming for the following sources: o . power generator o . engines from the barges used for marine operation o . noise from the cranes use of the construction barges. o . engine from the boat used to transport staff in and out o . boats blowing their horn late in the evening and at night Gas emissions: o . power generators o . marine operation The complainant file again a complaint against the strong exhaust pipe emission flowing towards le Bleu Deux estate this afternoon 24/11/10 at 13:47. I can assure you that is it not "not that bad" whatever that means for you. And again strong noise of metallic parts being thrown on the ground. *I thought you have already sorted out that problem according to your multiple replies to my complaints since July???"* A pictures taken this morning (25/11/12) around 9:30am-10am showing the water pollution in different area outside the floating barriers. At 21:56 hrs., boat used by the Highway Department against blew their horn repetitively at close proximity from the residential estate.	WA6 Portion X			
COM-2012-012(1)	13-Nov-12	22:27 hrs.	HyD	Environmental (Noise)	Once again your site continues to work late. The attached photo was taken at 10.15pm on Tuesday 13 Nov. The machinery used on the barges is very noisy. Why do you continue to work till 10pm and why do you work on a Sunday. Surely this is classified as a construction site for which you are in breach of various ordinances. An early reply is appreciated.	Portion X	The following further mitigation measures during the course of the reclamation works will be taken: • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at nighttime and Sundays.	Closed	-