LIBERTY ONE SHIPMANAGEMENT GmbH & Co. KG
Marine Operations Management System
NAVIGATION

SHIP	BALTIC ISLAND	Voyage Number	10 /2013	DATE	16/12/2013

NO	Description	LATTITUDE	LONGITUDE	BEAC	COURSE	DISTANCES	
		Deg. Min. N/S	Deg. Min. E/W			on this course	total made
1.	Wp 26 Berth No 5	41° 08.214'S	146° 51.750'E	XX	XXXX	XXXX	XXXX
2.	Wp 25 Bell Bay	41° 08.302'S	146° 51.873'E	RL	133.5°	0.13 nm	0.13 nm
3.	Wp 24 Bell Bay	41° 08.836'S	146° 51.147'E	RL	226.2°	0.76 nm	0.89 nm
4.	Wp 23 Sawyer point	41° 08.854'S	146° 50.765'E	RL	264.4°	0.29 nm	1.17 nm
5.	Wp 22 Point Effingham	41° 08.240'S	146° 49.522'E	RL	303.3°	1.12 nm	2.29 nm
6.	Wp 21 Point Effingham	41° 07.470'S	146° 48.927'E	RL	329.8°	0.89 nm	3.18 nm
7.	Wp 20 Clarence Pt	41° 07.220'S	146° 48.808'E	RL	340.3°	0.27 nm	3.45 nm
8.	Wp 19 Salt pan Pt.	41° 06.872'S	146° 49.224'E	RL	042.1°	0.47 nm	3.92 nm
9.	Wp 18 Stone Quarry pt.	41° 06.199'S	146° 48.060'E	RL	307.5°	1.11 nm	5.03 nm
10.	Wp 17 Garrow Rock	41° 05.704'S	146° 48.300'E	RL	020.1°	0.53 nm	5.55 nm
11.	Wp 16	41° 05.511'S	146° 48.223'E	RL	343.3°	0.20 nm	5.75 nm
12.	Wp 15 Bombay Rock	41° 05.183'S	146° 48.003'E	RL	333.2°	0.37 nm	6.12 nm
13.	Wp 14 Torpa Patch	41° 04.629'S	146° 47.815'E	RL	345.7°	0.57 nm	6.69 nm
14.	Wp 13	41° 04.261'S	146° 47.372'E	RL	317.7°	0.5 nm	7.19 nm
15.	Wp 12 She Oak Pt.	41° 04.007'S	146° 47.298'E	RL	348.0°	0.26 nm	7.43 nm
16.	Wp 11 Lagoon Bay	41° 03.601'S	146° 46.463'E	RL	302.8°	0.75 nm	8.18 nm
17.	Wp 10 Barrel Rock	41° 03.006'S	146° 45.442'E	RL	307.7°	0.97 nm	9.15 nm
18.	PILOT OFF	41° 01.000'S	146° 44.500'E	RL	340.5°	2.13 nm	11.28 nm
19.	MELBOURNE PLT	38° 21.267' S	144° 32.633' E	RL	327.6°	189.23 nm	200.15 nm
20.	Inner Ship Channel	38° 19.827' S	144° 35.647' E	RL	058.7°	2.77 nm	202.91 nm
21.	The Rip	38° 17.498'S	144° 38.306' E	RL	041.9°	3.13 nm	206.04 nm
22.	Spotting Buoy	38° 17.286'S	144° 39.994' E	RL	080.9°	1.34 nm	207.38 nm
23.	Outer Channel	38° 19.303'S	144° 49.754'E	RL	104.8°	7.92 nm	215.30 nm
24.	Buoys nr 15, 16	38° 19.908'S	144° 52.011'E	RL	109.8°	1.87 nm	217.17 nm
25.	Buoys nr 19, 22	38° 19.905'S	144° 54.502' E	RL	090.0°	1.95 nm	219.13 nm
26.	Sailing Calendar	37° 58.772'S	144° 55.303' E	RL	001.7°	21.14 nm	240.27 nm
27.	Anchorage 51	37° 58.318' S	144° 54.504' E	RL	305.8°	0.78 nm	241.05 nm

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		Deg. Min. N/S	Deg. Min. E/W			on this course	total made
27	Port Williams Channel	37° 58.002' S	144° 55.500' E	RL	001.6°	5.65 nm	5.65 nm
28	buoys n°16	37° 52.350' S	144° 55.700' E	RL	322.4°	1.64 nm	7.30 nm
29	buoys n° 25	37° 51.050' S	144° 54.430' E	RL	317.0°	0.45 nm	7.75 nm
30	buoys n° 28	37° 50.720' S	144° 54.040' E	RL	334.6°	0.33 nm	8.08 nm
31	— " —	37° 50.420' S	144° 53.860' E	RL	354.6°	0.33 nm	8.41 nm
32	Williamstown Jetty	37° 50.095' S	144° 53.821' E	RL	012.4°	0.31 nm	8.71 nm
33	West Gate Bridge	37° 49.796' S	144° 53.904' E	RL	031.4°	0.33 nm	9.04 nm
34	Hobsons Bay	37° 49.517' S	144° 54.120' E	RL	049.7°	0.22 nm	9.26 nm
35	Yarraville Berth n°1	37° 49.377' S	144° 54.329' E	RL	339.4°	0.09 nm	9.34 nm
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