Annex G

Dolphin Visual Monitoring Records

Project name: EM&A for Permanent Aviation Fuel Facility (PAFF) Activity: Dolphin Impact Monitoring

*Remark: Record the number of dolphin occurrences within the 500m exclusion zone (A) prior to/ outside dredging times and (B) during dredging OR (C) outside the exculsion zone

			Derrick Lighters #38		Derrick Lighters #	33	Grab dredge		
				Sighting		Sighting		Sighting Sheet	
Week	Da	ate	No. of Dolphin Occurrence*	Sheet No.	No. of Dolphin Occurrence*	Sheet No.	No. of Dolphin Occurrence*	No.	Observer's Name
1	Fri	13-Nov	0	-	Not in operation		Not in operation	Alvin Lee	
	Sat	14-Nov	0	-	0 0		Not in operation	Richard Huang	
	Sun	15-Nov	0	-	0 0		Not in operation	Richard Huang	
2	Mon	16-Nov	0	-	2 (C) 1-2		Not in operation	Alvin Lee	
	Tue	17-Nov	0	-	Not in operation		0	-	Richard Huang
	Wed	18-Nov	0	0	Not in operation		Not in operation		Francesca Zino
	Thu	19-Nov	1 (C)	4	Not in operation		0	-	Richard Huang
	Fri	20-Nov	0	-	Not in operation		0	-	Alvin Lee
	Sat	21-Nov	0	-	Not in operation		0	-	Richard Huang
	Sun	22-Nov	0	-	Not in operation		0	-	Alvin Lee
3	Mon	23-Nov	Not in operation		Not in operation Not in operation		0	-	Alvin Lee
	Tue	24-Nov	0	-			0	-	Richard Huang
	Wed	25-Nov	1 (C)	5	Not in operation		0	-	Alvin Lee
	Thu	26-Nov	0	-	Not in operation		0	-	Anson Chow
	Fri	27-Nov	0	-	Not in operation		0	-	Alvin Lee
	Sat	28-Nov	0	-	Not in operation		0	-	Richard Huang
	Sun	29-Nov	0	-	Not in operation		0	-	Alvin Lee
4	Mon	30-Nov	0	-	Not in operation		0	-	Anson Chow
	Tue	1-Dec	Not in operation		Not in operation		Not in operation [1 (A)] [†]	5	Richard Huang
	Wed	2-Dec	Not in operation		Not in operation		1 (A)	6	Anson Chow
	Thu	3-Dec	Not in operation		Not in operation		0	-	Richard Huang
	Fri	4-Dec	Not in operation		Not in operation Not in operation Not in operation		0	-	Anson Chow
	Sat	5-Dec	Not in operation				0	-	Richard Huang
	Sun	6-Dec	Not in operation				1 (A)	7	Alvin Lee
5	Mon	7-Dec	Not in operation		Not in operation		0	-	Anson Chow
	Tue	8-Dec	Not in operation		Not in operation		0	-	Richard Huang
	Wed	9-Dec	Not in operation		Not in operation		0	-	Anson Chow
	Thu	10-Dec	Not in operation		Not in operation		1 (B)	8	Anson Chow
	Fri	11-Dec	Not in operation		Not in operation		0	-	Anson Chow

[†] Dolphin monitoring was conducted, despite the Grab Dredger not operating that day

<u>Cinhtin n</u>			Dredger	Dredger	Sighting	#Sighting Angle	0	0		Deet			
Sighting No.	Date	Time	Coordinates (N- Lat)	Coordinates (E- Long)	Distance (m)	from Dredging Machine (o)	Group size	Group Composition*	Beaufort	Boat Association	Behaviour	Other comments	
1	16-Nov-09	0848	825063.045	810003.667	640	278	2	Undetermined	3	None		Sighting at 600m during dredging	
2	16-Nov-09	0939	825223.562	810220.771	600	280	1	Undetermined	3	None		Sighting at 640m during dredging	
3	19-Nov-09	1017	825098.716	810051.912	520	250	2	1SJ, 1UA	2	None	Travelling	One sighting at 520m during dredging	
4	25-Nov-09	0849	825104.661	810059.953	>1200	262	2	Undetermined	2	Shrimp	Feeding	One sighting at >1.2km from vessel during dredging	
5	1-Dec-09	0820	825104.641	810060.293	166	320	1	Undetermined	2	None	Jumping	One sighting at 166m. After 20 minutes, at 560m, not during dredging. NB Dredger not in operation for the whole day	
6	2-Dec-09	1250	824212.831	808854.207	220	260	2	Undetermined	2	None	Socializing	Sighting at 220m; after 5 minutes, at 250m. Sited during lunch break when dredger had temporarity stopped operations	
7	6-Dec-09	0832	824272.284	808934.619	310	320	2	1SS, 1US	2	None	Diving	Sighting at 310m moving west and leaving exclusion zone at 0838, during pre-dredging check	
8	10-Dec-09	1645	824303.921	808968.362	50	100	1	Undetermined	2	None		Sighting at 50m during dredging	
*Key:			# Compass bearing is used (North = 0 degree)										
UJ = Un SJ = Sp	UC = Unspotted Calf UJ = Unspotted Juvenile SJ = Spotted Juvenile SS = Spotted Sub-adult												
SA = Sp	SA = Spotted Adult UA = Unspotted Adult												

