

**PRELIMINARY IMPLEMENTATION REPORT OF THE
SIGNATORIES TO THE CMS MEMORANDUM OF
UNDERSTANDING FOR THE CONSERVATION OF CETACEANS
AND THEIR HABITATS IN THE PACIFIC ISLANDS REGION
(PACIFIC CETACEANS MOU)**



**PREPARED BY THE TECHNICAL ADVISORY GROUP (TAG)
OF THE PACIFIC CETACEANS MOU**

September 2011

IMPLEMENTATION REPORT OF THE SIGNATORIES TO THE CMS PACIFIC CETACEANS MOU

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The Pacific Cetaceans MoU

To provide an international framework for coordinated conservation efforts, a Memorandum of Understanding for the Conservation of Cetaceans and their Habitats in the Pacific Islands Region (Pacific Cetaceans MoU) was launched on 15 September 2006. The Pacific Cetaceans MoU was negotiated under the auspices of the Convention on Migratory Species (CMS), in collaboration with the Pacific Regional Environment Programme (SPREP). The boundaries of the Pacific Cetaceans MoU include the marine areas under the jurisdiction of each Country or Territory of the Pacific Islands Region, and extend to the area defined by the Noumea Convention, i.e., between the Tropic of Cancer and 60° South latitude, and between 130° East longitude and 120° West longitude.

The following states and territories are within the Pacific Islands Region: Australia, Cook Islands, Federated States of Micronesia, Fiji, French Polynesia, Kiribati, Marshall Islands, Nauru, New Caledonia, New Zealand, Niue, Palau, Papua New Guinea, Pitcairn Island, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, United States of America (American Samoa, Guam and the Northern Mariana Islands), Vanuatu and Wallis and Futuna.

Signatories and Collaborating Organizations

As of March 2011 the Pacific Cetaceans MoU has the following signatories: Australia, Cook Islands, Federated States of Micronesia, Fiji, France for its Pacific Territories - New Caledonia, French Polynesia and Wallis and Futuna, New Zealand, Niue, Papua New Guinea, Pitcairn Islands, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu.

The following collaborating organizations have also signed onto the agreement: Convention of Migratory Species, International Fund for Animal Welfare, Secretariat of the Pacific Regional Environment Programme, South Pacific Whale Research Consortium, Whale and Dolphin Conservation Society International, Whales Alive, and the World Wide Fund for Nature.

Pacific Cetaceans MoU TAG and the Implementation Report of the Signatories to the Pacific Cetaceans MoU

The Technical Advisory Group was formed after the 2nd Meeting of the Signatories for the Pacific Cetaceans MoU held in July 2009. Following this meeting nominations for members were requested by the TAG coordinator from Signatories and Collaborating Organizations. Nominated members were then collated and presented to Signatories for consideration and endorsement. The members of the Pacific Cetaceans MoU TAG are provided as an Annex to this document.

An initial draft of this Implementation Report of the Signatories to the CMS Memorandum Of Understanding for the Conservation of Cetaceans and Their Habitats in the Pacific Islands Region was developed by the TAG deliberately mirroring the National reporting format used by CMS Parties. This was both to aid any Pacific CMS Parties with their National reports, but also to seek to harmonise the Pacific Cetaceans MoU information as much as possible with other information being collected through CMS Processes.

The draft was then circulated to the MoU Signatories for their input and endorsement. This finalised report represents that combined input.

Notes on species included, records and taxonomy

The Pacific Cetaceans MoU conserve all cetaceans and fully protect species listed in CMS Appendix I that occur in the Pacific Islands Region, which is defined as the area between the Tropic of Cancer and 60 degrees South latitude and between 130 degrees East longitude and 120 degrees West longitude. It seemed therefore most appropriate to report against all cetacean species that appear on the CMS Appendix I and II lists for each Pacific Cetacean MoU Signatory.

The lists of cetaceans on the CMS Appendices were taken from the most recent CMS listing as of CMS COP9 (at: http://www.cms.int/pdf/en/CMS_Range_States_by_Species.pdf). In cases where a given cetacean species was deemed to be completely unlikely to occur within the Pacific Islands Region it was omitted from these lists. Records of diversity, population trends and distribution are listed for each Appendix I and II Pacific Islands Region cetacean species. The currently designated CMS range states for each of these species is also listed.

These records and information were differentiated in the following way: (1) Pacific Cetaceans MoU TAG and Signatories = ■ and (2) Current CMS range states as listed on Appendix I and II = ▲. In addition, a record of all cetacean species documented in national waters is presented. Within this list there is a sub-section referring to unconfirmed species. This designation was given when supporting documentation was limited, anecdotal or historical only. Finally, a brief summary of activities occurring to support and implement the Pacific Cetaceans MoU is given for each Signatory. Information for this report was updated until March 2011.

Records have been adapted in instances where there are noted difficulties with individual species identification or subspecies differentiation, and/or instances where taxonomic nomenclature is unresolved or has changed. Specifically, *Tursiops*, *Delphinus*, and *Kogia* individuals have been listed as “sp.” in cases where there was insufficient genetic or morphological evidence provided to determine species. In the case of *Kogia* sp. the common name used is “diminutive sperm whale”. When insufficient evidence for minke whale sightings was presented, records have been listed as *Balaenoptera* sp. regardless of which species or subspecies was inferred by the author. The same is true for Bryde’s whales – with the additional inclusion of sei whale and Omura’s whale records - when insufficient evidence for separation exists. In these cases the combined Omura’s, Bryde’s and sei records are referred to as “Bryde’s-like” whales. This step was deemed necessary due to historic difficulties with distinguishing these species from one another at sea. Finally, given recent taxonomic updates, records that were originally reported as *Orcaella brevirostris* in given locations (such as Papua New Guinea and the Solomon Islands) are reported as *Orcaella heinsohni* in this document.

SIGNATORIES TO THE CMS PACIFIC CETACEANS MOU

Name of Signatory:

Cook Islands

Date of signing the Pacific Cetaceans MoU: 15th September 2006

Appendix I cetacean species

Balaenoptera borealis, Sei Whale

1	Confirmed Range State/Territory ■	Possible Range State/Territory □	Not Range State/Territory ▲
1a	Please provide published distribution references: SPWRC 2004		

2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: SPWRC 2004
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Hauser et al. 2000, Olavarria et al. 2003, SPWRC 2009
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Hauser 2002, SPWRC 2004, SPWRC 2008
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPWRC 2004
<i>Balaenoptera borealis</i> , Sei Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPWRC 2004
<i>Balaenoptera edeni</i> , Bryde's whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hauser 2000

<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Leatherwood et al. 1991
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Reeves et al. 1999, SPWRC 2004
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Physeter macrocephalus</i> , Sperm Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hauser 2002, SPWRC 2004, SPWRC 2008
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

All cetacean species recorded in national waters

Balaenoptera sp. (SPWRC 2004), *Delphinus* sp. (SPWRC 2004), *Globicephala macrorhynchus* (SPWRC 2004), *Lagenodelphis hosei* (Hauser 2002, SPWRC 2004), *Megaptera novaeangliae* (Hauser et al. 2000, Olavarria et al. 2003, SPWRC 2009), *Orcinus orca* (Reeves et al. 1999, SPWRC 2004), *Peponocephala electra* (Hauser 2002, SPWRC 2004), *Stenella attenuata* (SPWRC 2004), *Stenella longirostris* (SPWRC 2004), *Mesoplodon densirostris* (SPWRC 2004), *Ziphius cavirostris* (SPWRC 2004, SPWRC 2008), *Physeter macrocephalus* (Hauser 2002, SPWRC 2004, SPWRC 2008)

Unconfirmed: *Balaenoptera* sp. (Hauser 2000), *Balaenoptera borealis* (SPWRC 2004), *Grampus griseus* (Cook Islands Biodiversity database 2006), *Lagenorhynchus* sp. (Leatherwood et al. 1991), *Pseudorca crassidens* (Cook Islands Biodiversity database 2006), *Stenella coeruleoalba* (Cook Islands Biodiversity database 2006), *Tursiops* sp. (Cook Islands Biodiversity database 2006).

Name of Signatory:

Federated States of Micronesia

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

Balaenoptera borealis, Sei Whale

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Balaenoptera musculus, Blue Whale

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Balaenoptera physalus, Fin Whale

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Eubalaena australis, Southern Right Whale

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known):

	increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Eldredge 1991, Patterson and Alverson 1986
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known):

increasing decreasing stable not known unclear

Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Eldredge 1991, Patterson and Alverson 1986, Perrin 2006
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Miyazaki and Wada 1978, Eldredge 1991
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella heinsolmi</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Eldredge 1991, Rock 1993
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Physeter macrocephalus</i> , Sperm Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Eldredge 1991, Patterson and Alverson 1986
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gilpatrick et al. 1987 in Wiles 2005

<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	■	<input type="checkbox"/>	▲	Eldredge 1991, Hoyt 2001
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Balaenoptera sp. (Eldredge 1991, Patterson and Alverson 1986, Perrin 2006), *Globicephala macrorhynchus* (Patterson and Alverson 1986, Hoyt 2001), *Lagenodelphis hosei* (Miyazaki and Wada 1978, Eldredge 1991), *Peponocephala electra* (Miyazaki and Wada 1978, Eldredge 1991), *Stenella coeruleoalba* (Eldredge 1991, Miyazaki and Wada 1978), *Stenella longirostris* (Eldredge 1991, Hoyt 2001), *Tursiops* sp. (Hoyt 2001), *Mesoplodon ginkgodens* (Dalebout et al. 2008), *Physeter macrocephalus* (Eldredge 1991, Patterson and Alverson 1986)

Unconfirmed: *Orcinus orca* (Eldredge 1991, Rock 1993), *Stenella attenuata* (Gilpatrick et al. 1987 in Wiles 2005), *Ziphius cavirostris* (Reeves et al. 1999).

Name of Signatory:

Fiji Islands

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory ■ Not Range State/Territory ▲
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory ▲■ Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: (Ohsumi 1979)
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known ■ unclear <input type="checkbox"/> Please provide details:

2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
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1a	Please provide published distribution references: Ohsumi 1979, Paton and Gibbs 2002
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2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
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1a	Please provide published distribution references:
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2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
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1a	Please provide published distribution references:
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2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
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***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
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1a	Please provide published distribution references: Dawbin 1964, Paterson 2001, Paton and Gibbs 2002, SPWRC 2009
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2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
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2b	Summarise information on distribution (if known):
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increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Lever 1964, Paton and Gibbs 2002
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ohsumi 1979, Kasamatsu et al. 1995, Paton and Gibbs 2002
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ohsumi 1978, Kawamura 1980, Paton and Gibbs 2002, Kanda et al. 2007
<i>Balaenoptera omurai</i> , Omura's Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Perrin pers. comm. 2010
<i>Balaenoptera physalus</i> , Fin Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ohsumi 1979, Paton and Gibbs 2002
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella heinsolmi</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcinus orca</i> , Killer whale or Orca	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Anonymous 1995, Smith pers comm. 2010
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Lever 1964, Paton and Gibbs 2002
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Balaenoptera sp. (Dawbin 1959, Ohsumi 1979, Kasamatsu et al. 1995, Paton and Gibbs 2002), *Balaenoptera edeni* (Ohsumi 1978, Kawamura 1980, Paton and Gibbs 2002, Kanda et al. 2007), *Balaenoptera physalus* (Ohsumi 1979, Paton and Gibbs 2002), *Globicephala macrorhynchus* (Dawbin 1974, Gibbs and Paton 2003, SPWRC 2009), *Megaptera novaeangliae* (Dawbin 1964, Paterson 2001, Paton and Gibbs 2002, SPWRC 2009), *Orcinus orca* (Anonymous 1995, Smith pers. comm. 2010), *Pseudorca crassidens* (Paton and Gibbs 2002, Gibbs and Paton 2003, SPWRC 2009), *Stenella attenuata* (Gibbs and Paton 2003, UNEP-WCMC 2003), *Stenella longirostris* (Gibbs and Paton 2003, Bourke and Powell 2004, SPWRC 2009), *Tursiops* sp. (Reeves et al. 1999, SPWRC 2009), *Physeter macrocephalus* (Lever 1964, Paton and Gibbs 2002), *Mesoplodon densirostris* (Leslie et al. 2005).

Unconfirmed: *Delphinus* sp. (Reeves et al. 1999), *Lagenodelphis hosei* (Baker 1983 in Reeves et al. 1999), *Steno bredanensis* (Paton and Gibbs 2002), *Kogia breviceps* (pygmy sperm whale) (UNEP-WCMC 2003).

In-country activities and initiatives carried out with relevance to cetaceans since the establishment of the CMS Pacific Cetaceans MoU

Research



Humpback Whale migration surveys have been ongoing over the years since the signing of the CMS Cetaceans MoU. The first survey was carried out by

Identification and establishment of protected areas	■	<p>Dave Paton and his team in 2008 from Levuka, 2009 saw the national team carry out the surveys from Makogai. After approval of Cetacean Research funding from the Australian government, surveys on humpback migration and cetacean diversity in the Lomaiviti group from Makogai and Levuka. Dolphin habitat surveys at Moon Reef.</p> <p>Collections of socio economic data on the species present in an area and hotspots and preferred times of the year. Cetaceans have also been given priority in the Vatu-i –ra seascape for the migratory route for humpbacks and the presence of other Cetacean species. Marine Protected Areas to include important dolphin habitat.</p>
Monitoring	□	
Education / awareness raising	■	<p>There have been various workshops, meetings and awareness campaigns to raise the level of Cetacean awareness in the country. Various stakeholders have been involved in the awareness programs as target audience and as presenters on information that they had acquired. Schools, different youth groups, community representatives, policy makers, government staff, non-Government organisations have all been part of the awareness and education raising. Cetacean ID training was carried out.</p>
Species protection	■	<p>Whale and Dolphin Management Plan formulation is underway to protect species in Fiji’s Exclusive Economic Zone, which has been declared a Whale Sanctuary. This addresses the issues of species protection and habitat protection. Implementation of the whale dolphin action plan is also underway.</p>
Control of hunting / poaching	□	
Species restoration	■	<p>Restoration of the hunted whale population such as the Humpback in Fiji waters by declaration of a Whale Sanctuary.</p>
Habitat protection	■	<p>Whale and Dolphin Management Plan formulation is underway to protect species in Fiji’s Exclusive Economic Zone, which has been declared a Whale Sanctuary. This addresses the issues of species protection and habitat protection. Implementation of the whale dolphin action plan is also underway. Habitat restoration</p>
Other	■	<p>Preparation of the policies and legislations and incorporating them in the National Decrees.</p>

Name of Signatory:

French Polynesia

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera* , Blue Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: UNEP-WCMC 2003
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Eubalaena japonica</i>, North Pacific Right Whale (North Pacific)	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Megaptera novaeangliae</i>, Humpback Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Lefèvre et al. 1999, Gannier 2000 and 2004, Bourreau and Gannier 2001, Olavarria et al. 2003, SPWRC 2009
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
<i>Orcaella brevirostris</i>, Irrawaddy Dolphin	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Physeter macrocephalus</i>, Sperm Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Jacquet et al. 1996, Gannier 2000, SPWRC 2004
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known):

increasing decreasing stable not known unclear

Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A. Gannier pers. comm.
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNEP-WCMC 2003
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNEP-WCMC 2003
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gannier 2002a, Eldredge 1991, SPWRC 2004
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Physeter macrocephalus</i> , Sperm Whale	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Jacquet et al. 1996, Gannier 2000, SPWRC 2004
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gannier 2002a, SPWRC 2004
<i>Stenella coeruleoalba</i> ,	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Striped Dolphin (eastern tropical Pacific)					
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gannier 2000 and 2002b, SPWRC 2002, 2004, 2007
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

All cetacean species recorded in national waters

Feresa attenuata (Gannier 2002a, SPWRC 2004), *Globicephala macrorhynchus* (Rancurel 1973, Gannier 2000 and 2002a, SPWRC 2004, 2007), *Grampus griseus* (Gannier 2000 and 2002a, SPWRC 2004), *Lagenodelphis hosei* (Gannier 2000, SPWRC 2004, 2007), *Megaptera novaeangliae* (Lefèvre et al. 1999, Gannier 2000 and 2004, Bourreau and Gannier 2001, Olavarria et al. 2003, SPWRC 2009), *Orcinus orca* (Gannier 2002a, Eldredge 1991, SPWRC 2004), *Peponocephala electra* (Gannier 2000 and 2002a, SPWRC 2004, 2007), *Pseudorca crassidens* (Gannier 2002a, SPWRC 2004), *Stenella attenuata* (Gannier 2002a, SPWRC 2004), *Stenella longirostris* (Gannier 2000 and 2002b, SPWRC 2002, 2004, 2007), *Steno bredanensis* (Gannier 2000 and 2002a, SPWRC 2002, 2004, and 2007, Gannier 2003, Gannier and West 2005), *Tursiops* sp. (Gannier 2000 and 2002a, Brasseur et al. 2002, SPWRC 2004), *Kogia* sp. (Gannier 2000, SPWRC 2004, 2007), *Mesoplodon densirostris* (Gannier 2000, SPWRC 2004, 2007), *Ziphius cavirostris* (Gannier 2000, SPWRC 2004), *Physeter macrocephalus* (Jacquet et al. 1996, Gannier 2000, SPWRC 2004)

Unconfirmed species: *Balaenoptera* sp., (A. Gannier pers. comm.), *Balaenoptera edeni* (UNEP-WCMC 2003), *Balaenoptera physalus* (UNEP-WCMC 2003).

Name of Signatory

New Caledonia

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Borsa 2006, Garrigue 2007
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: one single stranding
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: one single stranding

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Clua 2002, Garrigue et al. 2003, Borsa and Hoarau 2004, Garrigue 2007

2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: One single individual observed
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: one single individual observed

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Garrigue, unpublished
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: one confirmed observation (recent)
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: one confirmed observation (recent)

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Dawbin 1964, Eldredge 1991, Garrigue and Gill 1994, Gill et al. 1995, Garrigue and Greaves 2000, Garrigue et al. 2001, Paterson 2001, Garrigue et al. 2002, Olavarria et al. 2003, Garrigue et al. 2004, Baker et al. 2005, Palsbøll et al. 2005, Garrigue 2007, Garrigue et al. 2010, Schaffar et al 2010, SPWRC 2011, Horton et al 2011, Garland et al 2011
2a	Summarise information on population size (if known):

	increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Garrigue and Greaves 2001, UNEP/WCMC 2003, SPWRC 2008, Garrigue 2007, Poupon and Garrigue 2011
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNEP-WCMC 2003, Borsa 2006
<i>Balaenoptera borealis</i> , Sei Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Borsa 2006
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kawamura 1980, Reeves et al. 1999
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Garrigue unpublished
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Borsa 2006

<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcinus orca</i> , Killer whale or Orca	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Garrigue and Greaves 2001, Garrigue 2007
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Garrigue and Greaves 2001, UNEPWCMC 2003, SPWRC 2008, Garrigue 2007
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Garrigue 2007
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Garrigue 2007
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Oremus et al 2009, Garrigue 2007

All cetacean species recorded in national waters

Balaenoptera acutorostrata subsp. (Arnold et al. 1987, Garrigue and Greaves 2001, SPWRC 2008), *Balaenoptera bonaerensis* (UNEP-WCMC 2003, Borsa 2006), *Balaenoptera borealis* (Borsa 2006), *Balaenoptera* sp. (Kawamura 1980, Reeves et al. 1999), *Balaenoptera musculus brevicauda* (Clua 2002, Garrigue et al. 2003, Borsa and Hoarau 2004), *Balaenoptera physalus* (Garrigue unpublished), *Delphinus* sp. (Heyning and Perrin 1994, Reeves et al. 1999), *Feresa attenuata* (Garrigue 2006), *Globicephala macrorhynchus* (Garrigue and Greaves 2001, Bustamante et al. 2003, UNEP-WCMC 2003), *Grampus griseus* (Garrigue and Greaves 2001, UNEP-WCMC 2003), *Megaptera novaeangliae* (Dawbin 1964, Eldredge 1991, Garrigue and Gill 1994, Gill et al. 1995, Garrigue and Greaves 2000, Garrigue et al. 2001, Paterson 2001, Garrigue et al. 2002, Olavarria et al. 2003, Garrigue et al. 2004, Baker et al. 2005, Palsbøll et al. 2005, SPWRC 2009, Garrigue et al 2010, Schaffar et al 2010, Horton et al 2011, Garland et al 2011), *Orcinus orca* (Garrigue and Greaves 2001), *Peponocephala electra* (Garrigue 2006), *Pseudorca crassidens* (Greaves and Garrigue 1999, SPWRC 2004, SPWRC 2008), *Stenella attenuata* (Garrigue and Greaves 2001, UNEP-WCMC 2003), *Stenella longirostris* (Garrigue and Greaves 2001), *Steno bredanensis* (Garrigue, 2007, SPWRC 2007), *Tursiops aduncus* (Hale et al. 2000, Garrigue 2006, SPWRC

2008), *Tursiops truncatus* (Garrigue and Greaves 2001), *Kogia breviceps* (Sylvestre 1988, Bustamante et al. 2003, SPWRC 2009), *Kogia sima* (Rancurel 1973, Reeves et al. 1999, SPWRC 2004, Garrigue 2006), *Physeter macrocephalus* (Garrigue and Greaves 2001, UNEP-WCMC 2003, SPWRC 2008), *Mesoplodon densirostris* (Garrigue and Greaves 2001, UNEP-WCMC 2003, Borsa 2005), *Ziphius cavirostris* (Garrigue 2006), *Physeter macrocephalus* (Garrigue and Greaves 2001, UNEPWCMC 2003, SPWRC 2008)

Unconfirmed: *Delphinus delphis* (Borsa 2006).

In-country activities and initiatives carried out with relevance to cetaceans since the establishment of the CMS Pacific Cetaceans MoU

Research	<input checked="" type="checkbox"/>	Study of humpback whales movement in New Caledonia and migration routes, Effects of whale watching boats on humpback whales, General distribution of all cetaceans using 20 years of data
Identification and establishment of protected areas	<input type="checkbox"/>	part of the lagoons listed as a world-wide heritage
Monitoring	<input checked="" type="checkbox"/>	on going project on humpback whales since 1995, lagoon monitoring by the department of environment
Education / awareness raising	<input checked="" type="checkbox"/>	education tools published and distributed in school
Species protection	<input checked="" type="checkbox"/>	legislation on cetacean in Northern and Southern provinces
Control of hunting / poaching	<input type="checkbox"/>	
Species restoration	<input type="checkbox"/>	
Habitat protection	<input type="checkbox"/>	
Habitat restoration	<input type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	Control of whale watching activities

Name of Signatory

Niue

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

Balaenoptera borealis, Sei Whale

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: SPWRC 2011
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known):

increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Constantine 1999a, Reeves et al. 1999, SPWRC 2011
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Ohsumi 1979, SPWRC 2011
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kasamatsu et al. 1995, Constantine 1999a, SPWRC 2009
<i>Balaenoptera borealis</i> , Sei Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPWRC 2011
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcinus orca</i> , Killer whale or Orca	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Constantine 1999a
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Ohsumi 1979, SPWRC 2011
<i>Sousa chinensis</i> , Indo- Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Balaenoptera sp. (Kasamatsu et al. 1995, Constantine 1999a, SPWRC 2009), *Globicephala macrorhynchus* (Constantine 1999a), *Megaptera novaeangliae* (Constantine 1999a, Reeves et al. 1999, SPWRC 2002, 2004, 2009), *Orcinus orca* (Constantine 1999a), *Pseudorca crassidens* (Constantine 1999a), *Stenella longirostris* (Constantine 1999a, Hoyt 2001, SPWRC 2009), *Physeter macrocephalus* (Ohsumi 1979)

Name of Signatory:

Papua New Guinea

Date of signing the Pacific Cetaceans MoU: 6th March, 2007

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Odyssey logbook 2001
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Eubalaena japonica</i>, North Pacific Right Whale (North Pacific)	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Megaptera novaeangliae</i>, Humpback Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Munday 1994
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Orcaella brevirostris</i>, Irrawaddy Dolphin	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Physeter macrocephalus</i>, Sperm Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Lever 1964, Berzin 1972, Dawbin 1972, Munday 1994, Visser and Bonoccorso 2003, Miller and Rei 2010
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known):

increasing decreasing stable not known unclear

Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	Odyssey logbook 2001
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	Ohsumi 1978
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	Miyazaki and Wada 1978, Odyssey logbook 2001
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	▲	<input type="checkbox"/>	<input type="checkbox"/>	■	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Dawbin 1972, Mitchell 1975, UNEP/WCMC 2003
<i>Orcinus orca</i> , Killer whale or Orca	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Munday 1994, Visser and Bonoccorso 2003
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Lever 1964, Berzin 1972, Dawbin 1972, Munday 1994, Visser and Bonoccorso 2003, Miller and Rei 2010
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	▲■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dawbin 1972, Jefferson and Karczmarski 2001, UNEP/WCMC 2003
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	▲	UNEP/WCMC 2003, Visser 2003

Asian populations)					
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	■	<input type="checkbox"/>	▲	Munday 1994, Visser 2003, Visser and Bonoccorso 2003,
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	▲	■	<input type="checkbox"/>	<input type="checkbox"/>	Munday 1994, Visser 2003

All cetacean species recorded in national waters

Balaenoptera borealis (Odyssey logbook 2001), *Globicephala macrorhynchus* (Munday 1994, Visser 2002), *Grampus griseus* (Visser 2003), *Lagenodelphis hosei* (Miyazaki and Wada 1978, Odyssey logbook 2001), *Megaptera novaeangliae* (Munday 1994), *Orcaella heinsohni* (Dawbin 1972, Mitchell 1975, UNEP-WCMC 2003), *Orcinus orca* (Munday 1994, Visser and Bonoccorso 2003), *Peponocephala electra* (Munday 1994, Reeves et al. 1999, Visser 2002, UNEP-WCMC 2003), *Pseudorca crassidens* (Munday 1994, Visser 2002), *Sousa chinensis* (Dawbin 1972, Jefferson and Karczmarski 2001, UNEP-WCMC 2003), *Stenella attenuata* (UNEP-WCMC 2003, Visser 2003), *Stenella longirostris* (Munday 1994, Visser 2003, Visser and Bonoccorso 2003), *Tursiops* sp. (Munday 1994, Visser 2003), *Kogia* sp. (Visser 2003), *Ziphius cavirostris* (Visser 2003), *Physeter macrocephalus* (Lever 1964, Berzin 1972, Dawbin 1972, Munday 1994, Visser and Bonoccorso 2003)

Unconfirmed: *Balaenoptera* sp. (Ohsumi 1978), *Feresa attenuata* (Munday 1994), *Lissodelphis peronii* (UNEP-WCMC 2003) (see text), *Mesoplodon densirostris* (Visser 2003), *Steno bredanensis* (Visser 2003).

Name of Signatory:

Pitcairn Islands

Date of signing the Pacific Cetaceans MoU: 29th July, 2009

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory ■ Not Range State/Territory ▲
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory ▲ Possible Range State/Territory ■ Not Range State/Territory <input type="checkbox"/>
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1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Horswill (in prep)
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Lever 1964
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	G. Wragg pers. comm.
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

(Southeast Asian populations)					
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcinus orca</i> , Killer whale or Orca	<input type="checkbox"/>	■	<input type="checkbox"/>	▲	
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Lever 1964
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	■	<input type="checkbox"/>	▲	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	■	<input type="checkbox"/>	▲	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	■	<input type="checkbox"/>	▲	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Globicephala macrorhynchus (Reeves et al. 1999, Horswill (in prep)), *Megaptera novaeangliae* (Horswill (in prep)), *Physeter macrocephalus* (Lever 1964)

Unconfirmed: *Balaenoptera* sp. (G. Wragg pers. comm.), *Ziphius cavirostris* (Horswill, in prep)

Name of Signatory:

Samoa

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Eubalaena japonica</i>, North Pacific Right Whale (North Pacific)	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Megaptera novaeangliae</i>, Humpback Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Paterson 2001, Paton and Gibbs 2002, Ward et al. 2006, Ward and Asotasi 2007
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Orcaella brevirostris</i>, Irrawaddy Dolphin	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Physeter macrocephalus</i>, Sperm Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Townsend 1935, SPWRC 2004, Ward et al. 2008, Ward 2011
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known):

increasing decreasing stable not known unclear

Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kasamatsu et al. 1995 in Paton and Gibbs 2002
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPWRC 2002, 2004
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Miyashita et al. 1995
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Physeter macrocephalus</i> , Sperm Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Townsend 1935, SPWRC 2004, Ward et al. 2008, Ward 2011
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Stenella coeruleoalba</i> ,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Striped Dolphin (eastern tropical Pacific)					
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Balaenoptera acutorostrata (Ward et al. 2006), *Balaenoptera edeni* (SPWRC 2002, 2004), *Globicephala macrorhynchus* (Paton and Gibbs 2002, Childerhouse 2005), *Grampus griseus* (SPWRC 2002, 2004), *Lagenodelphis hosei* (SPWRC 2004), *Megaptera novaeangliae* (Paterson 2001, Paton and Gibbs 2002, Noad et al. unpub., Ward et al. 2006, Ward and Asotasi 2007), *Orcinus orca* (Miyashita et al. 1995), *Peponocephala electra* (SPWRC 2004, SPWRC 2009), *Pseudorca crassidens* (Paton and Gibbs 2002, Noad et al. unpub.), *Stenella coeruleoalba* (SPWRC 2004), *Stenella longirostris* (Paton and Gibbs 2002, Childerhouse 2005, Ward et al. 2006, Ward and Asotasi 2007, Ward et al. 2008, Ward 2011), *Steno bredanensis* (SPWRC 2004, Childerhouse 2005), *Tursiops* sp. (Bourke and Powell 2003, UNEP-WCMC 2003, SPWRC 2004, Childerhouse 2005), *Kogia sima* (Olavarría et al. 2005, Samoa Stranding Database 2006), *Mesoplodon densirostris* (Ward and Simi 2010), *Ziphius cavirostris* (Samoa Stranding Database 2006), *Physeter macrocephalus* (Townsend 1935, SPWRC 2004, Ward et al. 2008, Ward 2011).

Unconfirmed: *Balaenoptera* sp. (Kasamatsu et al. 1995 in Paton and Gibbs 2002), *Mesoplodon* sp. (Olavarría et al. 2005)

Name of Signatory:

Solomon Islands

Date of signing the Pacific Cetaceans MoU: 6th March, 2007

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory ■ Not Range State/Territory ▲
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory ■ Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory ▲
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1a	Please provide published distribution references: Ohsumi and Shigemune 1993 <i>in</i> Shimada and Pastene 1995
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Balaenoptera physalus</i>, Fin Whale	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Eubalaena australis</i>, Southern Right Whale	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Eubalaena japonica</i>, North Pacific Right Whale (North Pacific)	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Megaptera novaeangliae</i>, Humpback Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: UNEP-WCMC 2003
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Berzin 1972, Shimada and Pastene 1995
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Miyazaki and Wada 1978, Ohsumi 1981, Shimada and Pastene 1995, Reeves et al. 1999
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Hill 1989 in Kahn 2004, Bass 2009
<i>Orcinus orca</i> , Killer whale or Orca	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Shimada and Pastene 1995, Kahn 2004
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Berzin 1972, Shimada and Pastene 1995
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Balaenoptera musculus (Ohsumi and Shigemune 1993 in Shimada and Pastene 1995), *Globicephala macrorhynchus* (Shimada and Pastene 1995, Kahn 2004), *Grampus griseus* (Shimada and Pastene 1995, Kahn 2004), *Lagenodelphis hosei* (Shimada and Pastene 1995), *Orcaella heinsohni* (Hill 1989 in Kahn 2004, Bass 2009), *Orcinus orca* (Shimada and Pastene 1995, Kahn 2004), *Peponocephala electra* (Shimada and Pastene 1995), *Pseudorca crassidens* (Dawbin 1972, Shimada and Pastene 1995), *Stenella attenuata* (Dawbin 1972, Shimada and Pastene 1995, Kahn 2004), *Stenella coeruleoalba* (Dawbin 1972, Takekawa 1996), *Stenella longirostris* (Shimada and Pastene 1995, Kahn 2004), *Steno bredanensis* (Dawbin 1972, Kahn 2004), *Tursiops* sp. (Kahn 2004, Kurihara and Oda 2007), *Physeter macrocephalus* (Berzin 1972, Shimada and Pastene 1995)

Unconfirmed: *Balaenoptera* sp. (Miyazaki and Wada 1978, Ohsumi 1981, Shimada and Pastene 1995, Reeves et al. 1999), *Delphinus* sp. (Dawbin 1972), *Megaptera novaeangliae* (UNEP-WCMC 2003), *Mesoplodon densirostris* (Dawbin 1974), *Ziphius cavirostris* (Dawbin 1974).

Name of Signatory:

Tonga

Date of signing the Pacific Cetaceans MoU: 9th September 2010

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: D. Donnelly, pers. comm
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Dawbin 1964, Eldredge 1991, Paterson 2001, SPWRC 2002, Olavarria et al. 2003, Eriksen et al. 2005, SPWRC 2011
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Dufault and Whitehead 1995, SPWRC 2004
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known):

increasing decreasing stable not known unclear

Please provide details:

Appendix II cetaceans

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPWRC 2002 and 2004
<i>Balaenoptera borealis</i> , Sei Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D. Donnelly, pers. comm. 2009
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella heinssohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Visser and Bonaccorso 2003, SPWRC 2004
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Physeter macrocephalus</i> , Sperm Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dufault and Whitehead 1995, SPWRC 2004
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rochelle Constantine PhD, 2011, pers comm
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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All cetacean species recorded in national waters

Balaenoptera acutorostrata subsp. (SPWRC 2004), *Balaenoptera bonaerensis* (SPWRC 2002 and 2004), *Balaenoptera borealis* (D. Donnelly, pers. comm.), *Delphinus delphis* (SPWRC 2009), *Feresa attenuata* (SPWRC 2004), *Globicephala macrorhynchus* (Hoyt 2001, SPWRC 2004), *Grampus griseus* (SPWRC 2004), *Megaptera novaeangliae* (Dawbin 1964, Eldredge 1991, Paterson 2001, SPWRC 2002, Olavarria et al. 2003, SPWRC 2004, Eriksen et al. 2005), *Orcinus orca* (Visser and Bonoccorso 2003, SPWRC 2004), *Peponocephala electra* (SPWRC 2004), *Pseudorca crassidens* (Reeves et al. 1999, SPWRC 2004, Childerhouse 2005), *Stenella attenuata* (SPWRC 2004), *Stenella longirostris* (UNEP-WCMC 2003, SPWRC 2004, SPWRC 2008), *Tursiops* sp.(SPWRC 2004), *Physeter macrocephalus* (Dufault and Whitehead 1995, SPWRC 2004)

Unconfirmed: *Steno bredanensis* (L. Eyres, pers. comm.)

Name of Signatory:

Tuvalu

Date of signing the Pacific Cetaceans MoU: 9th September 2010

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known):

	increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Berzin 1972, SPWRC 2008, V. Iese, pers. comm.
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Childerhouse and Wheeler 2008
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Phocoena dioptica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Berzin 1972, SPWRC 2008, V. Iese, pers. comm.
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Balaenoptera sp. (Childerhouse and Wheeler 2008), *Orcinus orca* (Miyashita et al. 1995, Childerhouse and Wheeler 2008), *Stenella attenuata* (UNEP-WCMC 2003, Oremus et al. 2007), *Stenella longirostris* (Oremus et al. 2007), *Tursiops* sp. (Anon. 2006, Reeves 2006), *Kogia* sp. (Oremus et al. 2007), *Physeter macrocephalus* (Berzin 1972, SPWRC 2008, V. Iese, pers. comm.)

Unconfirmed: *Pseudorca crassidens* (V. Iese, pers. comm.), Ziphiid sp. (V. Iese, pers. comm.)

Name of Signatory:

Vanuatu

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory ■ Not Range State/Territory ▲
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Dawbin 1964, SPWRC 2004
2a	Summarise information on population size (if known):

	increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Orcaella brevirostris*, Irrawaddy Dolphin**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Berzin 1972, SPWRC 2004
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ohsumi 1978, Ivashin 1980
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Orcinus orca</i> , Killer whale or Orca	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	C. Garrigue pers. comm.
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Physeter macrocephalus</i> , Sperm Whale	■	<input type="checkbox"/>	<input type="checkbox"/>	▲	Berzin 1972, SPWRC 2004
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Globicephala macrorhynchus (Rancurel 1973, SPWRC 2004), *Megaptera novaeangliae* (Dawbin 1964, SPWRC 2004), *Orcinus orca* (C. Garrigue pers. comm.), *Peponocephala electra* (Rancurel 1973, SPWRC 2004), *Stenella attenuata* (SPWRC 2004), *Stenella longirostris* (Delcloitre 1995, SPWRC 2004), *Tursiops* sp. (Reeves et al. 1999), *Physeter macrocephalus* (Berzin 1972, SPWRC 2004)

Unconfirmed: *Balaenoptera* sp. (Ohsumi 1978, Ivashin 1980), *Stenella coeruleoalba* (UNEP-WCMC 2003).

Name of Signatory:

Wallis and Futuna

Date of signing the Pacific Cetaceans MoU: 15th September, 2006

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera musculus*, Blue Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Balaenoptera physalus*, Fin Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input checked="" type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Eubalaena australis*, Southern Right Whale**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/>

	Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Eubalaena japonica</i>, North Pacific Right Whale (North Pacific)	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Megaptera novaeangliae</i>, Humpback Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: C. Garrigue pers. comm.
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Orcaella brevirostris</i>, Irrawaddy Dolphin	
1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
<i>Physeter macrocephalus</i>, Sperm Whale	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references: Berzin 1972
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

Please provide details:

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera borealis</i> , Sei Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera edeni</i> , Bryde's whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Balaenoptera physalus</i> , Fin Whale	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Caperea marginata</i> , Pygmy Right whale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Delphinus delphis</i> , Common Dolphin (Eastern tropical Pacific populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus australis</i> , Peale's Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Neophocaena phocaenoides</i> , Finless Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella brevirostris</i> , Irrawaddy Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Orcinus orca</i> , Killer whale or Orca	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Phocoena dioptrica</i> , Spectacled Porpoise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Physeter macrocephalus</i> , Sperm Whale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Berzin 1972
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<i>Stenella coeruleoalba</i> , Striped Dolphin (eastern tropical Pacific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▲■	

All cetacean species recorded in national waters

Megaptera novaeangliae (C. Garrigue pers. comm.), *Physeter macrocephalus* (Berzin 1972)

Name of Signatory:

Australia

Appendix I cetacean species

***Balaenoptera borealis*, Sei Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> ▲ Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Bannister et al. 1996; Chatto & Warneke 2000; Ensor et al. 2002; Gill 2002; Kato et al. 1996; McManus et al. 1984; Nishiwaki et al. 1998; Parker 1978.
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: Providing reliable estimates of Sei Whale population size in Australia is not currently possible, as there are no dedicated surveys, and Sei Whales range widely over a very large area that is difficult to survey. There is insufficient information from any region to indicate trends in current population size.
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: Sei Whales have been infrequently recorded in Australian waters (Bannister et al. 1996). The similarity in appearance of Sei Whales and Bryde's Whales (<i>Balaenoptera edeni</i>) has resulted in confusion about distributional limits and frequency of occurrence, particularly in warmer waters (>20 °C) where Bryde's Whales are more common. Sei Whales were thought to be the most common whales reported by whalers off Albany, Western Australia while Sperm whaling, however, these may have been misidentified Bryde's Whales (Bannister et al. 1996). There are several reports of presumed Sei Whale sightings by fishermen around the shelf edge (50 km offshore) off the coast of NSW. A trawled carcass of a Sei Whale was reported within 300 km of the Northern Territory coast (Chatto & Warneke 2000). There is one record of a Sei Whale stranding for Tasmania in 1963 (R. Warneke 2004, <i>pers. comm.</i>) and another stranding of a Sei Whale in Tasmania in 1980 (McManus et al. 1984). Sei Whales have been sighted 20–60 km offshore on the continental shelf in the Bonney Upwelling (off the coast of south-western Victoria and south-eastern South Australia) between December and April 2000–03, presumably feeding (P. Gill 2002, 2004, <i>pers. comm.</i>). Sei Whales were reported 200 nautical miles (nm) south-west of Port Lincoln in December 1995 and a concentration of Sei Whales was reported at the western end of Bass Strait (Kato et al. 1996). Surveys passing through Commonwealth waters during the 2001–02 and 2002–03 International Whaling Commission (IWC) Southern Ocean Whale and Ecosystem Research (SOWER) cruises found a small number of Sei Whales, including cows with calves, about 40 km south of Hobart, Tasmania (Ensor et al. 2002). Seven Sei Whales were seen apparently feeding about 65 km south of Tasmania in January 1993, and a Sei Whale was seen close inshore off Tasman Peninsula, south-east Tasmania, in June 1996 (P. Gill 2004, <i>pers. comm.</i>). Sei Whales are also found in waters off Australia's Antarctic Territory. In the 1960s and 1970s, Sei Whales formed the highest percentage of whales sighted during Australian National Antarctic Research Expedition (ANARE) voyages (Parker 1978). However, very few Sei Whales were seen during

	<p>Japanese Research Whaling Program in the Antarctic (JARPA) cruises in Australian Antarctic waters between 1989–90 and 1995–96 (Nishiwaki et al. 1998). The diversity of habitat for Sei Whales may be driven by dynamic physical and prey processes (D. Thiele 2004, pers. comm.). There are no known mating or calving areas in Australian waters (Parker 1978). The extent of occurrence and area of occupancy of Sei Whales in Australian waters cannot be calculated due to the rarity of sightings records</p>
<p><i>Balaenoptera musculus</i>, Blue Whale</p>	
1	<p>Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/></p>
1a	<p>Please provide published distribution references: Burton 2003; Butler et al. 2002; Department of the Environment and Heritage (DEH) 2005a, 2008b; Gill 2004; Kato et al. 1996; McCauley et al. 2004; Mikhalev 2000.</p>
2a	<p>Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: Reliable estimates of Blue Whale population size in the Australian region are not currently possible. This is because the species range over very large areas that are difficult to survey and because many aggregation areas are still unknown. The amount of time that Blue Whales spend at the surface varies depending on behaviour and local ecology (e.g. whether they are travelling or foraging, and the depth at which prey occurs), which means that modelling population size based on sighted numbers is inaccurate. Southern Blue Whales are considered among the most endangered of all baleen whale populations (Clapham et al. 1999). In Antarctic waters, an estimated 1700 survive (Branch et al. 2004). <i>Localised population figures</i> In the Bonney Upwelling, the most Blue Whales spotted in a single aerial survey was 50 (based on 100 aerial surveys in 1998–2005). Although this figure is an underestimate it is a reliable minimum estimate. Of all sightings, about 40 individuals have been photo-identified since 1998, which is a low ID rate and has reduced the ability for resightings. In 2004, there had been one resight between seasons (1998–2004), and several resights within the 2004–05 season (Morrice 2004). In the Perth Canyon, up to 40 Blue Whales have been sighted in a single aerial survey. Preliminary estimates from aerial survey of numbers in the peak period (January–March in 2000–04) have given a maximum of 43, however, numbers are variable from year to year. During vessel surveys, 211 unique individuals have been photo-identified over six years (2000–05). Of these, one whale was sighted over four separate seasons, one over three seasons and 11 over two seasons (Jenner & Jenner 2004). There has been at least one resight of a whale between the Perth Canyon (February 2004) and the Bonney Upwelling (April 2005) confirming interchange between these two areas, and raising the question of whether these groups are two distinct 'sub-populations'. Preliminary acoustic data indicates that blue whale calls from both areas are identical (McCauley et al. 2004), which suggests regular interchange. Relatively high numbers of Blue Whales have been observed annually, since 1994, during October–December surveys in Geographe Bay, a shallow embayment in south-west Western Australia. Surveys conducted in 2003 recorded over 100 sightings (Burton 2003). No feeding behaviour has been observed, however small calves are regularly seen. The majority of whales move slowly into the bay from the north and follow the shallow bathymetry around Cape Naturaliste to the west. It appears to be a transitory corridor and/or migratory resting area (Burton 2003). <i>Population trends</i> Branch et al. (2004) estimated a catastrophic decline in Southern Blue Whales due to whaling, from 239 000 individuals pre-whaling to 360 individuals by 1973. There are no comparable data for Pygmy Blue Whales, although they were whaled illegally after whaling bans had occurred: an estimated 11 000 catches were undeclared to the IWC (Mikhalev 2000). The only recent estimate of population increase is 7.3% for Southern Blue Whales (Branch et al. 2004), however, this estimate was based on a very small sample size and did not take into account Pygmy Blue Whale populations. In the North Pacific, Northern Blue Whale numbers off the coast of California increased dramatically during the 1980s, at a rate exceeding possible natural increase. This was thought to be due to a shift in oceanographic conditions, possibly resulting in greater prey abundance in inshore upwelled waters, with a presumed reduction in prey availability elsewhere (Calambokidis 1995). Whether this pattern was associated with long-term trends or rare conditions is unknown. It is unknown whether Blue Whales undergo natural population fluctuations in Australian waters. However, there is some variability between seasons in both the Bonney Upwelling (Gill 2004) and the Perth Canyon (McCauley et al. 2004) feeding areas, but this variability is not by an order of magnitude. There has been an apparent increase in sightings in Geographe Bay over the last 10 years (Burton 2003; Burton & Jenner 2005). In the Australian context, the two aggregations that inhabit the Perth Canyon and the Bonney Upwelling feeding grounds should be regarded as key groups that should be carefully protected.</p>
2b	<p>Summarise information on distribution (if known):</p>

	<p>increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/></p> <p>Please provide details:</p> <p>The recognised aggregation areas for Blue Whales utilising Australian waters are illustrated in Figure 1 of the Blue, Fin and Sei Whale Recovery Plan 2005–2010 (DEH 2005a). It should be noted that the boundaries presented in this map are indicative: year-to-year movement variability occurs depending on annual conditions (DEH 2005a). Blue Whale sightings in Australian waters have been widespread, and it is likely that the whales occur right around the continent at various times of the year. However, much of the Australian continental shelf and coastal waters have no particular significance to the whales and are used only for migration and opportunistic feeding. The only known areas of significance to Blue Whales are feeding areas around the southern continental shelf, notably the Perth Canyon, in Western Australia, and the Bonney Upwelling and adjacent upwelling areas of South Australia and Victoria (DEH 2005a).</p> <p><i>Areas of Blue Whale aggregation</i></p> <p>There are three main areas that have been identified as known feeding areas for Blue Whales in Australian waters and the times of year that whales have been observed in these areas. These are: (1) Bonney upwelling, south-east South Australia to western Victorian waters (November to April); (2) Duntroon Basin, South Australia (November to April); and (3) Perth Canyon off Rottnest Island, Western Australia (December to April). These areas were confirmed during an International Whaling Commission (IWC) survey in late 1995 (Kato et al. 1996). The Bonney Upwelling and Perth Canyon are the best known Blue Whale aggregation areas in Australian waters. Bass Strait and the waters of the eastern Great Australian Bight are also known feeding areas, although perhaps only in certain years (Mustoe 2003 <i>pers. comm.</i>). Other important areas of aggregation include Geographe Bay and Quondong Point, which are used as migratory waypoints, the upwellings around Browse Island, which is likely feeding area during migration to Indonesia, and areas around Cape Naturaliste and Rottnest Island, which are also feeding grounds (DEWHA 2008b). The Subtropical Front (the confluence of subtropical and subantarctic waters (40–45° S)), not far to the south of Australia, is also likely to be a large-scale feeding area (Mikhalev 2000). Satellite tagging has shown rapid movement from western and eastern Australia to the Subtropical Front. This area of aggregation was targeted by Soviet whalers during the 1960s (Mikhalev 2000). Anecdotal feeding areas include offshore of Eden and Merimbula, NSW (especially during October) (Butt 2001) and the continental shelf from Rottnest Island to Northwest Cape (McCauley 2004). Further feeding grounds may be identified in the future.</p> <p><i>Area of occupancy</i></p> <p>Sightings of this species are widespread and most oceanic areas of Australia may support actual or potential habitat of the Blue Whale. Thus, the Blue Whale's Australian area of occupancy extends to all Australian oceanic areas. However, there are key feeding areas (the Bonney Upwelling, the Perth Canyon and Cape Naturaliste) that could be considered critical areas for the survival of this species (Burton 2003). The cumulative area of these key sites is approximately 29 300 km². The Bonney Upwelling feeding area (from Robe, South Australia, to Cape Otway, Victoria, and seawards to just beyond the shelf break) is approximately 20 000 km² in area (Butler et al. 2002). When the occasional feeding ground to the west and south of Kangaroo Island is included, the total area is 26 000 km². These estimates are based on confirmed sighting records collected by the Blue Whale Study (Australocetus Research and Deakin University) since 1998 (however, this does not include waters east of Cape Otway) (Thiele 2005, <i>unpubl. data</i>). The Perth Canyon feeding area is approximately 2300 km² in area. This is based on the distribution of whales during aerial and boat surveys. Photo-identified and satellite-tagged whales have been shown to remain in the area for an average of two to four weeks. However, whales are also likely to feed opportunistically in areas north of the canyon and along the continental shelf break as far north as the Abrohlos Islands (McCauley et al. 2004). An area defined by southern Cape Naturaliste north to the 33° S has been regularly surveyed for Blue Whales by aerial flights and boat-based operations. This area covers approximately 1000 km² (Burton 2003).</p> <p><i>Distribution patterns</i></p> <p>Blue Whale aggregation in Australian waters appear to be determined by the location of predictable, productive feeding grounds (e.g. the Bonney Upwelling and Perth Canyon). These locations give the species a discontinuous distribution. However, interchange between the Bonney Upwelling and Perth Canyon has been demonstrated by photo-ID matching (Jenner, Gill & Morrice, <i>unpubl. data</i>.)</p>
<i>Balaenoptera physalus, Fin Whale</i>	
1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Bannister et al. 1996; Chittleborough 1996; Gill 2002; Larcombe et al. 2002; McCauley et al. 2000; McManus et al. 1984.
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

	<p>Reliable estimates of Fin Whale population size in Australia are not currently possible. The proportion of time that this species spends at the surface varies considerably depending on their behaviour and local ecology (e.g. whether they are travelling or foraging; depth at which prey occurs): thus, extrapolation of accurate population estimates are difficult. There is insufficient information to describe the population structure of Fin Whales (DEH 2005a). Stocks of Fin Whales were depleted by commercial whalers (the north-east Pacific population is estimated at 32–44% of pre-exploitation stock (Braham 1984)) and there is insufficient information to indicate future changes in size in non-North Atlantic Ocean stock (IWC 2007). Natural fluctuations are unknown for Fin Whales within Australian waters, but elsewhere, long-range movements appear food related.</p>
2b	<p>Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input checked="" type="checkbox"/></p> <p>Please provide details: Fin Whale distribution in Australian waters is known primarily from stranding events and whaling records. Fin Whale strandings have been reported in small numbers from Western Australia, South Australia, Victoria and Tasmania (Bannister et al. 1996). Two Fin Whale strandings have been reported in South Australia: one in 1925 off Port Wakefield, the other in 1999 north of Port Lincoln. One Fin Whale was reported stranded in Victoria in 1956 (Larcombe et al. 2002). There are two records of Fin Whale strandings in Western Australia: one yearling in 1951 near Mandurah, the other in 1996 at Cottesloe (Chittleborough 1996). There are three records of Fin Whale strandings in Tasmania (McManus et al. 1984). Chittleborough (1996) reported that nine Fin Whales were taken during the whaling season in Western Australia between 1912 and 1937 and another three Fin Whales in the whaling seasons of 1953, 1956 and 1959. Fin Whales have been sighted inshore in the proximity of the Bonney Upwelling, Victoria, in the summer and autumn months during aerial surveys (Gill 2002). Fin Whale acoustics have been heard off the Rottneest Trench, Western Australia, between January and April 2000 (McCauley et al. 2000). Fin Whale extent of occurrence and area of occupancy cannot be calculated due to scarcity of sighting records.</p>
<p><i>Eubalaena australis</i>, Southern Right Whale</p>	
1	<p>Confirmed Range State/Territory <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/></p>
1a	<p>Please provide published distribution references: Bannister 1979-2005; Bannister 1986; Burnell & Bryden 1997; Burnell & McKenna 1996; Chilvers 2000; Department of the Environment and Heritage (DEH) 2005c; Kemper et al. 1994; Kemper et al. 1997; Ling & Needham 1985-91; Noad 2000; Warneke 1989.</p>
2a	<p>Summarise information on population size (if known): increasing <input checked="" type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/></p> <p>Please provide details: In 1997 the International Whaling Commission (2001) estimated that 17%, or around 1200, of the global Southern Right Whale population occurred in Australia (based on a global abundance of 7000). The most recent information for the Australian population provides an estimate of approximately 1,500 (Bannister 2005). However with the population's increase rate estimated at 7% (IWC, 2001), the global population could now be expected to be around 12,000 in 2005 and the Australian population around 2,100. Stock differentiation analyses are incomplete, but at least four biologically distinct populations exist, wintering off the coasts of Australia, South Africa, Argentina and sub-Antarctic New Zealand (IWC 2001). The breeding areas of these four major populations are geographically separate. A low level of gene flow between populations is evidenced by both mitochondrial DNA analysis and photo-identification resights (Environment Australia 2002; Environment Australia 2004; Best et al. 1993; Patenaude & Harcourt 2002). These data indicate inter-mixing of the Australian population with the sub-Antarctic New Zealand population through the occasional exchange of breeding areas (Environment Australia 2002; Environment Australia 2004). The degree of geographic overlap of feeding areas and any inter-mixing of the Australian populations with others there is unknown.</p>
2b	<p>Summarise information on distribution (if known): increasing <input checked="" type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/></p> <p>Please provide details: Southern Right Whales are seasonally present on the Australian coast between about May and November. Southern Right Whales have been recorded in the coastal waters of all Australian states with the exception of the Northern Territory (Bannister et al. 1996). Principally found around the southern coastline off southern Western Australia and far west South Australia, Southern Right Whales occur anywhere between Sydney and Perth, including off Tasmania (Bannister 1979—2005; Bannister 1990; Burnell & McKenna 1996; Burnell & Bryden 1997; Kemper et al. 1997; Ling & Needham 1985—91; Warneke 1989). Evidence</p>

suggests that fewer than 10% of reproductively mature females calving on the coast in any one year use the coast off Tasmania, Victoria, New South Wales and eastern South Australia (Burnell & McKenna 1996; Kemper et al. 1997). Sightings in more northern waters are relatively rare, but there have been records from Exmouth (22°23'S, 114°07'E) on the west coast (Bannister 2001) and Moreton Bay (27°10'S, 153°20'E) (Chilvers, 2000), Stradbroke Island (27°26'S, 153°32'E) (Noad, 2000) and Hervey Bay (25°S, 153°E) on the east coast. Within their broader geographic range Southern Right Whales in Australia concentrate in certain areas to breed. Major calving areas are located in Western Australia at Doubtful Island Bay (34°10'S, 119°40'E), east of Israelite Bay (33°15'S, 124°10'E); and in South Australia at Head of Bight (31°30'S, 131°10'E) (Bannister 1979-2005; Burnell 1999). Smaller numbers of calving females are regularly seen in Victoria at Warrnambool (38°23'S, 142°29'E); South Australia at Encounter Bay (35°34'S, 138°37'E) and Fowlers Bay (31°59'S, 132°34'E); and Western Australia at Twilight Cove (32°17'S, 126°05'E), Flinders Bay (34°20'S, 115°15'E), Albany/Cape Riche area (35°2'S 118°E), Yokinup Bay/Cape Arid area (33°25'S 123°E) (Bannister 1979-2005; Burnell & McKenna 1996; Kemper et al. 1994; Ling & Needham 1985-91). Areas used intermittently include a number of locations on the Western Australian coast west of Israelite Bay between more regular calving grounds, Sleaford Bay (South Australia), Port Fairy and Portland (Victoria), Eden (NSW), and Maria Island and Bruny Island (Tasmania) (Department of the Environment and Heritage, 2005). The distribution of Southern Right Whales in Australian waters other than near to the coast is unknown. Maps of the Australian distribution of the Southern Right Whale are contained in the Southern Right Whale Recovery Plan 2005—2010 (Department of the Environment and Heritage, 2005).

***Eubalaena japonica*, North Pacific Right Whale (North Pacific)**

1	Confirmed Range State/Territory <input type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input checked="" type="checkbox"/>
1a	Please provide published distribution references:
2a	Summarise information on population size (if known): N/A increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:
2b	Summarise information on distribution (if known): N/A increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details:

***Megaptera novaeangliae*, Humpback Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Baker et al. 1998; DEH 2005b, 2008b; Gill & Burton 1995; Helweg et al. 1998; Jenner et al. 2001; Noad et al. 2000
2a	Summarise information on population size (if known): increasing <input checked="" type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details: The population estimate for the Humpback Whale on the east coast of Australia was around 8000 in 2006 (DEWR 2007). Estimates for the Australian west coast Humpback Whale population were 1,319–14,108 whales in 1991–1992 using photo-identification for the abundance estimate (Jenner & Jenner 1994), and 8,207–13,640 in 1999 using aerial surveys (Bannister & Hedley 2001). Prior estimates for the Australian east coast population ranged from 3,160–4,040 in 1999 using land-based surveys (Paterson et al. 2001) to 6,543 (Noad et al. 2005). There have been wide point estimate variations in growth rates of these two populations but it is generally recognised that the Australian west coast and east coast populations appear to be growing consistently at approximately 10% per annum (Bannister & Hedley 2001; Bryden et al. 1990; Chaloupka & Osmond 1999; Paterson et al. 2001, 2004). There is no evidence that the Australian populations of Humpback Whales have declined in recent years. This estimate is consistent with the most recent findings from a 2004 survey off Stradbroke Island, Queensland (M. Noad 2006, pers. comm.). Even though both populations appear to be recovering at an encouraging level, the west coast population is still at less than 60% and the east coast population at less than 40% of their estimated abundance before the whaling era (Bannister & Hedley 2001). There do not appear to be natural fluctuations in population numbers. There are extreme fluctuations in the extent of occurrence and areas of occupancy depending on whether they are on their summer Antarctic feeding grounds, tropical winter breeding grounds or on their migration path between the two (D. Burns 2006, pers. comm.).
2b	Summarise information on distribution (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input checked="" type="checkbox"/> not known <input type="checkbox"/> unclear <input type="checkbox"/> Please provide details: The distribution, indicative migratory pathways and recognised aggregation areas for Humpback Whales utilising Australian waters are illustrated in Figure 1 (DEH 2005b) but are generally all around Australia.

The current extent of occurrence for the Humpback Whale in Australian waters is: most of the Southern Ocean during summer; a large area of State and Commonwealth waters during migration; and unknown areas of the Great Barrier Reef complex, Queensland, and the Kimberley region, Western Australia, during breeding in winter and spring (Jenner et al. 2001). It is difficult to estimate how the population recovery of the Humpback Whale will affect the Australian distribution of this species. Information below on calving, migration and resting is reproduced from the Humpback Whale Recovery Plan 2005–2010 (DEH 2005b):

Calving

Currently known calving areas (based on observations of mothers with very young calves) for Australian Humpback Whales include: (1) Western Australia - Southern Kimberley between Broome and the northern end of Camden Sound (2) Queensland - Great Barrier Reef complex between approximately 14° S and 27° S less frequently, along the migratory pathways. The North-west Marine Region is particularly important for the Western Australian population of Humpback Whales whose known breeding and calving grounds are between Broome and the Northern end of Camden Sound. There is a migration path between Point Cloates and North West Cape and high concentrations of humpbacks are observed in Camden Sound and Pender bay between June and September each year (DEWHA 2008b). Humpback Whales migrate north from their Antarctic feeding grounds around May each year, reaching the waters of the North-west Marine Region in early June. Immature individuals and lactating females arrive first, followed by non-pregnant females arriving last. Breeding and calving takes place between mid-August and early September when the southern migration starts. Females with calves are the last to leave the breeding grounds stopping to rest in Exmouth Gulf and Shark Bay. The western Australian population of Humpback Whales are genetically distinct from the eastern Australian population, with very little exchange between the two, even in their Antarctic feeding grounds (DEWHA 2008b).

Migration

Along parts of the migratory route there are narrow corridors and bottlenecks resulting from physical and other barriers where the majority of the population passes close to shore (within 30 km of the coastline). These habitat areas are important during the time of migration and include: (1) Western Australia - Geraldton/Abrolhos Islands, and Point Cloates to North West Cape; (2) Queensland - east of Stradbroke Island, and east of Moreton Island; and (3) NSW - Cape Byron.

Resting

Resting areas are used by cow-calf pairs and attendant males during the southern migration. These whales appear to use sheltered bays to opportunistically rest during migration to the feeding grounds and include: (1) Western Australia - Exmouth Gulf, Shark Bay, Geographe Bay, and waters adjacent to the Houtman Abrolhos Islands (DEWHA 2008a); (2) Queensland - the Whitsundays, Hervey Bay, Moreton Bay, the Swain Reefs complex, Bell Cay, and the Palm Island Group; and (3) NSW - Twofold Bay.

The current extent of occurrence for the Humpback Whale in Australian waters is: most of the Southern Ocean during summer; a large area of State and Commonwealth waters during migration; and unknown areas of the Great Barrier Reef complex, Queensland, and the Kimberley region, Western Australia, during breeding in winter and spring (Jenner et al. 2001). It is difficult to estimate how the population recovery of the Humpback Whale will affect the Australian distribution of this species.

Baker et al. (1998) advocate that Australia's west and east coast Humpback Whale populations are currently considered genetically distinct with long-term gene flow estimated at only a few females per generation, however, analysis of song has shown links between the west and east coast populations (Noad et al. 2000) and has confirmed links between east Australia, New Zealand, New Caledonia and the Pacific Islands populations (Gill & Burton 1995; Helweg et al. 1998).

***Physeter macrocephalus*, Sperm Whale**

1	Confirmed Range State/Territory <input checked="" type="checkbox"/> Possible Range State/Territory <input type="checkbox"/> Not Range State/Territory <input type="checkbox"/>
1a	Please provide published distribution references: Bannister et al. 1996
2a	Summarise information on population size (if known): increasing <input type="checkbox"/> decreasing <input type="checkbox"/> stable <input type="checkbox"/> not known <input checked="" type="checkbox"/> unclear <input type="checkbox"/> Please provide details: No population estimates are available for Sperm Whales in Australian waters. In the Antarctic south of 60° S, a preliminary population estimate of at least 3,200–14,000 animals has been made (Butterworth et al. cited in National Marine Fisheries Service 2006), most of which would be mature males. Considering the Australian Antarctic Territory covers more than 42% of the continent and 25% of the coast (Crossley 1995), it is likely that approximately one quarter of the total population of mature males exist in Australian waters. The total number of mature female Sperm Whales is unknown. It is likely that the total number of mature animals within Australian waters is less than 10,000. However, the population structure requires resolving as there may be discrete subpopulations (Peddemors & Harcourt 2006, pers. comm.). Lack of taxonomic resolution, plus a lack of abundance and distribution data do not allow definitive assessment of the likelihood for subpopulations within Australian populations of Sperm Whale. Based on a generation length of 26.5

years, it is estimated that there has been approximately a two-thirds reduction in the global pre-whaling stock size over the past three generations. However, the global population appears to be slowly recovering, with reports indicating an increase in population size over the last 20 years (Whitehead 2002). Large male Sperm Whales have suffered greatest from whaling activities. For example, estimates of the Southern Hemisphere 'Division 5' Sperm Whale population (90–130° E, i.e. including animals caught off Albany, Western Australia) was estimated, in 1980, to have declined by 91% for males over 20 years of age compared to the decline of 26% for females over 13 years between 1947 (taken as the start of major 20th century sperm whaling) and 1979 (cessation of commercial whaling) (Bannister et al. 1996; Kirkwood & Bannister 1980; Kirkwood et al. 1980). The complex social structure of Sperm Whales precludes accurate assessment of the scale of population fluctuations. It is likely that female and immature Sperm Whales are resident in tropical and subtropical waters year-round, although they may move large distances, as indicated by re-sightings of identified individuals between the Gulf of California and the Galapagos Islands (Jaquet et al. 2003). In contrast, mature male Sperm Whales undergo large-scale migration between the tropics and the Antarctic, implying that, at least for this portion of the population, extreme fluctuations in population numbers, extent of occurrence and area of occupancy do occur. Key localities for Sperm Whales in Australia include the area between Cape Leeuwin and Esperance, Western Australia, close to the edge of the continental shelf (averaging 20–30 nm offshore); the region south-west of Kangaroo Island, South Australia; deep waters off the Tasmanian west and south coasts; areas off southern NSW, including Wollongong; and the deep water off Stradbroke Island, Queensland (Bannister et al. 1996).

2b Summarise information on distribution (if known):
 increasing decreasing stable not known unclear
 Please provide details:
 Sperm Whales have been recorded from all Australian states (Bannister et al. 1996). Females and young male Sperm Whales are restricted to warmer waters, generally north of approximately 45° S, while older males travel to and from colder waters and to the edge of the Antarctic pack-ice. Sperm Whales have concentrated in a narrow area only a few miles wide at shelf edge off Albany, Western Australia, moving westwards through the year (Bannister et al. 1996). Off the Western Australian coast, where the continental shelf slopes less steeply, Sperm Whales appear to be less concentrated close to shelf edge and more widely dispersed offshore (Bannister et al. 1996). Similar concentrations of Sperm Whales have been found elsewhere in Australia, such as south-west of Kangaroo Island, South Australia. The current extent of occurrence for Sperm Whales is estimated to be greater than 20 000 km² (based on the Australian Economic Exclusion Zone (EEZ) (200 nm, including subantarctic waters and Antarctica down to below 60° S) (Peddemors & Harcourt 2006, pers. comm.). Increasing ocean temperatures predicted by climate change scenarios could potentially increase the extent of occurrence, with warmer water extending southwards. This is expected to primarily affect the distribution of nursery groups of Sperm Whales, as these groups are restricted to warmer waters. The area of occupancy of Sperm Whales cannot be calculated due to the paucity of records for pelagic waters off Australia and the Australian subantarctic and Antarctic territories. However, it is likely to be greater than 2000 km² (Peddemors & Harcourt 2006, pers. comm.). Future expansion of high-seas pelagic fisheries may result in increased interactions with Sperm Whales, including incidental catches and injury, potentially depleting local waters and leading to a decrease in area of occupancy. Sperm Whales are currently considered to occur in one location throughout the Southern Hemisphere. However, using genetic techniques, Lyrholm and colleagues (1999) indicate that inter-oceanic movements have been more prevalent among male Sperm Whales than females. This is consistent with observations that female Sperm Whales have smaller geographic ranges (Dufault & Whitehead 1995). It is possible that Sperm Whales, in Australian waters, occur in severely fragmented populations. Recent data suggest that vocal clan is a more important factor in genetic structure than geography in the eastern South Pacific (Rendell et al. 2005, 2006). The complex social structure of Sperm Whales may increase the potential for loss of particular subpopulations and their associated genetic diversity and social culture.

Appendix II cetacean species

Appendix II cetaceans	Confirmed Range State/Territory	Possible Range State/Territory	Extinct at National level	No information available	Published distribution reference
<i>Balaenoptera bonaerensis</i> , Antarctic Minke whale	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bannister et al. 1996
<i>Balaenoptera edeni</i> , Bryde's whale	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bannister et al. 1996
<i>Balaenoptera omurai</i> , Omura's Whale	<input type="checkbox"/>	■▲	<input type="checkbox"/>	<input type="checkbox"/>	Yamada 2008
<i>Caperea marginata</i> , Pygmy Right whale	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kemper 2002a

<i>Lagenodelphis hosei</i> , Fraser's Dolphin (Southeast Asian populations)	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bannister et al. 1996
<i>Lagenorhynchus obscurus</i> , Dusky Dolphin	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DEW 2007
<i>Orcaella heinsohni</i> , Australian Snubfin Dolphin	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Beasley et al. 2002
<i>Orcinus orca</i> , Killer whale or Orca	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ling 1991
<i>Phocoena dioptrica</i> , Spectacled Porpoise	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Evans et al. 2001
<i>Sousa chinensis</i> , Indo-Pacific Humpbacked Dolphin or Chinese White Dolphin	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ross 2002
<i>Stenella attenuata</i> , Pantropical Spotted Dolphin (eastern tropical Pacific and Southeast Asian populations)	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bannister et al. 1996
<i>Stenella longirostris</i> , Spinner Dolphin (eastern tropical Pacific and Southeast Asian populations)	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bannister et al. 1996
<i>Tursiops aduncus</i> , Indian or Bottlenose Dolphin (Arafura/Timor Sea populations)	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hale et al. 2000
<i>Lagenorhynchus obscurus</i> , Dusky dolphin	■▲	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bannister et al. 1996

All cetacean species recorded in national waters

Forty seven species of cetacean have been recorded in Australian waters. The full species list is below and detailed information (including references) on each species is available via the Australian Government Species Profile and Threat database (SPRAT) at: <http://www.environment.gov.au/cgi-bin/sprat/public/sprat.pl>

Scientific name

Balaenoptera acutorostrata
Balaenoptera acutorostrata unnamed subsp.
Balaenoptera bonaerensis
Balaenoptera borealis
Balaenoptera edeni
Balaenoptera musculus
Balaenoptera physalus
Berardius arnuxii
Caperea marginata
Delphinus delphis
Eubalaena australis
Feresa attenuata
Globicephala macrorhynchus
Globicephala melas
Grampus griseus
Hyperoodon planifrons
Indopacetus pacificus
Kogia breviceps
Kogia simus
Lagenodelphis hosei
Lagenorhynchus cruciger
Lagenorhynchus obscurus
Lissodelphis peronii
Megaptera novaeangliae
Mesoplodon bowdoini
Mesoplodon densirostris
Mesoplodon ginkgodens
Mesoplodon grayi
Mesoplodon hectori

Common name

Minke Whale
Dwarf Minke Whale
Antarctic Minke Whale, Dark-shoulder Minke Whale
Sei Whale
Bryde's Whale
Blue Whale
Fin Whale
Arnoux's Beaked Whale
Pygmy Right Whale
Common Dolphin, Short-beaked Common Dolphin
Southern Right Whale
Pygmy Killer Whale
Short-finned Pilot Whale
Long-finned Pilot Whale
Risso's Dolphin, Grampus
Southern Bottlenose Whale
Longman's Beaked Whale
Pygmy Sperm Whale
Dwarf Sperm Whale
Fraser's Dolphin, Sarawak Dolphin
Hourglass Dolphin
Dusky Dolphin
Southern Right Whale Dolphin
Humpback Whale
Andrew's Beaked Whale
Blainville's Beaked Whale, Dense-beaked Whale
Ginkgo-toothed Beaked Whale, Ginkgo-toothed Whale, Gin
Gray's Beaked Whale, Scamperdown Whale
Hector's Beaked Whale

<i>Mesoplodon layardii</i>	Strap-toothed Beaked Whale, Strap-toothed Whale, Layard's Beaked Whale
<i>Mesoplodon mirus</i>	True's Beaked Whale
<i>Orcaella heinsohni</i>	Australian Snubfin Dolphin
<i>Orcinus orca</i>	Killer Whale, Orca
<i>Peponocephala electra</i>	Melon-headed Whale
<i>Phocoena dioptrica</i>	Spectacled Porpoise, Spectacled Dolphin
<i>Physeter macrocephalus</i>	Sperm Whale
<i>Pseudorca crassidens</i>	False Killer Whale
<i>Sousa chinensis</i>	Indo-Pacific Humpback Dolphin
<i>Stenella attenuata</i>	Spotted Dolphin, Pantropical Spotted Dolphin
<i>Stenella coeruleoalba</i>	Striped Dolphin, Euphrosyne Dolphin
<i>Stenella longirostris</i>	Long-snouted Spinner Dolphin
<i>Steno bredanensis</i>	Rough-toothed Dolphin
<i>Tasmacetus shepherdi</i>	Shepherd's Beaked Whale, Tasman Beaked Whale
<i>Tursiops aduncus</i>	Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin
<i>Tursiops truncatus</i> s. str.	Bottlenose Dolphin
<i>Ziphius cavirostris</i>	Cuvier's Beaked Whale, Goose-beaked Whale

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