KOBE SHIPPING MANAGEMENT COMPANY LTD.

(S-06.40.02(02)) Revised on 3rd Feb 2010

DECK—— BEFORE SAILING BY 2/O

NO	Position of W/Point	UKC (m)	Dist off (NM)	Distance (NM)	Dist To Go	T/CO	Expect Speed	Time (h,m)	Position Fix Method	Position Fix Freq (min)	Watch Level	Charts/ Publications	Remark (Name of Berth etc.,)
0	46° 06.03' N 122° 56.54' W	>3 m		0	1103.7	000.0*	1		CO;VN	5 m	4	USA.18524 Navigation radio aid-USA-117	LONGVIEW - BERTH
1	46° 06.11' N 122° 57.20' W	>3 m		0.5	1103.2	279.9*	5	6 m	CO;VN	5 m	4	NP286-6;NP285-5;NP204-4; NP-283-2;NP282;NP281-2;	
2	46° 06.59' N 122° 58.42' W	>3 m		1.0	1102.2	299.5*	7	9m	CO;VN	5 m	4	NP-80-G;;NP-8	POSITION FIX WHENEVER POSSIBLE
3	46° 08.10' N 123° 00.50' W	>3 m		2.1	1100.1	316.2*	7	18 m	CO;VN	5 m	4		
4	46° 08.55' N 123° 01.88' W	>3 m		1.1	1099.1	295.1*	7	9 m	CO;VN	5 m	4		
5	46° 09.35' N 123° 03.38' W	>3 m		1.3	1097.8	307.5*	7	11 m	CO;VN	5 m	4		
6	46° 09.66' N 123° 04.46' W	>3 m		0.8	1097.0	292.4*	10	5 m	CO;VN	5 m	4	USA.18523	
7	46° 11.20' N 123° 07.25' W	>3 m	0.11NM	2.5	1094.5	308.5*	7	21 m	RD;CO	5 m	4		LEADING MARK
8	46° 11.38' N 123° 09.50' W	>3 m		1.6	1092.9	276.6*	5	19 m	CO;VN	5 m	4		
9	46° 11.35' N 123° 10.00' W	>3 m		0.3	1092.6	265.1*	10	2 m	CO;VN	5 m	4		
10	46° 10.10' N 123° 13.70' W	>3 m		2.9	1089.7	244.1*	7	25 m	CO;VN	5 m	4		
11	46° 09.00' N 123° 15.92' W	>3 m		1.9	1087.8	234.5*	7	16 m	CO;VN	5 m	4		
12	46° 08.65' N 123° 17.86' W	>3 m		1.4	1086.4	255.4*	7	12 m	CO;VN	5 m	4		
13	46° 08.53' N 123° 18.78' W	>3 m		0.7	1085.8	259.4*	10	4 m	CO;VN	5 m	4		
14	46° 08.54' N 123° 20.72' W	>3 m		1.3	1084.4	270.4*	10	8 m	CO;VN	5 m	4		
15	46° 09.00' N 123° 23.38' W	>3 m		1.9	1082.5	284.0*	10	11 m	CO;VN	5 m	4		
16	46° 10.80' N 123° 25.70' W	>3 m		2.4	1080.1	318.2*	7	21 m	CO;VN	5 m	4		
17	46° 11.17' N 123° 25.87' W	>3 m		0.4	1079.7	342.3*	7	3 m	CO;VN	5 m	4		
18	46° 13.19' N 123° 25.44' W	>3 m		2.0	1077.7	008.4*	7	17 m	CO;VN	5 m	4		
19	46° 14.40' N 123° 25.80' W	>3 m		1.2	1076.4	348.3*	10	7 m	CO;VN	5 m	4		
20	46° 15.80' N 123° 27.43' W	>3 m		1.8	1074.6	321.1*	7	15 m	CO;VN	5 m	4		
21	46° 16.15' N 123° 28.02' W	>3 m		0.5	1074.1	310.5*	7	4 m	CO;VN	5 m	4		

Kind of Fix Sys ...GPS. RADAR: RD. CELESTRIAL: CT.CONSPICOUS OBJECTS: CO .VISUAL NAV AIDS : VN

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KOBE SHIPPING MANAGEMENT COMPANY LTD.

(8-06.40.02(02)) Revised on 3rd Feb 2010 **Sheet 2**

DECK— BEFORE SAILING BY 2/O

NO	Position of W/Point	UKC (m)	Dist off (NM)	Distance (NM)	Dist To Go	T/CO	Expect Speed	Time (h;m)	Position Fix Method	Position Fix Freq (min)	Watch Level	Charts/ Publications	Remark (Name of Berth etc,,)
22	46° 15.35' N 123° 28.82' W	>3 m		0.6	1073.5	289.8*	Var	Var	VN;CO	5 m	4		POSITION FIX WHENEVER POSSIBLE
23	46° 16.33' N 123° 30.00' W	>3 m		0.8	1072.7	268.6*	Var	Var	VN;CO	5 m	4		
24	46° 15.51' N 123° 32.59' W	>3 m		2.0	1070.7	245.5*	Var	Var	VN;CO	5 m	4		
25	46° 15.34' N 123° 34.87' W	>3 m		1.6	1069.1	263.9*	Var	Var	VN;CO	5 m	4		
26	46° 15.61' N 123° 38.75' W	>3 m		2.7	1066.4	275.7*	Var	Var	VN;CO	5 m	4	USA.18521	
27	46° 14.97' N 123° 41.37' W	>3 m		1.9	1064.5	250.6*	Var	Var	VN;CO	5 m	4		
28	46° 13.65' N 123° 43.97' W	>3 m		2.2	1062.2	233.8*	Var	Var	VN;CO	5 m	4		
29	46° 13.10' N 123° 46.90' W	>3 m		1.4	1060.8	247.7*	Var	Var	VN;CO	5 m	4		
30	46° 11.74' N 123° 49.52' W	>3 m		2.9	1057.9	241.6*	Var	Var	VN;CO	5 m	4		
31	46° 11.38' N 123° 54.46' W	>3 m		3.4	1054.5	264.0*	Var	Var	VN;CO	5 m	4		
32	46° 11.58' N 123° 55.18' W	>3 m		0.5	1054.0	292.4*	Var	Var	VN;CO	5 m	4		
33	46° 15.36' N 124° 01.20' W	>3 m		5.6	1048.3	312.0*	Var	Var	VN;CO	5 m	4		
34	46° 15.60' N 124° 02.35' W	>5m		0.8	1047.5	286.7*	Var	Var	VN;CO	5 m	4		
35	46° 15.27' N 124° 04.92' W	>7m		1.8	1045.7	259.5*	Var	Var	VN;CO	5 m	4		
36	46° 12.80' N 124° 08.53' W	>10m		3.5	1042.2	225.4*	Var	Var	VN;CO	5 m	4		
37	46° 12.00' N 124° 11.05' W	>20m		1.9	1040.2	245.4*	Var	Var	VN;CO	5 m	4	USA 18520	COLOMBIA PILOT STATION
38	46° 00.00' N 125° 00.00' W	>20m		36.1	1004.1	250.6*	12.5	2h53m	GPS	60 m	2	BA.2531;BA.2530;BA 4801	
39	40° 00.00' N 125° 30.00' W	>20m		360.7	643.5	183.5*	12.5	28h52m	GPS	60 m	1		
40	35° 00.00' N 123° 00.00' W	>20m		322.9	320.6	158.3*	12.5	25h50m	GPS	60 m	1	BA.4910,BA.4911,BA.4912	
41	33° 07.00' N 120° 00.00' W	>10m		187.6	132.9	127.0*	12.5	15h	GPS	60 m	1		
42	33° 07.00' N 118° 15.00' W	>10m		87.9	45.0	090.0*	12.5	7h	VN;CO	15 m	1		
43	33° 18.00' N 118° 02.00' W	>5m		15.5	29.5	044.8*	12.5	1h15m	VN;CO	15 m	1	USA.18746,USA.18749,USA.18751	

Kind of Fix Sys ...GPS. RADAR: RD. CELESTRIAL: CT.CONSPICOUS OBJECTS: CO .VISUAL NAV AIDS : VN

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KOBE SHIPPING MANAGEMENT COMPANY LTD.

(8-06.40.02(02)) Revised on 3rd Feb 2010 **Sheet 2**

DECK— BEFORE SAILING BY 2/O

NO	Position of W/Point	UKC (m)	Dist off (NM)	Distance (NM)	Dist To Go	T/CO	Expect Speed	Time (h;m)	Position Fix Method	Position Fix Freq (min)	Watch Level	Charts/ Publications	Remark (Name of Berth etc.,)
44	33° 36.30' N 118° 10.00' W	>5m		19.5	10.0	339.9°	Var	Var	VN;CO	5m	2	USA.18746,USA.18749,	POSITION FIX WHENEVER POSSIBLE
45	33° 40.65' N 118° 11.00' W	>5m		4.4	5.5	349.1°	Var	Var	VN;CO	5m	4	LONGBEACH P/STN	
46	33° 41.55' N 118° 10.83' W	>5m		0.9	4.6	009.0°	Var	Var	VN;CO	5m	4		
47	33° 43.47' N 118° 11.03' W	>5m		1.9	2.7	355.0°	Var	Var	VN;CO	5m	4		
48	33° 44.25' N 118° 12.55' W	>5m		1.5	1.2	301.6°	Var	Var	VN;CO	5m	4		
49	33° 44.83' N 118° 13.03' W	>5m		0.7	0.5	325.3°	Var	Var	VN;CO	5m	4		
50	33° 45.25' N 118° 13.03' W	>5m		0.4	0.1	360.0°	Var	Var	VN;CO	5m	4		
51	33° 45.28' N 118° 13.12' W	>5m		0.1	0.0	291.8°	Var	Var	VN;CO	5m	4		

Kind of Fix Sys ...GPS. RADAR: RD. CELESTRIAL: CT.CONSPICOUS OBJECTS: CO .VISUAL NAV AIDS : VN

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