

DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/25/2009 8:30:00 AM	-12.19393	128.2885	Flying Fish	1	
9/25/2009 9:00:00 AM	-12.18998	128.2327	Flying Fish	1	
9/25/2009 9:02:00 AM	-12.18979	128.2303	Flying Fish	1	
9/25/2009 9:21:00 AM	-12.18746	128.1938	Bottlenose Dolphin	2	
9/25/2009 9:34:00 AM	-12.186	128.1684	Flying Fish	8	
9/25/2009 9:55:00 AM	-12.18402	128.1294	whiskered tern	1	
9/25/2009 9:59:00 AM	-12.18361	128.1213	Flying Fish	1	
9/25/2009 10:23:00 AM	-12.18048	128.0554	Flying Fish	4	
9/25/2009 10:48:00 AM	-12.17706	128.0035	Flying Fish	8	
9/25/2009 11:42:00 AM	-12.16718	127.892	Flying Fish	1	
9/25/2009 11:52:00 AM	-12.16523	127.8694	Brown booby	1	
9/25/2009 12:06:00 PM	-12.1632	127.8402	Brown booby	1	
9/25/2009 12:08:00 PM	-12.16282	127.8357	Flying Fish	1	
9/25/2009 12:55:00 PM	-12.15443	127.7348	Fork-tailed Swift	3	
9/25/2009 1:19:00 PM	-12.14858	127.6829	<i>Going through a very thick and defined patch of algae, forming strings in the surface. The odd flying fish and other fish beneath.</i>		
9/25/2009 1:26:00 PM	-12.14668	127.6674	Common Tern	2	
9/25/2009 1:34:00 PM	-12.14439	127.6511	Brown booby	1	
9/25/2009 1:50:00 PM	-12.13916	127.6165	tern sp.	1	
9/25/2009 1:53:00 PM	-12.13812	127.61	Flying Fish	1	
9/25/2009 2:19:00 PM	-12.13196	127.5561	Bulwer's Petrel	1	
9/25/2009 2:26:00 PM	-12.13041	127.5412	Fork-tailed Swift	2	
9/25/2009 2:43:00 PM	-12.12711	127.5051	Bridled tern	1	
9/25/2009 2:51:00 PM	-12.12613	127.4886	Flying Fish	1	
9/25/2009 2:55:00 PM	-12.12563	127.4808	Bulwer's Petrel	1	
9/25/2009 3:14:00 PM	-12.12276	127.4399	Bridled tern	1	
9/25/2009 3:15:00 PM	-12.12266	127.438	<i>Bridled Tern feeding on fish, large fish jumping. Append to record.</i>		
9/25/2009 3:20:00 PM	-12.12217	127.4289	Brown booby	1	
9/25/2009 4:01:00 PM	-12.12095	127.3645	Bridled tern	3	
9/25/2009 4:40:00 PM	-12.11807	127.3351	Bottlenose Dolphin	6	
9/25/2009 4:48:00 PM	-12.11728	127.3328	Flying Fish	1	
9/25/2009 4:54:00 PM	-12.11618	127.3222	Flying Fish	1	
9/25/2009 5:02:00 PM	-12.1154	127.3064	Flying Fish	8	
9/25/2009 5:07:00 PM	-12.11513	127.2971	Flying Fish	4	
9/25/2009 5:21:00 PM	-12.11384	127.271	Flying Fish	1	
9/25/2009 5:23:00 PM	-12.11376	127.2681	Flying Fish	1	
9/25/2009 5:38:00 PM	-12.11055	127.2406	Brown booby	3	
9/25/2009 5:38:00 PM	-12.11056	127.2407	Flying Fish	3	

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/25/2009 5:40:00 PM	-12.11036	127.2376	tern sp.	3	
9/25/2009 5:40:00 PM	-12.11035	127.2374	tern sp.	1	
9/25/2009 5:45:00 PM	-12.10944	127.228	Sooty tern	8	
9/25/2009 5:54:00 PM	-12.10767	127.2123	Sooty tern	3	
9/25/2009 6:01:00 PM	-12.10602	127.2005	Flying Fish	1	
9/25/2009 6:08:00 PM	-12.1042	127.1884	tern sp.	5	
9/25/2009 6:08:00 PM	-12.10401	127.187	<i>Jellyfish appearing in water</i>		
9/25/2009 6:20:00 PM	-12.10747	127.1753	Spinner Dolphin	7	
9/25/2009 6:21:00 PM	-12.10733	127.1736	<i>last sighting...210 deg, 900m</i>		
9/25/2009 6:41:00 PM	-12.1059	127.1529	Sooty tern	1	
9/25/2009 7:08:00 PM	-12.10188	127.106	Flying Fish	1	
9/25/2009 7:19:00 PM	-12.10052	127.0863	tern sp.	2	
9/25/2009 7:31:00 PM	-12.09885	127.0655	Brown booby	1	
9/25/2009 7:40:00 PM	-12.09749	127.0513	Flying Fish	4	
9/25/2009 7:43:00 PM	-12.09682	127.0448	Dolphin sp.	2	
9/25/2009 7:45:00 PM	-12.09657	127.0422	Sooty tern	1	
9/25/2009 7:48:00 PM	-12.09609	127.037	Brown booby	2	
9/25/2009 8:00:00 PM	-12.09404	127.0163	Brown booby	2	
9/26/2009 8:04:00 AM	-11.92836	125.7315	Sea snake sp.	1	
9/26/2009 8:04:00 AM	-11.92834	125.7313	Sea snake sp.	1	
9/26/2009 8:04:00 AM	-11.92831	125.7311	Sea snake sp.	2	
9/26/2009 8:05:00 AM	-11.92823	125.7305	Sea snake sp.	1	
9/26/2009 8:05:00 AM	-11.92821	125.7304	Sooty tern	1	
9/26/2009 8:05:00 AM	-11.92825	125.7307	Sea snake sp.	5	
9/26/2009 8:05:00 AM	-11.92828	125.7308	Sea snake sp.	2	
9/26/2009 8:07:00 AM	-11.92767	125.726	Sea snake sp.	1	
9/26/2009 8:08:00 AM	-11.92741	125.7239	Sea snake sp.		
9/26/2009 8:09:00 AM	-11.92719	125.722	Sea snake sp.		
9/26/2009 8:11:00 AM	-11.9267	125.7179	Sea snake sp.	1	
9/26/2009 8:13:00 AM	-11.92649	125.7152	<i>Many fish including tuna leaping in every direction</i>		
9/26/2009 8:26:00 AM	-11.92401	125.6899	Sooty tern	3	
9/26/2009 8:26:00 AM	-11.92393	125.6891	Wedge-tailed shearwater	1	
9/26/2009 8:27:00 AM	-11.92379	125.6878	<i>Most of the sea snakes seen this morning appear to be Disteira kingii</i>		
9/26/2009 8:29:00 AM	-11.92347	125.6843	Sea snake sp.	1	
9/26/2009 8:29:00 AM	-11.9234	125.6834	Sea snake sp.	1	
9/26/2009 8:31:00 AM	-11.92309	125.6802	Streaked Shearwater	1	
9/26/2009 8:34:00 AM	-11.92244	125.6742	Sea snake sp.	3	
9/26/2009 8:35:00 AM	-11.92223	125.672	Sea snake sp.	1	
9/26/2009 8:42:00 AM	-11.9211	125.659	Streaked Shearwater	1	

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9/26/2009 8:42:00 AM	-11.92105	125.6583	Storm Petrel sp.	2	
9/26/2009 8:43:00 AM	-11.92095	125.657	<i>Correction. Sea snakes were D. major</i>		
9/26/2009 8:44:00 AM	-11.9207	125.6544	Sooty tern	9	
9/26/2009 8:49:00 AM	-11.91963	125.6445	Streaked Shearwater	1	
9/26/2009 8:51:00 AM	-11.9193	125.6415	Bulwer's Petrel	1	
9/26/2009 8:52:00 AM	-11.91906	125.6391	Sea snake sp.	1	
9/26/2009 8:53:00 AM	-11.91883	125.6371	Sea snake sp.	1	
9/26/2009 8:55:00 AM	-11.91853	125.6342	Sea snake sp.	1	
9/26/2009 8:58:00 AM	-11.91799	125.6288	Sea snake sp.	1	
9/26/2009 8:59:00 AM	-11.9177	125.626	Sea snake sp.	1	
9/26/2009 8:59:00 AM	-11.91777	125.6266	Sea snake sp.	1	
9/26/2009 9:09:00 AM	-11.9155	125.6213	Dolphin sp.	2	
9/26/2009 9:10:00 AM	-11.91615	125.62	<i>Waxy residue in a slick on surface near dolphins. Photos taken. Flying fish underneath.</i>		
9/26/2009 9:11:00 AM	-11.91643	125.6213	Sooty tern	2	
9/26/2009 9:14:00 AM	-11.91645	125.6233	Sea snake sp.	1	
9/26/2009 9:16:00 AM	-11.91645	125.6233	Sea snake sp.	1	
9/26/2009 9:22:00 AM	-11.91687	125.6178	Flying Fish	4	
9/26/2009 9:37:00 AM	-11.91084	125.5906			ext, lig, 2
9/26/2009 9:38:00 AM	-11.91055	125.5883	Sea snake sp.	1	
9/26/2009 9:40:00 AM	-11.91013	125.585	<i>About 20 mins ago. Dense patch of waxy residue and surface oil with sea snakes and dolphins within. The immediate patch was about 50ha. However, we couldn't see further than a few hundred metres due to very very calm conditions</i>		
9/26/2009 9:52:00 AM	-11.91037	125.5674	Dolphin sp.	4	
9/26/2009 9:52:00 AM	-11.91032	125.5671	Turtle sp.	1	
9/26/2009 9:55:00 AM	-11.90944	125.5622	Flying Fish	2	
9/26/2009 9:56:00 AM	-11.90922	125.56	Flying Fish	2	
9/26/2009 9:59:00 AM	-11.90855	125.5539	Flying Fish	1	
9/26/2009 10:00:00 AM	-11.90787	125.5519			ext, lig, 1
9/26/2009 10:12:00 AM	-11.8933	125.5409	Streaked Shearwater	3	
9/26/2009 10:14:00 AM	-11.89321	125.5364	Flying Fish	3	
9/26/2009 10:17:00 AM	-11.8923	125.531	Sea snake sp.	1	
9/26/2009 10:18:00 AM	-11.89199	125.5283	Flying Fish	1	
9/26/2009 10:19:00 AM	-11.89179	125.5267	Common noddy	1	
9/26/2009 10:20:00 AM	-11.89164	125.5255	Sooty tern	1	
9/26/2009 10:23:00 AM	-11.88906	125.5213	Sea snake sp.		
9/26/2009 10:24:00 AM	-11.88809	125.5191	Dolphin sp.	12	
9/26/2009 10:26:00 AM	-11.88666	125.5141	Flying Fish	4	
9/26/2009 10:29:00 AM	-11.88608	125.5091	Flying Fish	2	

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9/26/2009 10:37:00 AM	-11.88489	125.4943	Streaked Shearwater	2	
9/26/2009 10:44:00 AM	-11.88366	125.4808	Dolphin sp.	3	
9/26/2009 10:44:00 AM	-11.88351	125.4794	Spinner Dolphin	5	
9/26/2009 10:48:00 AM	-11.88282	125.473	<i>#146 spinners rode the bow briefly</i>		
9/26/2009 10:48:00 AM	-11.88277	125.4723	Streaked Shearwater	1	
9/26/2009 10:49:00 AM	-11.88267	125.4712	tern sp.		
9/26/2009 10:49:00 AM	-11.88261	125.4706	Wedge-tailed shearwater	1	
9/26/2009 10:49:00 AM	-11.88255	125.4701	Streaked Shearwater	1	
9/26/2009 10:49:00 AM	-11.8825	125.4696	Flying Fish	1	
9/26/2009 10:50:00 AM	-11.88242	125.4688	Flying Fish	1	
9/26/2009 10:50:00 AM	-11.88233	125.4679			pat, lig, 2
9/26/2009 10:52:00 AM	-11.88207	125.4647	Sooty tern	2	
9/26/2009 10:52:00 AM	-11.88205	125.4645	Fork-tailed Swift	4	
9/26/2009 10:53:00 AM	-11.88198	125.4636	Sooty tern	1	
9/26/2009 10:56:00 AM	-11.88152	125.458			pat, lig, 1
9/26/2009 10:56:00 AM	-11.8815	125.4577	Sea snake sp.	1	
9/26/2009 10:57:00 AM	-11.88112	125.4547	Flying Fish	1	
9/26/2009 11:04:00 AM	-11.87978	125.4409	Flying Fish	1	
9/26/2009 11:12:00 AM	-11.87939	125.4267	Wilson's Storm Petrel	1	
9/26/2009 11:15:00 AM	-11.87915	125.4202	Sea snake sp.	1	
9/26/2009 11:16:00 AM	-11.8791	125.419	Sea snake sp.	1	
9/26/2009 11:18:00 AM	-11.87892	125.4149	Sea snake sp.	1	
9/26/2009 11:18:00 AM	-11.87886	125.4137	Sea snake sp.	1	
9/26/2009 11:18:00 AM	-11.87883	125.4134	Streaked Shearwater	1	
9/26/2009 11:21:00 AM	-11.87867	125.4089	Sea snake sp.	1	
9/26/2009 11:27:00 AM	-11.87435	125.4033	Bottlenose Dolphin	14	
9/26/2009 11:33:00 AM	-11.87243	125.4036	<i>Sighting 167, pod of 14 dolphins had a young calf</i>		
9/26/2009 11:40:00 AM	-11.86676	125.3928	<i>Blue fishing boat, northwest of position.</i>		
9/26/2009 11:47:00 AM	-11.86384	125.3786	<i>Dense slick patch sighted</i>		
9/26/2009 11:50:00 AM	-11.86877	125.3746	Sea snake sp.		
9/26/2009 11:50:00 AM	-11.86807	125.3753	Sea snake sp.	1	
9/26/2009 11:53:00 AM	-11.8703	125.3736	<i>Heavy algal bloom with dense oil particles</i>		
9/26/2009 12:01:00 PM	-11.87295	125.3705	Sea snake sp.	1	
9/26/2009 12:01:00 PM	-11.87319	125.369	Matsudaira's Storm Petrel	1	
9/26/2009 12:02:00 PM	-11.87317	125.3686	Sea snake sp.	1	
9/26/2009 12:05:00 PM	-11.87286	125.3611	Streaked Shearwater	2	
9/26/2009 12:07:00 PM	-11.87252	125.3578	Sooty tern	2	
9/26/2009 12:09:00 PM	-11.87201	125.3527			pat, lig, 3
9/26/2009 12:17:00 PM	-11.87068	125.3377	Sooty tern	1	

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9/26/2009 12:28:00 PM	-11.86886	125.3156	Common Tern	1	
9/26/2009 12:33:00 PM	-11.86818	125.3044	Sea snake sp.	1	
9/26/2009 12:37:00 PM	-11.86773	125.2959	Bulwer's Petrel	1	
9/26/2009 12:40:00 PM	-11.86755	125.2908	Sooty tern	1	
9/26/2009 12:44:00 PM	-11.86808	125.2822	Fork-tailed Swift	19	
9/26/2009 12:45:00 PM	-11.86783	125.2799	Sooty tern	1	
9/26/2009 12:46:00 PM	-11.86751	125.2773	Sea snake sp.	1	
9/26/2009 12:47:00 PM	-11.86745	125.2768	Sooty tern	1	
9/26/2009 12:48:00 PM	-11.86724	125.275	tern sp.	2	
9/26/2009 12:56:00 PM	-11.86771	125.258	Sooty tern	1	
9/26/2009 1:00:00 PM	-11.86835	125.251	tern sp.	4	
9/26/2009 1:00:00 PM	-11.86839	125.2505	Flying Fish	1	
9/26/2009 1:08:00 PM	-11.86895	125.233	Bulwer's Petrel	1	
9/26/2009 1:15:00 PM	-11.86944	125.2208	Dolphin sp.	6	
9/26/2009 1:16:00 PM	-11.86982	125.2195	Sooty tern	1	
9/26/2009 1:19:00 PM	-11.87148	125.2135	Sea snake sp.	1	
9/26/2009 1:19:00 PM	-11.87166	125.2129	<i>Sighting #190 Spinner Dolphins 2 came to boat</i>		
9/26/2009 1:20:00 PM	-11.87219	125.2109	Bridled tern	2	
9/26/2009 1:23:00 PM	-11.87544	125.2081	Sooty tern	5	
9/26/2009 1:23:00 PM	-11.87594	125.2078	Wedge-tailed shearwater	1	
9/26/2009 1:24:00 PM	-11.87659	125.2054			sca, lig, 1
9/26/2009 1:25:00 PM	-11.87675	125.2049	Matsudaira's Storm Petrel	1	
9/26/2009 1:25:00 PM	-11.8769	125.2045	Common Tern	1	
9/26/2009 1:26:00 PM	-11.8777	125.2019	tern sp.	50	
9/26/2009 1:26:00 PM	-11.8773	125.2029	<i>Tuna leaping in every direction</i>		
9/26/2009 1:30:00 PM	-11.87467	125.1975	Streaked Shearwater	28	
9/26/2009 1:33:00 PM	-11.86997	125.1977	Streaked Shearwater	9	
9/26/2009 1:33:00 PM	-11.86963	125.1975			sca, lig, 3
9/26/2009 1:34:00 PM	-11.86953	125.1965	tern sp.	50	
9/26/2009 1:36:00 PM	-11.86879	125.1919	Matsudaira's Storm Petrel	1	
9/26/2009 1:36:00 PM	-11.86876	125.1917	Flying Fish		
9/26/2009 1:42:00 PM	-11.86432	125.182	Dolphin sp.	2	
9/26/2009 1:42:00 PM	-11.86414	125.1818	Streaked Shearwater	8	
9/26/2009 1:42:00 PM	-11.86382	125.1809	<i>Really large nos of birds. Very rich area, evenly spaced. No wind. Loads on water, including bridled and sooty terns</i>		
9/26/2009 1:44:00 PM	-11.86307	125.1784	Flying Fish	2	
9/26/2009 1:46:00 PM	-11.86238	125.1746	tern sp.	100	
9/26/2009 1:46:00 PM	-11.86215	125.1731	<i>Big patch of algae</i>		
9/26/2009 1:47:00 PM	-11.86199	125.1721	Flying Fish	1	

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9/26/2009 2:02:00 PM	-11.86069	125.1602	Streaked Shearwater	36	
9/26/2009 2:02:00 PM	-11.86059	125.16	Wedge-tailed shearwater	2	
9/26/2009 2:07:00 PM	-11.85824	125.15	Common noddy	2	
9/26/2009 2:07:00 PM	-11.85815	125.1494	Sooty tern	5	
9/26/2009 2:07:00 PM	-11.85818	125.1496	Wedge-tailed shearwater	3	
9/26/2009 2:11:00 PM	-11.85723	125.142			ext, lig, 2
9/26/2009 2:12:00 PM	-11.85703	125.1405	<i>frame 6552 DG</i>		
9/26/2009 2:30:00 PM	-11.85532	125.1207	<i>In a large thick oily area with particles of waxy residue suspended in it. Very extensive area. No peaks on waves - extends virtually from horizon to horizon.</i>		
9/26/2009 2:31:00 PM	-11.85584	125.1202			ext, lig, 4
9/26/2009 2:36:00 PM	-11.85742	125.119	Brown booby	1	
9/26/2009 2:51:00 PM	-11.85709	125.1077	tern sp.	2	
9/26/2009 2:53:00 PM	-11.85631	125.1037	Flying Fish	1	
9/26/2009 2:59:00 PM	-11.8537	125.0925	Sooty tern	1	
9/26/2009 3:00:00 PM	-11.85335	125.0912	Flying Fish	6	
9/26/2009 3:03:00 PM	-11.8544	125.0856	Sooty tern	1	
9/26/2009 3:04:00 PM	-11.85597	125.0837	Streaked Shearwater	3	
9/26/2009 3:12:00 PM	-11.85629	125.0814	Bulwer's Petrel	1	
9/26/2009 3:13:00 PM	-11.8563	125.0814	Sooty tern	1	
9/26/2009 3:19:00 PM	-11.85611	125.0814	tern sp.	1	
9/26/2009 3:21:00 PM	-11.85605	125.0815	Bulwer's Petrel	1	
9/26/2009 3:27:00 PM	-11.85575	125.0817	Sooty tern	1	
9/26/2009 3:36:00 PM	-11.85308	125.0752	Sea snake sp.	1	
9/26/2009 3:38:00 PM	-11.85037	125.0727	Brown booby	1	
9/26/2009 3:39:00 PM	-11.84966	125.0712	<i>Sighting 227 Brown Booby and Streaked Shearwater on the water. Shearwater took off, Booby stayed</i>		
9/26/2009 3:41:00 PM	-11.8487	125.0672			pat, lig, 1
9/26/2009 3:44:00 PM	-11.84738	125.0611	Bulwer's Petrel	1	
9/26/2009 3:45:00 PM	-11.84669	125.0579	Flying Fish	4	
9/26/2009 3:50:00 PM	-11.84458	125.0487	Bridled tern	2	
9/26/2009 3:50:00 PM	-11.84445	125.0481	Streaked Shearwater		
9/26/2009 3:51:00 PM	-11.84397	125.046	tern sp.	3	
9/26/2009 3:52:00 PM	-11.84353	125.0439	Common Tern	1	
9/26/2009 3:55:00 PM	-11.84202	125.0371	Bridled tern	1	
9/26/2009 3:55:00 PM	-11.84207	125.0374	Dolphin sp.	10	
9/26/2009 3:56:00 PM	-11.84194	125.0367	Flying Fish	1	
9/26/2009 3:58:00 PM	-11.84067	125.0309	tern sp.	2	
9/26/2009 4:04:00 PM	-11.83834	125.0192	Flying Fish	5	
9/26/2009 4:06:00 PM	-11.83766	125.0155	Flying Fish	7	

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2 = small particles:high density

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/26/2009 4:28:00 PM	-11.82995	125.0049	Pan-tropical Spotted Dolph	30	
9/26/2009 4:33:00 PM	-11.82846	124.9941	tern sp.	1	
9/26/2009 4:48:00 PM	-11.8163	124.9681	tern sp.	1	
9/26/2009 4:51:00 PM	-11.81086	124.9647			ext, lig, 3
9/26/2009 5:05:00 PM	-11.80044	124.9598	Spinner Dolphin	20	
9/26/2009 5:06:00 PM	-11.79761	124.9578	Flying Fish	3	
9/26/2009 5:08:00 PM	-11.79422	124.9554	<i>Dolphins were in slick</i>		
9/26/2009 5:08:00 PM	-11.79539	124.9562	Storm Petrel sp.	4	
9/26/2009 5:08:00 PM	-11.79522	124.9561	Sooty tern	1	
9/26/2009 5:08:00 PM	-11.79451	124.9556			ext, lig,
9/26/2009 5:10:00 PM	-11.79058	124.9529	Flying Fish	3	
9/26/2009 5:12:00 PM	-11.78782	124.951	Sooty tern	2	
9/26/2009 5:15:00 PM	-11.78323	124.9478	Bulwer's Petrel	1	
9/26/2009 5:20:00 PM	-11.77425	124.9413	Matsudaira's Storm Petrel	1	
9/26/2009 5:21:00 PM	-11.77234	124.9399	Sea snake sp.	1	
9/26/2009 5:24:00 PM	-11.76774	124.9365	Flying Fish	7	
9/26/2009 5:26:00 PM	-11.76458	124.934	Sooty tern	2	
9/26/2009 5:34:00 PM	-11.75287	124.925	Flying Fish	1	
9/26/2009 5:35:00 PM	-11.74996	124.9228	<i>Patchy brown oil circles</i>		
9/26/2009 5:39:00 PM	-11.74498	124.919	Flying Fish	1	
9/26/2009 5:40:00 PM	-11.74328	124.9178	Flying Fish	4	
9/26/2009 5:42:00 PM	-11.73874	124.9145	Flying Fish	2	
9/26/2009 5:42:00 PM	-11.7395	124.9151	Flying Fish	3	
9/26/2009 5:43:00 PM	-11.73805	124.914	tern sp.	4	
9/26/2009 5:44:00 PM	-11.73703	124.9132	Flying Fish	6	
9/26/2009 5:46:00 PM	-11.73348	124.9107	Sooty tern	4	
9/26/2009 5:46:00 PM	-11.73243	124.9099	Sooty tern	1	
9/26/2009 5:53:00 PM	-11.72444	124.9025	Flying Fish	2	
9/26/2009 5:53:00 PM	-11.72396	124.9024	<i>Sheen has dispersed in this area though still common in smaller patches. Less particulates.</i>		
9/26/2009 5:59:00 PM	-11.73495	124.9052	<i>Two indonesian fishing boats just over border. Possibly trawling net together.</i>		
9/26/2009 6:00:00 PM	-11.73718	124.9057	Flying Fish	1	
9/26/2009 6:06:00 PM	-11.74806	124.9078	Flying Fish	1	
9/26/2009 6:07:00 PM	-11.75003	124.9083	tern sp.	1	
9/26/2009 6:11:00 PM	-11.75665	124.9095	tern sp.	2	
9/26/2009 6:13:00 PM	-11.7603	124.9103	Flying Fish	1	
9/26/2009 6:15:00 PM	-11.75961	124.9087			pat, lig, 1
9/26/2009 6:20:00 PM	-11.75891	124.9087			pat, mod, 3

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/26/2009 6:21:00 PM	-11.75891	124.9087	<i>Muddy slick located in east part of trench near anchor point on 26th. Survey 7A / 7B</i>		
9/26/2009 6:25:00 PM	-11.76426	124.9103	Bulwer's Petrel	1	
9/26/2009 6:26:00 PM	-11.76583	124.9105	Sooty tern	1	
9/26/2009 6:31:00 PM	-11.77423	124.9123	Sooty tern	1	
9/26/2009 6:32:00 PM	-11.77678	124.9129	Sooty tern	2	
9/26/2009 6:36:00 PM	-11.78202	124.9139	Brown booby	1	
9/26/2009 6:40:00 PM	-11.78202	124.9139	Matsudaira's Storm Petrel	1	
9/26/2009 6:45:00 PM	-11.78202	124.9139	Wilson's Storm Petrel	1	
9/26/2009 6:46:00 PM	-11.78202	124.9139	Turtle sp.	1	
9/27/2009 8:14:00 AM	-11.76849	124.9084	Dolphin sp.	6	
9/27/2009 8:32:00 AM	-11.76103	124.895	Matsudaira's Storm Petrel	1	
9/27/2009 8:32:00 AM	-11.76101	124.8951	Spinner Dolphin	80	
9/27/2009 8:40:00 AM	-11.76339	124.8855			ext, lig, 3
9/27/2009 8:55:00 AM	-11.7633	124.8704	Bottlenose Dolphin	14	
9/27/2009 8:59:00 AM	-11.7595	124.8661	Bulwer's Petrel	3	
9/27/2009 9:03:00 AM	-11.76061	124.8569	Spinner Dolphin	15	
9/27/2009 9:06:00 AM	-11.76017	124.8523	<i>Indonesian iceboat and 3 tenders @ bearing 198, 3km away.</i>		
9/27/2009 9:07:00 AM	-11.76006	124.8514	Pan-tropical Spotted Dolph	7	
9/27/2009 9:14:00 AM	-11.7598	124.8489	Matsudaira's Storm Petrel	1	
9/27/2009 9:14:00 AM	-11.75978	124.8487	Storm Petrel sp.	2	
9/27/2009 9:16:00 AM	-11.75882	124.8459	Bulwer's Petrel	1	
9/27/2009 9:16:00 AM	-11.75885	124.846	Sooty tern	2	
9/27/2009 9:20:00 AM	-11.75719	124.8396	Wilson's Storm Petrel	1	
9/27/2009 9:21:00 AM	-11.75709	124.8389	Bulwer's Petrel	1	
9/27/2009 9:25:00 AM	-11.75602	124.832	Sooty tern	1	
9/27/2009 9:29:00 AM	-11.75508	124.8274	Sea snake sp.	1	
9/27/2009 9:30:00 AM	-11.7546	124.8255	Sooty tern	3	
9/27/2009 9:35:00 AM	-11.7533	124.8179	Flying Fish	1	
9/27/2009 9:35:00 AM	-11.7535	124.8173	Flying Fish	1	
9/27/2009 9:39:00 AM	-11.7576	124.8097	Flying Fish	1	
9/27/2009 9:40:00 AM	-11.759	124.8081			pat, lig, 1
9/27/2009 9:48:00 AM	-11.77044	124.798	Matsudaira's Storm Petrel	1	
9/27/2009 9:48:00 AM	-11.77013	124.7982	Sea snake sp.	1	
9/27/2009 9:48:00 AM	-11.77028	124.7981	Matsudaira's Storm Petrel	1	
9/27/2009 9:53:00 AM	-11.77785	124.7918	Frigatebird sp	1	
9/27/2009 9:53:00 AM	-11.77723	124.7923			pat, lig,
9/27/2009 9:54:00 AM	-11.77836	124.7914	Matsudaira's Storm Petrel	1	
9/27/2009 10:17:00 AM	-11.78377	124.789	Dolphin sp.	8	

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/27/2009 10:17:00 AM	-11.78394	124.789	Storm Petrel sp.	1	
9/27/2009 10:20:00 AM	-11.78829	124.7894	Wilson's Storm Petrel	1	
9/27/2009 10:28:00 AM	-11.80528	124.7899	<i>Last sighting of cetaceans identified initially as rough toothed dolphins. Very tight and inconspicuous pod followed at a distance for about 15 mins. On inspection of photos, turned out to be Melon-headed Whales.</i>		
9/27/2009 10:29:00 AM	-11.8064	124.7899	Flying Fish	1	
9/27/2009 10:31:00 AM	-11.81038	124.79	Bulwer's Petrel	1	
9/27/2009 10:38:00 AM	-11.80977	124.7852	Melon-headed Whale	20	
9/27/2009 10:39:00 AM	-11.8093	124.7848	Matsudaira's Storm Petrel	1	
9/27/2009 10:47:00 AM	-11.81941	124.7823	Matsudaira's Storm Petrel	2	
9/27/2009 10:48:00 AM	-11.82198	124.7828			pat, lig,
9/27/2009 10:51:00 AM	-11.82782	124.7835	<i>Very little sheen - only small patches early this morning until approx. 8:30 a.m. Dolphin sightings were in large patches of sheen however. Last sighting of 20 dolphins were possibly tursiops [Bottlenose] need to check photos.</i>		
9/27/2009 10:52:00 AM	-11.82911	124.7837	<i>Now entering sheen with large [wax] particles more common.</i>		
9/27/2009 10:53:00 AM	-11.8309	124.7839			ext,, 4
9/27/2009 10:56:00 AM	-11.83704	124.7847	Matsudaira's Storm Petrel	2	
9/27/2009 10:56:00 AM	-11.83828	124.7849	Bulwer's Petrel	1	
9/27/2009 10:57:00 AM	-11.83934	124.785	Flying Fish	2	
9/27/2009 11:01:00 AM	-11.84433	124.7864	<i>Gilly taking a sample in dense waxy particles</i>		
9/27/2009 11:10:00 AM	-11.84494	124.7873	Wilson's Storm Petrel	2	
9/27/2009 11:11:00 AM	-11.84833	124.7867	Bulwer's Petrel	1	
9/27/2009 11:19:00 AM	-11.86368	124.7879	Pan-tropical Spotted Dolph	40	
9/27/2009 11:20:00 AM	-11.86553	124.788	<i>Previous Matsudaira's Storm Petrel on water</i>		
9/27/2009 11:20:00 AM	-11.86577	124.788	<i>Pantropical Spotted Dolphins in sheen</i>		
9/27/2009 11:22:00 AM	-11.87018	124.7881			pat, lig, 1
9/27/2009 11:27:00 AM	-11.88047	124.7885	Dolphin sp.	1	
9/27/2009 11:31:00 AM	-11.88745	124.7888	Bulwer's Petrel	1	
9/27/2009 11:41:00 AM	-11.9085	124.7892	Bridled tern	1	
9/27/2009 11:43:00 AM	-11.91443	124.7894	Bulwer's Petrel	1	
9/27/2009 11:53:00 AM	-11.93504	124.7921	<i>#321 dolphins were possibly Pantropical Spotted (SM) approx. 20</i>		
9/27/2009 11:54:00 AM	-11.93715	124.7924	Common noddy	1	
9/27/2009 11:55:00 AM	-11.93832	124.7926	Sooty tern	4	
9/27/2009 11:55:00 AM	-11.93881	124.7926	Bulwer's Petrel	1	
9/27/2009 11:58:00 AM	-11.94438	124.7935	Pomarine jaeger	1	
9/27/2009 12:00:00 PM	-11.94895	124.7941	Dolphin sp.	4	
9/27/2009 12:03:00 PM	-11.95567	124.7948			pat, lig,
9/27/2009 12:07:00 PM	-11.96489	124.7957	Sooty tern	7	

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/27/2009 12:07:00 PM	-11.96353	124.7956	<i>Tuna leaping in scattered groups</i>		
9/27/2009 12:08:00 PM	-11.96696	124.7958	Sooty tern	2	
9/27/2009 12:13:00 PM	-11.97702	124.7965	Flying Fish	5	
9/27/2009 12:15:00 PM	-11.98206	124.7969	Sooty tern	6	
9/27/2009 12:21:00 PM	-11.99359	124.7976	Flying Fish	1	
9/27/2009 12:21:00 PM	-11.99465	124.7977	<i>Starting to smell oil/volatile components</i>		
9/27/2009 12:25:00 PM	-12.00278	124.7981			pat, lig, 1
9/27/2009 12:26:00 PM	-12.00542	124.7982	Sooty tern	1	
9/27/2009 12:29:00 PM	-12.01166	124.7986	Flying Fish	2	
9/27/2009 12:38:00 PM	-12.03036	124.7997			pat, lig,
9/27/2009 12:40:00 PM	-12.03429	124.8	Sooty tern	3	
9/27/2009 12:41:00 PM	-12.03641	124.8002	Brown booby	1	
9/27/2009 12:43:00 PM	-12.04051	124.8005			ext, lig,
9/27/2009 12:46:00 PM	-12.04679	124.801	<i>Small patch of waxy residue. Surface appears to be covered in unvolitised oil in a thin sheen. Acrid smell like turpentine in the air, causing us to get dry mouths. Slight bad taste at back of mouth.</i>		
9/27/2009 12:54:00 PM	-12.06507	124.8024	Spinner Dolphin	10	
9/27/2009 12:57:00 PM	-12.0712	124.8029			ext, lig, 1
9/27/2009 12:58:00 PM	-12.07179	124.8029	Dolphin sp.	2	
9/27/2009 12:59:00 PM	-12.07269	124.8037	Flying Fish	1	
9/27/2009 12:59:00 PM	-12.07304	124.8039	Sooty tern	1	
9/27/2009 1:04:00 PM	-12.07265	124.803	Storm Petrel sp.	1	
9/27/2009 1:04:00 PM	-12.07265	124.803	Wilson's Storm Petrel	1	
9/27/2009 1:16:00 PM	-12.06967	124.8145	Spinner Dolphin	10	
9/27/2009 1:17:00 PM	-12.06927	124.8163	<i>#345 spinners approached from our stern - may be same pod as earlier bow riders</i>		
9/27/2009 1:18:00 PM	-12.06881	124.8181	<i>We are now changing our heading to avoid fumes. Heading now between Jabiru and Chalice rigs</i>		
9/27/2009 1:21:00 PM	-12.06778	124.8226			ext, lig,
9/27/2009 1:22:00 PM	-12.06773	124.823	<i>Slowing to release dead nautilus and take a sample.</i>		
9/27/2009 1:25:00 PM	-12.067	124.8269	Wilson's Storm Petrel	1	
9/27/2009 1:25:00 PM	-12.06724	124.8259	Spinner Dolphin	10	
9/27/2009 1:25:00 PM	-12.06712	124.8264	Sooty tern	2	
9/27/2009 1:26:00 PM	-12.06664	124.8283			ext, lig,
9/27/2009 1:27:00 PM	-12.06648	124.829	<i>Dolphins were within oil sheen</i>		
9/27/2009 1:30:00 PM	-12.0648	124.8354	Common Tern	1	
9/27/2009 1:31:00 PM	-12.06425	124.8375	<i>Common Tern repeatedly diving into slick. Bird is dark underneath, including checkerboard patterns of dark in underwing. Fish feeding under area.</i>		
9/27/2009 1:34:00 PM	-12.06277	124.8431	<i>Small patch of waxy residue</i>		

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9/27/2009 1:38:00 PM	-12.06114	124.8497	Dolphin sp.	4	
9/27/2009 1:47:00 PM	-12.05678	124.8665	Bulwer's Petrel	1	
9/27/2009 1:47:00 PM	-12.05665	124.8671	<i>nautilus shell</i>		
9/27/2009 1:48:00 PM	-12.05659	124.8685	<i>Going through patch of thick large particles. turning to get a sample</i>		
9/27/2009 1:50:00 PM	-12.06038	124.8671			ext, lig, 1
9/27/2009 2:00:00 PM	-12.06127	124.8665	Flying Fish	2	
9/27/2009 2:15:00 PM	-12.05384	124.8941	Bulwer's Petrel	1	
9/27/2009 2:17:00 PM	-12.05303	124.897			ext, lig,
9/27/2009 2:17:00 PM	-12.05291	124.8974	Sooty tern	5	
9/27/2009 2:18:00 PM	-12.05236	124.8994			ext, lig, 3
9/27/2009 2:19:00 PM	-12.05185	124.9013	Sooty tern	1	
9/27/2009 2:21:00 PM	-12.05082	124.9053	<i>No fish surfacing here</i>		
9/27/2009 2:23:00 PM	-12.04983	124.9089	Sooty tern	2	
9/27/2009 2:24:00 PM	-12.04967	124.9096	Wilson's Storm Petrel	2	
9/27/2009 2:26:00 PM	-12.04866	124.9135	<i>Sooty terns were above small school of tuna</i>		
9/27/2009 2:26:00 PM	-12.0486	124.9137	Brown booby	1	
9/27/2009 2:34:00 PM	-12.04477	124.9281	Sooty tern	3	
9/27/2009 2:37:00 PM	-12.04334	124.9334	Sooty tern	2	
9/27/2009 2:41:00 PM	-12.041	124.9415	Sooty tern	3	
9/27/2009 2:45:00 PM	-12.03922	124.9478	Brown booby	2	
9/27/2009 2:46:00 PM	-12.03876	124.9494			ext, lig, 2
9/27/2009 2:48:00 PM	-12.03757	124.9532	Spinner Dolphin	5	
9/27/2009 2:48:00 PM	-12.03726	124.9541	<i>Last dolphin sighting in sheen with particles</i>		
9/27/2009 2:49:00 PM	-12.03708	124.9547			ext, lig,
9/27/2009 2:51:00 PM	-12.03579	124.9587			ext, lig, 2
9/27/2009 2:54:00 PM	-12.03424	124.9636	Flying Fish	1	
9/27/2009 2:58:00 PM	-12.0319	124.9711	Flying Fish	2	
9/27/2009 3:00:00 PM	-12.03059	124.9754	<i>Smell has re-intensified, probably due to increase in wind.</i>		
9/27/2009 3:01:00 PM	-12.03031	124.9764			ext, lig,
9/27/2009 3:06:00 PM	-12.02885	124.9816	<i>Long thin stream of oil, grease on surface, cream with rainbow sheen</i>		
9/27/2009 3:16:00 PM	-12.02569	124.9928	<i>Just collected sample</i>		
9/27/2009 3:20:00 PM	-12.02393	125.0002			pat, lig,
9/27/2009 3:32:00 PM	-12.02574	125.0237	Flying Fish	1	
9/27/2009 3:32:00 PM	-12.02582	125.0239			ext, lig,
9/27/2009 3:45:00 PM	-12.03505	125.0469	Bottlenose Dolphin	2	
9/27/2009 3:56:00 PM	-12.04024	125.0589	Spinner Dolphin	18	
9/27/2009 3:59:00 PM	-12.0429	125.0626			pat, lig, 1
9/27/2009 3:59:00 PM	-12.04341	125.0634	<i>Spinners rode bow briefly</i>		

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/27/2009 4:02:00 PM	-12.04696	125.0684	Swinhoe's Storm Petrel	1	
9/27/2009 4:03:00 PM	-12.04768	125.0694	Bridled tern	1	
9/27/2009 4:17:00 PM	-12.0643	125.0899	Leache's Storm Petrel	1	
9/27/2009 4:17:00 PM	-12.06465	125.0902	Booby sp.	3	
9/27/2009 4:21:00 PM	-12.06787	125.0965	Storm Petrel sp.	1	
9/27/2009 4:21:00 PM	-12.06802	125.0965	Brown booby	3	
9/27/2009 4:21:00 PM	-12.06812	125.0964	Sooty tern	1	
9/27/2009 4:22:00 PM	-12.06961	125.0966	Flying Fish	1	
9/27/2009 4:23:00 PM	-12.07158	125.0968	Flying Fish	1	
9/27/2009 4:24:00 PM	-12.07415	125.0972			ext, lig, 2
9/27/2009 4:28:00 PM	-12.08022	125.0982	Flying Fish	17	
9/27/2009 4:30:00 PM	-12.08541	125.099	Sea snake sp.	1	
9/27/2009 4:37:00 PM	-12.09748	125.1012			ext, lig, 1
9/27/2009 4:39:00 PM	-12.10133	125.1019	Flying Fish	1	
9/27/2009 4:41:00 PM	-12.10441	125.1026	Flying Fish	2	
9/27/2009 4:47:00 PM	-12.11704	125.1051			ext, lig, 1
9/27/2009 4:49:00 PM	-12.12065	125.1055	<i>Travelling through a dense patch of waxy particles</i>		
9/27/2009 4:54:00 PM	-12.12932	125.1056	Frigatebird sp	3	
9/27/2009 4:56:00 PM	-12.13297	125.1054	Streaked Shearwater	1	
9/27/2009 4:56:00 PM	-12.13359	125.1053	tern sp.	7	
9/27/2009 4:57:00 PM	-12.13567	125.1049	Flying Fish	1	
9/27/2009 4:57:00 PM	-12.13502	125.1051			
9/27/2009 4:57:00 PM	-12.13502	125.1051	occasnl whitecaps		
9/27/2009 4:58:00 PM	-12.13841	125.1045	Sooty tern	1	
9/27/2009 5:02:00 PM	-12.14568	125.1028	Flying Fish	7	
9/27/2009 5:03:00 PM	-12.14674	125.1025	Flying Fish	3	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Flying Fish	12	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Flying Fish	1	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Sea snake sp.	1	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Flying Fish	6	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Brown booby	1	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Dolphin sp.	8	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Flying Fish	2	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Flying Fish	17	
9/27/2009 5:09:00 PM	-12.15829	125.0993		1	ext, lig, 1
9/27/2009 5:09:00 PM	-12.15829	125.0993	<i>Thick patch of large waxy particles in sample area</i>		
9/27/2009 5:09:00 PM	-12.15829	125.0993		1	ext, lig, 1
9/27/2009 5:09:00 PM	-12.15829	125.0993		1	ext, lig, 4

KEY: Oil effect:
The extent of oil (ext = extensive, pat = patchy, spa = sparse);
The weight of surface oil (lig = light, mod = moderate, hea = heavy);
The size of wax particles
1 = small particles:low density
2 = small particles:high density
3 = large particles:low density
4 = large particles:high density

DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/27/2009 5:09:00 PM	-12.15829	125.0993		1	ext, lig, 4
9/27/2009 5:09:00 PM	-12.15829	125.0993		1	pat, lig, 3
9/27/2009 5:09:00 PM	-12.15829	125.0993		1	pat, lig, 3
9/27/2009 5:09:00 PM	-12.15829	125.0993	<i>Turning to take a sample</i>		
9/27/2009 5:09:00 PM	-12.15789	125.0994	Flying Fish	20	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Sea snake sp.	1	
9/27/2009 5:09:00 PM	-12.15829	125.0993	Sooty tern	1	
9/27/2009 5:41:00 PM	-12.20718	125.0887	<i>No precise position and dates for sightings since 6:39. COM port error</i>		
9/27/2009 5:42:00 PM	-12.20791	125.0885			ext, mod,
9/27/2009 5:46:00 PM	-12.21626	125.0857	Wilson's Storm Petrel	1	
9/27/2009 5:50:00 PM	-12.22332	125.0835	Flying Fish	1	
9/27/2009 5:53:00 PM	-12.22799	125.082	Sea snake sp.	1	
9/27/2009 5:53:00 PM	-12.22848	125.0819	Flying Fish	2	
9/27/2009 5:54:00 PM	-12.2303	125.0813	Sooty tern	1	
9/27/2009 5:55:00 PM	-12.23295	125.0804	Sea snake sp.	1	
9/27/2009 5:56:00 PM	-12.23408	125.0801	Sooty tern	1	
9/27/2009 5:58:00 PM	-12.2368	125.0792	Sea snake sp.	1	
9/27/2009 5:59:00 PM	-12.2389	125.0786	Sooty tern	1	
9/27/2009 6:00:00 PM	-12.24151	125.0778	Sea snake sp.	1	
9/27/2009 6:02:00 PM	-12.24433	125.0769	Flying Fish	3	
9/27/2009 6:02:00 PM	-12.2457	125.0765	tern sp.	1	
9/27/2009 6:03:00 PM	-12.24651	125.0762			ext, mod, 2
9/27/2009 6:06:00 PM	-12.24755	125.0759	<i>Large area of thick crud and oily sheen on surface - stopped for photos</i>		
9/27/2009 6:09:00 PM	-12.24755	125.0759	<i>Thick area of crud.</i>		
9/27/2009 6:11:00 PM	-12.2504	125.075	Flying Fish	4	
9/27/2009 6:12:00 PM	-12.25197	125.0744	<i>Sample taken while stopped</i>		
9/27/2009 6:12:00 PM	-12.25247	125.0743	Flying Fish	2	
9/27/2009 6:17:00 PM	-12.26027	125.075	Spinner Dolphin	11	
9/27/2009 6:19:00 PM	-12.26099	125.0747	<i>Buoy in water, picked up</i>		
9/27/2009 6:23:00 PM	-12.25923	125.0729	Sooty tern	1	
9/27/2009 6:31:00 PM	-12.26547	125.0734	<i>Quite a strong smell of oil again. Like being in a petrol station forecourt.</i>		
9/27/2009 6:33:00 PM	-12.26951	125.0719			ext, mod, 2
9/27/2009 6:37:00 PM	-12.27679	125.0693	Sea snake sp.	1	
9/27/2009 6:40:00 PM	-12.28284	125.0667	Flying Fish	4	
9/27/2009 6:42:00 PM	-12.28502	125.0658			ext, mod, 3
9/27/2009 6:44:00 PM	-12.28883	125.0645	Flying Fish	2	
9/27/2009 6:45:00 PM	-12.29244	125.0632	Flying Fish	3	

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4 = large particles:high density

DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/27/2009 6:51:00 PM	-12.30248	125.06	<i>Back to a light sheen low/no particles</i>		
9/27/2009 6:51:00 PM	-12.30209	125.0601	Flying Fish	1	
9/27/2009 6:52:00 PM	-12.3045	125.0594	Flying Fish	1	
9/27/2009 6:53:00 PM	-12.30719	125.0585	Sea snake sp.		
9/27/2009 6:54:00 PM	-12.30953	125.0577	Sooty tern	1	
9/27/2009 6:57:00 PM	-12.31364	125.0565	Flying Fish	11	
9/27/2009 7:02:00 PM	-12.32423	125.0532			ext, mod, 1
9/27/2009 7:06:00 PM	-12.33182	125.0511	<i>Just entering slick edge again which extends to horizon ahead.</i>		
9/27/2009 7:06:00 PM	-12.33234	125.051	Flying Fish	1	
9/27/2009 7:07:00 PM	-12.33449	125.0504	Flying Fish	1	
9/27/2009 7:08:00 PM	-12.33599	125.05	Flying Fish	1	
9/27/2009 7:11:00 PM	-12.34125	125.0486	Flying Fish	1	
9/27/2009 7:12:00 PM	-12.34269	125.0482	Flying Fish	1	
9/27/2009 7:13:00 PM	-12.34518	125.0476	Sooty tern	1	
9/27/2009 7:16:00 PM	-12.35079	125.0461	Flying Fish	3	
9/27/2009 7:18:00 PM	-12.35566	125.0449	Sooty tern	1	
9/27/2009 7:25:00 PM	-12.36763	125.0418			ext, mod, 2
9/27/2009 7:25:00 PM	-12.36807	125.0417	Flying Fish	3	
9/27/2009 7:27:00 PM	-12.3715	125.0408	<i>Still passing through patchy areas of thicker crud and oily sheen. water is glassy due to slick as far as you can see. Occasional small pools of open water are ruffled by the wind.</i>		
9/27/2009 7:27:00 PM	-12.37195	125.0407	Flying Fish	2	
9/27/2009 7:30:00 PM	-12.37806	125.0391	Sea snake sp.	1	
9/27/2009 7:30:00 PM	-12.37858	125.039	Sea snake sp.	1	
9/27/2009 7:31:00 PM	-12.38055	125.0385	Flying Fish	1	
9/27/2009 7:31:00 PM	-12.38013	125.0386	Flying Fish	1	
9/27/2009 7:35:00 PM	-12.38827	125.0365	Sea snake sp.	1	
9/27/2009 7:35:00 PM	-12.38859	125.0364	Sooty tern	2	
9/27/2009 7:44:00 PM	-12.40552	125.0319	Flying Fish	1	
9/27/2009 7:48:00 PM	-12.41314	125.03	Spinner Dolphin	2	
9/27/2009 7:48:00 PM	-12.41444	125.0297	<i>Last dolphins in fairly heavy oil</i>		
9/27/2009 7:49:00 PM	-12.41538	125.0294	Sooty tern	1	
9/27/2009 7:50:00 PM	-12.41801	125.0288			ext, lig,
9/28/2009 7:52:00 AM	-12.64376	124.9476			pat, lig,
9/28/2009 7:53:00 AM	-12.64331	124.9472	tern sp.	1	
9/28/2009 8:15:00 AM	-12.61252	124.9204	Streaked Shearwater	2	
9/28/2009 8:18:00 AM	-12.60734	124.9163			sca, lig,
9/28/2009 8:19:00 AM	-12.6064	124.9155	Brown booby	1	
9/28/2009 8:35:00 AM	-12.58414	124.8981			pat, lig,

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4 = large particles:high density

DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/28/2009 8:52:00 AM	-12.55949	124.8792	Lesser frigatebird	1	
9/28/2009 8:59:00 AM	-12.54894	124.8711	Flying Fish	1	
9/28/2009 9:10:00 AM	-12.53193	124.8587	Flying Fish	1	
9/28/2009 9:10:00 AM	-12.53224	124.859			sca, lig,
9/28/2009 9:12:00 AM	-12.52861	124.8564	Streaked Shearwater	1	
9/28/2009 9:15:00 AM	-12.52393	124.8532	Fork-tailed Swift	1	
9/28/2009 9:17:00 AM	-12.52152	124.8516	Fork-tailed Swift	8	
9/28/2009 9:19:00 AM	-12.51809	124.8492			pat, lig,
9/28/2009 9:21:00 AM	-12.51414	124.8464	Sooty tern	2	
9/28/2009 9:22:00 AM	-12.51263	124.8453	Flying Fish	2	
9/28/2009 9:25:00 AM	-12.50783	124.8419			ext, lig,
9/28/2009 9:26:00 AM	-12.50742	124.8416	Flying Fish	1	
9/28/2009 9:28:00 AM	-12.50373	124.839	Flying Fish	1	
9/28/2009 9:38:00 AM	-12.48843	124.8279			sca, lig,
9/28/2009 9:40:00 AM	-12.48521	124.8255	Flying Fish	1	
9/28/2009 9:45:00 AM	-12.47841	124.8202			ext, lig,
9/28/2009 9:45:00 AM	-12.47801	124.8199	Bulwer's Petrel	2	
9/28/2009 9:45:00 AM	-12.47751	124.8196	Wilson's Storm Petrel	1	
9/28/2009 9:46:00 AM	-12.47705	124.8192	Sooty tern	1	
9/28/2009 9:47:00 AM	-12.47448	124.8172	Common noddy	1	
9/28/2009 9:48:00 AM	-12.47318	124.8161	Brown booby	1	
9/28/2009 9:49:00 AM	-12.47288	124.8159	Matsudaira's Storm Petrel	1	
9/28/2009 9:50:00 AM	-12.47134	124.8146	Sooty tern	1	
9/28/2009 9:51:00 AM	-12.46898	124.8126	<i>Starting to see areas of low density of small particles amongst the light sheen</i>		
9/28/2009 9:53:00 AM	-12.46698	124.8108			ext, lig, 1
9/28/2009 9:53:00 AM	-12.46661	124.8105	Flying Fish	3	
9/28/2009 9:56:00 AM	-12.46195	124.8063	Sea snake sp.	1	
9/28/2009 10:00:00 AM	-12.45686	124.8016	Flying Fish	1	
9/28/2009 10:06:00 AM	-12.44882	124.7944	Sooty tern	1	
9/28/2009 10:07:00 AM	-12.44717	124.793	Flying Fish	1	
9/28/2009 10:09:00 AM	-12.44442	124.7906	<i>Birds distinctively following oil slick lines today, in slightly windier conditions</i>		
9/28/2009 10:09:00 AM	-12.44493	124.791	Matsudaira's Storm Petrel	1	
9/28/2009 10:11:00 AM	-12.44171	124.7882	Sooty tern	1	
9/28/2009 10:17:00 AM	-12.43379	124.7813	Flying Fish	2	
9/28/2009 10:17:00 AM	-12.43365	124.7812	Sooty tern	1	
9/28/2009 10:17:00 AM	-12.43342	124.781	Flying Fish	1	
9/28/2009 10:17:00 AM	-12.4331	124.7807	Sea snake sp.	1	
9/28/2009 10:20:00 AM	-12.42863	124.7768			ext, lig, 1

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/28/2009 10:21:00 AM	-12.42795	124.7763	Flying Fish	3	
9/28/2009 10:21:00 AM	-12.42825	124.7765	Sooty tern	2	
9/28/2009 10:22:00 AM	-12.42663	124.7752	Fork-tailed Swift	5	
9/28/2009 10:22:00 AM	-12.4264	124.775	Flying Fish	1	
9/28/2009 10:22:00 AM	-12.42617	124.7748	Sooty tern	1	
9/28/2009 10:23:00 AM	-12.42447	124.7733	Sooty tern	1	
9/28/2009 10:24:00 AM	-12.42343	124.7724	Frigatebird sp	1	
9/28/2009 10:24:00 AM	-12.42296	124.772	Flying Fish	1	
9/28/2009 10:26:00 AM	-12.42123	124.7705			ext, lig, 3
9/28/2009 10:28:00 AM	-12.41809	124.7678	Spinner Dolphin	14	
9/28/2009 10:35:00 AM	-12.40847	124.7596	Sooty tern	1	
9/28/2009 10:35:00 AM	-12.40766	124.7589	Sooty tern	1	
9/28/2009 10:35:00 AM	-12.40857	124.7597	<i>Genuine strong mixing zone</i>		
9/28/2009 10:37:00 AM	-12.40542	124.7567	<i>Spinner dolphins spinning, in oil sheen</i>		
9/28/2009 10:37:00 AM	-12.40529	124.7565	Flying Fish	1	
9/28/2009 10:37:00 AM	-12.40513	124.7563	Sooty tern	1	
9/28/2009 10:39:00 AM	-12.40243	124.7536			pat, lig, 3
9/28/2009 10:40:00 AM	-12.40193	124.7531	Flying Fish	1	
9/28/2009 10:44:00 AM	-12.39649	124.7469			ext, lig,
9/28/2009 10:45:00 AM	-12.39483	124.745	Flying Fish	1	
9/28/2009 10:47:00 AM	-12.39255	124.7424	Flying Fish	1	
9/28/2009 10:51:00 AM	-12.38776	124.7367	Sooty tern	1	
9/28/2009 10:53:00 AM	-12.38585	124.7345	Flying Fish	1	
9/28/2009 10:57:00 AM	-12.38037	124.7281			pat, lig,
9/28/2009 11:01:00 AM	-12.37559	124.7215	Fork-tailed Swift	6	
9/28/2009 11:02:00 AM	-12.37516	124.7208	Flying Fish	1	
9/28/2009 11:03:00 AM	-12.37388	124.7187	Brown booby	1	
9/28/2009 11:08:00 AM	-12.36902	124.7106	Sooty tern	7	
9/28/2009 11:20:00 AM	-12.35911	124.6883			sca, lig, 1
9/28/2009 11:26:00 AM	-12.35635	124.6778	Sea snake sp.	1	
9/28/2009 11:26:00 AM	-12.35611	124.6769	Fork-tailed Swift	12	
9/28/2009 11:29:00 AM	-12.35468	124.671	Flying Fish	3	
9/28/2009 11:31:00 AM	-12.35397	124.6679	Flying Fish	1	
9/28/2009 11:32:00 AM	-12.35347	124.6657	Sooty tern	4	
9/28/2009 11:32:00 AM	-12.35351	124.6659	Flying Fish	1	
9/28/2009 11:35:00 AM	-12.35217	124.6598	<i>First small school of tuna sighted today (under sooty terns) they are in light sheen slick</i>		
9/28/2009 11:37:00 AM	-12.35142	124.6563			ext, lig,
9/28/2009 11:46:00 AM	-12.34727	124.6376	Sooty tern	1	
9/28/2009 11:47:00 AM	-12.34677	124.6353	Flying Fish	1	

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4 = large particles:high density

DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/28/2009 11:50:00 AM	-12.34568	124.6304	Sooty tern	1	
9/28/2009 11:51:00 AM	-12.34545	124.6293	Fork-tailed Swift	1	
9/28/2009 12:08:00 PM	-12.33541	124.6012			ext, lig,
9/28/2009 12:08:00 PM	-12.33504	124.6002	Wilson's Storm Petrel	2	
9/28/2009 12:09:00 PM	-12.33465	124.5992	Matsudaira's Storm Petrel	2	
9/28/2009 12:09:00 PM	-12.33448	124.5988	Flying Fish	2	
9/28/2009 12:12:00 PM	-12.33357	124.593	Red-necked Phalarope	4	
9/28/2009 12:13:00 PM	-12.33343	124.5925	<i>Small particles high density within thicker patches of sheen</i>		
9/28/2009 12:15:00 PM	-12.33171	124.5881	Bulwer's Petrel	1	
9/28/2009 12:15:00 PM	-12.33166	124.588	Flying Fish	1	
9/28/2009 12:16:00 PM	-12.33044	124.5857	<i>Storm-Petrels sitting on water, as were phalaropes. Bulwer's Petrel landed on cuttlefish cuttle</i>		
9/28/2009 12:17:00 PM	-12.33017	124.585	<i>5 Phalaropes incl. one in breeding plumage</i>		
9/28/2009 12:18:00 PM	-12.32948	124.5833	Matsudaira's Storm Petrel	1	
9/28/2009 12:20:00 PM	-12.32691	124.5787	Sooty tern	1	
9/28/2009 12:24:00 PM	-12.32245	124.5721	<i>Travelling down a current line with strings of algae and possibly some slick. Many cuttle bones - various sizes. A small amount of slick waxy particles also.</i>		
9/28/2009 12:25:00 PM	-12.32099	124.5704	Fork-tailed Swift	1	
9/28/2009 12:25:00 PM	-12.32185	124.5714			pat, lig, 1
9/28/2009 12:27:00 PM	-12.3196	124.5686	Matsudaira's Storm Petrel	1	
9/28/2009 12:29:00 PM	-12.3166	124.5639	Sea snake sp.	1	
9/28/2009 12:29:00 PM	-12.3166	124.5639	Flying Fish	5	
9/28/2009 12:34:00 PM	-12.31229	124.5561	Flying Fish	1	
9/28/2009 12:35:00 PM	-12.31144	124.5545	Flying Fish	1	
9/28/2009 12:36:00 PM	-12.31042	124.5528	tern sp.	1	
9/28/2009 12:40:00 PM	-12.30521	124.5466	Flying Fish	1	
9/28/2009 12:40:00 PM	-12.30479	124.5462	<i>Phals and storm petrels following slick into distance</i>		
9/28/2009 12:41:00 PM	-12.30367	124.5447			ext, lig,
9/28/2009 12:43:00 PM	-12.30138	124.5418	<i>A lot of debris/rubbish as we travel along this current line. Some large jellyfish also accompanied by many small fish. Also some algae. 2 nautilus</i>		
9/28/2009 12:44:00 PM	-12.301	124.5412	Flying Fish	8	
9/28/2009 12:44:00 PM	-12.30068	124.5408	Matsudaira's Storm Petrel	1	
9/28/2009 12:46:00 PM	-12.29847	124.5384	Flying Fish	4	
9/28/2009 12:49:00 PM	-12.29377	124.5335	Matsudaira's Storm Petrel	1	
9/28/2009 12:51:00 PM	-12.29204	124.531	Common noddy	3	
9/28/2009 12:53:00 PM	-12.28953	124.5272	Brown booby	1	
9/28/2009 12:54:00 PM	-12.28807	124.5246	Flying Fish	2	
9/28/2009 12:55:00 PM	-12.2879	124.5243	Fork-tailed Swift	4	

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/28/2009 12:55:00 PM	-12.28774	124.5241	Common noddy	3	
9/28/2009 12:56:00 PM	-12.28673	124.5228	Wilson's Storm Petrel	1	
9/28/2009 12:56:00 PM	-12.28655	124.5226	Common noddy	8	
9/28/2009 12:56:00 PM	-12.28639	124.5224	Sooty tern	2	
9/28/2009 12:57:00 PM	-12.28465	124.521			pat, lig,
9/28/2009 12:58:00 PM	-12.28341	124.5201	Common noddy	5	
9/28/2009 12:58:00 PM	-12.28298	124.5198	Matsudaira's Storm Petrel	1	
9/28/2009 12:58:00 PM	-12.28262	124.5194	Common noddy	1	
9/28/2009 12:59:00 PM	-12.2822	124.5189	Flying Fish	1	
9/28/2009 1:00:00 PM	-12.28121	124.5175	Flying Fish	1	
9/28/2009 1:00:00 PM	-12.28101	124.5173	Flying Fish	2	
9/28/2009 1:00:00 PM	-12.28039	124.5163	Flying Fish	5	
9/28/2009 1:01:00 PM	-12.2797	124.515	Flying Fish	1	
9/28/2009 1:02:00 PM	-12.27849	124.5126	Flying Fish	5	
9/28/2009 1:04:00 PM	-12.27678	124.5092	Flying Fish	2	
9/28/2009 1:07:00 PM	-12.27583	124.506	Bridled tern	2	
9/28/2009 1:08:00 PM	-12.2747	124.5055	Common noddy	1	
9/28/2009 1:11:00 PM	-12.26954	124.5033	Common noddy	3	
9/28/2009 1:14:00 PM	-12.2655	124.4996	Flying Fish	5	
9/28/2009 1:14:00 PM	-12.26513	124.4993	Common noddy	1	
9/28/2009 1:14:00 PM	-12.26479	124.499	Matsudaira's Storm Petrel	1	
9/28/2009 1:22:00 PM	-12.25357	124.4891			pat, lig,
9/28/2009 1:25:00 PM	-12.24797	124.4859	Common noddy	11	
9/28/2009 1:26:00 PM	-12.24729	124.4846	Common noddy	1	
9/28/2009 1:27:00 PM	-12.24613	124.4825			ext, lig, 2
9/28/2009 1:28:00 PM	-12.24587	124.4817	Flying Fish	5	
9/28/2009 1:28:00 PM	-12.24557	124.4802	Flying Fish	1	
9/28/2009 1:30:00 PM	-12.24475	124.4779	Sooty tern	1	
9/28/2009 1:30:00 PM	-12.24421	124.4777	Flying Fish	4	
9/28/2009 1:35:00 PM	-12.24071	124.4731	<i>Stopping for sample of slick</i>		
9/28/2009 1:57:00 PM	-12.24222	124.4657	Common noddy	1	
9/28/2009 2:02:00 PM	-12.23611	124.4589	Flying Fish	1	
9/28/2009 2:02:00 PM	-12.23632	124.4591	Bulwer's Petrel	1	
9/28/2009 2:03:00 PM	-12.23407	124.4575	Flying Fish	2	
9/28/2009 2:04:00 PM	-12.23295	124.4568	<i>Now moving again after stopping for sample & lunch</i>		
9/28/2009 2:06:00 PM	-12.22949	124.4538			pat, lig, 2
9/28/2009 2:09:00 PM	-12.22603	124.4491	Flying Fish	2	
9/28/2009 2:10:00 PM	-12.22478	124.4476	<i>Going through a lot of crud & scum. High density of small particles amidst sheen lines.</i>		
9/28/2009 2:11:00 PM	-12.22333	124.4456	tern sp.	1	

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/28/2009 2:11:00 PM	-12.22358	124.446	Flying Fish	2	
9/28/2009 2:29:00 PM	-12.21098	124.4478	Flying Fish	8	
9/28/2009 2:32:00 PM	-12.21113	124.4545			pat, lig, 1
9/28/2009 2:39:00 PM	-12.21134	124.4668			pat, lig, 3
9/28/2009 2:44:00 PM	-12.21137	124.4746	Flying Fish	1	
9/28/2009 2:45:00 PM	-12.21133	124.4776	Common Tern	1	
9/28/2009 2:47:00 PM	-12.21135	124.4806	Sooty tern	4	
9/28/2009 2:47:00 PM	-12.21137	124.4816	Common noddy	1	
9/28/2009 2:48:00 PM	-12.21137	124.4825			pat, lig,
9/28/2009 2:48:00 PM	-12.21137	124.4828	Sooty tern	2	
9/28/2009 2:51:00 PM	-12.21141	124.4883	Flying Fish	7	
9/28/2009 2:56:00 PM	-12.21143	124.4962	Flying Fish	1	
9/28/2009 2:57:00 PM	-12.21142	124.4992	Flying Fish	1	
9/28/2009 2:58:00 PM	-12.21145	124.5015	<i>Patches of sheen seem to be smaller and more dispersed</i>		
9/28/2009 2:59:00 PM	-12.21145	124.502	Flying Fish	2	
9/28/2009 2:59:00 PM	-12.21146	124.5025	Sooty tern	1	
9/28/2009 3:05:00 PM	-12.21141	124.5129	Flying Fish	1	
9/28/2009 3:08:00 PM	-12.21139	124.5195	Flying Fish	1	
9/28/2009 3:12:00 PM	-12.21142	124.5255	Common Tern	4	
9/28/2009 3:15:00 PM	-12.21149	124.5315	Flying Fish	6	
9/28/2009 3:17:00 PM	-12.21151	124.5359			pat, lig, 1
9/28/2009 3:18:00 PM	-12.2115	124.5365	Flying Fish	1	
9/28/2009 3:20:00 PM	-12.21151	124.5404	Flying Fish	2	
9/28/2009 3:21:00 PM	-12.21152	124.5421	<i>Dark patches on water.</i>		
9/28/2009 3:21:00 PM	-12.2115	124.5427	Flying Fish	4	
9/28/2009 3:22:00 PM	-12.2115	124.5444			pat, lig, 1
9/28/2009 3:24:00 PM	-12.21153	124.547	<i>Swell now northeast 1.5 metres</i>		
9/28/2009 3:27:00 PM	-12.21161	124.5535	Flying Fish	1	
9/28/2009 3:28:00 PM	-12.21162	124.5544	<i>Back to light wax, seems to be dark patches on the ocean, unrelated to clouds</i>		
9/28/2009 3:28:00 PM	-12.21163	124.5557			pat, lig, 2
9/28/2009 3:29:00 PM	-12.21165	124.5564	Flying Fish	2	
9/28/2009 3:30:00 PM	-12.21174	124.5595	Flying Fish	3	
9/28/2009 3:34:00 PM	-12.21189	124.5658			pat, lig, 1
9/28/2009 3:35:00 PM	-12.21189	124.5685	Flying Fish	1	
9/28/2009 3:35:00 PM	-12.21191	124.5688	Flying Fish	6	
9/28/2009 3:38:00 PM	-12.21195	124.5726	Flying Fish	3	
9/28/2009 3:41:00 PM	-12.212	124.5794	Flying Fish	3	
9/28/2009 3:41:00 PM	-12.21199	124.5796			pat, lig, 3
9/28/2009 3:42:00 PM	-12.21203	124.5814	<i>Dark patches are definitely cloud, not oil</i>		

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/28/2009 3:44:00 PM	-12.21201	124.5846	Flying Fish	4	
9/28/2009 3:46:00 PM	-12.21197	124.5876	Flying Fish	2	
9/28/2009 3:48:00 PM	-12.21199	124.5916	Flying Fish	1	
9/28/2009 3:51:00 PM	-12.21206	124.5972			sca, lig,
9/28/2009 3:51:00 PM	-12.21206	124.5977	Flying Fish	4	
9/28/2009 3:55:00 PM	-12.21222	124.6037	Flying Fish	1	
9/28/2009 3:55:00 PM	-12.21223	124.6041	Flying Fish	1	
9/28/2009 3:57:00 PM	-12.21238	124.6083	Flying Fish	4	
9/28/2009 3:59:00 PM	-12.21252	124.6119	Flying Fish	2	
9/28/2009 4:00:00 PM	-12.21258	124.6128			sca, lig, 1
9/28/2009 4:00:00 PM	-12.21265	124.6143	Sooty tern	1	
9/28/2009 4:01:00 PM	-12.21268	124.6148	<i>Recent environmental should have 2/10ths</i>		
9/28/2009 4:01:00 PM	-12.21268	124.6151	Common noddy	1	
9/28/2009 4:03:00 PM	-12.21287	124.618	Common noddy	1	
9/28/2009 4:03:00 PM	-12.21301	124.6194	Flying Fish	1	
9/28/2009 4:04:00 PM	-12.21303	124.6199	Flying Fish	3	
9/28/2009 4:06:00 PM	-12.21335	124.6236	Flying Fish	12	
9/28/2009 4:07:00 PM	-12.2136	124.6264	Flying Fish	2	
9/28/2009 4:17:00 PM	-12.21504	124.6444	tern sp.	1	
9/28/2009 4:26:00 PM	-12.21618	124.6601			sca,,
9/28/2009 4:41:00 PM	-12.21783	124.6871	Dolphin sp.	4	
9/28/2009 4:47:00 PM	-12.21853	124.697	Sooty tern		
9/28/2009 4:48:00 PM	-12.21862	124.6982	Sooty tern	1	
9/28/2009 5:11:00 PM	-12.22035	124.7395			pat, lig, 3
9/28/2009 5:12:00 PM	-12.22039	124.7412	Matsudaira's Storm Petrel	1	
9/28/2009 5:16:00 PM	-12.22059	124.7492			sca, lig,
9/28/2009 5:34:00 PM	-12.22102	124.7822			ext, mod, 2
9/28/2009 5:34:00 PM	-12.22103	124.7825			ext, mod, 2
9/28/2009 5:35:00 PM	-12.22105	124.7847	<i>Extensive slick, smelly</i>		
9/28/2009 5:37:00 PM	-12.22111	124.7875	Flying Fish	15	
9/28/2009 5:42:00 PM	-12.22135	124.7975	tern sp.	1	
9/28/2009 5:43:00 PM	-12.22136	124.7977	Common noddy	1	
9/28/2009 5:45:00 PM	-12.22144	124.8031			ext, lig, 2
9/28/2009 5:46:00 PM	-12.22145	124.8038			ext, lig, 2
9/28/2009 5:59:00 PM	-12.22158	124.8273	Spinner Dolphin	2	
9/28/2009 5:59:00 PM	-12.22159	124.8284	Brown booby	1	
9/28/2009 5:59:00 PM	-12.2216	124.8285	Sooty tern	2	
9/28/2009 6:01:00 PM	-12.22162	124.8313			ext, lig,
9/28/2009 6:19:00 PM	-12.22158	124.8653			pat, lig,

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9/28/2009 6:19:00 PM	-12.22156	124.8661	<i>For enviro report, 1/10th oil</i>		
9/28/2009 6:24:00 PM	-12.22155	124.8759	Flying Fish	1	
9/28/2009 6:36:00 PM	-12.22158	124.8999	Arctic jaeger	3	
9/28/2009 6:36:00 PM	-12.22158	124.8992	Bulwer's Petrel	1	
9/28/2009 6:42:00 PM	-12.22158	124.9105			pat, lig,
9/28/2009 6:42:00 PM	-12.22161	124.9115	Sooty tern	14	
9/28/2009 6:45:00 PM	-12.22162	124.9171			pat, lig, 2
9/28/2009 6:57:00 PM	-12.22143	124.9414			sca, lig,
9/28/2009 6:58:00 PM	-12.22144	124.9429	Flying Fish	25	
9/28/2009 6:59:00 PM	-12.22149	124.9453	Flying Fish	10	
9/28/2009 7:05:00 PM	-12.22157	124.9571			pat, lig,
9/28/2009 7:07:00 PM	-12.22159	124.9604	Flying Fish	20	
9/28/2009 7:08:00 PM	-12.22161	124.9628	Sea snake sp.	1	
9/28/2009 7:12:00 PM	-12.22168	124.9717	Sea snake sp.	2	
9/28/2009 7:15:00 PM	-12.22165	124.9767	Flying Fish	4	
9/28/2009 7:18:00 PM	-12.22165	124.9832	Flying Fish	8	
9/28/2009 7:24:00 PM	-12.22157	124.9945			pat, lig,
9/28/2009 7:24:00 PM	-12.22157	124.9956	Flying Fish	1	
9/28/2009 7:30:00 PM	-12.22136	125.0067	Flying Fish	3	
9/28/2009 7:33:00 PM	-12.2213	125.0129			pat, lig,
9/28/2009 7:53:00 PM	-12.22094	125.0534			ext, lig,
9/28/2009 7:58:00 PM	-12.22084	125.062	Sea snake sp.	1	
9/28/2009 8:01:00 PM	-12.22084	125.0682	<i>Add to last environment entry - high density of small waxy particles within heavy sheen</i>		
9/28/2009 8:04:00 PM	-12.22078	125.0755	<i>Also high density of large brown waxy pikelet sized residue and thick rainbow sheen of oil on the water. Very extensive area virtually from horizon to horizon. Estimate 50 sq kilometres - Simon Mustoe.</i>		
9/28/2009 8:05:00 PM	-12.22081	125.0766			ext, mod, 4
9/28/2009 8:15:00 PM	-12.22109	125.096	<i>All waves have disappeared into a kind of rounded moving lumpiness and vomit like trails of brown waxy particles stud the surface. Any ripples are subdued into breaking oily rainbows across the surface.</i>		
9/28/2009 8:16:00 PM	-12.22124	125.0998	<i>Oil still as far as we can see, heavy as light fades. Spinner dolphin breaches out of heavy slick. Also two what appear to be bridled terns perched on object in slick nearby...light fading fast.</i>		
9/28/2009 8:16:00 PM	-12.22114	125.0982	<i>A strong oily smell also affecting the back of the throat</i>		
9/29/2009 8:16:00 AM	-12.2693	126.5575			pat, lig, 1
9/29/2009 8:26:00 AM	-12.26935	126.5769	Wilson's Storm Petrel	1	
9/29/2009 8:27:00 AM	-12.26937	126.5807	<i>Wilson's Storm Petrel dancing on the oil slick</i>		
9/29/2009 8:34:00 AM	-12.26949	126.5942			pat, lig, 1

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/29/2009 8:57:00 AM	-12.26926	126.643	tern sp.	1	
9/29/2009 8:59:00 AM	-12.26929	126.6473			ext, lig,
9/29/2009 9:20:00 AM	-12.26858	126.6917	Flying Fish	2	
9/29/2009 9:25:00 AM	-12.26841	126.7011	Flying Fish	1	
9/29/2009 9:28:00 AM	-12.26829	126.708	Flying Fish	1	
9/29/2009 9:31:00 AM	-12.2681	126.715			ext, lig,
9/29/2009 9:36:00 AM	-12.26801	126.7253	Flying Fish	1	
9/29/2009 9:51:00 AM	-12.26691	126.7575			ext, lig, 1
9/29/2009 9:51:00 AM	-12.26687	126.758	<i>Large fish jumping</i>		
9/29/2009 9:53:00 AM	-12.26673	126.7611	Wilson's Storm Petrel	1	
9/29/2009 9:53:00 AM	-12.2667	126.7616	<i>Wilson's Storm Petrel dancing on slick (again)</i>		
9/29/2009 9:57:00 AM	-12.26653	126.769	tern sp.	1	
9/29/2009 10:00:00 AM	-12.26619	126.7767	Brown booby	1	
9/29/2009 10:05:00 AM	-12.26594	126.7861	Flying Fish	4	
9/29/2009 10:13:00 AM	-12.26537	126.8045	Flying Fish	1	
9/29/2009 10:22:00 AM	-12.26453	126.8231			ext, lig, 1
9/29/2009 10:30:00 AM	-12.26372	126.8394			ext, lig, 2
9/29/2009 10:54:00 AM	-12.2596	126.8895			ext, lig, 1
9/29/2009 11:08:00 AM	-12.25721	126.9182	<i>passing patches of algae on the surface. small waxy creamy particles still being observed periodically, low density. Sea has a glassy appearance to the horizon with occasional ruffled areas. Low rolling swell, confused and lumpy. Difficult to tell if the glassy appearance is due to slick or weather.</i>		
9/29/2009 11:09:00 AM	-12.25718	126.9191	Flying Fish	2	
9/29/2009 11:21:00 AM	-12.25533	126.9441	Flying Fish	1	
9/29/2009 11:24:00 AM	-12.25522	126.9511	Sea snake sp.	1	
9/29/2009 11:36:00 AM	-12.25503	126.9766	tern sp.	1	
9/29/2009 11:41:00 AM	-12.25461	126.9859	Turtle sp.	1	
9/29/2009 11:44:00 AM	-12.25445	126.9916	Flying Fish	1	
9/29/2009 11:45:00 AM	-12.25451	126.9941	Flying Fish	15	
9/29/2009 11:52:00 AM	-12.25433	127.0077	<i>lan turning on desalination plant. No obvious sign of slick or particles.</i>		
9/29/2009 12:12:00 PM	-12.25514	127.051	Common Tern	1	
9/29/2009 12:16:00 PM	-12.25548	127.0571	<i>Passing through algae on the surface. Small school of jumping tuna</i>		
9/29/2009 12:20:00 PM	-12.25606	127.0659	Turtle sp.	1	
9/29/2009 12:22:00 PM	-12.25641	127.0699	<i>Small school of leaping fish - not tuna</i>		
9/29/2009 12:32:00 PM	-12.25769	127.0919	Sooty tern	1	
9/29/2009 12:37:00 PM	-12.25825	127.1012	tern sp.	3	
9/29/2009 12:47:00 PM	-12.2599	127.1217	Wedge-tailed shearwater	1	

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DarwinTime	Latitude	Longitude:	SpeciesSighting:	No.	OilEffect
9/29/2009 12:48:00 PM	-12.26011	127.124	Flying Fish	10	
9/29/2009 12:52:00 PM	-12.2606	127.1327	Flying Fish	1	
9/29/2009 12:53:00 PM	-12.26071	127.1339	Brown booby	1	
9/29/2009 12:58:00 PM	-12.26146	127.1443	Turtle sp.	1	
9/29/2009 1:02:00 PM	-12.26212	127.1525	Flying Fish	2	
9/29/2009 1:03:00 PM	-12.26223	127.1542	Flying Fish	1	
9/29/2009 1:08:00 PM	-12.26276	127.1641	Flying Fish	1	
9/29/2009 1:15:00 PM	-12.26386	127.1778			<i>Some sparse algae seen in this area.</i>
9/29/2009 1:15:00 PM	-12.26386	127.1778			<i>Just passed through a small patch of dense small whitish particles - no associated oil sheen seen.</i>
9/29/2009 1:15:00 PM	-12.26391	127.179	Flying Fish	1	
9/29/2009 1:21:00 PM	-12.265	127.1916	Flying Fish	1	
9/29/2009 1:27:00 PM	-12.26603	127.2037	Flying Fish	3	
9/29/2009 1:31:00 PM	-12.26662	127.2108	Flying Fish	1	
9/29/2009 1:33:00 PM	-12.26705	127.2159	Wilson's Storm Petrel	1	
9/29/2009 1:39:00 PM	-12.26791	127.2278	Flying Fish	1	
9/29/2009 1:43:00 PM	-12.26843	127.2354	Flying Fish	1	
9/29/2009 1:45:00 PM	-12.26871	127.24			<i>Glassy conditions continue, no particles apart from some algae has been sighted. Very difficult to detect sheen in these conditions. Some wind ruffling in isolated patches seems normal.</i>
9/29/2009 1:46:00 PM	-12.26887	127.242	Turtle sp.	1	
9/29/2009 1:48:00 PM	-12.26913	127.2453	Flying Fish	5	
9/29/2009 1:53:00 PM	-12.26979	127.2559			<i>Increased fish jumping activity</i>
9/29/2009 1:57:00 PM	-12.27022	127.2633	Flying Fish	1	
9/29/2009 1:59:00 PM	-12.27056	127.2672			<i>Possibly dense large waxy particle patch amongst heavy algal bloom</i>
9/29/2009 2:02:00 PM	-12.27257	127.2661			<i>Crossing a line of algae in which there is a relatively high density of moderately sized particles of wax.</i>
9/29/2009 2:11:00 PM	-12.26753	127.2812	Flying Fish	20	
9/29/2009 2:19:00 PM	-12.26286	127.2975	Spinner Dolphin	17	
9/29/2009 2:19:00 PM	-12.26284	127.2977	Flying Fish	5	
9/29/2009 2:21:00 PM	-12.26284	127.3004	Flying Fish	1	
9/29/2009 2:21:00 PM	-12.26288	127.3007	Flying Fish	1	
9/29/2009 2:39:00 PM	-12.26544	127.3383	Sea snake sp.	1	
9/29/2009 2:42:00 PM	-12.26578	127.3442	Flying Fish	4	
9/29/2009 2:43:00 PM	-12.2659	127.3472	Sea snake sp.	1	
9/29/2009 2:51:00 PM	-12.26691	127.3639	Flying Fish	2	
9/29/2009 2:57:00 PM	-12.26769	127.3761	Flying Fish	1	
9/29/2009 3:28:00 PM	-12.27188	127.4399	Sea snake sp.	1	
9/29/2009 3:30:00 PM	-12.27211	127.4427			<i>Sea snake prob elegant</i>

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9/29/2009 3:42:00 PM	-12.27374	127.4666	Flying Fish	1	
9/29/2009 3:51:00 PM	-12.275	127.4853	tern sp.	1	
9/29/2009 3:54:00 PM	-12.27549	127.4917	Turtle sp.	1	
9/29/2009 4:01:00 PM	-12.27614	127.5048	Dolphin sp.	5	
9/29/2009 4:03:00 PM	-12.27635	127.5089	Flying Fish	1	
9/29/2009 4:13:00 PM	-12.27713	127.5293	Spinner Dolphin	15	
9/29/2009 4:13:00 PM	-12.27713	127.5303	Sea snake sp.	1	
9/29/2009 4:37:00 PM	-12.27906	127.5799	tern sp.	2	
9/29/2009 5:12:00 PM	-12.28055	127.6519	Dolphin sp.	7	
9/29/2009 5:22:00 PM	-12.28082	127.671	Flying Fish	1	
9/29/2009 5:24:00 PM	-12.28094	127.6749	Flying Fish	2	
9/29/2009 5:25:00 PM	-12.28093	127.6773	<i>Dense algae along current lines</i>		
9/29/2009 5:34:00 PM	-12.2844	127.6931	<i>Just passing through a thick algae scum</i>		
9/29/2009 5:55:00 PM	-12.28796	127.738	tern sp.	2	
9/29/2009 5:55:00 PM	-12.28792	127.7375			„ 3
9/29/2009 5:56:00 PM	-12.28803	127.7391	<i>3 small schools of large fish jumping (not tuna)</i>		
9/29/2009 5:59:00 PM	-12.28793	127.7439	<i>Stopping for sample of algae</i>		
9/29/2009 6:12:00 PM	-12.28735	127.758	<i>Schools of tuna leaping. Moving out of area of dense algae bands. Some large waxy residue was evident in the bands.</i>		
9/29/2009 7:28:00 PM	-12.29371	127.9133	Flying Fish	2	

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