

Appendix 1

	T <sub>1</sub>	P <sub>1</sub>	CC <sub>1</sub>	SS <sub>1</sub>	GPS <sub>1</sub>				
	T <sub>2</sub>	P <sub>2</sub>	CC <sub>2</sub>	SS <sub>2</sub>	GPS <sub>2</sub>				
Surface Behavior State	Definition	Type of Surface Event	Events Counts	Duration of State	Time at surface	Age Class & Sex (Adult, Calf Juvenile)	Cluster Size	ID of whale (J,K,L #)	
Foraging	Loose forward orienting formation with subgroups and individuals occasionally varying their progress and engaging in non-directional milling activity. Long, dorsal ended dives with non-directional travel will also be considered as foraging, especially in males.	splashing Visualization of fish in area of whales							
Sexual Behavior	Visualization of penis	Sea Snake'							
Inactive	Tight slow moving group (1-2 kn) with all individuals in simultaneously surfacing within a few meters of immediate neighbor or touching	Logging							
Socialize	Behavioral events and is not in accord with any other category. A meeting of two resident pods prior to play behavior	tail/fin/dorsal slaps Breaching cartwheel spyhopping kelping							
Travel	Directional movement at a steady energetic pace (+3.5 kn) and an absence of any novel surface events	change in bearing porpoising							