Monitoring of Chinese White Dolphins in Southwest Lantau Waters

11th Monthly Progress Report (January 2016)
submitted to Environmental Project Office for the HZMB HKLR, HZMB HKBCF and TM-CLKL – Investigation

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1. Introduction

1.1. In March 2015, Hong Kong Cetacean Research Project (HKCRP) was appointed by the Environmental Project Office for the HZMB Hong Kong Projects to undertake a monitoring study of Chinese White Dolphins in Southwest Lantau (SWL) waters.

1.2. The objectives of the monitoring study are to quantify the abundance and density of Chinese White Dolphins in SWL waters, to identify individuals during the monitoring surveys, and to analyze their range use and movement patterns in Hong Kong and the wider Pearl River Estuary waters.

1.3. The monitoring study will supplement the on-going EM&A monitoring results of the HZMB Hong Kong Projects in North and West Lantau waters, and provide a more complete picture of dolphin usage and movements between different survey areas in western Hong Kong waters.

1.4. The present report is the 11th monthly progress report under this dolphin monitoring study submitted to the Environmental Project Office, summarizing the survey findings during the month of January 2016.

2. Monitoring Methodology

2.1. Vessel-based Line-transect Survey

2.1.1. According to the requirement of the technical proposal submitted to the Environmental

Project Office, dolphin monitoring programme should cover all transect lines in SWL survey area (see Figure 1) once per month upon instruction. The co-ordinates of all transect lines conducted during the dolphin monitoring survey are shown in Table 1.

Table 1. Co-ordinates of transect lines in SWL survey area (corresponding to transect line layout as shown in Figure 1)

Line #		Northing	Easting		Line #		Northing	Easting
SWL001	1	806180	802510		SWL007	13	807380	808520
	2	804250	802510			14	805600	808520
SWL002	3	806710	803480			15	804400	808520
	4	803450	803480			16	803000	808520
SWL003	5	807270	804500			17	802100	808520
	6	802690	804500			18	800470	808520
SWL004	7	807590	805450		SWL008	19	807380	809550
	8	802295	805450			20	805050	809550
SWL005	9	808490	806500			21	804400	809550
	10	801410	806500			22	800470	809550
SWL006	11	808500	807430		SWL009	23	807380	810550
	12	801250	807430			24	800470	810550
					SWL010	25	809410	811510
						26	801470	811510

2.1.2. The HKCRP 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 17 years of marine mammal monitoring surveys in Hong Kong developed by HKCRP (see Hung 2014). For each monitoring vessel survey, a 15-m inboard vessel 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 from HKCRP (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 *Fujinon* marine binoculars. Both observers searched the sea ahead of the vessel, between 270° and 90° (in relation to the bow, which is defined as 0°). One to two additional experienced observer was 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 1) was labeled as “primary” survey effort, while the survey effort conducted along the connecting lines between parallel lines as well as the section around the Soko Islands was labeled as “secondary” survey effort. Both primary and secondary survey effort were presented as on-effort survey effort in this report.

2.1.8. Encounter rates of Chinese White Dolphins (number of on-effort sightings per 100 km of survey effort and number of dolphins from all on-effort sightings per 100 km of survey effort) were calculated in SWL survey area in relation to the amount of survey effort conducted during each month of monitoring survey. Only data collected under Beaufort 3 or below condition would be used for encounter rate analysis. Dolphin encounter rates were calculated using the combined survey effort from both primary and secondary lines for comparison to the historical data collected by HKCRP in this survey area. For the historical data, the encounter rates were calculated by pooling all relevant survey effort

and dolphin sightings to calculate a single index.

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. A professional digital camera (*Canon* EOS 7D model), 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. For individual dolphins that are not readily identifiable from the catalogue but have distinct features on their bodies, they will be placed in a pool of "potential new individuals", with decision being made at the end of each year on whether any of them should be incorporated into the photo-ID catalogue.

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.

3. Monitoring Results

3.1. Vessel-based Line-transect Survey

3.1.1. One set of systematic line-transect vessel survey was conducted under the present

monitoring study on January 18th, 2016, to cover all transect lines in SWL survey area once. The route and track log of this survey are presented in Figure 2 and Appendix I respectively).

3.1.2. In addition, two line-transect surveys were also conducted under the AFCD long-term marine mammal monitoring programme in SWL survey area on January 5th (with lines no. SWL006, SWL008 and SWL010 covered) and January 26th (with lines no. SWL003, SWL005, SWL007 and SWL009 covered). Such monitoring data were also incorporated into the present study for various analyses.

3.1.3. For the present study alone, a total of 70.26 km of survey effort was collected from 10:58 to 16:47 (i.e. 5 hours and 49 minutes of survey time) on January 18th, with 100% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility) (Appendix II). The total survey effort conducted on primary and secondary lines were 53.50 km and 16.76 km respectively.

3.1.4. For the combined monitoring dataset from both the present study and AFCD monitoring study, a total of 127.22 km of survey effort was collected SWL waters in January 2016.

3.1.5. During this month, six groups of 28 Chinese White Dolphins were sighted from the present study's survey and both AFCD monitoring surveys conducted in SWL survey area (Appendix III). All six dolphin groups were sighted during on-effort search, and four of them were made on primary lines. None of these dolphin groups was associated with any operating fishing vessel.

3.1.6. Notably, four groups of 11 finless porpoises were also sighted in SWL survey area during this monitoring month.

3.1.7. Distribution of dolphin sightings made in January 2016 is shown in Figure 3. These dolphin groups were scattered along the coast between Fan Lau to Shek Pik as well as between Shek Pik and Siu A Chau (Figure 3).

3.1.8. Encounter rates of Chinese White Dolphins deduced from the survey effort and on-effort sighting data made under favourable conditions (Beaufort 3 or below) in January 2016 are shown in Table 2. Comparison of encounter rates was also made to the one deduced in winter months (December-February) in the past decade (2005-14) (Table 2).

Table 2. Overall dolphin encounter rates (sightings per 100 km of survey effort) from the present monitoring survey and combined database with AFCD monitoring survey conducted in January 2016 (primary lines only, as well as both primary lines and secondary lines were used) in SWL survey area in comparison to the ones deduced during winter months (December-February 2005-14) in the past decade

	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)	
	Primary Lines Only	Both Primary and Secondary Lines	Primary Lines Only	Both Primary and Secondary Lines
HYD-HZMB data (January 2016)	5.61	5.69	35.51	28.47
Combined data (January 2016)	4.42	4.72	24.29	22.01
Historical Data (Winter 2005-14)		3.32		10.88

3.1.9. From the combined data of HYD-HZMB and AFCD monitoring surveys, the overall encounter rates based on the number of dolphin sightings (ER(STG)) and the total number of dolphins (ER(ANI)) deduced in January 2016 in SWL waters were both higher than the ones deduced from the historical data during the winter months of 2004-15 (Table 2).

3.1.10. The average group size of Chinese White Dolphins in January 2016 was 4.7 animals per group, which was higher than the average group size in winter months of 2005-14 (3.3). Half of the dolphin groups were small with only 1-3 animals per group, but there were two groups with moderate group sizes and one large group of 12 dolphins sighted near Fan Lau.

3.2. Photo-identification Work

3.2.1. Attempts were made to photograph the dolphins sighted during all surveys conducted in January 2016.

3.2.2. Among the 28 dolphins sighted during this month's surveys, 14 individual dolphins were identified and re-sighted 14 times in total (Appendices IV and V). One of these individuals (WL200) was accompanied by her young calf.

3.2.3. The locations where most individuals being re-sighted were well within their past home ranges in SWL and WL waters, with a few exceptions. In the past, several individuals (NL49, NL165, NL260 and WL46) were primarily sighted in North Lantau waters, but have shown up in SWL survey area during this month's surveys. Moreover, five individuals (NL212, NL260, WL200, WL237 and WL265) appeared in SWL waters for

the first time during this monitoring month, and their continuous occurrence in this survey area as an extended part of their home ranges should be continuously monitored.

4. References

Buckland, S. T., Anderson, D. R., Burnham, K. P., Laake, J. L., Borchers, D. L., and Thomas, L. 2001. Introduction to distance sampling: estimating abundance of biological populations. Oxford University Press, London.

Hung, S. K. 2014. Monitoring of Marine Mammals in Hong Kong waters: final report (2013-14). An unpublished report submitted to the Agriculture, Fisheries and Conservation Department, 231 pp.

Jefferson, T. A. 2000. Population biology of the Indo-Pacific hump-backed dolphin in Hong Kong waters. Wildlife Monographs 144:1-65.

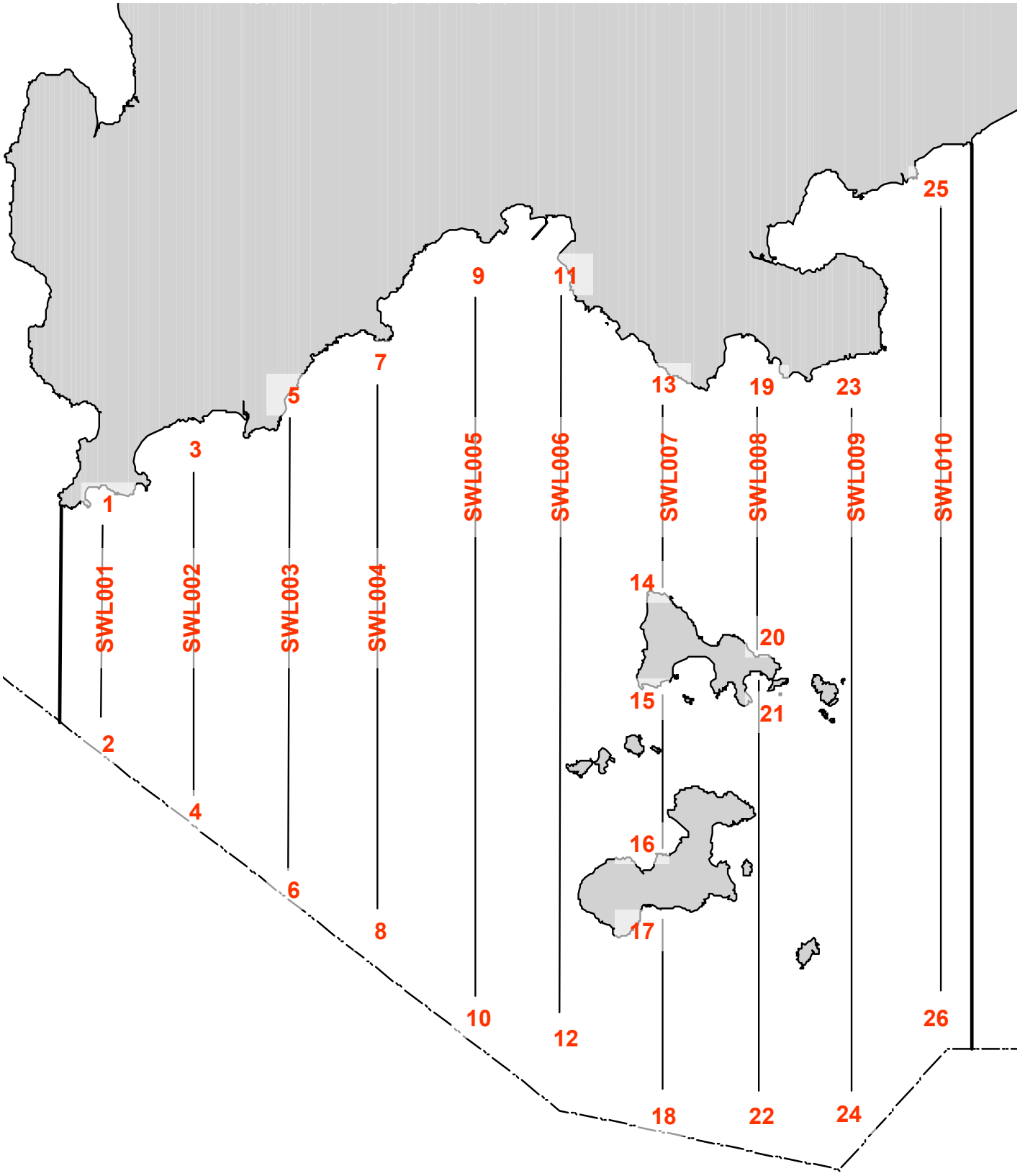

Figure 1. Survey Lines and associated coordinates in Southwest Lantau survey area

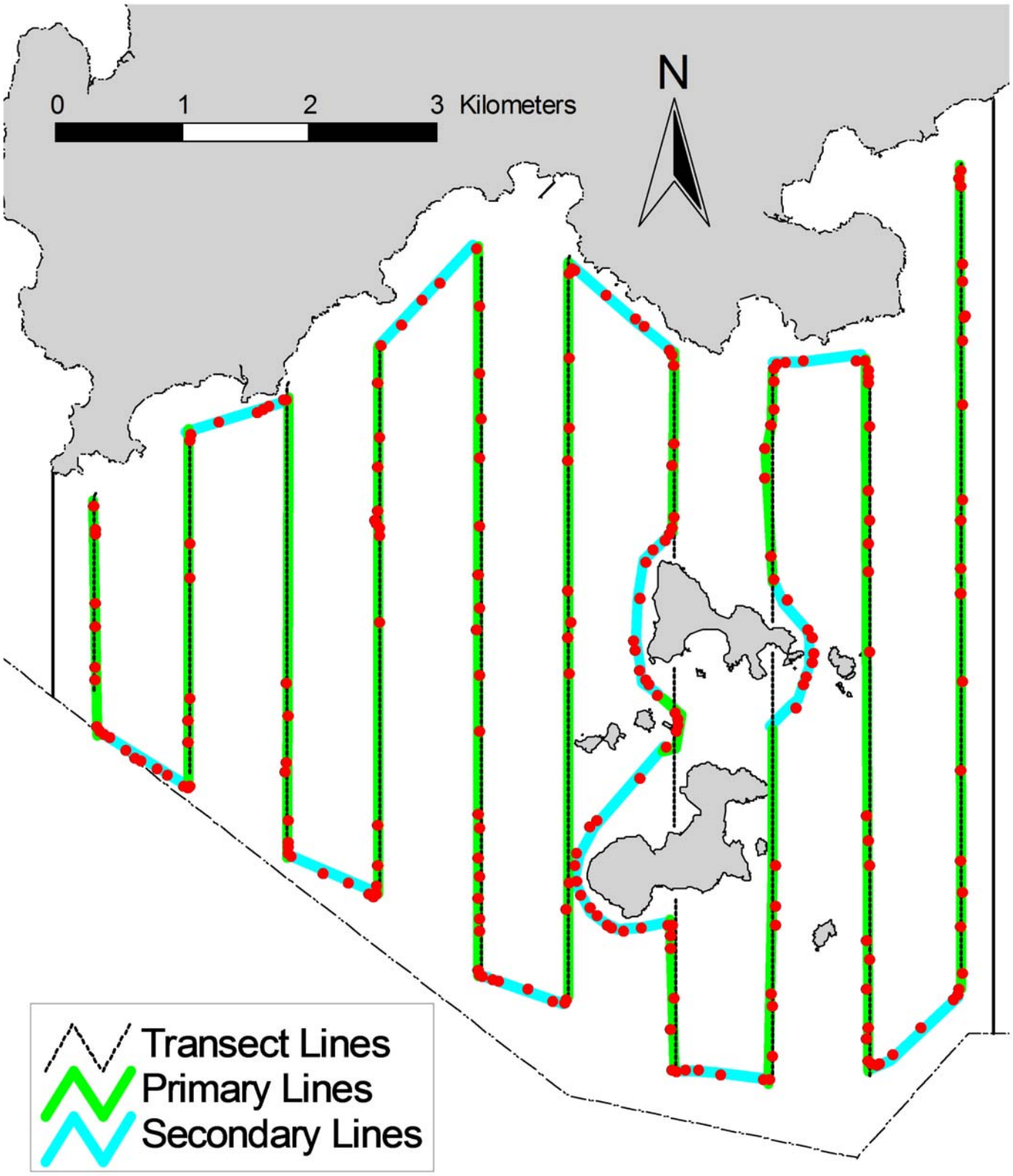

Figure 2. Survey Route on January 18th, 2016 (note: red dots represent the tracked positions of survey boat logged continuously by GPS throughout the course of the survey)

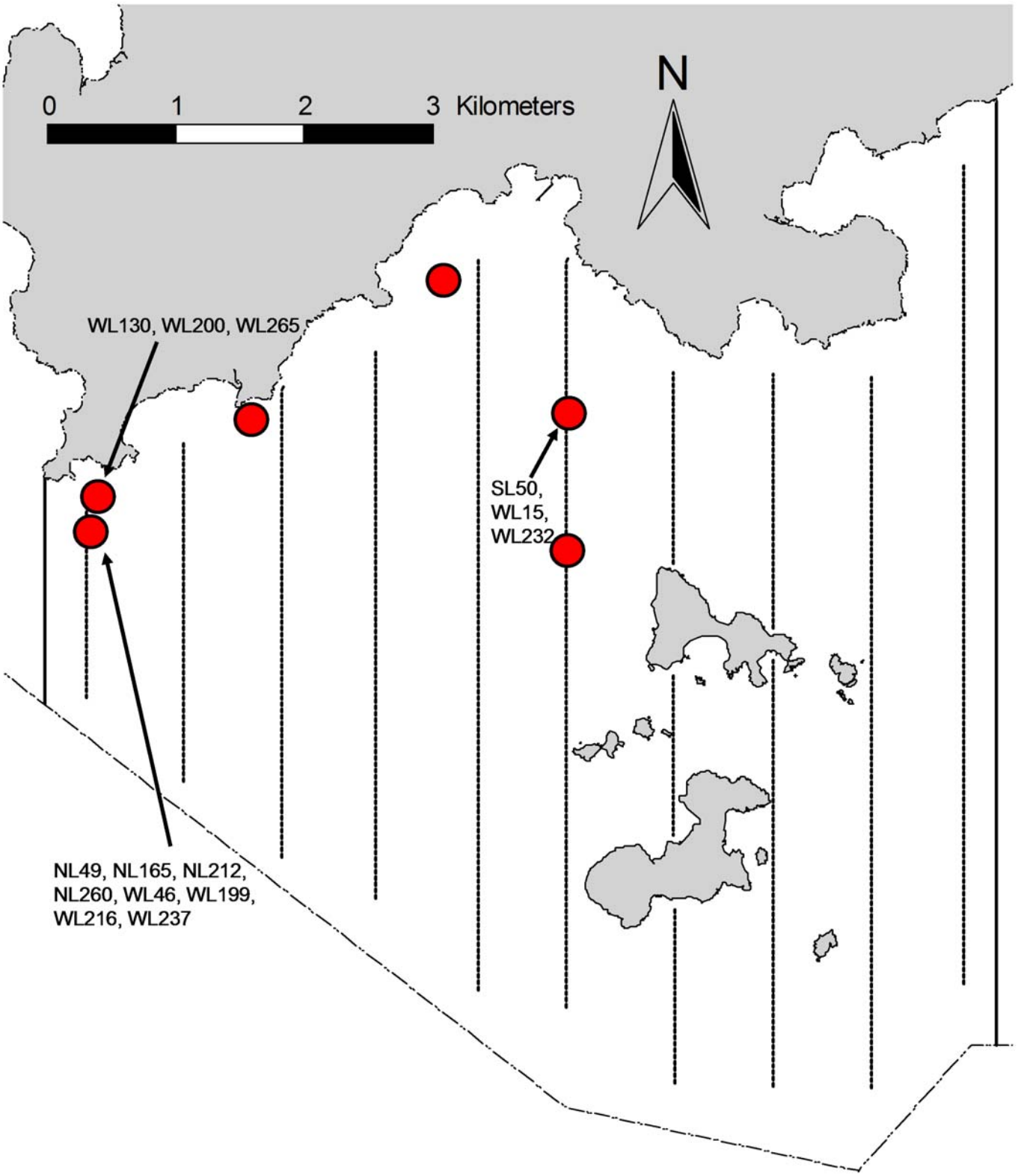

Figure 3. Distribution of Chinese White Dolphin sightings during January 2016 monitoring surveys in Southwest Lantau survey area, with identified individuals indicated for their corresponding sightings (red dot: HYD-HZMB sighting; yellow dot: AFCD sighting)

Appendix I. Track Log of Southwest Lantau Survey on Jan. 18th, 2016

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 10:58	ON	N22.19264 E113.84927			
18/1/2016 10:58	ON	N22.19219 E113.84933	51 m	0:00:13	14 kph
18/1/2016 10:59	ON	N22.19165 E113.84943	61 m	0:00:15	15 kph
18/1/2016 10:59	ON	N22.19128 E113.84948	42 m	0:00:13	12 kph
18/1/2016 10:59	OFF	N22.19100 E113.84952	31 m	0:00:14	8 kph
18/1/2016 10:59	OFF	N22.19080 E113.84956	23 m	0:00:15	6 kph
18/1/2016 11:00	OFF	N22.19068 E113.84959	13 m	0:00:10	5 kph
18/1/2016 11:00	OFF	N22.19053 E113.84962	17 m	0:00:16	4 kph
18/1/2016 11:00	OFF	N22.19040 E113.84964	14 m	0:00:15	3 kph
18/1/2016 11:00	OFF	N22.19029 E113.84965	13 m	0:00:13	3 kph
18/1/2016 11:01	OFF	N22.19019 E113.84965	11 m	0:00:12	3 kph
18/1/2016 11:01	OFF	N22.19011 E113.84966	9 m	0:00:11	3 kph
18/1/2016 11:01	OFF	N22.18993 E113.84965	20 m	0:00:14	5 kph
18/1/2016 11:01	OFF	N22.18970 E113.84944	34 m	0:00:13	9 kph
18/1/2016 11:01	OFF	N22.18975 E113.84918	28 m	0:00:12	8 kph
18/1/2016 11:02	OFF	N22.19002 E113.84908	32 m	0:00:16	7 kph
18/1/2016 11:02	OFF	N22.19028 E113.84910	28 m	0:00:16	6 kph
18/1/2016 11:02	OFF	N22.19032 E113.84911	6 m	0:00:05	4 kph
18/1/2016 11:02	OFF	N22.19041 E113.84911	9 m	0:00:10	3 kph
18/1/2016 11:02	OFF	N22.19047 E113.84911	7 m	0:00:12	2 kph
18/1/2016 11:03	OFF	N22.19051 E113.84912	4 m	0:00:16	1.0 kph
18/1/2016 11:03	OFF	N22.19053 E113.84912	2 m	0:00:12	0.7 kph
18/1/2016 11:03	OFF	N22.19054 E113.84912	1 m	0:00:17	0.2 kph
18/1/2016 11:03	OFF	N22.19054 E113.84912	1 m	0:00:14	0.2 kph
18/1/2016 11:04	OFF	N22.19054 E113.84913	0 m	0:00:12	0.1 kph
18/1/2016 11:04	OFF	N22.19053 E113.84913	1 m	0:00:16	0.1 kph
18/1/2016 11:04	OFF	N22.19052 E113.84913	1 m	0:00:13	0.3 kph
18/1/2016 11:04	OFF	N22.19050 E113.84914	3 m	0:00:11	0.9 kph
18/1/2016 11:04	OFF	N22.19048 E113.84914	2 m	0:00:07	1.3 kph
18/1/2016 11:04	OFF	N22.19049 E113.84917	3 m	0:00:10	1.1 kph
18/1/2016 11:05	OFF	N22.19056 E113.84920	9 m	0:00:06	5 kph
18/1/2016 11:05	OFF	N22.19083 E113.84908	33 m	0:00:13	9 kph
18/1/2016 11:05	OFF	N22.19115 E113.84864	57 m	0:00:16	13 kph
18/1/2016 11:05	OFF	N22.19157 E113.84802	79 m	0:00:21	14 kph
18/1/2016 11:06	OFF	N22.19192 E113.84756	61 m	0:00:16	14 kph
18/1/2016 11:06	OFF	N22.19223 E113.84715	55 m	0:00:16	12 kph
18/1/2016 11:06	OFF	N22.19241 E113.84687	35 m	0:00:18	7 kph
18/1/2016 11:07	OFF	N22.19253 E113.84663	29 m	0:00:17	6 kph
18/1/2016 11:07	OFF	N22.19281 E113.84648	34 m	0:00:15	8 kph
18/1/2016 11:07	OFF	N22.19306 E113.84642	29 m	0:00:14	7 kph
18/1/2016 11:07	OFF	N22.19309 E113.84640	4 m	0:00:02	7 kph
18/1/2016 11:07	OFF	N22.19325 E113.84633	19 m	0:00:11	6 kph
18/1/2016 11:07	OFF	N22.19328 E113.84630	5 m	0:00:03	6 kph
18/1/2016 11:08	OFF	N22.19341 E113.84619	18 m	0:00:16	4 kph
18/1/2016 11:08	OFF	N22.19346 E113.84610	11 m	0:00:15	3 kph
18/1/2016 11:08	OFF	N22.19348 E113.84601	10 m	0:00:15	2 kph
18/1/2016 11:08	OFF	N22.19349 E113.84597	4 m	0:00:04	3 kph
18/1/2016 11:08	OFF	N22.19353 E113.84578	20 m	0:00:18	4 kph
18/1/2016 11:09	OFF	N22.19354 E113.84563	16 m	0:00:18	3 kph
18/1/2016 11:09	OFF	N22.19354 E113.84558	5 m	0:00:05	4 kph
18/1/2016 11:09	OFF	N22.19355 E113.84554	4 m	0:00:04	4 kph
18/1/2016 11:09	OFF	N22.19360 E113.84536	19 m	0:00:18	4 kph
18/1/2016 11:09	OFF	N22.19361 E113.84526	10 m	0:00:14	3 kph
18/1/2016 11:10	OFF	N22.19360 E113.84517	10 m	0:00:14	3 kph
18/1/2016 11:10	OFF	N22.19357 E113.84508	9 m	0:00:15	2 kph
18/1/2016 11:10	OFF	N22.19354 E113.84501	8 m	0:00:16	2 kph
18/1/2016 11:10	OFF	N22.19354 E113.84499	3 m	0:00:04	2 kph
18/1/2016 11:10	OFF	N22.19353 E113.84484	15 m	0:00:10	5 kph
18/1/2016 11:10	OFF	N22.19355 E113.84479	6 m	0:00:03	7 kph
18/1/2016 11:11	OFF	N22.19363 E113.84470	12 m	0:00:08	6 kph
18/1/2016 11:11	OFF	N22.19371 E113.84470	9 m	0:00:08	4 kph
18/1/2016 11:11	OFF	N22.19375 E113.84474	7 m	0:00:07	3 kph
18/1/2016 11:11	OFF	N22.19376 E113.84475	2 m	0:00:02	3 kph
18/1/2016 11:11	OFF	N22.19380 E113.84484	10 m	0:00:09	4 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 11:11	OFF	N22.19385 E113.84492	10 m	0:00:08	5 kph
18/1/2016 11:11	OFF	N22.19392 E113.84502	13 m	0:00:10	5 kph
18/1/2016 11:12	OFF	N22.19400 E113.84518	18 m	0:00:13	5 kph
18/1/2016 11:12	OFF	N22.19401 E113.84524	6 m	0:00:04	6 kph
18/1/2016 11:12	OFF	N22.19407 E113.84556	34 m	0:00:18	7 kph
18/1/2016 11:12	OFF	N22.19411 E113.84575	20 m	0:00:11	7 kph
18/1/2016 11:12	OFF	N22.19417 E113.84601	28 m	0:00:14	7 kph
18/1/2016 11:13	OFF	N22.19426 E113.84640	41 m	0:00:21	7 kph
18/1/2016 11:13	OFF	N22.19431 E113.84679	41 m	0:00:19	8 kph
18/1/2016 11:13	OFF	N22.19436 E113.84717	39 m	0:00:16	9 kph
18/1/2016 11:13	OFF	N22.19441 E113.84755	40 m	0:00:16	9 kph
18/1/2016 11:14	OFF	N22.19450 E113.84805	53 m	0:00:18	11 kph
18/1/2016 11:14	OFF	N22.19454 E113.84865	61 m	0:00:18	12 kph
18/1/2016 11:14	OFF	N22.19450 E113.84908	45 m	0:00:14	12 kph
18/1/2016 11:15	OFF	N22.19418 E113.84923	38 m	0:00:12	12 kph
18/1/2016 11:15	OFF	N22.19361 E113.84922	64 m	0:00:16	14 kph
18/1/2016 11:15	OFF	N22.19315 E113.84925	51 m	0:00:13	14 kph
18/1/2016 11:15	OFF	N22.19260 E113.84918	62 m	0:00:15	15 kph
18/1/2016 11:16	OFF	N22.19200 E113.84927	67 m	0:00:17	14 kph
18/1/2016 11:16	ON	N22.19160 E113.84933	45 m	0:00:12	14 kph
18/1/2016 11:16	ON	N22.19114 E113.84938	51 m	0:00:13	14 kph
18/1/2016 11:16	ON	N22.19064 E113.84944	56 m	0:00:14	14 kph
18/1/2016 11:16	ON	N22.19009 E113.84949	62 m	0:00:15	15 kph
18/1/2016 11:17	ON	N22.18944 E113.84949	73 m	0:00:18	15 kph
18/1/2016 11:17	ON	N22.18894 E113.84950	56 m	0:00:14	14 kph
18/1/2016 11:17	ON	N22.18836 E113.84949	64 m	0:00:16	14 kph
18/1/2016 11:18	ON	N22.18779 E113.84953	63 m	0:00:16	14 kph
18/1/2016 11:18	ON	N22.18727 E113.84954	58 m	0:00:15	14 kph
18/1/2016 11:18	ON	N22.18676 E113.84953	56 m	0:00:14	14 kph
18/1/2016 11:18	ON	N22.18623 E113.84950	60 m	0:00:15	14 kph
18/1/2016 11:19	ON	N22.18567 E113.84945	63 m	0:00:16	14 kph
18/1/2016 11:19	ON	N22.18514 E113.84944	59 m	0:00:15	14 kph
18/1/2016 11:19	ON	N22.18461 E113.84947	59 m	0:00:15	14 kph
18/1/2016 11:19	ON	N22.18406 E113.84952	61 m	0:00:16	14 kph
18/1/2016 11:20	ON	N22.18352 E113.84951	59 m	0:00:15	14 kph
18/1/2016 11:20	ON	N22.18303 E113.84946	55 m	0:00:14	14 kph
18/1/2016 11:20	ON	N22.18253 E113.84942	56 m	0:00:14	14 kph
18/1/2016 11:20	ON	N22.18195 E113.84940	65 m	0:00:16	15 kph
18/1/2016 11:21	ON	N22.18134 E113.84943	68 m	0:00:17	14 kph
18/1/2016 11:21	ON	N22.18069 E113.84946	73 m	0:00:18	15 kph
18/1/2016 11:21	ON	N22.18011 E113.84942	64 m	0:00:16	14 kph
18/1/2016 11:21	ON	N22.17960 E113.84943	57 m	0:00:15	14 kph
18/1/2016 11:22	ON	N22.17901 E113.84944	66 m	0:00:16	15 kph
18/1/2016 11:22	ON	N22.17840 E113.84943	68 m	0:00:17	14 kph
18/1/2016 11:22	ON	N22.17775 E113.84946	72 m	0:00:18	14 kph
18/1/2016 11:22	ON	N22.17715 E113.84950	67 m	0:00:17	14 kph
18/1/2016 11:23	ON	N22.17654 E113.84952	68 m	0:00:17	14 kph
18/1/2016 11:23	ON	N22.17596 E113.84949	65 m	0:00:16	15 kph
18/1/2016 11:23	ON	N22.17539 E113.84952	63 m	0:00:16	14 kph
18/1/2016 11:24	ON	N22.17486 E113.84958	58 m	0:00:15	14 kph
18/1/2016 11:24	ON	N22.17429 E113.84958	64 m	0:00:16	14 kph
18/1/2016 11:24	ON	N22.17375 E113.84957	59 m	0:00:15	14 kph
18/1/2016 11:24	ON	N22.17312 E113.84964	71 m	0:00:18	14 kph
18/1/2016 11:25	ON	N22.17272 E113.84988	51 m	0:00:14	13 kph
18/1/2016 11:25	ON	N22.17240 E113.85039	63 m	0:00:17	13 kph
18/1/2016 11:25	ON	N22.17206 E113.85097	71 m	0:00:19	13 kph
18/1/2016 11:26	ON	N22.17168 E113.85158	76 m	0:00:20	14 kph
18/1/2016 11:26	ON	N22.17139 E113.85207	61 m	0:00:16	14 kph
18/1/2016 11:26	ON	N22.17113 E113.85259	60 m	0:00:16	14 kph
18/1/2016 11:26	ON	N22.17079 E113.85303	59 m	0:00:16	13 kph
18/1/2016 11:27	ON	N22.17041 E113.85350	64 m	0:00:17	14 kph
18/1/2016 11:27	ON	N22.17007 E113.85406	69 m	0:00:18	14 kph
18/1/2016 11:27	ON	N22.16979 E113.85468	71 m	0:00:19	13 kph
18/1/2016 11:28	ON	N22.16959 E113.85526	63 m	0:00:17	13 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 11:28	ON	N22.16940 E113.85584	63 m	0:00:17	13 kph
18/1/2016 11:28	ON	N22.16917 E113.85627	52 m	0:00:14	13 kph
18/1/2016 11:28	ON	N22.16885 E113.85682	67 m	0:00:18	13 kph
18/1/2016 11:29	ON	N22.16843 E113.85748	83 m	0:00:22	14 kph
18/1/2016 11:29	ON	N22.16817 E113.85790	52 m	0:00:14	13 kph
18/1/2016 11:29	ON	N22.16784 E113.85841	64 m	0:00:17	14 kph
18/1/2016 11:29	ON	N22.16769 E113.85884	48 m	0:00:14	12 kph
18/1/2016 11:30	ON	N22.16793 E113.85904	34 m	0:00:12	10 kph
18/1/2016 11:30	ON	N22.16844 E113.85904	56 m	0:00:16	13 kph
18/1/2016 11:30	ON	N22.16893 E113.85898	55 m	0:00:15	13 kph
18/1/2016 11:30	ON	N22.16943 E113.85899	56 m	0:00:15	13 kph
18/1/2016 11:31	ON	N22.16995 E113.85897	58 m	0:00:15	14 kph
18/1/2016 11:31	ON	N22.17058 E113.85889	70 m	0:00:18	14 kph
18/1/2016 11:31	ON	N22.17117 E113.85887	66 m	0:00:17	14 kph
18/1/2016 11:32	ON	N22.17172 E113.85892	62 m	0:00:16	14 kph
18/1/2016 11:32	ON	N22.17223 E113.85894	57 m	0:00:15	14 kph
18/1/2016 11:32	ON	N22.17260 E113.85892	41 m	0:00:11	14 kph
18/1/2016 11:32	ON	N22.17314 E113.85885	61 m	0:00:16	14 kph
18/1/2016 11:32	ON	N22.17366 E113.85884	58 m	0:00:15	14 kph
18/1/2016 11:33	ON	N22.17410 E113.85889	50 m	0:00:13	14 kph
18/1/2016 11:33	ON	N22.17462 E113.85892	57 m	0:00:15	14 kph
18/1/2016 11:33	ON	N22.17514 E113.85894	58 m	0:00:15	14 kph
18/1/2016 11:33	ON	N22.17562 E113.85899	54 m	0:00:14	14 kph
18/1/2016 11:34	ON	N22.17607 E113.85897	50 m	0:00:13	14 kph
18/1/2016 11:34	ON	N22.17659 E113.85898	58 m	0:00:15	14 kph
18/1/2016 11:34	ON	N22.17726 E113.85901	74 m	0:00:19	14 kph
18/1/2016 11:34	ON	N22.17779 E113.85899	59 m	0:00:15	14 kph
18/1/2016 11:35	ON	N22.17838 E113.85900	66 m	0:00:17	14 kph
18/1/2016 11:35	ON	N22.17894 E113.85901	63 m	0:00:16	14 kph
18/1/2016 11:35	ON	N22.17957 E113.85900	70 m	0:00:18	14 kph
18/1/2016 11:36	ON	N22.18009 E113.85897	59 m	0:00:15	14 kph
18/1/2016 11:36	ON	N22.18061 E113.85894	58 m	0:00:15	14 kph
18/1/2016 11:36	ON	N22.18107 E113.85892	51 m	0:00:13	14 kph
18/1/2016 11:36	ON	N22.18159 E113.85894	59 m	0:00:15	14 kph
18/1/2016 11:37	ON	N22.18223 E113.85892	71 m	0:00:18	14 kph
18/1/2016 11:37	ON	N22.18268 E113.85892	50 m	0:00:13	14 kph
18/1/2016 11:37	ON	N22.18309 E113.85896	46 m	0:00:12	14 kph
18/1/2016 11:37	ON	N22.18359 E113.85896	55 m	0:00:14	14 kph
18/1/2016 11:38	ON	N22.18425 E113.85896	74 m	0:00:19	14 kph
18/1/2016 11:38	ON	N22.18485 E113.85900	66 m	0:00:17	14 kph
18/1/2016 11:38	ON	N22.18537 E113.85900	58 m	0:00:15	14 kph
18/1/2016 11:38	ON	N22.18575 E113.85900	43 m	0:00:11	14 kph
18/1/2016 11:39	ON	N22.18627 E113.85900	58 m	0:00:15	14 kph
18/1/2016 11:39	ON	N22.18676 E113.85897	55 m	0:00:14	14 kph
18/1/2016 11:39	ON	N22.18736 E113.85894	66 m	0:00:17	14 kph
18/1/2016 11:39	ON	N22.18802 E113.85894	74 m	0:00:19	14 kph
18/1/2016 11:40	ON	N22.18844 E113.85892	47 m	0:00:12	14 kph
18/1/2016 11:40	ON	N22.18893 E113.85887	54 m	0:00:14	14 kph
18/1/2016 11:40	ON	N22.18934 E113.85885	46 m	0:00:12	14 kph
18/1/2016 11:40	ON	N22.18999 E113.85888	72 m	0:00:19	14 kph
18/1/2016 11:41	ON	N22.19050 E113.85891	57 m	0:00:15	14 kph
18/1/2016 11:41	ON	N22.19105 E113.85891	61 m	0:00:16	14 kph
18/1/2016 11:41	ON	N22.19166 E113.85893	68 m	0:00:18	14 kph
18/1/2016 11:42	ON	N22.19251 E113.85898	94 m	0:00:25	14 kph
18/1/2016 11:42	ON	N22.19298 E113.85897	53 m	0:00:14	14 kph
18/1/2016 11:42	ON	N22.19365 E113.85892	75 m	0:00:20	14 kph
18/1/2016 11:42	ON	N22.19432 E113.85894	74 m	0:00:20	13 kph
18/1/2016 11:43	ON	N22.19515 E113.85897	92 m	0:00:25	13 kph
18/1/2016 11:43	ON	N22.19578 E113.85893	71 m	0:00:19	13 kph
18/1/2016 11:43	ON	N22.19645 E113.85892	74 m	0:00:20	13 kph
18/1/2016 11:44	ON	N22.19712 E113.85891	75 m	0:00:20	13 kph
18/1/2016 11:44	ON	N22.19775 E113.85888	70 m	0:00:19	13 kph
18/1/2016 11:45	ON	N22.19850 E113.85896	83 m	0:00:23	13 kph
18/1/2016 11:45	ON	N22.19900 E113.85912	58 m	0:00:17	12 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 11:45	ON	N22.19902 E113.85914	3 m	0:00:01	12 kph
18/1/2016 11:45	ON	N22.19914 E113.85936	27 m	0:00:09	11 kph
18/1/2016 11:45	ON	N22.19916 E113.85948	13 m	0:00:04	11 kph
18/1/2016 11:45	ON	N22.19927 E113.85992	47 m	0:00:14	12 kph
18/1/2016 11:45	ON	N22.19941 E113.86032	43 m	0:00:13	12 kph
18/1/2016 11:46	ON	N22.19964 E113.86084	61 m	0:00:18	12 kph
18/1/2016 11:46	ON	N22.19991 E113.86143	67 m	0:00:20	12 kph
18/1/2016 11:46	ON	N22.20011 E113.86194	57 m	0:00:17	12 kph
18/1/2016 11:47	ON	N22.20023 E113.86248	57 m	0:00:17	12 kph
18/1/2016 11:47	ON	N22.20039 E113.86321	77 m	0:00:23	12 kph
18/1/2016 11:47	ON	N22.20055 E113.86384	68 m	0:00:20	12 kph
18/1/2016 11:48	ON	N22.20062 E113.86432	50 m	0:00:15	12 kph
18/1/2016 11:48	ON	N22.20070 E113.86483	53 m	0:00:16	12 kph
18/1/2016 11:48	ON	N22.20080 E113.86533	53 m	0:00:16	12 kph
18/1/2016 11:48	ON	N22.20086 E113.86565	33 m	0:00:16	7 kph
18/1/2016 11:49	ON	N22.20090 E113.86581	18 m	0:00:17	4 kph
18/1/2016 11:49	OFF	N22.20095 E113.86590	11 m	0:00:20	2 kph
18/1/2016 11:49	OFF	N22.20096 E113.86592	1 m	0:00:19	0.3 kph
18/1/2016 11:50	OFF	N22.20097 E113.86592	1 m	0:00:16	0.3 kph
18/1/2016 11:50	OFF	N22.20097 E113.86592	1 m	0:00:16	0.1 kph
18/1/2016 11:50	OFF	N22.20098 E113.86592	1 m	0:00:15	0.1 kph
18/1/2016 11:50	OFF	N22.20098 E113.86591	1 m	0:00:13	0.3 kph
18/1/2016 11:50	OFF	N22.20099 E113.86592	1 m	0:00:02	2 kph
18/1/2016 11:51	OFF	N22.20103 E113.86598	8 m	0:00:05	6 kph
18/1/2016 11:51	ON	N22.20120 E113.86636	43 m	0:00:16	10 kph
18/1/2016 11:51	ON	N22.20145 E113.86695	68 m	0:00:21	12 kph
18/1/2016 11:51	ON	N22.20168 E113.86755	67 m	0:00:20	12 kph
18/1/2016 11:52	ON	N22.20187 E113.86804	55 m	0:00:17	12 kph
18/1/2016 11:52	ON	N22.20207 E113.86844	46 m	0:00:14	12 kph
18/1/2016 11:52	ON	N22.20205 E113.86877	34 m	0:00:13	9 kph
18/1/2016 11:52	ON	N22.20167 E113.86883	42 m	0:00:13	12 kph
18/1/2016 11:53	ON	N22.20101 E113.86878	74 m	0:00:18	15 kph
18/1/2016 11:53	ON	N22.20030 E113.86877	79 m	0:00:19	15 kph
18/1/2016 11:53	ON	N22.19967 E113.86876	71 m	0:00:17	15 kph
18/1/2016 11:54	ON	N22.19915 E113.86877	57 m	0:00:14	15 kph
18/1/2016 11:54	ON	N22.19852 E113.86875	71 m	0:00:17	15 kph
18/1/2016 11:54	ON	N22.19797 E113.86874	62 m	0:00:15	15 kph
18/1/2016 11:54	ON	N22.19746 E113.86875	57 m	0:00:14	15 kph
18/1/2016 11:55	ON	N22.19698 E113.86877	53 m	0:00:13	15 kph
18/1/2016 11:55	ON	N22.19644 E113.86878	61 m	0:00:15	15 kph
18/1/2016 11:55	ON	N22.19573 E113.86883	80 m	0:00:20	14 kph
18/1/2016 11:55	ON	N22.19523 E113.86886	55 m	0:00:14	14 kph
18/1/2016 11:56	ON	N22.19458 E113.86884	72 m	0:00:18	14 kph
18/1/2016 11:56	ON	N22.19405 E113.86884	60 m	0:00:15	14 kph
18/1/2016 11:56	ON	N22.19340 E113.86880	73 m	0:00:18	15 kph
18/1/2016 11:56	ON	N22.19278 E113.86879	69 m	0:00:17	15 kph
18/1/2016 11:57	ON	N22.19220 E113.86882	64 m	0:00:16	14 kph
18/1/2016 11:57	ON	N22.19164 E113.86882	63 m	0:00:16	14 kph
18/1/2016 11:57	ON	N22.19096 E113.86877	76 m	0:00:19	14 kph
18/1/2016 11:58	ON	N22.19038 E113.86876	64 m	0:00:16	14 kph
18/1/2016 11:58	ON	N22.18981 E113.86878	64 m	0:00:16	14 kph
18/1/2016 11:58	ON	N22.18925 E113.86882	63 m	0:00:16	14 kph
18/1/2016 11:58	ON	N22.18872 E113.86886	59 m	0:00:15	14 kph
18/1/2016 11:59	ON	N22.18809 E113.86886	70 m	0:00:18	14 kph
18/1/2016 11:59	ON	N22.18746 E113.86881	71 m	0:00:18	14 kph
18/1/2016 11:59	ON	N22.18689 E113.86877	63 m	0:00:16	14 kph
18/1/2016 11:59	ON	N22.18636 E113.86878	59 m	0:00:15	14 kph
18/1/2016 12:00	ON	N22.18602 E113.86880	39 m	0:00:10	14 kph
18/1/2016 12:00	ON	N22.18548 E113.86884	59 m	0:00:15	14 kph
18/1/2016 12:00	ON	N22.18487 E113.86879	68 m	0:00:17	14 kph
18/1/2016 12:00	ON	N22.18430 E113.86877	63 m	0:00:16	14 kph
18/1/2016 12:01	ON	N22.18361 E113.86880	77 m	0:00:20	14 kph
18/1/2016 12:01	ON	N22.18298 E113.86878	70 m	0:00:18	14 kph
18/1/2016 12:01	ON	N22.18235 E113.86881	70 m	0:00:18	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 12:02	ON	N22.18186 E113.86882	54 m	0:00:14	14 kph
18/1/2016 12:02	ON	N22.18130 E113.86881	62 m	0:00:16	14 kph
18/1/2016 12:02	ON	N22.18075 E113.86883	61 m	0:00:16	14 kph
18/1/2016 12:02	ON	N22.18017 E113.86886	65 m	0:00:17	14 kph
18/1/2016 12:03	ON	N22.17952 E113.86886	72 m	0:00:19	14 kph
18/1/2016 12:03	ON	N22.17887 E113.86885	72 m	0:00:19	14 kph
18/1/2016 12:03	ON	N22.17815 E113.86883	81 m	0:00:21	14 kph
18/1/2016 12:04	ON	N22.17760 E113.86882	60 m	0:00:16	14 kph
18/1/2016 12:04	ON	N22.17702 E113.86880	65 m	0:00:17	14 kph
18/1/2016 12:04	ON	N22.17653 E113.86883	55 m	0:00:15	13 kph
18/1/2016 12:05	ON	N22.17586 E113.86889	74 m	0:00:20	13 kph
18/1/2016 12:05	ON	N22.17523 E113.86890	70 m	0:00:19	13 kph
18/1/2016 12:05	ON	N22.17474 E113.86891	55 m	0:00:15	13 kph
18/1/2016 12:05	ON	N22.17411 E113.86895	70 m	0:00:19	13 kph
18/1/2016 12:06	ON	N22.17347 E113.86889	71 m	0:00:19	13 kph
18/1/2016 12:06	ON	N22.17297 E113.86884	56 m	0:00:15	13 kph
18/1/2016 12:06	ON	N22.17238 E113.86888	66 m	0:00:18	13 kph
18/1/2016 12:07	ON	N22.17189 E113.86888	55 m	0:00:15	13 kph
18/1/2016 12:07	ON	N22.17142 E113.86881	53 m	0:00:14	14 kph
18/1/2016 12:07	ON	N22.17086 E113.86878	62 m	0:00:17	13 kph
18/1/2016 12:07	ON	N22.17023 E113.86881	70 m	0:00:19	13 kph
18/1/2016 12:08	ON	N22.16987 E113.86877	41 m	0:00:11	13 kph
18/1/2016 12:08	ON	N22.16943 E113.86870	49 m	0:00:13	14 kph
18/1/2016 12:08	ON	N22.16910 E113.86868	37 m	0:00:10	13 kph
18/1/2016 12:08	ON	N22.16866 E113.86869	49 m	0:00:13	13 kph
18/1/2016 12:08	ON	N22.16817 E113.86877	55 m	0:00:15	13 kph
18/1/2016 12:09	ON	N22.16766 E113.86882	58 m	0:00:16	13 kph
18/1/2016 12:09	ON	N22.16709 E113.86875	63 m	0:00:17	13 kph
18/1/2016 12:09	ON	N22.16671 E113.86878	42 m	0:00:12	13 kph
18/1/2016 12:09	ON	N22.16619 E113.86884	58 m	0:00:16	13 kph
18/1/2016 12:10	ON	N22.16573 E113.86886	52 m	0:00:14	13 kph
18/1/2016 12:10	ON	N22.16524 E113.86890	55 m	0:00:15	13 kph
18/1/2016 12:10	ON	N22.16478 E113.86892	51 m	0:00:14	13 kph
18/1/2016 12:10	ON	N22.16435 E113.86892	48 m	0:00:13	13 kph
18/1/2016 12:11	ON	N22.16389 E113.86892	52 m	0:00:14	13 kph
18/1/2016 12:11	ON	N22.16342 E113.86889	52 m	0:00:14	13 kph
18/1/2016 12:11	ON	N22.16294 E113.86885	53 m	0:00:14	14 kph
18/1/2016 12:11	ON	N22.16248 E113.86885	52 m	0:00:14	13 kph
18/1/2016 12:12	ON	N22.16199 E113.86891	54 m	0:00:15	13 kph
18/1/2016 12:12	ON	N22.16171 E113.86916	41 m	0:00:13	11 kph
18/1/2016 12:12	ON	N22.16153 E113.86956	46 m	0:00:14	12 kph
18/1/2016 12:12	ON	N22.16141 E113.86994	41 m	0:00:12	12 kph
18/1/2016 12:12	ON	N22.16125 E113.87036	47 m	0:00:14	12 kph
18/1/2016 12:13	ON	N22.16105 E113.87078	49 m	0:00:14	13 kph
18/1/2016 12:13	ON	N22.16084 E113.87118	47 m	0:00:14	12 kph
18/1/2016 12:13	ON	N22.16059 E113.87167	58 m	0:00:17	12 kph
18/1/2016 12:13	ON	N22.16040 E113.87208	48 m	0:00:14	12 kph
18/1/2016 12:14	ON	N22.16021 E113.87255	53 m	0:00:15	13 kph
18/1/2016 12:14	ON	N22.16005 E113.87297	47 m	0:00:14	12 kph
18/1/2016 12:14	ON	N22.15985 E113.87348	57 m	0:00:17	12 kph
18/1/2016 12:14	ON	N22.15968 E113.87397	55 m	0:00:16	12 kph
18/1/2016 12:15	ON	N22.15956 E113.87435	41 m	0:00:12	12 kph
18/1/2016 12:15	ON	N22.15943 E113.87473	41 m	0:00:12	12 kph
18/1/2016 12:15	ON	N22.15929 E113.87510	41 m	0:00:12	12 kph
18/1/2016 12:15	ON	N22.15914 E113.87546	41 m	0:00:12	12 kph
18/1/2016 12:16	ON	N22.15892 E113.87597	58 m	0:00:17	12 kph
18/1/2016 12:16	ON	N22.15875 E113.87632	40 m	0:00:12	12 kph
18/1/2016 12:16	ON	N22.15855 E113.87673	48 m	0:00:14	12 kph
18/1/2016 12:16	ON	N22.15830 E113.87722	58 m	0:00:17	12 kph
18/1/2016 12:16	ON	N22.15810 E113.87763	47 m	0:00:14	12 kph
18/1/2016 12:17	ON	N22.15813 E113.87774	12 m	0:00:04	11 kph
18/1/2016 12:17	ON	N22.15843 E113.87792	38 m	0:00:13	11 kph
18/1/2016 12:17	ON	N22.15900 E113.87788	63 m	0:00:16	14 kph
18/1/2016 12:17	ON	N22.15946 E113.87789	52 m	0:00:13	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 12:17	ON	N22.15982 E113.87792	40 m	0:00:10	15 kph
18/1/2016 12:18	ON	N22.16036 E113.87796	61 m	0:00:15	15 kph
18/1/2016 12:18	ON	N22.16083 E113.87801	52 m	0:00:13	14 kph
18/1/2016 12:18	ON	N22.16126 E113.87805	48 m	0:00:12	14 kph
18/1/2016 12:18	ON	N22.16174 E113.87804	53 m	0:00:13	15 kph
18/1/2016 12:19	ON	N22.16226 E113.87800	58 m	0:00:14	15 kph
18/1/2016 12:19	ON	N22.16270 E113.87801	50 m	0:00:12	15 kph
18/1/2016 12:19	ON	N22.16324 E113.87806	60 m	0:00:15	14 kph
18/1/2016 12:19	ON	N22.16375 E113.87811	57 m	0:00:14	15 kph
18/1/2016 12:20	ON	N22.16438 E113.87813	70 m	0:00:17	15 kph
18/1/2016 12:20	ON	N22.16497 E113.87812	66 m	0:00:16	15 kph
18/1/2016 12:20	ON	N22.16549 E113.87810	58 m	0:00:14	15 kph
18/1/2016 12:20	ON	N22.16604 E113.87808	61 m	0:00:15	15 kph
18/1/2016 12:21	ON	N22.16663 E113.87805	65 m	0:00:16	15 kph
18/1/2016 12:21	ON	N22.16719 E113.87805	62 m	0:00:15	15 kph
18/1/2016 12:21	ON	N22.16768 E113.87805	54 m	0:00:13	15 kph
18/1/2016 12:21	ON	N22.16804 E113.87806	41 m	0:00:10	15 kph
18/1/2016 12:21	ON	N22.16851 E113.87806	52 m	0:00:13	14 kph
18/1/2016 12:22	ON	N22.16897 E113.87805	52 m	0:00:13	14 kph
18/1/2016 12:22	ON	N22.16945 E113.87804	52 m	0:00:13	15 kph
18/1/2016 12:22	ON	N22.16981 E113.87804	41 m	0:00:10	15 kph
18/1/2016 12:22	ON	N22.17032 E113.87803	56 m	0:00:14	14 kph
18/1/2016 12:22	ON	N22.17079 E113.87806	53 m	0:00:13	15 kph
18/1/2016 12:23	ON	N22.17133 E113.87808	60 m	0:00:15	14 kph
18/1/2016 12:23	ON	N22.17177 E113.87808	49 m	0:00:12	15 kph
18/1/2016 12:23	ON	N22.17225 E113.87806	53 m	0:00:13	15 kph
18/1/2016 12:23	ON	N22.17262 E113.87806	41 m	0:00:10	15 kph
18/1/2016 12:23	ON	N22.17307 E113.87807	49 m	0:00:12	15 kph
18/1/2016 12:24	ON	N22.17358 E113.87810	58 m	0:00:14	15 kph
18/1/2016 12:24	ON	N22.17409 E113.87810	56 m	0:00:14	14 kph
18/1/2016 12:24	ON	N22.17452 E113.87809	49 m	0:00:12	15 kph
18/1/2016 12:24	ON	N22.17504 E113.87806	58 m	0:00:14	15 kph
18/1/2016 12:25	ON	N22.17566 E113.87803	69 m	0:00:17	15 kph
18/1/2016 12:25	ON	N22.17620 E113.87802	60 m	0:00:15	14 kph
18/1/2016 12:25	ON	N22.17677 E113.87806	64 m	0:00:16	14 kph
18/1/2016 12:25	ON	N22.17730 E113.87808	59 m	0:00:15	14 kph
18/1/2016 12:26	ON	N22.17787 E113.87808	64 m	0:00:16	14 kph
18/1/2016 12:26	ON	N22.17841 E113.87805	60 m	0:00:15	14 kph
18/1/2016 12:26	ON	N22.17899 E113.87802	65 m	0:00:16	15 kph
18/1/2016 12:26	ON	N22.17945 E113.87801	51 m	0:00:13	14 kph
18/1/2016 12:27	ON	N22.17998 E113.87804	59 m	0:00:15	14 kph
18/1/2016 12:27	ON	N22.18037 E113.87806	43 m	0:00:11	14 kph
18/1/2016 12:27	ON	N22.18082 E113.87807	51 m	0:00:13	14 kph
18/1/2016 12:27	ON	N22.18132 E113.87807	55 m	0:00:14	14 kph
18/1/2016 12:28	ON	N22.18192 E113.87807	67 m	0:00:17	14 kph
18/1/2016 12:28	ON	N22.18251 E113.87805	66 m	0:00:17	14 kph
18/1/2016 12:28	ON	N22.18318 E113.87804	74 m	0:00:19	14 kph
18/1/2016 12:28	ON	N22.18381 E113.87808	70 m	0:00:18	14 kph
18/1/2016 12:29	ON	N22.18447 E113.87810	74 m	0:00:19	14 kph
18/1/2016 12:29	ON	N22.18497 E113.87805	56 m	0:00:14	14 kph
18/1/2016 12:29	ON	N22.18552 E113.87807	61 m	0:00:16	14 kph
18/1/2016 12:30	ON	N22.18622 E113.87808	79 m	0:00:20	14 kph
18/1/2016 12:30	ON	N22.18685 E113.87808	70 m	0:00:18	14 kph
18/1/2016 12:30	ON	N22.18751 E113.87811	73 m	0:00:19	14 kph
18/1/2016 12:30	ON	N22.18796 E113.87812	51 m	0:00:13	14 kph
18/1/2016 12:31	ON	N22.18848 E113.87812	58 m	0:00:15	14 kph
18/1/2016 12:31	ON	N22.18917 E113.87810	77 m	0:00:20	14 kph
18/1/2016 12:31	ON	N22.18964 E113.87814	52 m	0:00:14	13 kph
18/1/2016 12:32	ON	N22.19012 E113.87817	53 m	0:00:14	14 kph
18/1/2016 12:32	ON	N22.19047 E113.87815	39 m	0:00:13	11 kph
18/1/2016 12:32	OFF	N22.19058 E113.87813	13 m	0:00:06	8 kph
18/1/2016 12:32	OFF	N22.19065 E113.87812	8 m	0:00:04	7 kph
18/1/2016 12:32	OFF	N22.19068 E113.87810	3 m	0:00:02	6 kph
18/1/2016 12:32	OFF	N22.19078 E113.87807	12 m	0:00:08	5 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 12:32	OFF	N22.19095 E113.87799	20 m	0:00:16	5 kph
18/1/2016 12:33	OFF	N22.19107 E113.87791	15 m	0:00:15	4 kph
18/1/2016 12:33	OFF	N22.19114 E113.87784	11 m	0:00:12	3 kph
18/1/2016 12:33	OFF	N22.19120 E113.87777	10 m	0:00:13	3 kph
18/1/2016 12:33	ON	N22.19138 E113.87770	21 m	0:00:12	6 kph
18/1/2016 12:33	ON	N22.19175 E113.87774	42 m	0:00:13	11 kph
18/1/2016 12:34	ON	N22.19230 E113.87787	62 m	0:00:17	13 kph
18/1/2016 12:34	ON	N22.19286 E113.87790	62 m	0:00:17	13 kph
18/1/2016 12:34	ON	N22.19332 E113.87793	52 m	0:00:14	13 kph
18/1/2016 12:34	ON	N22.19390 E113.87795	64 m	0:00:17	14 kph
18/1/2016 12:35	ON	N22.19447 E113.87800	64 m	0:00:17	14 kph
18/1/2016 12:35	ON	N22.19506 E113.87801	66 m	0:00:17	14 kph
18/1/2016 12:35	ON	N22.19557 E113.87798	57 m	0:00:15	14 kph
18/1/2016 12:36	ON	N22.19612 E113.87801	61 m	0:00:16	14 kph
18/1/2016 12:36	ON	N22.19674 E113.87803	69 m	0:00:18	14 kph
18/1/2016 12:36	ON	N22.19735 E113.87803	68 m	0:00:18	14 kph
18/1/2016 12:36	ON	N22.19798 E113.87807	69 m	0:00:18	14 kph
18/1/2016 12:37	ON	N22.19877 E113.87811	88 m	0:00:23	14 kph
18/1/2016 12:37	ON	N22.19933 E113.87811	63 m	0:00:17	13 kph
18/1/2016 12:37	ON	N22.19995 E113.87806	69 m	0:00:18	14 kph
18/1/2016 12:38	ON	N22.20063 E113.87804	76 m	0:00:20	14 kph
18/1/2016 12:38	ON	N22.20114 E113.87803	57 m	0:00:15	14 kph
18/1/2016 12:38	ON	N22.20179 E113.87803	72 m	0:00:19	14 kph
18/1/2016 12:39	ON	N22.20239 E113.87805	66 m	0:00:17	14 kph
18/1/2016 12:39	ON	N22.20297 E113.87804	65 m	0:00:17	14 kph
18/1/2016 12:39	ON	N22.20360 E113.87803	70 m	0:00:18	14 kph
18/1/2016 12:40	ON	N22.20426 E113.87807	74 m	0:00:20	13 kph
18/1/2016 12:40	ON	N22.20488 E113.87807	69 m	0:00:18	14 kph
18/1/2016 12:40	ON	N22.20560 E113.87807	80 m	0:00:21	14 kph
18/1/2016 12:41	ON	N22.20628 E113.87811	75 m	0:00:20	14 kph
18/1/2016 12:41	ON	N22.20691 E113.87815	71 m	0:00:19	13 kph
18/1/2016 12:41	ON	N22.20729 E113.87849	56 m	0:00:16	13 kph
18/1/2016 12:41	ON	N22.20749 E113.87872	32 m	0:00:09	13 kph
18/1/2016 12:41	ON	N22.20772 E113.87900	38 m	0:00:11	13 kph
18/1/2016 12:42	ON	N22.20799 E113.87933	46 m	0:00:13	13 kph
18/1/2016 12:42	ON	N22.20822 E113.87962	39 m	0:00:11	13 kph
18/1/2016 12:42	ON	N22.20847 E113.87995	45 m	0:00:12	13 kph
18/1/2016 12:42	ON	N22.20880 E113.88032	53 m	0:00:15	13 kph
18/1/2016 12:43	ON	N22.20914 E113.88064	50 m	0:00:14	13 kph
18/1/2016 12:43	ON	N22.20945 E113.88092	46 m	0:00:13	13 kph
18/1/2016 12:43	ON	N22.20978 E113.88121	47 m	0:00:13	13 kph
18/1/2016 12:43	ON	N22.21024 E113.88162	66 m	0:00:18	13 kph
18/1/2016 12:44	ON	N22.21068 E113.88199	63 m	0:00:17	13 kph
18/1/2016 12:44	ON	N22.21104 E113.88236	55 m	0:00:15	13 kph
18/1/2016 12:44	ON	N22.21134 E113.88272	51 m	0:00:14	13 kph
18/1/2016 12:44	ON	N22.21161 E113.88308	48 m	0:00:13	13 kph
18/1/2016 12:44	ON	N22.21191 E113.88345	51 m	0:00:14	13 kph
18/1/2016 12:45	ON	N22.21218 E113.88378	44 m	0:00:12	13 kph
18/1/2016 12:45	ON	N22.21254 E113.88424	63 m	0:00:17	13 kph
18/1/2016 12:45	ON	N22.21283 E113.88458	47 m	0:00:17	10 kph
18/1/2016 12:45	ON	N22.21299 E113.88474	25 m	0:00:15	6 kph
18/1/2016 12:46	ON	N22.21311 E113.88484	17 m	0:00:14	4 kph
18/1/2016 12:46	OFF	N22.21320 E113.88490	11 m	0:00:11	4 kph
18/1/2016 12:46	OFF	N22.21331 E113.88494	13 m	0:00:16	3 kph
18/1/2016 12:47	OFF	N22.21340 E113.88498	11 m	0:00:23	2 kph
18/1/2016 12:47	OFF	N22.21344 E113.88498	4 m	0:00:17	0.9 kph
18/1/2016 12:47	OFF	N22.21347 E113.88498	4 m	0:00:15	1.0 kph
18/1/2016 12:47	OFF	N22.21349 E113.88499	2 m	0:00:14	0.5 kph
18/1/2016 12:48	OFF	N22.21351 E113.88498	2 m	0:00:15	0.5 kph
18/1/2016 12:48	OFF	N22.21353 E113.88498	2 m	0:00:19	0.3 kph
18/1/2016 12:48	OFF	N22.21356 E113.88495	5 m	0:00:18	1.0 kph
18/1/2016 12:48	OFF	N22.21358 E113.88494	2 m	0:00:15	0.5 kph
18/1/2016 12:49	OFF	N22.21360 E113.88494	2 m	0:00:17	0.5 kph
18/1/2016 12:49	OFF	N22.21362 E113.88493	2 m	0:00:18	0.5 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 12:49	OFF	N22.21363 E113.88492	1 m	0:00:13	0.4 kph
18/1/2016 12:50	OFF	N22.21364 E113.88491	1 m	0:00:17	0.3 kph
18/1/2016 12:50	OFF	N22.21364 E113.88488	3 m	0:00:12	0.8 kph
18/1/2016 12:50	OFF	N22.21365 E113.88487	2 m	0:00:13	0.5 kph
18/1/2016 12:50	OFF	N22.21367 E113.88485	3 m	0:00:15	0.6 kph
18/1/2016 12:50	OFF	N22.21368 E113.88486	2 m	0:00:05	2 kph
18/1/2016 12:50	OFF	N22.21368 E113.88491	5 m	0:00:04	4 kph
18/1/2016 12:51	OFF	N22.21341 E113.88515	39 m	0:00:19	7 kph
18/1/2016 12:51	OFF	N22.21295 E113.88538	56 m	0:00:21	10 kph
18/1/2016 12:51	OFF	N22.21262 E113.88553	40 m	0:00:15	10 kph
18/1/2016 12:52	OFF	N22.21217 E113.88570	53 m	0:00:20	9 kph
18/1/2016 12:52	OFF	N22.21192 E113.88580	30 m	0:00:18	6 kph
18/1/2016 12:52	OFF	N22.21188 E113.88581	5 m	0:00:04	5 kph
18/1/2016 12:52	OFF	N22.21177 E113.88585	12 m	0:00:12	4 kph
18/1/2016 12:52	OFF	N22.21167 E113.88588	12 m	0:00:16	3 kph
18/1/2016 12:53	OFF	N22.21158 E113.88590	10 m	0:00:21	2 kph
18/1/2016 12:53	OFF	N22.21156 E113.88591	3 m	0:00:07	2 kph
18/1/2016 12:53	OFF	N22.21148 E113.88596	11 m	0:00:06	6 kph
18/1/2016 12:53	OFF	N22.21149 E113.88628	33 m	0:00:14	8 kph
18/1/2016 12:53	OFF	N22.21184 E113.88645	43 m	0:00:13	12 kph
18/1/2016 12:54	OFF	N22.21249 E113.88650	73 m	0:00:19	14 kph
18/1/2016 12:54	OFF	N22.21304 E113.88685	71 m	0:00:19	13 kph
18/1/2016 12:54	OFF	N22.21356 E113.88721	69 m	0:00:19	13 kph
18/1/2016 12:55	OFF	N22.21417 E113.88744	72 m	0:00:21	12 kph
18/1/2016 12:55	OFF	N22.21462 E113.88762	54 m	0:00:18	11 kph
18/1/2016 12:55	OFF	N22.21490 E113.88769	32 m	0:00:18	6 kph
18/1/2016 12:56	OFF	N22.21508 E113.88772	20 m	0:00:17	4 kph
18/1/2016 12:56	OFF	N22.21525 E113.88773	19 m	0:00:19	4 kph
18/1/2016 12:56	OFF	N22.21536 E113.88773	12 m	0:00:18	2 kph
18/1/2016 12:56	OFF	N22.21549 E113.88776	14 m	0:00:15	3 kph
18/1/2016 12:57	OFF	N22.21552 E113.88794	18 m	0:00:14	5 kph
18/1/2016 12:57	OFF	N22.21517 E113.88795	39 m	0:00:14	10 kph
18/1/2016 12:57	ON	N22.21450 E113.88798	74 m	0:00:20	13 kph
18/1/2016 12:58	ON	N22.21389 E113.88806	68 m	0:00:18	14 kph
18/1/2016 12:58	ON	N22.21319 E113.88806	77 m	0:00:20	14 kph
18/1/2016 12:58	ON	N22.21261 E113.88805	65 m	0:00:17	14 kph
18/1/2016 12:58	ON	N22.21210 E113.88809	57 m	0:00:15	14 kph
18/1/2016 12:59	ON	N22.21151 E113.88813	65 m	0:00:17	14 kph
18/1/2016 12:59	ON	N22.21102 E113.88812	55 m	0:00:14	14 kph
18/1/2016 12:59	ON	N22.21037 E113.88816	72 m	0:00:19	14 kph
18/1/2016 13:00	ON	N22.20969 E113.88817	77 m	0:00:20	14 kph
18/1/2016 13:00	ON	N22.20911 E113.88816	65 m	0:00:17	14 kph
18/1/2016 13:00	ON	N22.20853 E113.88817	65 m	0:00:17	14 kph
18/1/2016 13:01	ON	N22.20780 E113.88816	80 m	0:00:21	14 kph
18/1/2016 13:01	ON	N22.20716 E113.88817	72 m	0:00:19	14 kph
18/1/2016 13:01	ON	N22.20648 E113.88817	76 m	0:00:20	14 kph
18/1/2016 13:01	ON	N22.20593 E113.88815	61 m	0:00:16	14 kph
18/1/2016 13:02	ON	N22.20525 E113.88815	76 m	0:00:20	14 kph
18/1/2016 13:02	ON	N22.20453 E113.88816	80 m	0:00:21	14 kph
18/1/2016 13:02	ON	N22.20399 E113.88814	61 m	0:00:16	14 kph
18/1/2016 13:03	ON	N22.20334 E113.88813	72 m	0:00:19	14 kph
18/1/2016 13:03	ON	N22.20276 E113.88816	64 m	0:00:17	14 kph
18/1/2016 13:03	ON	N22.20212 E113.88818	72 m	0:00:19	14 kph
18/1/2016 13:04	ON	N22.20151 E113.88820	68 m	0:00:18	14 kph
18/1/2016 13:04	ON	N22.20091 E113.88827	66 m	0:00:18	13 kph
18/1/2016 13:04	ON	N22.20035 E113.88830	63 m	0:00:17	13 kph
18/1/2016 13:05	ON	N22.19973 E113.88828	69 m	0:00:18	14 kph
18/1/2016 13:05	ON	N22.19925 E113.88825	53 m	0:00:14	14 kph
18/1/2016 13:05	ON	N22.19884 E113.88821	46 m	0:00:12	14 kph
18/1/2016 13:05	ON	N22.19825 E113.88818	66 m	0:00:17	14 kph
18/1/2016 13:06	ON	N22.19759 E113.88817	73 m	0:00:19	14 kph
18/1/2016 13:06	ON	N22.19702 E113.88822	64 m	0:00:17	14 kph
18/1/2016 13:06	ON	N22.19644 E113.88825	65 m	0:00:17	14 kph
18/1/2016 13:06	ON	N22.19581 E113.88826	70 m	0:00:18	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 13:07	ON	N22.19518 E113.88822	70 m	0:00:18	14 kph
18/1/2016 13:07	ON	N22.19455 E113.88819	70 m	0:00:18	14 kph
18/1/2016 13:07	ON	N22.19386 E113.88824	76 m	0:00:20	14 kph
18/1/2016 13:08	ON	N22.19316 E113.88823	78 m	0:00:20	14 kph
18/1/2016 13:08	ON	N22.19253 E113.88821	71 m	0:00:18	14 kph
18/1/2016 13:08	ON	N22.19194 E113.88824	65 m	0:00:17	14 kph
18/1/2016 13:09	ON	N22.19143 E113.88828	57 m	0:00:15	14 kph
18/1/2016 13:09	ON	N22.19087 E113.88829	62 m	0:00:16	14 kph
18/1/2016 13:09	ON	N22.19023 E113.88825	71 m	0:00:18	14 kph
18/1/2016 13:09	ON	N22.18956 E113.88819	75 m	0:00:19	14 kph
18/1/2016 13:10	ON	N22.18872 E113.88817	93 m	0:00:24	14 kph
18/1/2016 13:10	ON	N22.18795 E113.88819	86 m	0:00:22	14 kph
18/1/2016 13:10	ON	N22.18727 E113.88815	75 m	0:00:19	14 kph
18/1/2016 13:11	ON	N22.18658 E113.88810	78 m	0:00:20	14 kph
18/1/2016 13:11	ON	N22.18573 E113.88814	95 m	0:00:24	14 kph
18/1/2016 13:12	ON	N22.18506 E113.88815	75 m	0:00:19	14 kph
18/1/2016 13:12	ON	N22.18437 E113.88819	77 m	0:00:20	14 kph
18/1/2016 13:12	ON	N22.18371 E113.88822	73 m	0:00:19	14 kph
18/1/2016 13:12	ON	N22.18318 E113.88817	58 m	0:00:15	14 kph
18/1/2016 13:13	ON	N22.18252 E113.88809	75 m	0:00:19	14 kph
18/1/2016 13:13	ON	N22.18176 E113.88804	84 m	0:00:22	14 kph
18/1/2016 13:13	ON	N22.18112 E113.88805	71 m	0:00:19	14 kph
18/1/2016 13:14	ON	N22.18052 E113.88809	67 m	0:00:18	13 kph
18/1/2016 13:14	ON	N22.17986 E113.88816	74 m	0:00:20	13 kph
18/1/2016 13:14	ON	N22.17912 E113.88817	83 m	0:00:22	14 kph
18/1/2016 13:15	ON	N22.17874 E113.88817	42 m	0:00:11	14 kph
18/1/2016 13:15	ON	N22.17817 E113.88820	64 m	0:00:17	14 kph
18/1/2016 13:15	ON	N22.17766 E113.88822	57 m	0:00:15	14 kph
18/1/2016 13:15	ON	N22.17694 E113.88823	80 m	0:00:21	14 kph
18/1/2016 13:16	ON	N22.17636 E113.88822	65 m	0:00:17	14 kph
18/1/2016 13:16	ON	N22.17566 E113.88821	77 m	0:00:20	14 kph
18/1/2016 13:16	ON	N22.17511 E113.88822	62 m	0:00:16	14 kph
18/1/2016 13:17	ON	N22.17445 E113.88824	73 m	0:00:19	14 kph
18/1/2016 13:17	ON	N22.17390 E113.88827	62 m	0:00:16	14 kph
18/1/2016 13:17	ON	N22.17334 E113.88828	62 m	0:00:16	14 kph
18/1/2016 13:17	ON	N22.17279 E113.88818	62 m	0:00:16	14 kph
18/1/2016 13:18	ON	N22.17237 E113.88813	46 m	0:00:12	14 kph
18/1/2016 13:18	ON	N22.17189 E113.88811	54 m	0:00:14	14 kph
18/1/2016 13:18	ON	N22.17132 E113.88816	63 m	0:00:17	13 kph
18/1/2016 13:19	ON	N22.17065 E113.88818	75 m	0:00:20	14 kph
18/1/2016 13:19	ON	N22.17009 E113.88815	62 m	0:00:16	14 kph
18/1/2016 13:19	ON	N22.16938 E113.88812	79 m	0:00:21	14 kph
18/1/2016 13:19	ON	N22.16871 E113.88811	75 m	0:00:20	14 kph
18/1/2016 13:20	ON	N22.16814 E113.88814	64 m	0:00:17	13 kph
18/1/2016 13:20	ON	N22.16763 E113.88814	57 m	0:00:15	14 kph
18/1/2016 13:20	ON	N22.16702 E113.88815	68 m	0:00:18	14 kph
18/1/2016 13:21	ON	N22.16648 E113.88817	60 m	0:00:16	14 kph
18/1/2016 13:21	ON	N22.16601 E113.88818	52 m	0:00:14	13 kph
18/1/2016 13:21	ON	N22.16537 E113.88819	72 m	0:00:19	14 kph
18/1/2016 13:21	ON	N22.16484 E113.88825	59 m	0:00:16	13 kph
18/1/2016 13:22	ON	N22.16419 E113.88828	72 m	0:00:19	14 kph
18/1/2016 13:22	ON	N22.16356 E113.88827	71 m	0:00:19	13 kph
18/1/2016 13:22	ON	N22.16301 E113.88822	61 m	0:00:17	13 kph
18/1/2016 13:23	ON	N22.16253 E113.88819	54 m	0:00:15	13 kph
18/1/2016 13:23	ON	N22.16204 E113.88817	54 m	0:00:15	13 kph
18/1/2016 13:23	ON	N22.16156 E113.88818	54 m	0:00:15	13 kph
18/1/2016 13:23	ON	N22.16103 E113.88821	59 m	0:00:17	13 kph
18/1/2016 13:24	ON	N22.16057 E113.88825	52 m	0:00:15	12 kph
18/1/2016 13:24	ON	N22.15994 E113.88830	70 m	0:00:20	13 kph
18/1/2016 13:24	ON	N22.15937 E113.88829	64 m	0:00:18	13 kph
18/1/2016 13:25	ON	N22.15886 E113.88822	57 m	0:00:16	13 kph
18/1/2016 13:25	ON	N22.15841 E113.88814	51 m	0:00:14	13 kph
18/1/2016 13:25	ON	N22.15799 E113.88811	47 m	0:00:13	13 kph
18/1/2016 13:25	ON	N22.15754 E113.88819	51 m	0:00:15	12 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 13:25	ON	N22.15703 E113.88818	57 m	0:00:16	13 kph
18/1/2016 13:26	ON	N22.15659 E113.88819	49 m	0:00:14	12 kph
18/1/2016 13:26	ON	N22.15612 E113.88832	54 m	0:00:16	12 kph
18/1/2016 13:26	ON	N22.15561 E113.88831	57 m	0:00:16	13 kph
18/1/2016 13:26	ON	N22.15513 E113.88825	55 m	0:00:15	13 kph
18/1/2016 13:27	ON	N22.15475 E113.88825	42 m	0:00:12	13 kph
18/1/2016 13:27	ON	N22.15436 E113.88825	43 m	0:00:12	13 kph
18/1/2016 13:27	ON	N22.15378 E113.88823	64 m	0:00:18	13 kph
18/1/2016 13:27	ON	N22.15337 E113.88822	47 m	0:00:13	13 kph
18/1/2016 13:28	ON	N22.15295 E113.88824	46 m	0:00:13	13 kph
18/1/2016 13:28	ON	N22.15254 E113.88827	46 m	0:00:13	13 kph
18/1/2016 13:28	ON	N22.15210 E113.88824	50 m	0:00:14	13 kph
18/1/2016 13:28	ON	N22.15162 E113.88824	53 m	0:00:15	13 kph
18/1/2016 13:29	ON	N22.15122 E113.88832	45 m	0:00:13	12 kph
18/1/2016 13:29	ON	N22.15098 E113.88856	37 m	0:00:13	10 kph
18/1/2016 13:29	ON	N22.15080 E113.88912	61 m	0:00:20	11 kph
18/1/2016 13:29	ON	N22.15071 E113.88966	56 m	0:00:18	11 kph
18/1/2016 13:30	ON	N22.15059 E113.89025	62 m	0:00:20	11 kph
18/1/2016 13:30	ON	N22.15046 E113.89072	50 m	0:00:16	11 kph
18/1/2016 13:30	ON	N22.15034 E113.89120	51 m	0:00:16	11 kph
18/1/2016 13:31	ON	N22.15021 E113.89171	54 m	0:00:17	11 kph
18/1/2016 13:31	ON	N22.15012 E113.89212	45 m	0:00:14	11 kph
18/1/2016 13:31	ON	N22.15002 E113.89257	47 m	0:00:15	11 kph
18/1/2016 13:31	ON	N22.14985 E113.89318	66 m	0:00:21	11 kph
18/1/2016 13:32	ON	N22.14966 E113.89372	59 m	0:00:19	11 kph
18/1/2016 13:32	ON	N22.14944 E113.89429	64 m	0:00:20	11 kph
18/1/2016 13:32	ON	N22.14924 E113.89480	57 m	0:00:18	11 kph
18/1/2016 13:33	ON	N22.14905 E113.89532	58 m	0:00:18	12 kph
18/1/2016 13:33	ON	N22.14890 E113.89582	55 m	0:00:17	12 kph
18/1/2016 13:33	ON	N22.14878 E113.89640	61 m	0:00:19	12 kph
18/1/2016 13:33	ON	N22.14874 E113.89689	51 m	0:00:16	11 kph
18/1/2016 13:34	ON	N22.14901 E113.89710	37 m	0:00:12	11 kph
18/1/2016 13:34	ON	N22.14952 E113.89711	57 m	0:00:15	14 kph
18/1/2016 13:34	ON	N22.14991 E113.89709	44 m	0:00:11	14 kph
18/1/2016 13:34	ON	N22.15041 E113.89709	56 m	0:00:14	14 kph
18/1/2016 13:35	ON	N22.15087 E113.89711	51 m	0:00:13	14 kph
18/1/2016 13:35	ON	N22.15137 E113.89712	56 m	0:00:14	14 kph
18/1/2016 13:35	ON	N22.15188 E113.89712	57 m	0:00:14	15 kph
18/1/2016 13:35	ON	N22.15245 E113.89714	64 m	0:00:16	14 kph
18/1/2016 13:36	ON	N22.15295 E113.89716	56 m	0:00:14	14 kph
18/1/2016 13:36	ON	N22.15342 E113.89717	52 m	0:00:13	14 kph
18/1/2016 13:36	ON	N22.15389 E113.89715	52 m	0:00:13	15 kph
18/1/2016 13:36	ON	N22.15430 E113.89714	45 m	0:00:11	15 kph
18/1/2016 13:36	ON	N22.15483 E113.89714	60 m	0:00:15	14 kph
18/1/2016 13:37	ON	N22.15528 E113.89720	51 m	0:00:13	14 kph
18/1/2016 13:37	ON	N22.15582 E113.89720	60 m	0:00:15	14 kph
18/1/2016 13:37	ON	N22.15629 E113.89716	52 m	0:00:13	15 kph
18/1/2016 13:37	ON	N22.15700 E113.89713	79 m	0:00:20	14 kph
18/1/2016 13:38	ON	N22.15761 E113.89716	68 m	0:00:17	14 kph
18/1/2016 13:38	ON	N22.15831 E113.89725	78 m	0:00:20	14 kph
18/1/2016 13:38	ON	N22.15880 E113.89728	55 m	0:00:15	13 kph
18/1/2016 13:39	ON	N22.15930 E113.89732	55 m	0:00:15	13 kph
18/1/2016 13:39	ON	N22.15989 E113.89731	66 m	0:00:18	13 kph
18/1/2016 13:39	ON	N22.16068 E113.89727	87 m	0:00:24	13 kph
18/1/2016 13:40	ON	N22.16120 E113.89723	58 m	0:00:16	13 kph
18/1/2016 13:40	ON	N22.16184 E113.89725	72 m	0:00:20	13 kph
18/1/2016 13:40	ON	N22.16247 E113.89724	70 m	0:00:19	13 kph
18/1/2016 13:40	ON	N22.16306 E113.89724	66 m	0:00:18	13 kph
18/1/2016 13:41	ON	N22.16365 E113.89725	65 m	0:00:18	13 kph
18/1/2016 13:41	ON	N22.16424 E113.89726	66 m	0:00:18	13 kph
18/1/2016 13:41	ON	N22.16489 E113.89727	73 m	0:00:20	13 kph
18/1/2016 13:42	ON	N22.16544 E113.89729	61 m	0:00:17	13 kph
18/1/2016 13:42	ON	N22.16593 E113.89730	55 m	0:00:15	13 kph
18/1/2016 13:42	ON	N22.16652 E113.89730	66 m	0:00:18	13 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 13:43	ON	N22.16714 E113.89730	69 m	0:00:19	13 kph
18/1/2016 13:43	ON	N22.16771 E113.89727	63 m	0:00:17	13 kph
18/1/2016 13:43	ON	N22.16827 E113.89726	62 m	0:00:17	13 kph
18/1/2016 13:43	ON	N22.16884 E113.89722	64 m	0:00:17	14 kph
18/1/2016 13:44	ON	N22.16945 E113.89722	67 m	0:00:18	13 kph
18/1/2016 13:44	ON	N22.17009 E113.89722	72 m	0:00:19	14 kph
18/1/2016 13:44	ON	N22.17065 E113.89725	62 m	0:00:16	14 kph
18/1/2016 13:45	ON	N22.17139 E113.89733	84 m	0:00:21	14 kph
18/1/2016 13:45	ON	N22.17203 E113.89732	71 m	0:00:18	14 kph
18/1/2016 13:45	ON	N22.17272 E113.89731	77 m	0:00:20	14 kph
18/1/2016 13:46	ON	N22.17334 E113.89731	68 m	0:00:18	14 kph
18/1/2016 13:46	ON	N22.17402 E113.89730	76 m	0:00:20	14 kph
18/1/2016 13:46	ON	N22.17461 E113.89727	66 m	0:00:17	14 kph
18/1/2016 13:47	ON	N22.17534 E113.89721	81 m	0:00:21	14 kph
18/1/2016 13:47	ON	N22.17594 E113.89720	67 m	0:00:18	13 kph
18/1/2016 13:47	ON	N22.17641 E113.89721	52 m	0:00:14	13 kph
18/1/2016 13:47	ON	N22.17696 E113.89723	61 m	0:00:16	14 kph
18/1/2016 13:48	ON	N22.17752 E113.89726	63 m	0:00:16	14 kph
18/1/2016 13:48	ON	N22.17794 E113.89726	47 m	0:00:12	14 kph
18/1/2016 13:48	ON	N22.17843 E113.89724	55 m	0:00:14	14 kph
18/1/2016 13:48	ON	N22.17891 E113.89727	54 m	0:00:14	14 kph
18/1/2016 13:49	ON	N22.17959 E113.89723	75 m	0:00:19	14 kph
18/1/2016 13:49	ON	N22.18027 E113.89722	75 m	0:00:19	14 kph
18/1/2016 13:49	ON	N22.18106 E113.89721	88 m	0:00:22	14 kph
18/1/2016 13:50	ON	N22.18169 E113.89729	71 m	0:00:18	14 kph
18/1/2016 13:50	ON	N22.18246 E113.89739	86 m	0:00:22	14 kph
18/1/2016 13:50	ON	N22.18318 E113.89732	80 m	0:00:20	14 kph
18/1/2016 13:51	ON	N22.18394 E113.89721	86 m	0:00:22	14 kph
18/1/2016 13:51	ON	N22.18459 E113.89716	72 m	0:00:19	14 kph
18/1/2016 13:51	ON	N22.18519 E113.89713	67 m	0:00:18	13 kph
18/1/2016 13:52	ON	N22.18591 E113.89714	80 m	0:00:22	13 kph
18/1/2016 13:52	ON	N22.18647 E113.89718	63 m	0:00:17	13 kph
18/1/2016 13:52	ON	N22.18699 E113.89721	58 m	0:00:16	13 kph
18/1/2016 13:52	ON	N22.18755 E113.89723	62 m	0:00:17	13 kph
18/1/2016 13:53	ON	N22.18801 E113.89723	51 m	0:00:14	13 kph
18/1/2016 13:53	ON	N22.18857 E113.89724	62 m	0:00:17	13 kph
18/1/2016 13:53	ON	N22.18920 E113.89725	70 m	0:00:20	13 kph
18/1/2016 13:54	OFF	N22.18948 E113.89721	31 m	0:00:15	7 kph
18/1/2016 13:54	OFF	N22.18967 E113.89715	22 m	0:00:15	5 kph
18/1/2016 13:54	OFF	N22.18981 E113.89709	17 m	0:00:16	4 kph
18/1/2016 13:54	OFF	N22.18992 E113.89703	13 m	0:00:15	3 kph
18/1/2016 13:55	OFF	N22.19001 E113.89696	13 m	0:00:18	3 kph
18/1/2016 13:55	OFF	N22.19005 E113.89692	6 m	0:00:09	2 kph
18/1/2016 13:55	OFF	N22.19008 E113.89688	6 m	0:00:10	2 kph
18/1/2016 13:55	OFF	N22.19008 E113.89685	4 m	0:00:11	1.2 kph
18/1/2016 13:55	OFF	N22.19009 E113.89679	6 m	0:00:13	2 kph
18/1/2016 13:56	OFF	N22.19008 E113.89673	6 m	0:00:12	2 kph
18/1/2016 13:56	OFF	N22.19006 E113.89667	7 m	0:00:13	2 kph
18/1/2016 13:56	OFF	N22.19003 E113.89659	9 m	0:00:17	2 kph
18/1/2016 13:56	OFF	N22.19001 E113.89655	5 m	0:00:11	2 kph
18/1/2016 13:57	OFF	N22.18997 E113.89646	9 m	0:00:18	2 kph
18/1/2016 13:57	OFF	N22.18995 E113.89641	7 m	0:00:15	2 kph
18/1/2016 13:57	OFF	N22.18993 E113.89635	6 m	0:00:12	2 kph
18/1/2016 13:57	OFF	N22.18991 E113.89630	5 m	0:00:11	2 kph
18/1/2016 13:57	OFF	N22.18988 E113.89624	7 m	0:00:13	2 kph
18/1/2016 13:58	OFF	N22.18986 E113.89617	7 m	0:00:14	2 kph
18/1/2016 13:58	OFF	N22.18985 E113.89613	4 m	0:00:10	2 kph
18/1/2016 13:58	OFF	N22.18983 E113.89607	6 m	0:00:12	2 kph
18/1/2016 13:58	OFF	N22.18981 E113.89601	7 m	0:00:13	2 kph
18/1/2016 13:58	OFF	N22.18985 E113.89596	7 m	0:00:13	2 kph
18/1/2016 13:59	OFF	N22.19005 E113.89614	29 m	0:00:16	7 kph
18/1/2016 13:59	OFF	N22.19015 E113.89661	50 m	0:00:17	11 kph
18/1/2016 13:59	ON	N22.19022 E113.89710	51 m	0:00:17	11 kph
18/1/2016 13:59	ON	N22.19058 E113.89717	41 m	0:00:13	11 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 14:00	ON	N22.19101 E113.89713	48 m	0:00:13	13 kph
18/1/2016 14:00	ON	N22.19170 E113.89714	77 m	0:00:20	14 kph
18/1/2016 14:00	ON	N22.19226 E113.89713	63 m	0:00:16	14 kph
18/1/2016 14:01	ON	N22.19279 E113.89716	58 m	0:00:15	14 kph
18/1/2016 14:01	ON	N22.19341 E113.89723	69 m	0:00:18	14 kph
18/1/2016 14:01	ON	N22.19419 E113.89724	87 m	0:00:22	14 kph
18/1/2016 14:01	ON	N22.19476 E113.89720	63 m	0:00:16	14 kph
18/1/2016 14:02	ON	N22.19540 E113.89721	71 m	0:00:18	14 kph
18/1/2016 14:02	ON	N22.19619 E113.89720	88 m	0:00:22	14 kph
18/1/2016 14:02	ON	N22.19675 E113.89717	63 m	0:00:16	14 kph
18/1/2016 14:03	ON	N22.19735 E113.89718	66 m	0:00:17	14 kph
18/1/2016 14:03	ON	N22.19788 E113.89723	59 m	0:00:15	14 kph
18/1/2016 14:03	ON	N22.19856 E113.89726	76 m	0:00:19	14 kph
18/1/2016 14:03	ON	N22.19906 E113.89728	56 m	0:00:14	14 kph
18/1/2016 14:04	ON	N22.19968 E113.89731	69 m	0:00:17	15 kph
18/1/2016 14:04	ON	N22.20023 E113.89728	61 m	0:00:15	15 kph
18/1/2016 14:04	ON	N22.20100 E113.89726	86 m	0:00:21	15 kph
18/1/2016 14:05	ON	N22.20184 E113.89723	94 m	0:00:23	15 kph
18/1/2016 14:05	ON	N22.20253 E113.89720	77 m	0:00:19	15 kph
18/1/2016 14:05	ON	N22.20312 E113.89717	65 m	0:00:16	15 kph
18/1/2016 14:06	ON	N22.20394 E113.89721	92 m	0:00:23	14 kph
18/1/2016 14:06	ON	N22.20448 E113.89725	60 m	0:00:15	14 kph
18/1/2016 14:06	ON	N22.20522 E113.89725	82 m	0:00:20	15 kph
18/1/2016 14:07	ON	N22.20594 E113.89716	81 m	0:00:19	15 kph
18/1/2016 14:07	ON	N22.20667 E113.89717	82 m	0:00:20	15 kph
18/1/2016 14:07	ON	N22.20747 E113.89727	90 m	0:00:22	15 kph
18/1/2016 14:08	ON	N22.20829 E113.89726	92 m	0:00:22	15 kph
18/1/2016 14:08	ON	N22.20911 E113.89723	90 m	0:00:22	15 kph
18/1/2016 14:08	ON	N22.20982 E113.89725	79 m	0:00:19	15 kph
18/1/2016 14:09	ON	N22.21083 E113.89730	114 m	0:00:28	15 kph
18/1/2016 14:09	ON	N22.21169 E113.89731	95 m	0:00:23	15 kph
18/1/2016 14:10	ON	N22.21254 E113.89728	95 m	0:00:23	15 kph
18/1/2016 14:10	ON	N22.21344 E113.89729	100 m	0:00:25	14 kph
18/1/2016 14:10	ON	N22.21373 E113.89754	41 m	0:00:13	11 kph
18/1/2016 14:10	ON	N22.21362 E113.89789	38 m	0:00:12	11 kph
18/1/2016 14:11	ON	N22.21325 E113.89834	62 m	0:00:16	14 kph
18/1/2016 14:11	ON	N22.21291 E113.89876	57 m	0:00:14	15 kph
18/1/2016 14:11	ON	N22.21249 E113.89933	76 m	0:00:19	14 kph
18/1/2016 14:12	ON	N22.21214 E113.89985	67 m	0:00:17	14 kph
18/1/2016 14:12	ON	N22.21173 E113.90038	70 m	0:00:18	14 kph
18/1/2016 14:12	ON	N22.21138 E113.90085	63 m	0:00:16	14 kph
18/1/2016 14:12	ON	N22.21105 E113.90135	63 m	0:00:16	14 kph
18/1/2016 14:13	ON	N22.21072 E113.90186	64 m	0:00:16	14 kph
18/1/2016 14:13	ON	N22.21037 E113.90241	69 m	0:00:18	14 kph
18/1/2016 14:13	ON	N22.21006 E113.90286	58 m	0:00:15	14 kph
18/1/2016 14:13	ON	N22.20971 E113.90339	67 m	0:00:17	14 kph
18/1/2016 14:14	ON	N22.20941 E113.90385	59 m	0:00:15	14 kph
18/1/2016 14:14	ON	N22.20907 E113.90438	67 m	0:00:17	14 kph
18/1/2016 14:14	ON	N22.20872 E113.90492	67 m	0:00:17	14 kph
18/1/2016 14:15	ON	N22.20824 E113.90555	85 m	0:00:21	14 kph
18/1/2016 14:15	ON	N22.20795 E113.90590	48 m	0:00:12	14 kph
18/1/2016 14:15	ON	N22.20771 E113.90617	39 m	0:00:10	14 kph
18/1/2016 14:15	ON	N22.20732 E113.90656	59 m	0:00:15	14 kph
18/1/2016 14:16	ON	N22.20690 E113.90707	70 m	0:00:18	14 kph
18/1/2016 14:16	ON	N22.20659 E113.90743	51 m	0:00:14	13 kph
18/1/2016 14:16	ON	N22.20617 E113.90769	54 m	0:00:15	13 kph
18/1/2016 14:16	ON	N22.20573 E113.90772	49 m	0:00:13	14 kph
18/1/2016 14:16	ON	N22.20523 E113.90778	57 m	0:00:15	14 kph
18/1/2016 14:17	ON	N22.20472 E113.90783	56 m	0:00:15	14 kph
18/1/2016 14:17	ON	N22.20424 E113.90784	53 m	0:00:14	14 kph
18/1/2016 14:17	ON	N22.20380 E113.90783	49 m	0:00:13	14 kph
18/1/2016 14:17	ON	N22.20331 E113.90781	54 m	0:00:14	14 kph
18/1/2016 14:18	ON	N22.20280 E113.90784	57 m	0:00:15	14 kph
18/1/2016 14:18	ON	N22.20224 E113.90788	62 m	0:00:16	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 14:18	ON	N22.20172 E113.90787	58 m	0:00:15	14 kph
18/1/2016 14:18	ON	N22.20116 E113.90788	62 m	0:00:16	14 kph
18/1/2016 14:19	ON	N22.20068 E113.90790	54 m	0:00:14	14 kph
18/1/2016 14:19	ON	N22.20008 E113.90789	67 m	0:00:17	14 kph
18/1/2016 14:19	ON	N22.19946 E113.90787	69 m	0:00:18	14 kph
18/1/2016 14:20	ON	N22.19887 E113.90790	66 m	0:00:17	14 kph
18/1/2016 14:20	ON	N22.19825 E113.90791	69 m	0:00:18	14 kph
18/1/2016 14:20	ON	N22.19755 E113.90786	78 m	0:00:20	14 kph
18/1/2016 14:20	ON	N22.19712 E113.90779	48 m	0:00:15	12 kph
18/1/2016 14:21	ON	N22.19681 E113.90775	35 m	0:00:14	9 kph
18/1/2016 14:21	ON	N22.19639 E113.90770	47 m	0:00:13	13 kph
18/1/2016 14:21	ON	N22.19595 E113.90772	49 m	0:00:13	13 kph
18/1/2016 14:21	ON	N22.19536 E113.90780	67 m	0:00:18	13 kph
18/1/2016 14:22	ON	N22.19473 E113.90775	70 m	0:00:18	14 kph
18/1/2016 14:22	ON	N22.19421 E113.90772	58 m	0:00:15	14 kph
18/1/2016 14:22	ON	N22.19376 E113.90768	50 m	0:00:13	14 kph
18/1/2016 14:22	ON	N22.19328 E113.90769	53 m	0:00:14	14 kph
18/1/2016 14:23	ON	N22.19280 E113.90768	54 m	0:00:14	14 kph
18/1/2016 14:23	ON	N22.19223 E113.90773	63 m	0:00:17	13 kph
18/1/2016 14:23	ON	N22.19171 E113.90779	59 m	0:00:16	13 kph
18/1/2016 14:23	ON	N22.19124 E113.90776	52 m	0:00:14	13 kph
18/1/2016 14:24	ON	N22.19076 E113.90768	54 m	0:00:14	14 kph
18/1/2016 14:24	ON	N22.19024 E113.90743	64 m	0:00:16	14 kph
18/1/2016 14:24	ON	N22.18972 E113.90691	79 m	0:00:19	15 kph
18/1/2016 14:25	ON	N22.18926 E113.90632	80 m	0:00:19	15 kph
18/1/2016 14:25	ON	N22.18886 E113.90582	68 m	0:00:16	15 kph
18/1/2016 14:25	ON	N22.18839 E113.90539	69 m	0:00:17	15 kph
18/1/2016 14:25	ON	N22.18784 E113.90503	71 m	0:00:18	14 kph
18/1/2016 14:26	ON	N22.18722 E113.90482	73 m	0:00:19	14 kph
18/1/2016 14:26	ON	N22.18642 E113.90466	90 m	0:00:23	14 kph
18/1/2016 14:26	ON	N22.18580 E113.90454	71 m	0:00:18	14 kph
18/1/2016 14:27	ON	N22.18513 E113.90445	75 m	0:00:19	14 kph
18/1/2016 14:27	ON	N22.18449 E113.90438	72 m	0:00:18	14 kph
18/1/2016 14:27	ON	N22.18385 E113.90430	72 m	0:00:18	14 kph
18/1/2016 14:28	ON	N22.18316 E113.90420	77 m	0:00:19	15 kph
18/1/2016 14:28	ON	N22.18247 E113.90408	78 m	0:00:19	15 kph
18/1/2016 14:28	ON	N22.18163 E113.90395	94 m	0:00:23	15 kph
18/1/2016 14:29	ON	N22.18079 E113.90389	94 m	0:00:23	15 kph
18/1/2016 14:29	ON	N22.18003 E113.90396	85 m	0:00:21	15 kph
18/1/2016 14:29	ON	N22.17932 E113.90412	81 m	0:00:20	15 kph
18/1/2016 14:30	ON	N22.17869 E113.90429	72 m	0:00:18	14 kph
18/1/2016 14:30	ON	N22.17816 E113.90452	64 m	0:00:17	14 kph
18/1/2016 14:30	ON	N22.17776 E113.90479	52 m	0:00:14	13 kph
18/1/2016 14:30	ON	N22.17729 E113.90513	63 m	0:00:17	13 kph
18/1/2016 14:31	ON	N22.17694 E113.90539	47 m	0:00:13	13 kph
18/1/2016 14:31	ON	N22.17651 E113.90575	61 m	0:00:17	13 kph
18/1/2016 14:31	ON	N22.17599 E113.90627	79 m	0:00:22	13 kph
18/1/2016 14:32	ON	N22.17554 E113.90676	72 m	0:00:20	13 kph
18/1/2016 14:32	ON	N22.17504 E113.90735	82 m	0:00:23	13 kph
18/1/2016 14:32	ON	N22.17451 E113.90796	86 m	0:00:24	13 kph
18/1/2016 14:33	ON	N22.17393 E113.90830	73 m	0:00:20	13 kph
18/1/2016 14:33	ON	N22.17337 E113.90832	62 m	0:00:16	14 kph
18/1/2016 14:33	ON	N22.17280 E113.90815	67 m	0:00:16	15 kph
18/1/2016 14:34	ON	N22.17218 E113.90769	84 m	0:00:19	16 kph
18/1/2016 14:34	ON	N22.17142 E113.90708	106 m	0:00:24	16 kph
18/1/2016 14:34	ON	N22.17079 E113.90648	93 m	0:00:21	16 kph
18/1/2016 14:35	ON	N22.17013 E113.90581	101 m	0:00:23	16 kph
18/1/2016 14:35	ON	N22.16944 E113.90515	102 m	0:00:24	15 kph
18/1/2016 14:36	ON	N22.16871 E113.90447	108 m	0:00:25	15 kph
18/1/2016 14:36	ON	N22.16820 E113.90391	81 m	0:00:19	15 kph
18/1/2016 14:36	ON	N22.16755 E113.90318	104 m	0:00:25	15 kph
18/1/2016 14:37	ON	N22.16701 E113.90257	87 m	0:00:21	15 kph
18/1/2016 14:37	ON	N22.16653 E113.90201	79 m	0:00:19	15 kph
18/1/2016 14:37	ON	N22.16589 E113.90125	106 m	0:00:25	15 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 14:38	ON	N22.16538 E113.90061	87 m	0:00:21	15 kph
18/1/2016 14:38	ON	N22.16489 E113.90006	79 m	0:00:19	15 kph
18/1/2016 14:38	ON	N22.16430 E113.89951	87 m	0:00:21	15 kph
18/1/2016 14:39	ON	N22.16378 E113.89913	70 m	0:00:17	15 kph
18/1/2016 14:39	ON	N22.16312 E113.89871	85 m	0:00:21	15 kph
18/1/2016 14:39	ON	N22.16258 E113.89840	69 m	0:00:17	15 kph
18/1/2016 14:40	ON	N22.16199 E113.89812	72 m	0:00:18	14 kph
18/1/2016 14:40	ON	N22.16143 E113.89797	63 m	0:00:16	14 kph
18/1/2016 14:40	ON	N22.16086 E113.89792	65 m	0:00:16	15 kph
18/1/2016 14:41	ON	N22.16018 E113.89797	76 m	0:00:19	14 kph
18/1/2016 14:41	ON	N22.15946 E113.89808	81 m	0:00:20	15 kph
18/1/2016 14:41	ON	N22.15889 E113.89826	66 m	0:00:16	15 kph
18/1/2016 14:41	ON	N22.15822 E113.89862	83 m	0:00:20	15 kph
18/1/2016 14:42	ON	N22.15775 E113.89894	62 m	0:00:15	15 kph
18/1/2016 14:42	ON	N22.15720 E113.89940	77 m	0:00:19	15 kph
18/1/2016 14:42	ON	N22.15676 E113.89982	66 m	0:00:16	15 kph
18/1/2016 14:43	ON	N22.15637 E113.90024	61 m	0:00:15	15 kph
18/1/2016 14:43	ON	N22.15600 E113.90070	63 m	0:00:16	14 kph
18/1/2016 14:43	ON	N22.15562 E113.90122	68 m	0:00:18	14 kph
18/1/2016 14:43	ON	N22.15536 E113.90171	59 m	0:00:16	13 kph
18/1/2016 14:44	ON	N22.15521 E113.90212	46 m	0:00:13	13 kph
18/1/2016 14:44	ON	N22.15512 E113.90281	71 m	0:00:20	13 kph
18/1/2016 14:44	ON	N22.15513 E113.90343	64 m	0:00:18	13 kph
18/1/2016 14:45	ON	N22.15524 E113.90406	66 m	0:00:18	13 kph
18/1/2016 14:45	ON	N22.15539 E113.90474	72 m	0:00:20	13 kph
18/1/2016 14:45	ON	N22.15545 E113.90538	66 m	0:00:18	13 kph
18/1/2016 14:45	ON	N22.15551 E113.90598	63 m	0:00:17	13 kph
18/1/2016 14:46	ON	N22.15562 E113.90662	67 m	0:00:18	13 kph
18/1/2016 14:46	ON	N22.15572 E113.90730	71 m	0:00:19	13 kph
18/1/2016 14:46	ON	N22.15559 E113.90772	46 m	0:00:15	11 kph
18/1/2016 14:46	ON	N22.15524 E113.90771	39 m	0:00:12	12 kph
18/1/2016 14:47	ON	N22.15470 E113.90759	62 m	0:00:16	14 kph
18/1/2016 14:47	ON	N22.15411 E113.90758	66 m	0:00:17	14 kph
18/1/2016 14:47	ON	N22.15360 E113.90768	58 m	0:00:15	14 kph
18/1/2016 14:48	ON	N22.15303 E113.90776	64 m	0:00:17	14 kph
18/1/2016 14:48	ON	N22.15252 E113.90773	57 m	0:00:15	14 kph
18/1/2016 14:48	ON	N22.15200 E113.90770	57 m	0:00:15	14 kph
18/1/2016 14:48	ON	N22.15146 E113.90774	60 m	0:00:16	14 kph
18/1/2016 14:49	ON	N22.15106 E113.90779	45 m	0:00:12	13 kph
18/1/2016 14:49	ON	N22.15059 E113.90778	53 m	0:00:14	14 kph
18/1/2016 14:49	ON	N22.15017 E113.90775	46 m	0:00:12	14 kph
18/1/2016 14:49	ON	N22.14974 E113.90779	49 m	0:00:13	13 kph
18/1/2016 14:49	ON	N22.14917 E113.90787	64 m	0:00:17	13 kph
18/1/2016 14:50	ON	N22.14869 E113.90783	54 m	0:00:14	14 kph
18/1/2016 14:50	ON	N22.14821 E113.90781	54 m	0:00:14	14 kph
18/1/2016 14:50	ON	N22.14773 E113.90784	53 m	0:00:14	14 kph
18/1/2016 14:50	ON	N22.14735 E113.90786	42 m	0:00:11	14 kph
18/1/2016 14:51	ON	N22.14677 E113.90774	66 m	0:00:17	14 kph
18/1/2016 14:51	ON	N22.14629 E113.90770	54 m	0:00:14	14 kph
18/1/2016 14:51	ON	N22.14581 E113.90773	53 m	0:00:14	14 kph
18/1/2016 14:51	ON	N22.14533 E113.90776	54 m	0:00:14	14 kph
18/1/2016 14:52	ON	N22.14482 E113.90777	57 m	0:00:15	14 kph
18/1/2016 14:52	ON	N22.14427 E113.90780	61 m	0:00:16	14 kph
18/1/2016 14:52	ON	N22.14379 E113.90781	53 m	0:00:14	14 kph
18/1/2016 14:52	ON	N22.14331 E113.90779	53 m	0:00:14	14 kph
18/1/2016 14:53	ON	N22.14277 E113.90783	61 m	0:00:16	14 kph
18/1/2016 14:53	ON	N22.14257 E113.90816	41 m	0:00:13	11 kph
18/1/2016 14:53	ON	N22.14261 E113.90864	50 m	0:00:15	12 kph
18/1/2016 14:53	ON	N22.14279 E113.90919	60 m	0:00:17	13 kph
18/1/2016 14:54	ON	N22.14286 E113.90974	57 m	0:00:16	13 kph
18/1/2016 14:54	ON	N22.14281 E113.91035	63 m	0:00:18	13 kph
18/1/2016 14:54	ON	N22.14272 E113.91092	59 m	0:00:17	13 kph
18/1/2016 14:55	ON	N22.14259 E113.91159	70 m	0:00:20	13 kph
18/1/2016 14:55	ON	N22.14247 E113.91212	57 m	0:00:16	13 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 14:55	ON	N22.14237 E113.91270	61 m	0:00:17	13 kph
18/1/2016 14:55	ON	N22.14229 E113.91333	65 m	0:00:18	13 kph
18/1/2016 14:56	ON	N22.14223 E113.91397	67 m	0:00:19	13 kph
18/1/2016 14:56	ON	N22.14215 E113.91451	56 m	0:00:16	13 kph
18/1/2016 14:56	ON	N22.14206 E113.91513	65 m	0:00:18	13 kph
18/1/2016 14:57	ON	N22.14203 E113.91574	63 m	0:00:18	13 kph
18/1/2016 14:57	ON	N22.14197 E113.91637	65 m	0:00:18	13 kph
18/1/2016 14:57	ON	N22.14191 E113.91698	63 m	0:00:18	13 kph
18/1/2016 14:57	ON	N22.14197 E113.91760	64 m	0:00:19	12 kph
18/1/2016 14:58	ON	N22.14234 E113.91774	43 m	0:00:13	12 kph
18/1/2016 14:58	ON	N22.14286 E113.91771	58 m	0:00:15	14 kph
18/1/2016 14:58	ON	N22.14348 E113.91781	70 m	0:00:18	14 kph
18/1/2016 14:58	ON	N22.14396 E113.91793	55 m	0:00:14	14 kph
18/1/2016 14:59	ON	N22.14439 E113.91794	48 m	0:00:12	14 kph
18/1/2016 14:59	ON	N22.14496 E113.91795	64 m	0:00:16	14 kph
18/1/2016 14:59	ON	N22.14549 E113.91797	60 m	0:00:15	14 kph
18/1/2016 14:59	ON	N22.14606 E113.91799	63 m	0:00:16	14 kph
18/1/2016 15:00	ON	N22.14642 E113.91798	40 m	0:00:10	14 kph
18/1/2016 15:00	ON	N22.14692 E113.91795	56 m	0:00:14	14 kph
18/1/2016 15:00	ON	N22.14739 E113.91792	52 m	0:00:13	14 kph
18/1/2016 15:00	ON	N22.14793 E113.91791	60 m	0:00:15	14 kph
18/1/2016 15:01	ON	N22.14847 E113.91787	60 m	0:00:15	14 kph
18/1/2016 15:01	ON	N22.14908 E113.91781	69 m	0:00:17	15 kph
18/1/2016 15:01	ON	N22.14959 E113.91778	57 m	0:00:14	15 kph
18/1/2016 15:01	ON	N22.15006 E113.91780	52 m	0:00:13	14 kph
18/1/2016 15:02	ON	N22.15064 E113.91782	64 m	0:00:16	14 kph
18/1/2016 15:02	ON	N22.15136 E113.91786	81 m	0:00:20	15 kph
18/1/2016 15:02	ON	N22.15183 E113.91788	53 m	0:00:13	15 kph
18/1/2016 15:02	ON	N22.15227 E113.91790	48 m	0:00:12	14 kph
18/1/2016 15:03	ON	N22.15288 E113.91796	69 m	0:00:17	15 kph
18/1/2016 15:03	ON	N22.15342 E113.91802	61 m	0:00:15	15 kph
18/1/2016 15:03	ON	N22.15405 E113.91807	70 m	0:00:17	15 kph
18/1/2016 15:03	ON	N22.15479 E113.91811	83 m	0:00:20	15 kph
18/1/2016 15:04	ON	N22.15564 E113.91815	95 m	0:00:23	15 kph
18/1/2016 15:04	ON	N22.15622 E113.91814	65 m	0:00:16	15 kph
18/1/2016 15:04	ON	N22.15670 E113.91813	53 m	0:00:13	15 kph
18/1/2016 15:05	ON	N22.15733 E113.91812	70 m	0:00:17	15 kph
18/1/2016 15:05	ON	N22.15787 E113.91813	60 m	0:00:15	14 kph
18/1/2016 15:05	ON	N22.15840 E113.91811	59 m	0:00:15	14 kph
18/1/2016 15:05	ON	N22.15904 E113.91812	71 m	0:00:18	14 kph
18/1/2016 15:06	ON	N22.15964 E113.91812	67 m	0:00:17	14 kph
18/1/2016 15:06	ON	N22.16022 E113.91812	64 m	0:00:16	14 kph
18/1/2016 15:06	ON	N22.16094 E113.91817	80 m	0:00:20	14 kph
18/1/2016 15:07	ON	N22.16151 E113.91825	64 m	0:00:16	14 kph
18/1/2016 15:07	ON	N22.16197 E113.91833	52 m	0:00:13	14 kph
18/1/2016 15:07	ON	N22.16262 E113.91845	73 m	0:00:18	15 kph
18/1/2016 15:07	ON	N22.16312 E113.91853	57 m	0:00:14	15 kph
18/1/2016 15:08	ON	N22.16363 E113.91861	57 m	0:00:14	15 kph
18/1/2016 15:08	ON	N22.16425 E113.91869	70 m	0:00:17	15 kph
18/1/2016 15:08	ON	N22.16495 E113.91881	79 m	0:00:19	15 kph
18/1/2016 15:08	ON	N22.16550 E113.91889	63 m	0:00:15	15 kph
18/1/2016 15:09	ON	N22.16602 E113.91896	58 m	0:00:14	15 kph
18/1/2016 15:09	ON	N22.16662 E113.91903	67 m	0:00:16	15 kph
18/1/2016 15:09	ON	N22.16726 E113.91911	72 m	0:00:17	15 kph
18/1/2016 15:09	ON	N22.16786 E113.91920	68 m	0:00:16	15 kph
18/1/2016 15:10	ON	N22.16850 E113.91929	72 m	0:00:17	15 kph
18/1/2016 15:10	ON	N22.16899 E113.91935	54 m	0:00:13	15 kph
18/1/2016 15:10	ON	N22.16966 E113.91943	75 m	0:00:18	15 kph
18/1/2016 15:11	ON	N22.17025 E113.91953	66 m	0:00:16	15 kph
18/1/2016 15:11	ON	N22.17090 E113.91963	74 m	0:00:18	15 kph
18/1/2016 15:11	ON	N22.17142 E113.91968	58 m	0:00:14	15 kph
18/1/2016 15:11	ON	N22.17208 E113.91979	74 m	0:00:18	15 kph
18/1/2016 15:12	ON	N22.17273 E113.91994	74 m	0:00:18	15 kph
18/1/2016 15:12	ON	N22.17327 E113.92002	60 m	0:00:15	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 15:12	ON	N22.17391 E113.92011	72 m	0:00:18	14 kph
18/1/2016 15:12	ON	N22.17438 E113.92017	52 m	0:00:13	15 kph
18/1/2016 15:13	ON	N22.17487 E113.92024	56 m	0:00:14	14 kph
18/1/2016 15:13	ON	N22.17540 E113.92035	60 m	0:00:15	14 kph
18/1/2016 15:13	ON	N22.17598 E113.92056	68 m	0:00:17	14 kph
18/1/2016 15:13	ON	N22.17641 E113.92074	51 m	0:00:13	14 kph
18/1/2016 15:14	ON	N22.17696 E113.92094	65 m	0:00:16	15 kph
18/1/2016 15:14	ON	N22.17759 E113.92116	73 m	0:00:18	15 kph
18/1/2016 15:14	ON	N22.17829 E113.92149	85 m	0:00:21	15 kph
18/1/2016 15:15	ON	N22.17891 E113.92179	75 m	0:00:18	15 kph
18/1/2016 15:15	ON	N22.17969 E113.92199	90 m	0:00:21	15 kph
18/1/2016 15:15	ON	N22.18039 E113.92194	78 m	0:00:18	16 kph
18/1/2016 15:16	ON	N22.18114 E113.92175	86 m	0:00:20	16 kph
18/1/2016 15:16	ON	N22.18182 E113.92135	86 m	0:00:20	15 kph
18/1/2016 15:16	ON	N22.18257 E113.92082	100 m	0:00:24	15 kph
18/1/2016 15:17	ON	N22.18318 E113.92028	88 m	0:00:21	15 kph
18/1/2016 15:17	ON	N22.18377 E113.91977	84 m	0:00:20	15 kph
18/1/2016 15:17	ON	N22.18440 E113.91925	88 m	0:00:21	15 kph
18/1/2016 15:18	ON	N22.18502 E113.91884	81 m	0:00:19	15 kph
18/1/2016 15:18	ON	N22.18566 E113.91833	88 m	0:00:21	15 kph
18/1/2016 15:18	ON	N22.18631 E113.91793	83 m	0:00:20	15 kph
18/1/2016 15:19	ON	N22.18696 E113.91785	73 m	0:00:18	15 kph
18/1/2016 15:19	ON	N22.18762 E113.91779	73 m	0:00:18	15 kph
18/1/2016 15:19	ON	N22.18832 E113.91769	79 m	0:00:19	15 kph
18/1/2016 15:20	ON	N22.18902 E113.91762	78 m	0:00:19	15 kph
18/1/2016 15:20	ON	N22.18972 E113.91756	79 m	0:00:19	15 kph
18/1/2016 15:20	ON	N22.19035 E113.91751	70 m	0:00:17	15 kph
18/1/2016 15:21	ON	N22.19105 E113.91745	78 m	0:00:19	15 kph
18/1/2016 15:21	ON	N22.19175 E113.91739	78 m	0:00:19	15 kph
18/1/2016 15:21	ON	N22.19254 E113.91731	88 m	0:00:21	15 kph
18/1/2016 15:21	ON	N22.19313 E113.91725	66 m	0:00:16	15 kph
18/1/2016 15:22	ON	N22.19378 E113.91719	73 m	0:00:18	15 kph
18/1/2016 15:22	ON	N22.19441 E113.91716	70 m	0:00:17	15 kph
18/1/2016 15:22	ON	N22.19515 E113.91710	82 m	0:00:20	15 kph
18/1/2016 15:23	ON	N22.19574 E113.91709	66 m	0:00:16	15 kph
18/1/2016 15:23	ON	N22.19644 E113.91714	78 m	0:00:19	15 kph
18/1/2016 15:23	ON	N22.19702 E113.91716	65 m	0:00:16	15 kph
18/1/2016 15:23	ON	N22.19743 E113.91714	46 m	0:00:11	15 kph
18/1/2016 15:24	ON	N22.19791 E113.91708	54 m	0:00:13	15 kph
18/1/2016 15:24	ON	N22.19847 E113.91716	63 m	0:00:16	14 kph
18/1/2016 15:24	ON	N22.19902 E113.91742	68 m	0:00:17	14 kph
18/1/2016 15:24	ON	N22.19940 E113.91758	45 m	0:00:12	14 kph
18/1/2016 15:25	ON	N22.19994 E113.91772	62 m	0:00:17	13 kph
18/1/2016 15:25	ON	N22.20034 E113.91778	44 m	0:00:16	10 kph
18/1/2016 15:25	ON	N22.20077 E113.91783	49 m	0:00:14	13 kph
18/1/2016 15:25	ON	N22.20141 E113.91793	72 m	0:00:18	14 kph
18/1/2016 15:26	ON	N22.20212 E113.91790	79 m	0:00:20	14 kph
18/1/2016 15:26	ON	N22.20260 E113.91795	53 m	0:00:14	14 kph
18/1/2016 15:26	ON	N22.20327 E113.91800	74 m	0:00:19	14 kph
18/1/2016 15:27	ON	N22.20376 E113.91796	56 m	0:00:14	14 kph
18/1/2016 15:27	ON	N22.20436 E113.91799	67 m	0:00:17	14 kph
18/1/2016 15:27	ON	N22.20494 E113.91791	65 m	0:00:17	14 kph
18/1/2016 15:27	ON	N22.20526 E113.91820	46 m	0:00:14	12 kph
18/1/2016 15:28	ON	N22.20541 E113.91867	51 m	0:00:14	13 kph
18/1/2016 15:28	ON	N22.20549 E113.91908	44 m	0:00:12	13 kph
18/1/2016 15:28	ON	N22.20554 E113.91973	67 m	0:00:18	13 kph
18/1/2016 15:28	ON	N22.20557 E113.92026	55 m	0:00:15	13 kph
18/1/2016 15:29	ON	N22.20559 E113.92094	70 m	0:00:19	13 kph
18/1/2016 15:29	ON	N22.20558 E113.92141	49 m	0:00:13	14 kph
18/1/2016 15:29	ON	N22.20562 E113.92210	71 m	0:00:19	13 kph
18/1/2016 15:29	ON	N22.20564 E113.92257	48 m	0:00:13	13 kph
18/1/2016 15:30	ON	N22.20565 E113.92317	62 m	0:00:17	13 kph
18/1/2016 15:30	ON	N22.20565 E113.92370	55 m	0:00:15	13 kph
18/1/2016 15:30	ON	N22.20567 E113.92419	51 m	0:00:14	13 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 15:30	ON	N22.20567 E113.92453	34 m	0:00:10	12 kph
18/1/2016 15:31	ON	N22.20569 E113.92502	51 m	0:00:14	13 kph
18/1/2016 15:31	ON	N22.20570 E113.92562	62 m	0:00:17	13 kph
18/1/2016 15:31	ON	N22.20570 E113.92626	66 m	0:00:18	13 kph
18/1/2016 15:31	ON	N22.20564 E113.92679	55 m	0:00:15	13 kph
18/1/2016 15:32	ON	N22.20555 E113.92722	45 m	0:00:13	13 kph
18/1/2016 15:32	ON	N22.20522 E113.92740	41 m	0:00:13	11 kph
18/1/2016 15:32	ON	N22.20478 E113.92741	49 m	0:00:13	14 kph
18/1/2016 15:32	ON	N22.20421 E113.92746	64 m	0:00:16	14 kph
18/1/2016 15:33	ON	N22.20372 E113.92752	55 m	0:00:14	14 kph
18/1/2016 15:33	ON	N22.20325 E113.92751	52 m	0:00:13	14 kph
18/1/2016 15:33	ON	N22.20282 E113.92750	48 m	0:00:12	14 kph
18/1/2016 15:33	ON	N22.20236 E113.92749	52 m	0:00:13	14 kph
18/1/2016 15:33	ON	N22.20183 E113.92751	59 m	0:00:15	14 kph
18/1/2016 15:34	ON	N22.20136 E113.92753	52 m	0:00:13	14 kph
18/1/2016 15:34	ON	N22.20082 E113.92752	60 m	0:00:15	14 kph
18/1/2016 15:34	ON	N22.20030 E113.92759	59 m	0:00:15	14 kph
18/1/2016 15:34	ON	N22.19977 E113.92764	59 m	0:00:15	14 kph
18/1/2016 15:35	ON	N22.19931 E113.92762	52 m	0:00:13	14 kph
18/1/2016 15:35	ON	N22.19881 E113.92763	55 m	0:00:14	14 kph
18/1/2016 15:35	ON	N22.19832 E113.92763	55 m	0:00:14	14 kph
18/1/2016 15:35	ON	N22.19775 E113.92763	63 m	0:00:16	14 kph
18/1/2016 15:36	ON	N22.19707 E113.92760	76 m	0:00:19	14 kph
18/1/2016 15:36	ON	N22.19662 E113.92756	51 m	0:00:13	14 kph
18/1/2016 15:36	ON	N22.19599 E113.92753	69 m	0:00:18	14 kph
18/1/2016 15:36	ON	N22.19552 E113.92755	53 m	0:00:14	14 kph
18/1/2016 15:37	ON	N22.19504 E113.92752	54 m	0:00:14	14 kph
18/1/2016 15:37	ON	N22.19460 E113.92747	49 m	0:00:13	14 kph
18/1/2016 15:37	ON	N22.19416 E113.92745	49 m	0:00:13	13 kph
18/1/2016 15:37	ON	N22.19352 E113.92747	71 m	0:00:19	13 kph
18/1/2016 15:38	ON	N22.19305 E113.92749	53 m	0:00:14	14 kph
18/1/2016 15:38	ON	N22.19254 E113.92751	57 m	0:00:15	14 kph
18/1/2016 15:38	ON	N22.19204 E113.92754	56 m	0:00:15	14 kph
18/1/2016 15:38	ON	N22.19150 E113.92756	60 m	0:00:16	14 kph
18/1/2016 15:39	ON	N22.19105 E113.92756	50 m	0:00:13	14 kph
18/1/2016 15:39	ON	N22.19059 E113.92752	51 m	0:00:13	14 kph
18/1/2016 15:39	ON	N22.19001 E113.92749	65 m	0:00:17	14 kph
18/1/2016 15:39	ON	N22.18945 E113.92745	61 m	0:00:16	14 kph
18/1/2016 15:40	ON	N22.18896 E113.92746	56 m	0:00:15	13 kph
18/1/2016 15:40	ON	N22.18848 E113.92748	53 m	0:00:14	14 kph
18/1/2016 15:40	ON	N22.18804 E113.92749	49 m	0:00:13	14 kph
18/1/2016 15:40	ON	N22.18757 E113.92749	53 m	0:00:14	14 kph
18/1/2016 15:41	ON	N22.18695 E113.92742	69 m	0:00:18	14 kph
18/1/2016 15:41	ON	N22.18645 E113.92742	56 m	0:00:15	13 kph
18/1/2016 15:41	ON	N22.18598 E113.92747	53 m	0:00:14	14 kph
18/1/2016 15:41	ON	N22.18551 E113.92753	52 m	0:00:14	13 kph
18/1/2016 15:42	ON	N22.18505 E113.92756	52 m	0:00:14	13 kph
18/1/2016 15:42	ON	N22.18457 E113.92756	53 m	0:00:14	14 kph
18/1/2016 15:42	ON	N22.18406 E113.92754	57 m	0:00:15	14 kph
18/1/2016 15:42	ON	N22.18358 E113.92751	53 m	0:00:14	14 kph
18/1/2016 15:43	ON	N22.18311 E113.92748	52 m	0:00:14	13 kph
18/1/2016 15:43	ON	N22.18264 E113.92748	52 m	0:00:14	13 kph
18/1/2016 15:43	ON	N22.18214 E113.92749	56 m	0:00:15	14 kph
18/1/2016 15:43	ON	N22.18153 E113.92750	68 m	0:00:18	14 kph
18/1/2016 15:44	ON	N22.18105 E113.92751	53 m	0:00:14	14 kph
18/1/2016 15:44	ON	N22.18051 E113.92754	60 m	0:00:16	14 kph
18/1/2016 15:44	ON	N22.17994 E113.92759	63 m	0:00:17	13 kph
18/1/2016 15:44	ON	N22.17938 E113.92757	63 m	0:00:17	13 kph
18/1/2016 15:45	ON	N22.17884 E113.92753	60 m	0:00:16	13 kph
18/1/2016 15:45	ON	N22.17829 E113.92749	61 m	0:00:16	14 kph
18/1/2016 15:45	ON	N22.17782 E113.92751	52 m	0:00:14	13 kph
18/1/2016 15:45	ON	N22.17736 E113.92759	52 m	0:00:14	13 kph
18/1/2016 15:46	ON	N22.17678 E113.92758	64 m	0:00:17	14 kph
18/1/2016 15:46	ON	N22.17630 E113.92755	54 m	0:00:14	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 15:46	ON	N22.17579 E113.92756	57 m	0:00:15	14 kph
18/1/2016 15:46	ON	N22.17520 E113.92755	65 m	0:00:17	14 kph
18/1/2016 15:47	ON	N22.17465 E113.92752	61 m	0:00:16	14 kph
18/1/2016 15:47	ON	N22.17423 E113.92752	47 m	0:00:12	14 kph
18/1/2016 15:47	ON	N22.17375 E113.92754	53 m	0:00:14	14 kph
18/1/2016 15:47	ON	N22.17327 E113.92753	53 m	0:00:14	14 kph
18/1/2016 15:48	ON	N22.17282 E113.92753	51 m	0:00:13	14 kph
18/1/2016 15:48	ON	N22.17228 E113.92753	61 m	0:00:16	14 kph
18/1/2016 15:48	ON	N22.17172 E113.92753	62 m	0:00:16	14 kph
18/1/2016 15:48	ON	N22.17107 E113.92754	72 m	0:00:19	14 kph
18/1/2016 15:49	ON	N22.17056 E113.92752	57 m	0:00:15	14 kph
18/1/2016 15:49	ON	N22.16993 E113.92752	69 m	0:00:18	14 kph
18/1/2016 15:49	ON	N22.16949 E113.92753	50 m	0:00:13	14 kph
18/1/2016 15:49	ON	N22.16891 E113.92754	65 m	0:00:17	14 kph
18/1/2016 15:50	ON	N22.16843 E113.92754	54 m	0:00:14	14 kph
18/1/2016 15:50	ON	N22.16799 E113.92752	49 m	0:00:13	14 kph
18/1/2016 15:50	ON	N22.16747 E113.92749	57 m	0:00:15	14 kph
18/1/2016 15:50	ON	N22.16693 E113.92750	60 m	0:00:16	14 kph
18/1/2016 15:51	ON	N22.16639 E113.92748	60 m	0:00:16	14 kph
18/1/2016 15:51	ON	N22.16589 E113.92742	57 m	0:00:15	14 kph
18/1/2016 15:51	ON	N22.16534 E113.92742	61 m	0:00:16	14 kph
18/1/2016 15:51	ON	N22.16489 E113.92744	49 m	0:00:13	14 kph
18/1/2016 15:52	ON	N22.16425 E113.92745	72 m	0:00:19	14 kph
18/1/2016 15:52	ON	N22.16370 E113.92748	61 m	0:00:16	14 kph
18/1/2016 15:52	ON	N22.16306 E113.92751	72 m	0:00:19	14 kph
18/1/2016 15:53	ON	N22.16261 E113.92750	50 m	0:00:13	14 kph
18/1/2016 15:53	ON	N22.16207 E113.92758	61 m	0:00:16	14 kph
18/1/2016 15:53	ON	N22.16160 E113.92765	53 m	0:00:14	14 kph
18/1/2016 15:53	ON	N22.16104 E113.92769	62 m	0:00:16	14 kph
18/1/2016 15:54	ON	N22.16047 E113.92764	64 m	0:00:17	14 kph
18/1/2016 15:54	ON	N22.15986 E113.92757	69 m	0:00:18	14 kph
18/1/2016 15:54	ON	N22.15931 E113.92758	61 m	0:00:16	14 kph
18/1/2016 15:54	ON	N22.15883 E113.92759	53 m	0:00:14	14 kph
18/1/2016 15:55	ON	N22.15833 E113.92760	56 m	0:00:15	13 kph
18/1/2016 15:55	ON	N22.15786 E113.92763	52 m	0:00:14	13 kph
18/1/2016 15:55	ON	N22.15739 E113.92765	52 m	0:00:14	13 kph
18/1/2016 15:55	ON	N22.15691 E113.92763	53 m	0:00:14	14 kph
18/1/2016 15:56	ON	N22.15654 E113.92761	42 m	0:00:11	14 kph
18/1/2016 15:56	ON	N22.15606 E113.92756	53 m	0:00:14	14 kph
18/1/2016 15:56	ON	N22.15559 E113.92752	53 m	0:00:14	14 kph
18/1/2016 15:56	ON	N22.15518 E113.92750	45 m	0:00:12	14 kph
18/1/2016 15:56	ON	N22.15464 E113.92747	61 m	0:00:16	14 kph
18/1/2016 15:57	ON	N22.15426 E113.92744	42 m	0:00:11	14 kph
18/1/2016 15:57	ON	N22.15389 E113.92746	42 m	0:00:11	14 kph
18/1/2016 15:57	ON	N22.15352 E113.92751	41 m	0:00:11	13 kph
18/1/2016 15:57	ON	N22.15303 E113.92762	56 m	0:00:15	13 kph
18/1/2016 15:58	ON	N22.15259 E113.92768	49 m	0:00:13	14 kph
18/1/2016 15:58	ON	N22.15208 E113.92765	58 m	0:00:15	14 kph
18/1/2016 15:58	ON	N22.15159 E113.92755	55 m	0:00:14	14 kph
18/1/2016 15:58	ON	N22.15114 E113.92751	50 m	0:00:13	14 kph
18/1/2016 15:58	ON	N22.15059 E113.92744	62 m	0:00:16	14 kph
18/1/2016 15:59	ON	N22.15003 E113.92739	63 m	0:00:16	14 kph
18/1/2016 15:59	ON	N22.14962 E113.92743	46 m	0:00:12	14 kph
18/1/2016 15:59	ON	N22.14911 E113.92745	57 m	0:00:15	14 kph
18/1/2016 15:59	ON	N22.14856 E113.92741	62 m	0:00:16	14 kph
18/1/2016 16:00	ON	N22.14807 E113.92740	54 m	0:00:14	14 kph
18/1/2016 16:00	ON	N22.14741 E113.92744	73 m	0:00:19	14 kph
18/1/2016 16:00	ON	N22.14689 E113.92748	58 m	0:00:15	14 kph
18/1/2016 16:00	ON	N22.14648 E113.92749	46 m	0:00:12	14 kph
18/1/2016 16:01	ON	N22.14611 E113.92743	42 m	0:00:11	14 kph
18/1/2016 16:01	ON	N22.14559 E113.92737	58 m	0:00:15	14 kph
18/1/2016 16:01	ON	N22.14510 E113.92747	55 m	0:00:15	13 kph
18/1/2016 16:01	ON	N22.14444 E113.92742	74 m	0:00:19	14 kph
18/1/2016 16:02	ON	N22.14405 E113.92751	44 m	0:00:12	13 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 16:02	ON	N22.14361 E113.92757	50 m	0:00:13	14 kph
18/1/2016 16:02	ON	N22.14326 E113.92781	46 m	0:00:14	12 kph
18/1/2016 16:02	ON	N22.14322 E113.92835	57 m	0:00:17	12 kph
18/1/2016 16:03	ON	N22.14337 E113.92876	45 m	0:00:13	12 kph
18/1/2016 16:03	ON	N22.14364 E113.92919	54 m	0:00:15	13 kph
18/1/2016 16:03	ON	N22.14395 E113.92969	62 m	0:00:17	13 kph
18/1/2016 16:03	ON	N22.14424 E113.93008	52 m	0:00:14	13 kph
18/1/2016 16:04	ON	N22.14459 E113.93054	62 m	0:00:17	13 kph
18/1/2016 16:04	ON	N22.14504 E113.93111	77 m	0:00:21	13 kph
18/1/2016 16:04	ON	N22.14538 E113.93154	58 m	0:00:16	13 kph
18/1/2016 16:05	ON	N22.14576 E113.93203	66 m	0:00:18	13 kph
18/1/2016 16:05	ON	N22.14609 E113.93248	59 m	0:00:16	13 kph
18/1/2016 16:05	ON	N22.14645 E113.93294	62 m	0:00:17	13 kph
18/1/2016 16:05	ON	N22.14681 E113.93337	60 m	0:00:16	13 kph
18/1/2016 16:06	ON	N22.14726 E113.93391	75 m	0:00:20	13 kph
18/1/2016 16:06	ON	N22.14766 E113.93444	71 m	0:00:19	13 kph
18/1/2016 16:06	ON	N22.14802 E113.93487	59 m	0:00:16	13 kph
18/1/2016 16:07	ON	N22.14837 E113.93529	59 m	0:00:16	13 kph
18/1/2016 16:07	ON	N22.14872 E113.93573	59 m	0:00:16	13 kph
18/1/2016 16:07	ON	N22.14912 E113.93624	69 m	0:00:19	13 kph
18/1/2016 16:07	ON	N22.14948 E113.93661	56 m	0:00:15	13 kph
18/1/2016 16:08	ON	N22.15000 E113.93677	60 m	0:00:16	14 kph
18/1/2016 16:08	ON	N22.15049 E113.93685	55 m	0:00:14	14 kph
18/1/2016 16:08	ON	N22.15091 E113.93691	47 m	0:00:12	14 kph
18/1/2016 16:08	ON	N22.15144 E113.93698	60 m	0:00:15	14 kph
18/1/2016 16:09	ON	N22.15203 E113.93697	65 m	0:00:16	15 kph
18/1/2016 16:09	ON	N22.15246 E113.93694	48 m	0:00:12	15 kph
18/1/2016 16:09	ON	N22.15293 E113.93695	52 m	0:00:13	14 kph
18/1/2016 16:09	ON	N22.15340 E113.93695	53 m	0:00:13	15 kph
18/1/2016 16:09	ON	N22.15391 E113.93693	57 m	0:00:14	15 kph
18/1/2016 16:10	ON	N22.15448 E113.93693	63 m	0:00:16	14 kph
18/1/2016 16:10	ON	N22.15514 E113.93693	74 m	0:00:18	15 kph
18/1/2016 16:10	ON	N22.15554 E113.93691	44 m	0:00:11	15 kph
18/1/2016 16:10	ON	N22.15596 E113.93691	47 m	0:00:12	14 kph
18/1/2016 16:11	ON	N22.15650 E113.93694	60 m	0:00:15	14 kph
18/1/2016 16:11	ON	N22.15703 E113.93701	59 m	0:00:15	14 kph
18/1/2016 16:11	ON	N22.15757 E113.93704	60 m	0:00:15	14 kph
18/1/2016 16:11	ON	N22.15804 E113.93705	52 m	0:00:13	14 kph
18/1/2016 16:12	ON	N22.15858 E113.93706	60 m	0:00:15	14 kph
18/1/2016 16:12	ON	N22.15924 E113.93700	74 m	0:00:18	15 kph
18/1/2016 16:12	ON	N22.15978 E113.93693	61 m	0:00:15	15 kph
18/1/2016 16:12	ON	N22.16039 E113.93691	68 m	0:00:17	14 kph
18/1/2016 16:13	ON	N22.16089 E113.93691	56 m	0:00:14	14 kph
18/1/2016 16:13	ON	N22.16143 E113.93692	60 m	0:00:15	14 kph
18/1/2016 16:13	ON	N22.16204 E113.93692	68 m	0:00:17	14 kph
18/1/2016 16:14	ON	N22.16261 E113.93690	64 m	0:00:16	14 kph
18/1/2016 16:14	ON	N22.16305 E113.93688	48 m	0:00:12	15 kph
18/1/2016 16:14	ON	N22.16369 E113.93687	71 m	0:00:18	14 kph
18/1/2016 16:14	ON	N22.16422 E113.93690	60 m	0:00:15	14 kph
18/1/2016 16:14	ON	N22.16461 E113.93692	43 m	0:00:11	14 kph
18/1/2016 16:15	ON	N22.16512 E113.93694	56 m	0:00:14	14 kph
18/1/2016 16:15	ON	N22.16569 E113.93695	64 m	0:00:16	14 kph
18/1/2016 16:15	ON	N22.16620 E113.93692	57 m	0:00:14	15 kph
18/1/2016 16:15	ON	N22.16679 E113.93688	65 m	0:00:16	15 kph
18/1/2016 16:16	ON	N22.16729 E113.93687	56 m	0:00:14	14 kph
18/1/2016 16:16	ON	N22.16775 E113.93688	52 m	0:00:13	14 kph
18/1/2016 16:16	ON	N22.16829 E113.93690	60 m	0:00:15	14 kph
18/1/2016 16:16	ON	N22.16884 E113.93686	61 m	0:00:15	15 kph
18/1/2016 16:17	ON	N22.16938 E113.93683	61 m	0:00:15	15 kph
18/1/2016 16:17	ON	N22.17000 E113.93684	68 m	0:00:17	14 kph
18/1/2016 16:17	ON	N22.17054 E113.93686	60 m	0:00:15	14 kph
18/1/2016 16:17	ON	N22.17094 E113.93683	44 m	0:00:11	14 kph
18/1/2016 16:18	ON	N22.17144 E113.93682	56 m	0:00:14	14 kph
18/1/2016 16:18	ON	N22.17201 E113.93686	64 m	0:00:16	14 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 16:18	ON	N22.17259 E113.93688	64 m	0:00:16	14 kph
18/1/2016 16:18	ON	N22.17317 E113.93687	64 m	0:00:16	14 kph
18/1/2016 16:19	ON	N22.17368 E113.93688	56 m	0:00:14	14 kph
18/1/2016 16:19	ON	N22.17421 E113.93690	60 m	0:00:15	14 kph
18/1/2016 16:19	ON	N22.17461 E113.93692	44 m	0:00:11	14 kph
18/1/2016 16:19	ON	N22.17507 E113.93693	52 m	0:00:13	14 kph
18/1/2016 16:20	ON	N22.17554 E113.93692	52 m	0:00:13	14 kph
18/1/2016 16:20	ON	N22.17604 E113.93695	55 m	0:00:14	14 kph
18/1/2016 16:20	ON	N22.17657 E113.93699	60 m	0:00:15	14 kph
18/1/2016 16:20	ON	N22.17726 E113.93704	76 m	0:00:19	14 kph
18/1/2016 16:21	ON	N22.17791 E113.93702	73 m	0:00:18	15 kph
18/1/2016 16:21	ON	N22.17860 E113.93698	77 m	0:00:19	15 kph
18/1/2016 16:21	ON	N22.17926 E113.93699	73 m	0:00:18	15 kph
18/1/2016 16:21	ON	N22.17980 E113.93697	61 m	0:00:15	15 kph
18/1/2016 16:22	ON	N22.18053 E113.93693	81 m	0:00:20	15 kph
18/1/2016 16:22	ON	N22.18111 E113.93693	65 m	0:00:16	15 kph
18/1/2016 16:22	ON	N22.18183 E113.93694	80 m	0:00:20	14 kph
18/1/2016 16:23	ON	N22.18244 E113.93691	68 m	0:00:17	14 kph
18/1/2016 16:23	ON	N22.18305 E113.93693	68 m	0:00:17	14 kph
18/1/2016 16:23	ON	N22.18362 E113.93697	64 m	0:00:16	14 kph
18/1/2016 16:24	ON	N22.18420 E113.93699	64 m	0:00:16	14 kph
18/1/2016 16:24	ON	N22.18503 E113.93694	92 m	0:00:23	14 kph
18/1/2016 16:24	ON	N22.18575 E113.93689	81 m	0:00:20	15 kph
18/1/2016 16:25	ON	N22.18645 E113.93684	77 m	0:00:19	15 kph
18/1/2016 16:25	ON	N22.18721 E113.93681	85 m	0:00:21	15 kph
18/1/2016 16:25	ON	N22.18793 E113.93684	80 m	0:00:20	14 kph
18/1/2016 16:25	ON	N22.18851 E113.93686	64 m	0:00:16	14 kph
18/1/2016 16:26	ON	N22.18916 E113.93687	73 m	0:00:18	15 kph
18/1/2016 16:26	ON	N22.18985 E113.93689	76 m	0:00:19	14 kph
18/1/2016 16:26	ON	N22.19038 E113.93690	60 m	0:00:15	14 kph
18/1/2016 16:27	ON	N22.19104 E113.93689	73 m	0:00:18	15 kph
18/1/2016 16:27	ON	N22.19150 E113.93687	51 m	0:00:13	14 kph
18/1/2016 16:27	ON	N22.19204 E113.93689	60 m	0:00:15	14 kph
18/1/2016 16:27	ON	N22.19265 E113.93695	68 m	0:00:17	14 kph
18/1/2016 16:28	ON	N22.19327 E113.93697	69 m	0:00:17	15 kph
18/1/2016 16:28	ON	N22.19389 E113.93696	69 m	0:00:17	15 kph
18/1/2016 16:28	ON	N22.19461 E113.93692	81 m	0:00:20	15 kph
18/1/2016 16:29	ON	N22.19545 E113.93688	93 m	0:00:23	15 kph
18/1/2016 16:29	ON	N22.19614 E113.93687	77 m	0:00:19	15 kph
18/1/2016 16:29	ON	N22.19671 E113.93687	64 m	0:00:16	14 kph
18/1/2016 16:30	ON	N22.19721 E113.93687	56 m	0:00:14	14 kph
18/1/2016 16:30	ON	N22.19782 E113.93684	68 m	0:00:17	14 kph
18/1/2016 16:30	ON	N22.19835 E113.93685	59 m	0:00:15	14 kph
18/1/2016 16:30	ON	N22.19918 E113.93690	92 m	0:00:23	14 kph
18/1/2016 16:31	ON	N22.19989 E113.93683	80 m	0:00:20	14 kph
18/1/2016 16:31	ON	N22.20061 E113.93680	80 m	0:00:20	14 kph
18/1/2016 16:31	ON	N22.20124 E113.93685	70 m	0:00:18	14 kph
18/1/2016 16:32	ON	N22.20184 E113.93686	66 m	0:00:17	14 kph
18/1/2016 16:32	ON	N22.20246 E113.93684	70 m	0:00:18	14 kph
18/1/2016 16:32	ON	N22.20316 E113.93685	78 m	0:00:20	14 kph
18/1/2016 16:33	ON	N22.20396 E113.93689	89 m	0:00:23	14 kph
18/1/2016 16:33	ON	N22.20459 E113.93690	70 m	0:00:18	14 kph
18/1/2016 16:33	ON	N22.20526 E113.93694	75 m	0:00:19	14 kph
18/1/2016 16:34	ON	N22.20596 E113.93695	78 m	0:00:20	14 kph
18/1/2016 16:34	ON	N22.20670 E113.93694	83 m	0:00:21	14 kph
18/1/2016 16:34	ON	N22.20736 E113.93690	74 m	0:00:19	14 kph
18/1/2016 16:35	ON	N22.20807 E113.93687	79 m	0:00:20	14 kph
18/1/2016 16:35	ON	N22.20850 E113.93684	48 m	0:00:19	9 kph
18/1/2016 16:35	ON	N22.20870 E113.93678	23 m	0:00:15	6 kph
18/1/2016 16:35	OFF	N22.20871 E113.93678	1 m	0:00:01	5 kph
18/1/2016 16:35	OFF	N22.20885 E113.93671	16 m	0:00:16	4 kph
18/1/2016 16:36	OFF	N22.20896 E113.93664	15 m	0:00:19	3 kph
18/1/2016 16:36	OFF	N22.20903 E113.93660	8 m	0:00:13	2 kph
18/1/2016 16:36	OFF	N22.20908 E113.93655	7 m	0:00:15	2 kph

Appendix I. (cont'd)

Date & Time	EFFORT	Position	Leg Length	Leg Time	Leg Speed
18/1/2016 16:37	OFF	N22.20911 E113.93652	5 m	0:00:14	1.2 kph
18/1/2016 16:37	OFF	N22.20913 E113.93649	5 m	0:00:13	1.4 kph
18/1/2016 16:37	OFF	N22.20915 E113.93646	3 m	0:00:13	0.9 kph
18/1/2016 16:37	OFF	N22.20916 E113.93644	2 m	0:00:17	0.4 kph
18/1/2016 16:37	OFF	N22.20917 E113.93640	4 m	0:00:13	1.1 kph
18/1/2016 16:38	OFF	N22.20918 E113.93637	4 m	0:00:11	1.3 kph
18/1/2016 16:38	OFF	N22.20920 E113.93629	8 m	0:00:14	2 kph
18/1/2016 16:38	OFF	N22.20921 E113.93621	8 m	0:00:20	1.5 kph
18/1/2016 16:38	OFF	N22.20922 E113.93616	5 m	0:00:17	1.1 kph
18/1/2016 16:39	OFF	N22.20921 E113.93610	6 m	0:00:18	1.2 kph
18/1/2016 16:39	OFF	N22.20920 E113.93605	6 m	0:00:16	1.4 kph
18/1/2016 16:39	OFF	N22.20918 E113.93598	7 m	0:00:26	1.0 kph
18/1/2016 16:40	OFF	N22.20917 E113.93592	7 m	0:00:24	1.0 kph
18/1/2016 16:40	OFF	N22.20921 E113.93585	8 m	0:00:14	2 kph
18/1/2016 16:40	OFF	N22.20938 E113.93599	24 m	0:00:16	5 kph
18/1/2016 16:41	OFF	N22.20944 E113.93641	44 m	0:00:14	11 kph
18/1/2016 16:41	ON	N22.20946 E113.93705	66 m	0:00:18	13 kph
18/1/2016 16:41	ON	N22.20973 E113.93728	38 m	0:00:12	11 kph
18/1/2016 16:41	ON	N22.21034 E113.93726	68 m	0:00:18	14 kph
18/1/2016 16:42	ON	N22.21119 E113.93708	97 m	0:00:24	15 kph
18/1/2016 16:42	ON	N22.21195 E113.93704	85 m	0:00:21	14 kph
18/1/2016 16:43	ON	N22.21274 E113.93689	89 m	0:00:22	15 kph
18/1/2016 16:43	ON	N22.21342 E113.93692	76 m	0:00:19	14 kph
18/1/2016 16:43	ON	N22.21422 E113.93685	89 m	0:00:22	14 kph
18/1/2016 16:44	ON	N22.21512 E113.93681	100 m	0:00:25	14 kph
18/1/2016 16:44	ON	N22.21588 E113.93684	86 m	0:00:21	15 kph
18/1/2016 16:44	ON	N22.21685 E113.93689	108 m	0:00:27	14 kph
18/1/2016 16:45	ON	N22.21776 E113.93689	101 m	0:00:25	15 kph
18/1/2016 16:45	ON	N22.21859 E113.93682	93 m	0:00:23	15 kph
18/1/2016 16:46	ON	N22.21942 E113.93686	93 m	0:00:23	15 kph
18/1/2016 16:46	ON	N22.22026 E113.93679	93 m	0:00:23	15 kph
18/1/2016 16:46	ON	N22.22112 E113.93679	97 m	0:00:24	15 kph
18/1/2016 16:47	ON	N22.22193 E113.93672	90 m	0:00:22	15 kph
18/1/2016 16:47	ON	N22.22263 E113.93684	79 m	0:00:20	14 kph

Appendix II. Survey Effort Database in SWL (January 2016)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
5-Jan-16	SW LANTAU	2	15.16	WINTER	STANDARD31516	HKCRP	P
5-Jan-16	SW LANTAU	3	5.70	WINTER	STANDARD31516	HKCRP	S
18-Jan-16	SW LANTAU	1	11.39	WINTER	STANDARD31516	HYD-HZMB	P
18-Jan-16	SW LANTAU	2	39.91	WINTER	STANDARD31516	HYD-HZMB	P
18-Jan-16	SW LANTAU	3	2.20	WINTER	STANDARD31516	HYD-HZMB	P
18-Jan-16	SW LANTAU	1	5.00	WINTER	STANDARD31516	HYD-HZMB	S
18-Jan-16	SW LANTAU	2	10.68	WINTER	STANDARD31516	HYD-HZMB	S
18-Jan-16	SW LANTAU	3	1.08	WINTER	STANDARD31516	HYD-HZMB	S
26-Jan-16	SW LANTAU	2	6.24	WINTER	STANDARD31516	HKCRP	P
26-Jan-16	SW LANTAU	3	15.68	WINTER	STANDARD31516	HKCRP	P
26-Jan-16	SW LANTAU	2	1.97	WINTER	STANDARD31516	HKCRP	S
26-Jan-16	SW LANTAU	3	12.21	WINTER	STANDARD31516	HKCRP	S

Appendix III. Chinese White Dolphin Sighting Database in SWL (January 2016)

(Abberviations: STG# = Sighting Number; HRD SZ = Dolphin Herd Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance; ND = Not Determined; 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
5-Jan-16	5	1518	3	SW LANTAU	2	135	ON	HKCRP	807004	807428	WINTER	NONE	P
18-Jan-16	1	1059	12	SW LANTAU	2	132	ON	HYD-HZMB	805862	802507	WINTER	NONE	P
18-Jan-16	2	1149	1	SW LANTAU	1	169	ON	HYD-HZMB	806944	804169	WINTER	NONE	S
18-Jan-16	3	1232	3	SW LANTAU	2	402	ON	HYD-HZMB	808291	806142	WINTER	NONE	P
18-Jan-16	4	1353	4	SW LANTAU	1	120	ON	HYD-HZMB	805675	807415	WINTER	NONE	P
26-Jan-16	4	1122	5	SW LANTAU	3	305	ON	HKCRP	806194	802590	WINTER	NONE	S

Appendix IV. Individual dolphins identified during HYD-HZMB and AFCD monitoring surveys in SWL waters in January 2016

ID#	DATE	STG#	TYPE	AREA
NL49	18/01/16	1	HYD-HZMB	SW LANTAU
NL165	18/01/16	1	HYD-HZMB	SW LANTAU
NL212	18/01/16	1	HYD-HZMB	SW LANTAU
NL260	18/01/16	1	HYD-HZMB	SW LANTAU
SL50	05/01/16	5	HKCRP	SW LANTAU
WL15	05/01/16	5	HKCRP	SW LANTAU
WL46	18/01/16	1	HYD-HZMB	SW LANTAU
WL130	26/01/16	4	HKCRP	SW LANTAU
WL199	18/01/16	1	HYD-HZMB	SW LANTAU
WL200	26/01/16	4	HKCRP	SW LANTAU
WL216	18/01/16	1	HYD-HZMB	SW LANTAU
WL232	05/01/16	5	HKCRP	SW LANTAU
WL237	18/01/16	1	HYD-HZMB	SW LANTAU
WL265	26/01/16	4	HKCRP	SW LANTAU

Appendix V. Photographs of Identified Individual Dolphins in January 2016 in SWL waters

Appendix V (cont'd).