

## **APPENDIX I**

### **REQUIRED TAKE TABLES FOR THE ESA/MMPA PERMIT APPLICATION**



Table 1. Proposed activities over a specified period								
Species	Life Stage	Sex	Expected Take or Import/Export	Number of Takes per Individual	Take Action	Transport	Location	Dates/Time Period
<b>Project 1: Emergency Response Activities</b>								
All Cetacea, all Pinnipedia, sea otter, manatee, polar bear	All	M/F	Unlimited	Unlimited	Close approach, aerial and vessel surveys, disentanglement, capture, restraint, handling, tagging, sample collection, sample analysis, import/export of samples or animals, transport, relocation, rehabilitation, release, necropsy, carcass disposal	Live animals may be transported to rehabilitation facilities; carcasses may be transported to disposal sites or laboratories; analytical and diagnostic samples may be transported, imported or exported as needed to laboratories	Beaches and Coastal waters of the US, US EEZ, international (for import/export)	All/continuous
<b>Project 2: Prospective Health Assessment Activities</b>								
Pinnipedia	All except YOY	M/F	Up to 100 annually	5	Close approach, aerial and vessel surveys, capture (net or hand), restraint, handling, tagging, sample collection, release		Coastal waters of the US, US EEZ, international waters	All
Pinnipedia	All except YOY	M/F	3 annually	1	Accidental mortality during capture activities		Coastal waters of the US, US EEZ, international waters	All
Small Cetacea ( <i>Tursiops</i> , <i>Stenella</i> , <i>Steno</i> , <i>Delphinus</i> , <i>Lagenorhynchus</i> , <i>Lagenodelphis</i> , <i>Lissodelphis</i> , <i>Grampus</i> , <i>Peponocephala</i> , <i>Feresa</i> , <i>Pseudorca</i> , <i>Orcinus</i> , <i>Globicephala</i> , <i>Phocoena</i> , <i>Phocoenoides</i> )	All except YOY	M/F	Up to 50 annually	5	Close approach, aerial and vessel surveys, capture (net or hand), restraint, handling, tagging, sample collection, release		Coastal waters of the US, US EEZ, international waters	All

Table 1. Proposed activities over a specified period (continued)								
Species	Life Stage	Sex	Expected Take or Import/Export	Number of Takes per Individual	Take Action	Transport	Location	Dates/Time Period
<b>Project 2: Prospective Health Assessment Activities (continued)</b>								
Small Cetacea (see above)	All except YOY	M/F	3 annually	1	Accidental mortality during capture activities		Coastal waters of the US, US EEZ, international waters	All
Large Whales (gray, right, humpback, fin, blue, Bryde's, minke, sperm, and all beaked whales)	All except YOY	M/F	Up to 50 annually	5	Close approach, aerial and vessel surveys, tagging, sample collection	None	Coastal waters of the US, US EEZ, international waters	All
Large Whales (gray, right, humpback, fin, blue, Bryde's, minke, sperm, and all beaked whales)	All except YOY	M/F	1 annually	1	Accidental mortality during research activities			
<b>Project 3: Pinniped Vaccine Study</b>								
<i>Phoca vitulina</i>	Adult/ Juvenile	M/F	Up to 50	5	Restraint, handling, sample collection	none	Animals currently in permanent captivity (public display or research) or in a rehabilitation facility	Over 2 years
<i>Mirounga angustirostris</i>	Adult/ Juvenile	M/F	Up to 50	5	Restraint, handling, sample collection	None	Animals currently in permanent captivity (public display or research) or in a rehabilitation facility	Over 3 years
<i>Monachus schauinslandi</i>	All	M/F	Up to 50	5	Capture, restraint, handling, sample collection	None	Captive animals throughout the US, wild animals from Hawaii	Over 5 years

<b>Table 1. Proposed activities over a specified period (continued)</b>								
<b>Species</b>	<b>Life Stage</b>	<b>Sex</b>	<b>Expected Take or Import/Export</b>	<b>Number of Takes per Individual</b>	<b>Take Action</b>	<b>Transport</b>	<b>Location</b>	<b>Dates/Time Period</b>
<b>Project 3: Pinniped Vaccine Study (continued)</b>								
All species	All	M/F	10	1	Accidental mortality during research activities.	None	All	Over 5 years