

Annex H

Dolphin Post-Construction Monitoring Records

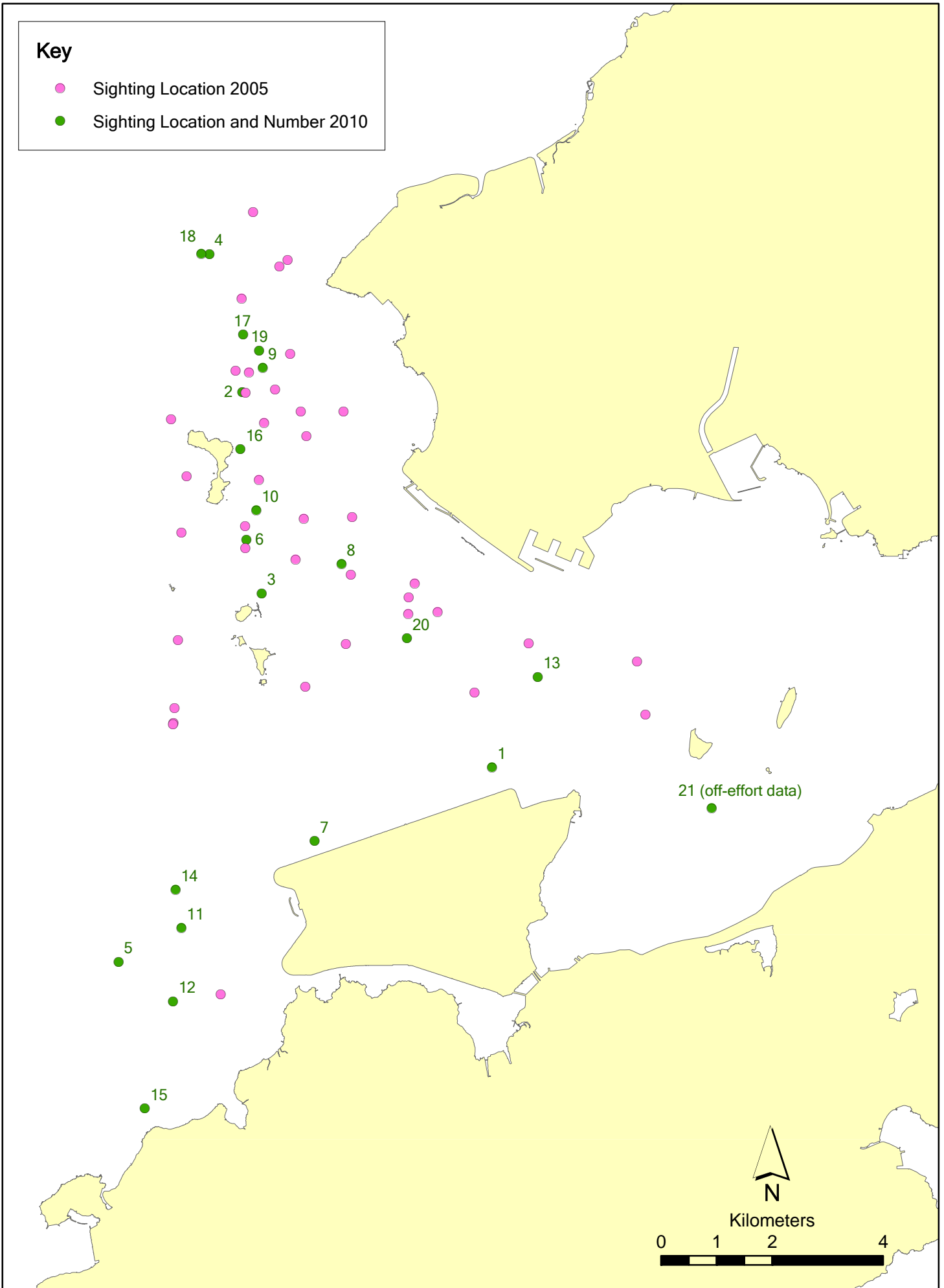
Permanent Aviation Fuel Facility (PAFF) - Post-Construction Marine Mammal Monitoring from 22 March to 27 March 2010

Dolphin Sighting Records

Sighting No.	Date	Time	Survey Vessel Coordinates (N-Lat)	Survey Vessel Coordinates (E-Long)	Sighting Distance (m)	#Sighting Angle from Vessel (°)	Group size	Group Composition*	Beaufort	Boat Association	Behaviour	Other comments
1	22-Mar-10	10:04	22° 20.001'	113° 56.489'	1300	240	1	1UA	1	None	Breaching	Transect 8B to 8A
2	22-Mar-10	12:58	22° 23.220'	113° 53.194'	150	9	2	2UA	1	None	Travelling	Dolphins heading south. Just to the north of Lung Kwu Chau in the marine park. Transect 3B to 3A
3	22-Mar-10	13:57	22° 21.491'	113° 53.177'	500	125	1	1UA	2	Stern Trawler	Feeding	Following fishing vessel. Transect 2A' to 2A
4	22-Mar-10	16:08	22° 24.571'	113° 52.430'	750	80	2	2UA	2	None	Travelling	Transect 1B to 1A
5	23-Mar-10	10:50	22° 17.854'	113° 52.177'	480	245	1	1UA	1	Hang Trawler	Feeding	Following fishing vessel. Transect 1A to 1B
6	23-Mar-10	11:54	22° 21.819'	113° 53.178'	150	60	4	2UA, 1SJ, 1UJ	1	Stern Trawler	Travelling	Travelling in vicinity of fishing vessel. Transect 2A to 2A'
7	23-Mar-10	13:33	22° 18.911'	113° 54.061'	150	280	3	2UA, 1SA	1	None	Travelling	Travelling North to South. Swam past starboard side of survey vessel. At turning point of 4A, on transect 4A to 4B
8	24-Mar-10	11:33	22° 21.244'	113° 54.663'	1000	315	4	3UA, 1SS	2	None	Travelling	One dolphin smaller than the other, but hard to distinguish details. Transect 5B to 5A
9	24-Mar-10	11:57	22° 23.685'	113° 53.860'	800	250	2	2UA	2	None	Travelling	At turning point of 4B, on transect 4B to 4A
10	24-Mar-10	14:21	22° 22.280'	113° 53.237'	320	140	2	2UA	2	None	Travelling	Around 2A' on transect 2B to 2A
11	24-Mar-10	15:00	22° 18.200'	113° 52.643'	250	205	6	4UA, 2SA	3	None	Travelling	Possibly feeding. Transect 2A' to 2A, after rounding the end of the runway restricted zone, near 2A
12	24-Mar-10	15:31	22° 17.313'	113° 52.209'	500	80	3	3UA	2	None	Travelling	Dolphins heading south. Transect 1B to 1A
13	25-Mar-10	15:39	22° 20.175'	113° 56.531'	750	330	1	1UA	3	None	Travelling	Transect 8A to 8B
14	26-Mar-10	13:51	22° 18.541'	113° 52.576'	200	210	1	1UA	2	None	Travelling	Transect 2B to 2A
15	27-Mar-10	10:38	22° 16.364'	113° 52.131'	150	125	1	1UA	2	Shrimp Trawler	Feeding	Transect 1A to 1B
16	27-Mar-10	11:38	22° 22.730'	113° 53.335'	250	275	1	1UA	2	P4	Travelling	Very close behind P4 vessel. Near Lung Kwu Chau marine park. Transect 2A' to 2B
17	27-Mar-10	11:50	22° 23.931'	113° 52.995'	400	110	1	1UA	2	None	Breaching	Breached twice. Transect 2A' to 2B, near 2B
18	27-Mar-10	11:57	22° 24.615'	113° 52.958'	320	280	2	2UA	2	Stern Trawler	Feeding, Travelling	Following the fishing vessel. Transect 2A' to 2B, near 2B
19	27-Mar-10	12:22	22° 23.866'	113° 53.385'	300	180	4	3UA, 1SA	2	None	Travelling	Over 1km away from Lung Kwu Chau marine park. Transect 3A to 3B
20	27-Mar-10	14:35	22° 20.529'	113° 55.277'	900	320	2	2UA	2	None	Travelling	Travelling in a southerly direction. Transect 6A to 6B
21	27-Mar-10	15:56	22° 19.293'	113° 58.060'	150	120	7	5UA, 2SJ	2	None	Socializing, Travelling	OFF EFFORT. Travelling back from 9B to Central, near north eastern shore of Lantau
*Key:			# Compass bearing is used (North = 0 degree)									
UC = Unspotted Calf												
UJ = Unspotted Juvenile												
SJ = Spotted Juvenile												
SS = Spotted Sub-adult												
SA = Spotted Adult												
UA = Unspotted Adult												

Key

- Sighting Location 2005
- Sighting Location and Number 2010



Locations of Sightings of Indo-Pacific Humpback Dolphin
Sousa chinensis within the Study Area
(Data collected from 27 October to 1 November 2005
and 22 March to 27 March 2010)