

Project name: EM&A for Permanent Aviation Fuel Facility (PAFF)

Activity: Dolphin Impact Monitoring - Field Log Sheet

*Remark: Record the number of dolphin occurrence within the 250m exclusion (A) prior to dredging and (B) during dredging

** Sighting recorded when there is no dredging

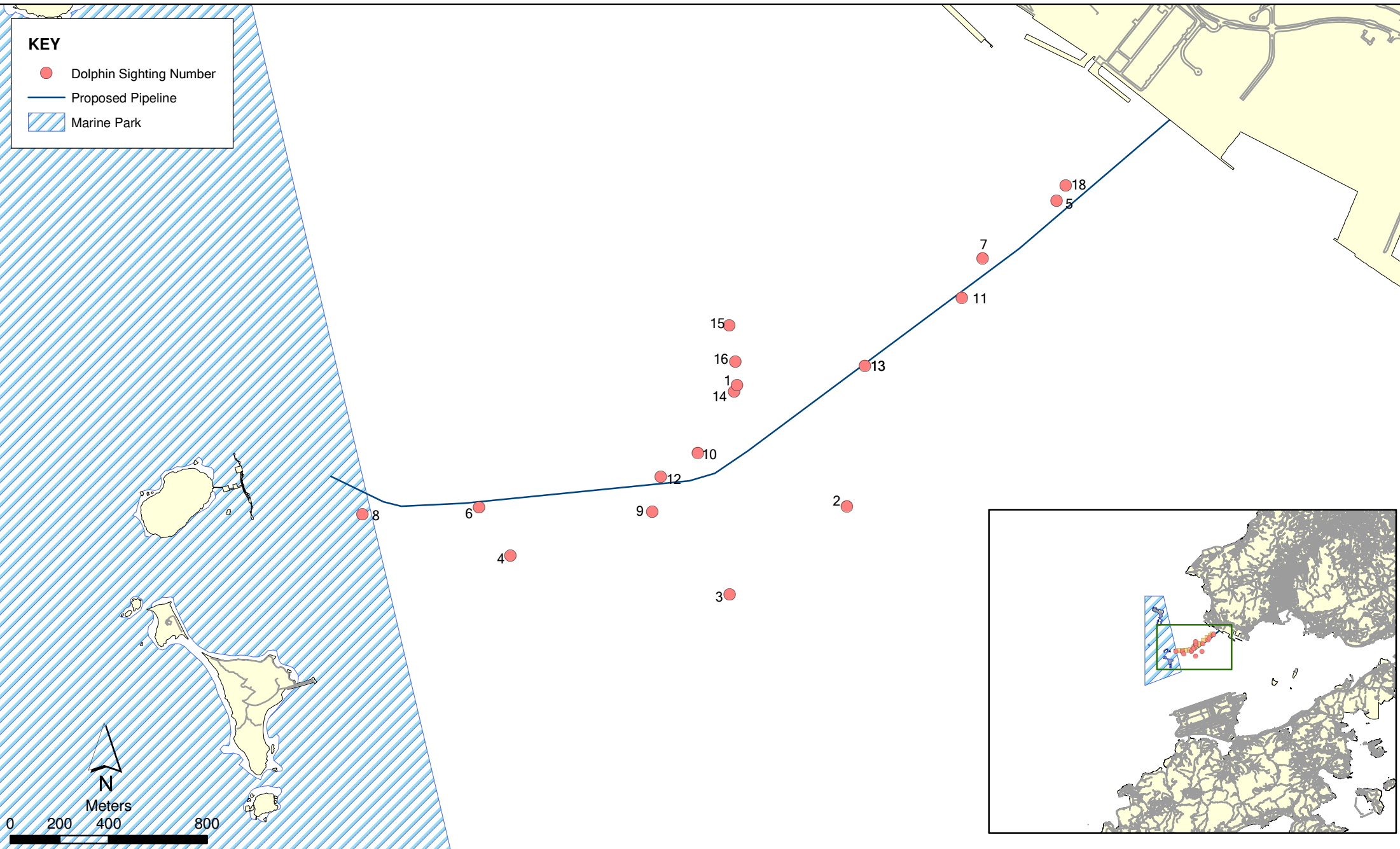
Week	Date		Dredger 1 (GD 4503)		Dredger 2 (GD 654)		Observers' Names
			No. of Dolphin Occurrence*	Sighting No.	No. of Dolphin Occurrence	Sighting No.	
1	Mon	17-Dec	No Dredging	-	N/A		Richard Huang, Anton Tsang
	Tue	18-Dec	0	-			Richard Huang
	Wed	19-Dec	0	-			Anton Tsang
	Thu	20-Dec	0	-			Richard Huang
	Fri	21-Dec	3; No Dredging (pm)	1**			Anton Tsang
	Sat	22-Dec	No Dredging	-			Anton Tsang
	Sun	23-Dec	0	-			Richard Huang
2	Mon	24-Dec	0	-	NA		Yeung Chung Wing
	Tue	25-Dec	3	2			Richard Huang
	Wed	26-Dec	0	-			Richard Huang
	Thu	27-Dec	0	-			Anton Tsang
	Fri	28-Dec	1	3			Richard Huang
	Sat	29-Dec	0	-			Richard Huang
	Sun	30-Dec	0	-			Richard Huang
3	Mon	31-Dec	0; No Dredging (pm)	-	NA		Anton Tsang
	Tue	01-Jan	0	-			Richard Huang
	Wed	02-Jan	1; No Dredging (pm)	4**			Anton Tsang
	Thu	03-Jan	0	-			Richard Huang
	Fri	04-Jan	0; No Dredging	-			Richard Huang
	Sat	05-Jan	0; No Dredging	-			Anton Tsang
	Sun	06-Jan	0	-			Yeung Chung Wing
4	Mon	07-Jan	0	-	NA		Richard Huang
	Tue	08-Jan	0	-			Richard Huang
	Wed	09-Jan	0	-			Anton Tsang
	Thu	10-Jan	0	-			Anton Tsang
	Fri	11-Jan	0	-			Yeung Chung Wing
	Sat	12-Jan	0	-			Yeung Chung Wing
	Sun	13-Jan	0	-			Yeung Chung Wing

5	Mon	14-Jan	1 carcass	1 (in DCD sheet)	NA		Anton Tsang
	Tue	15-Jan	0	-			Richard Huang
	Wed	16-Jan	0	-			Richard Huang
	Thu	17-Jan	0	-			Yeung Chung Wing
	Fri	18-Jan	0	-			Richard Huang
	Sat	19-Jan	0	-			Richard Huang
	Sun	20-Jan	0	-			Yeung Chung Wing
6	Mon	21-Jan	0	-	NA		Richard Huang
	Tue	22-Jan	0	-			Richard Huang
	Wed	23-Jan	0	-			Anton Tsang
	Thu	24-Jan	1	5**	0	-	Richard Huang, Yeung Chung Wing
	Fri	25-Jan	0	-	0	-	Richard Huang, Anton Tsang
	Sat	26-Jan	0	-	0	-	Anton Tsang
	Sun	27-Jan	0	-	3	6**	Richard Huang, Yeung Chung Wing
7	Mon	28-Jan	0	-	0	-	Richard Huang
	Tue	29-Jan	0	-	0	-	Richard Huang
	Wed	30-Jan	0	-	0	-	Anton Tsang
	Thu	31-Jan	1	7**	0 (no dredging)	-	Richard Huang, Anton Tsang
	Fri	01-Feb	0	-	0	-	Richard Huang, Anton Tsang
	Sat	02-Feb	0	-	0	-	Richard Huang
	Sun	03-Feb	0	-	0	-	Yeung Chung Wing
8	Mon	04-Feb	0	-	1	8	Richard Huang, Anton Tsang
	Tue	05-Feb	0	-	0	-	Richard Huang
	Wed	06-Feb	0	-	0 (no dredging)	-	Richard Huang
	Thu	07-Feb	No Dolphin Monitoring				
	Fri	08-Feb	No Dolphin Monitoring				
	Sat	09-Feb	No Dolphin Monitoring				
	Sun	10-Feb	0	-	0	-	Richard Huang

9	Mon	11-Feb	0	-	0	-	Richard Huang	
	Tue	12-Feb	0	-	2	9	Richard Huang, Anton Tsang	
	Wed	13-Feb	0	-	0	-	Anton Tsang	
	Thu	14-Feb	0	-	0	-	Richard Huang	
	Fri	15-Feb	0	-	2	10	Anton Tsang	
	Sat	16-Feb	1	11**	1	12**	Richard Huang	
	Sun	17-Feb	0 (dredger under repair)	-	0	-	Richard Huang, Yeung Chung Wing	
10	Mon	18-Feb	0	-	1	13	Richard Huang, Anton Tsang	
	Tue	19-Feb	0 (dredger under repair)	-	1	14**	Richard Huang	
	Wed	20-Feb	0 (dredger changed to ST20)	-	2	15**	Richard Huang	
	Thu	21-Feb	0	-	3, 4	16**, 17**	Richard Huang, Yeung Chung Wing	
	Fri	22-Feb	0	-	0	-	Richard Huang, Anton Tsang	
	Sat	23-Feb	1	18	0	-	Richard Huang	
	Sun	24-Feb	0	-	0	-	Yeung Chung Wing	
11	Mon	25-Feb	0	-	0 (am), No dredging (pm)	-	Richard Huang, Anton Tsang	
	Tue	26-Feb	0	-	No dredging for GD 654		Richard Huang	
	Wed	27-Feb	0	-	No dredging for GD 654		Anton Tsang	
	Thu	28-Feb	0	-	No dredging for GD 654		Richard Huang	
	Fri	29-Feb	0	-	No dredging for GD 654		Richard Huang	
	Sat	01-Mar	No Dolphin Monitoring					
	Sun	02-Mar	No Dolphin Monitoring					

KEY

- Dolphin Sighting Number
- Proposed Pipeline
- ▨ Marine Park



Dolphin Sighting Locations (as of 29 February 2008)

File: 0018105_Dolphin_29Feb08.mxd
Date: 12/03/2008

**Environmental
Resources
Management**



Sighting No.	Date	Time	Dredger	Location of Dredger	Chainage	Dredger Coordinates - N	Dredger Coordinates - E	Sighting Distance (m)	Sighting Angle from Dredging Machine (o)	Group size	Group Composition*	Beaufort	Boat Association	Behaviour	Other comments
1	21/12/2007	1455	GD 4503	Sha Chau	1995	808777.45	824153.43	90	38	3	1SJ, 1SS, 1UA	1	None	Travelling	-
					2000	808773.41	824153.49								
2	25/12/2007	1400	GD 4503	Sha Chau	2110	808685	824088.1	600	225	3	1SJ, 2UA	1	None	Travelling	-
					2120	808676.9	824082.07								
3	28/12/2007	0928	GD 4503	Sha Chau	2630	808252.09	823804.52	620	225	1	1UA	1	Shrimp trawler	Feeding	-
					2645	808237.73	823800.24								
4	2/1/2008	1249	GD 4503	Sha Chau	2985	807899.66	823769.42	290	290	1	1UA	3	None	Travelling	-
					3010	807874.73	823767.73								
5	24/01/2008	1400	GD 4503	Urmston Road	700	809818.64	824926.29	183	190	1	1UA	2	None	Travelling	-
					710	809810.63	824920.38								
6	27/01/2008	0815	GD 654	Sha Chau	3218	807666.91	823754.86	56	280	3	3UA	3	None	Travelling	-
					3250	807635.3	823753.07								
7	31/01/2008	1620	GD 4503	Urmston Road	1035	809549.46	824727.19	150	200	1	1UA	2	None	Travelling	-
					1055	809533.22	824715.36								
8	04/02/2008	0827	GD 654	Sha Chau	3540	807345.7	823735.42	180	330	3	1UA, 2SS	3	None	Travelling	Approaching dredger since being sighted, closest distance about 100m, then out of sight after dive
					3570	807315.78	823733.52								
9	12/02/2008	0815	GD 654	Sha Chau	2354	808496.01	823948.14	100	300	2	1UA, 1SA	3	None	Breaching	-
					2365	808479.88	823936.54								
10	15/02/2008	1619	GD 654	Sha Chau	2235	808584.53	824013.58	100	300	2	1UA, 1SS	2	None	Travelling	During dredging
					2240	808580.47	824010.91								
11	16/02/2008	0949	GD 4503	Urmston Road	1355	809292	824537.03	323	190	1	1UA	2	None	Travelling	-
					1370	809280.05	824527.75								
12	16/02/2008	1604	GD 654	Sha Chau	2610	808271.18	823810.65	120	170	1	1UA	2	None	Travelling	-
					2615	808266.33	823808.98								
13	18/02/2008	0806	GD 654	Sha Chau	1875	808873.92	824227.762	350	180	1	1UA	2	Hang trawler	Feeding	Before dredging
					1845	808898.043	824245.597								
14	19/02/2008	0812	GD 654	Sha Chau	1855	808889.87	824239.57	213	350	1	1UA	2	None	Travelling	No dredging, Dredger under repair
					1881	808869.34	824224.42								
15	20/02/2008	0927	GD 654	Sha Chau	1820	808918.13	824260.54	310	45	2	2UA	2	None	Travelling	No dredging, Dredging was not carried out until 11:30am
					1811	808925.65	824265.81								
16	21/02/2008	0749	GD 654	Sha Chau	1880	808869.9	824224.79	190	30	3	1SS, 2UA	2	Shrimp trawler	Feeding	No dredging
					1885	808865.88	824221.82								
17	21/02/2008	1001	GD654	Sha Chau	<i>On mobilization</i>			150	80	4	3UA, 1UJ	2	None	Travelling, breaching, spy-hopping	No dredging
18	23/02/2008	1323	ST20	Urmston Road	565	809927.43	825006.52	110	195	1	1UA	1	None	Feeding	During dredging
					571	809922.44	825002.96								
*Key:															
UC = Unspotted Calf															
UJ = Unspotted Juvenile															
SJ = Spotted Juvenile															
SS = Spotted Sub-adult															
SA = Spotted Adult															
UA = Unspotted Adult															