

## Annex K

### Summary of Information from Progress Reports

This Annex summarises information presented in National Progress Reports. For further information (including the addresses of contact persons/institutes), consult the authors of the Progress Reports whose names and addresses are given in Appendix 1.

#### NATURAL MARKING DATA.

Species	Feature	Area/stock	Calendar year/season/no. photographed	Catalogued (Y/N)	Catalogue total	Contact person/institute
<b>Australia</b>						
Southern right whale	Callosity	Southern Australia	~ 100	to be comp.	>350	S. Burnell, Eubalaena PL
Humpback whale	Fluke	Area IV	70	to be comp.	?	J. Bannister, WA Museum
	Fluke	Area V	212	to be comp.	648 <sup>1</sup>	C. and M. Jenner, Centre for Whale Research
	Lateral body	Area V	321	Y	1600	PWF
	Fluke, lat. body	Area V	47	Y		PWF
Indo-Pacific hump-backed dolphin	Dorsal fin	Group IV, Perth coast	79	to be comp.	?	D. Paton, NSW NPWS
		Moreton Bay, QLD	1997	-	-	J. Bannister, WA Museum
Bottlenose dolphin	Dorsal fin	Moreton Bay, QLD	~25	N	50	P. Corkeron, JCU
Bottlenose dolphin	Dorsal fin	Moreton Bay, QLD	Many	Y	>350	P. Corkeron, JCU
	Signature whistle	Port Phillip Bay	1997	-	-	C. Scarpaci, RMIT
Killer whale	Dorsal fin	Macquarie Is., TAS	2	N	10	M. Morrice, Univ. of Tasmania
<b>Brazil</b>						
Bottlenose dolphin	Dorsal fin	Patos Lagoon	-	-	-	E. Secchi, MORG
	Dorsal fin	Southern coast	15	Y	26	P. Flores, IWC, Brazil
	Dorsal fin	Southern coast	12	Y	12	I. Moreno, GEMARS
	Dorsal fin	Southern coast	-	-	-	P. Simão-Lopes, UFSC
Humpback whale	Fluke	S. Shetland Is.	Summer	-	45-50	E. Secchi, MORG
	Fluke	Group A	125	Y	475	A. Freitas, M. Engel, IBAMA
	Fluke	Group A	5	Y	5	M.S. Reis, MAMA
Tucuxí	Dorsal fin	S. Catarina	37	Y	40	P. Flores, IWC, Brazil
	Dorsal fin	S. Catarina	-	-	-	P. Simão-Lopes, UFSC
	Dorsal fin	Cananéia	-	-	-	M.C. Oliveira Santos, USP
	Dorsal fin	Bahia	-	Y	15	M.S. Reis, MAMA
Southern right whale	Head	Southern coast	8	Y	68	J. Palazzo, IWC, Brazil
<b>France</b>						
Humpback whale	Flukes	N. Caledonia	1997: 35 new	Y	140	C. Garrigue, OCNC
	Flukes	Madagascar	1997: 63	Y	66	M. Vely, TOMS
<b>Ireland</b>						
Bottlenose dolphin		Shannon Estuary	1997		>100	UCC, IWDG, NP and WS
<b>Japan</b>						
Bryde's whale	Dorsal fin	Kochi	32	Y	-	WATB cooperative programme
<b>Mexico</b>						
Blue whale	Dorsal fin	Baja California waters/North Pacific	?	Y	<250	D. Gendron, CICIMAR
Sperm whale	Fluke	Baja California waters	?	Y	30	D. Gendron, CICIMAR
Gray whale	Mid-dorsal right side	Eastern San Ignacio lagoon	526	In process	526	J. Urban R., UABCS
Humpback whale	Fluke	North Pacific	?	Ongoing		L. Medrano, FC-UNAM
Bottlenose dolphin	Dorsal fin	Gulf of California	50	In process	<120	H. Pérez-Cortés, INPA
<b>New Zealand</b>						
Hector's dolphin	Fin and body scars	East coast South Is.	1984-1997	Y	467	Otago University
	Fin and body scars	West coast, South Is.	1994-1997	Y	238	Otago University
Bottlenose dolphin	Fin and body scars	Doubtful Sound	1990-1998	Y	97	Otago University
Sperm whale	Fluke	Kaikoura	1990-1998	Y	136	Otago University
Dusky dolphin	Dorsal fin	Kaikoura	1997 (2,000-2,500)	Y	510	T. Markowitz, Texas A&M
<b>Norway</b>						
Killer whale	-	North Norway	1997 autumn	-	-	UITØ - NFH
<b>Sweden</b>						
Bottlenose dolphins	-	Western Australia	1997	-	-	Stockholm University
Bottlenose and hump-backed dolphins	-	Tanzania	1997	-	-	Stockholm University
Sperm whales	-	Norway	1997	-	-	E. Lettevall, Kristineberg Marine Research Station
<b>UK</b>						
Bottlenose dolphins	Skin lesions	Moray Firth, Scotland	1997-8	-	-	AU, SMRU
	-	Cardigan Bay	1997-8	-	-	AU, CCW
<b>USA</b>						
Gray whales	-	Washington coast, Vancouver Island	May-Nov. 1997	123(?)	-	M. Gosho

<sup>1</sup> Figures for 1990-95 – there are still 121 photographs from 1996 and 212 from 1997 to be matched/checked for resightings and added to the catalogue.

## ARTIFICIAL MARKING DATA.

Species	Tag type	No. branded	Location	Brand no.	Contact
<b>Australia</b>					
Bottlenose dolphin	Freeze brand	5 (including 1 rebranded)	Mandurah, WA	Rebrand 17, then 20, 21, 22,23	CALM, WA
Bottlenose dolphin	Freeze brand	5	Moreton Bay, QLD		P Corkeron, JCU
<b>Brazil</b>					
Boto	Freeze brand	27	-	-	V.M.F. da Silva/INPA
Tucuxi	Freeze brand	2	-	-	V.M.F. da Silva/INPA
<b>Japan</b>					
Baird's beaked whales	Artificial	4	-	-	T. Iwasaki, NRIFS
Striped dolphins	Dart-tag	14 + 2	-	-	Iwasaki, Kishiro, Miyashita, NRIFS
Dall's porpoise	Dart-tag	2	-	-	Iwasaki, Kishiro, Miyashita, NRIFS
<b>UK</b>					
Boto	Freeze brand	35	-	-	-
Tucuxi	Freeze brand	1	-	-	-

## TELEMETRY DATA.

Species	Tag type	No. successfully deployed	Maximum time transmitting	Contact person/institute
<b>Australia</b>				
Bottlenose dolphin	radio (archival)	0	Attachment unsuccessful	P. Berggren, Monkey Mia Dolphin Research Group
Bottlenose dolphin	satellite	1	5 months	P. Corkeron, JCU
Bottlenose dolphin	VHF	4	2 months	P. Corkeron, JCU
<b>Brazil</b>				
Boto	VHF-radios	9	13 months	A. Martin, SMRU, UK and V.M.F. da Silva, INPA
<b>Denmark</b>				
Narwhal	Satellite	5	-	R. Ditz, DMU
Pilot whale	Telemetry	-	-	M.-P. Heide-Jørgensen, GN
Harbour porpoise	Satellite	4	14 - 41 days	J. Teilmann, CSC
Harbour porpoise	T/D recorder	2	-	J. Teilmann, CSC
<b>Norway</b>				
White whale	Satellite	3	3 months maximum	C. Lydersen, NP
<b>Sweden</b>				
Harbour porpoise	Satellite	2	10 days	E. Lettevall, Kristineberg Marine Research Station
<b>UK</b>				
White whale	Satellite	-	-	SMRU
Boto	VHF	-	-	SMRU
<b>USA</b>				
Dall's porpoise	VHF + suction cup	3	5 days	B. Hanson

## BIOPSY SAMPLES.

Species	Area/stock	Calendar year/ season/no. collected	Archived (Y/N)	No. analysed	Total holdings	Contact person/institute
<b>Australia</b>						
Indo-Pacific hump-backed dolphin	Northwest WA	In progress	?	?	?	P. Hale, Univ. of Queensland
Bottlenose dolphin	Shark Bay, WA	79	Y	30%	79	M. Krutzen, B Sherwin, Univ. of New South Wales
Bottlenose dolphin	NSW coast	3	?	?	n/a	G Dutton, Univ. of Sydney
<b>Brazil</b>						
Humpback whale	Group A	12	Y	0	12	Projeto Baleia Jubarte
Boto	Mamirauá	27	Y	0	-	INPA
Tucuxi	Central Amazon	2	Y	0	-	INPA
<b>Denmark</b>						
Minke whale	Greenland	-	Y	65	65	GN
Fin whale	Greenland	-	Y	4	4	GN
<b>Japan</b>						
'True' blue whale	Antarctic	5	Y	0	5	NRIFS
Pygmy blue whale	S. Pacific	18	Y	0	18	NRIFS
	Antarctic	1	Y	0	1	NRIFS
Sei whale	Antarctic	3	Y	0	3	NRIFS
Bryde's whale	S. Pacific	9	Y	0	9	NRIFS
Humpback whale	S. Pacific	2	Y	0	2	NRIFS
	Antarctic	10	Y	0	10	NRIFS

cont...

## Biopsy samples (continued).

Species	Area/stock	Calendar year/ season/no. collected	Archived (Y/N)	No. analysed	Total holdings	Contact person/institute
<b>Japan (cont.)</b>						
Southern right whale	Antarctic	5	Y	0	5	NRIFS
Sperm whale	S. Pacific	3	Y	0	3	NRIFS
Pygmy sperm whale	S. Pacific	1	Y	0	1	NRIFS
Dall's porpoise ( <i>dalli</i> -type)	N. Pacific	1	Y	0	1	NRIFS
Short-beaked common dolphin	N. Pacific	3	Y	0	3	NRIFS
	Antarctic	3	Y	0	3	NRIFS
<i>Delphinus</i> sp.	N. Pacific	5	Y	0	5	NRIFS
Striped dolphin	N. Pacific	44	Y	0	44	NRIFS
Spotted dolphin	N. Pacific	4	Y	0	4	NRIFS
Bottlenose dolphin	N. Pacific	13	Y	0	13	NRIFS
	S. Pacific	10	Y	0	10	NRIFS
Southern right whale dolphin	S. Pacific	2	Y	0	2	NRIFS
Killer whale	Antarctic	3	Y	0	3	NRIFS
<b>Mexico</b>						
Gray whale	Eastern	55	Y	0		J. Urbán R., UABCS
Humpback whale	Mexican Pacific <sup>1</sup>	>100	Y (1998 pending)	~200 (none of 1998)	>500	Facultad de Ciencias, UNAM
<b>New Zealand</b>						
Dusky dolphin	Kaikoura	181	Y	65	181	Auckland University
Hector's dolphin	New Zealand	54	Y	nil	54	Auckland University <sup>2</sup>
Humpback whale	Mexican Pacific	>100	Y (up to 1997)	~200 (none of 1998)	>500	Facultad de Ciencias, UNAM
<b>Norway</b>						
White whale	Svalbard	1997/8	N	7	-	C. Lydersen, Norwegian Polar Institute, Tromsø, Norway
<b>USA</b>						
Gray whale	Washington State + Vancouver Is.	May-Nov. 1997	Y	9	-	M. Gosho

<sup>1</sup> The collection effort is ongoing at the time of report so data are only approximate.

<sup>2</sup> The samples were collected in Jan. 1998 and will be extracted for total genomic DNA this year. There will not be sufficient material left for archiving of tissue.

## SAMPLES FROM DIRECTED CATCHES OR BYCATCHES.

Species	Area/stock	Calendar year/season total	Archived (Y/N)	Tissue type(s)	Contact person/institute
<b>Australia</b>					
Bottlenose dolphin	South Australia	1	Y	Stomach	C. Kemper, SA Museum
Common dolphin	South Australia	3	Y	Genetic, toxin, reproductive, stomach	C. Kemper, SA Museum
<b>Brazil</b>					
Minke whale	Eastern N. Atlantic	Whaling season period	Y	Gonads	A. Langguth, A. Lucerna, GEMMAR/UFPPB
Franciscana	Southern RS	29	Y	-	E. Secchi, MORG
	Southern RS	9	Y	Blubber, liver, muscle, kidneys, gonads	I. Moreno, GEMARS
Tucuxi	Southern PR	11	Y	Gonads, parasites, intestines, eyes, skin, skeletons, blubber	F. Rosas, CEM/UFPR
	Southern PR	18	Y	Gonads, parasites, intestines, eyes, skin, skeletons, blubber	F. Rosas, CEM/UFPR
	Bahia	4	Y	Blood, blubber	M.S. Reis, MAMA
	Bahia	6	Y	Tissue for DNA	E.C. Aroucha, GECET
	Amazon	36	Y	Skull, teeth, skin, stomach contents	V.M.F. da Silva, INPA
<i>Stenella</i> sp.	Bahia	1	Y	Tissue for DNA	E.C. Aroucha, GECET
<b>Denmark</b>					
Minke whale	Greenland	3	Y	3 incomplete stomach samples	GN
Long-finned pilot whale	Skagerrak (North Sea)	20	Y	7 full autopsy	ZM, FSM
Harbour porpoise	Danish waters	>47	Y	Full autopsy	DFU
<b>Germany</b>					
Harbour porpoise	Baltic Sea Schleswig-Holstein	3	Y	All organs, central nervous system, skeletal system	U. Siebert
Harbour porpoise	Baltic Sea Meckl.-Prepom.	1	Y	Skull	H. Benke
<b>Ireland</b>					
Common dolphin	NE Atlantic	1	Y	Skin, blubber etc	UCC

cont...

Samples from directed catches or bycatches (continued).

Species	Area/stock	Calendar year/season total	Archived (Y/N)	Tissue type(s)	Contact person/institute
<b>Japan</b>					
Striped dolphin	N. Pacific	494	Y	Tooth, skin, muscle, ovary, uterine horn, testis, epididymis	NRIFS
Spotted dolphin	N. Pacific	4	Y	As above	NRIFS
Bottlenose dolphin	N. Pacific	306	Y	As above	NRIFS
Risso's dolphin	N. Pacific	107	Y	As above plus liver	NRIFS
Short-finned pilot whale (northern form)	N. Pacific	50	Y	As above plus liver, vertebral epiphysis	NRIFS
Short-finned pilot whale (southern form)	N. Pacific	252	Y	As above	NFRIS
False killer whale	N. Pacific	25	Y	Tooth, skin, muscle, ovary, uterine horn, testis, epididymis	NRIFS
Baird's beaked whale	N. Pacific	54	Y	As above plus liver, vertebral epididymis	NRIFS
Minke whale	N. Pacific	2	Y	Ovary, uterine horn, testis, epididymis	NRIFS
<b>New Zealand</b>					
Hector's dolphin	New Zealand coastal	25 <sup>1</sup>	Y	Skin, blubber, organs	F. Pichler, Univ. of Auckland
<b>Norway</b>					
Minke whale	NE Atlantic	1997 - 502	Y	Muscle	T. Haug, NIFA, Tromsø, Norway
Minke whale	NE Atlantic	1997 - 60	Y	Kidney, liver, skin, blubber, testicles/ovaries	T. Haug, NIFA, Tromsø, Norway
Minke whale	NE Atlantic	1997 - 60	-	Stomach contents	T. Haug, NIFA, Tromsø, Norway
<b>Sweden</b>					
Harbour porpoise	Skagerrak/Kattegat Seas Baltic Sea	1997 - 7	Y	Skin, blubber, muscle, brain, kidney, liver, stomach, testicles/ovaries, skeleton	SU or NRM
<b>UK</b>					
Harbour porpoise	Around UK	21	Y	Skin, blubber, etc	SMRU

<sup>1</sup>(New Zealand): Mostly genetic material from historical collections.

## SAMPLES FROM STRANDED ANIMALS.

Species	Area/Stock	Calendar year/season total	Archived (Y/N)	Tissue type(s)	Contact person/institute
<b>Australia</b>					
Pygmy right whale	VIC	1	?	Blubber	G. Dutton, Sydney University
Minke whale	QLD	1	Y	*	G. Byron, Dept. of Environment, Qld
Bryde's whale	VIC	1	?	Blubber	G. Dutton, Sydney University
Blue whale	VIC	1	?	Blubber	G. Dutton, Sydney University
Humpback whale	Area IV	1	?	Skin	P. Hale, Queensland University
		1	Y	Blubber	D. Mell, WA CALM
	Area V	1	N	Larynx	M. Noad, Sydney University
Sperm whale	SA	2	Y	Genetic	C. Kemper, SA Museum
Pygmy sperm whale	QLD	3	Y	*	G. Byron, Dept. of Environment, Qld
	VIC	1	Y	Teeth, stomach contents	J. Dixon, Museum of Victoria
		1	?	Blubber	G. Dutton, Sydney University
	NSW	1	?	Blubber	G. Dutton, Sydney University
Straptoothed whale	SA	2	Y	Genetic, toxin, reproductive, stomach	C. Kemper, SA Museum
	NSW	1	?	Blubber	G. Dutton, Sydney University
Hector's beaked whale	TAS	1	Y	**	K. Evans, Tasmania University
Cuvier's beaked whale	VIC	1	?	Blubber	G. Dutton, Sydney University
Southern bottlenose whale	VIC	1	?	Blubber	G. Dutton, Sydney University
Indo-Pacific hump-backed dolphin	QLD	1	Y	*	G. Byron, Dept. of Environment, Qld
Bottlenose dolphin	SA	8	Y	Genetic, toxin, reproductive, stomach	C. Kemper, SA Museum
	QLD	4	Y	*	G. Byron, Dept. of Environment, Qld
	WA	4	?	Skin	P. Hale, Queensland University
		3	Y	Blubber	D. Mell, WA CALM
	NSW	1	?	Blubber	G. Dutton, Sydney University
	TAS	6	Y	**	K. Evans, Tasmania University
Pantropical spotted dolphin	WA	1	?	Skin	P. Hale, Queensland University
Pantropical spotted dolphin	NSW	1	?	Blubber	G. Dutton, Sydney University
Common dolphin	SA	10	Y	Genetic, toxin, reproductive, stomach	C. Kemper, SA Museum
	VIC	1	Y	Skull	J. Dixon, Museum of Victoria
	NSW	2	?	Blubber, reproductive/blubber	G. Dutton, Sydney University

cont...

## Samples from stranded animals (continued).

Species	Area/Stock	Calendar year/season total	Archived (Y/N)	Tissue type(s)	Contact person/institute
<b>Australia (cont.)</b>					
Melon-headed whale	QLD	2	Y	*	G. Byron, Dept. of Environment, Qld
Pygmy killer whale	NSW	1	?	Blubber	G. Dutton, Sydney University
False killer whale	NSW	1	?	Blubber	G. Dutton, Sydney University
Killer whale	WA	1	?	Skin	P. Hale, Queensland University
	VIC	1	?	Blubber	G. Dutton, Sydney University
Long finned pilot whale	VIC	2	Y	Teeth/teeth and ribs	J. Dixon, Museum of Victoria
Irrawaddy dolphin	QLD	1	Y	*	G. Byron, Dept. of Environment, Qld
Spectacled porpoise	SA	1	Y	Genetic, toxin, reproductive, stomach	C. Kemper, SA Museum
	TAS	1	Y	**	K. Evans, Tasmania University
<b>Brazil</b>					
Tucuxi	Northeast	1997	Y	Blubber, lung, kidney, spleen, gonads, liver, stomach, intestine, endoparasites	LABOMAR/UFC
	Southeast	11	Y	Skull, muscle, blubber, gonads	M.C. Oliveira Santos, USP
	Southeast	4	Y	Skull, skeleton, teeth, gonads, stomach, tissues for DNA and pollution	A. Zerbini, USP
	Southern	3	Y	Skeleton, gonads	LAMAQ/UFSC
	Southern	4	Y	Skin, blubber, muscle	P. Flores, IWC, Brazil
	Southern	12	Y	Gonads, parasites, intestine, eyes, skin, skeleton, blubber	F. Rosas, CEM/UFPR
	Amazon	1	Y	Skull, teeth, tissue	V.M.F da Silva, INPA
Rough toothed dolphin	Northeast	1997	Y	Blubber, heart, lung, kidney, spleen, liver, gonads, endoparasites	LABOMAR/UFC
	Southern RS	1	Y	Skull, post-cranial, gonads	M.C. Pinedo, FURG
	Southern RS	1	Y	Muscle	I. Moreno, GEMARS
Bottlenose dolphin	Northeast	1997	Y	Gonads	LABOMAR/UFC
	Southeast	5	Y	Skull, muscle	M.C. Oliveira Santos, USP
	Southern	1	Y	Skeleton	LAMAQ/UFSC
	Southern RS	3	Y	Skull, skin, muscle	M.C. Pinedo, FURG
	Southern RS	5	Y	Blubber, liver, gonads, muscle	I. Moreno, GEMARS
Sperm whale	Northeast	1997	Y	Ectoparasites	LABOMAR/UFC
	Northeast	1998:1	Y	Skeleton	GEMMAR/UFPPB
Humpback whale	Northeast	1997	Y	Baleen	LABOMAR/UFC
Franciscana	Southeast	2	Y	Skull, muscle	M.C. Oliveira Santos, USP
	Southeast	1	Y	Teeth, gonads, stomach, tissues for DNA and pollution	A. Zerbini, USP
	Southern	1	Y	Skeleton, gonads	LAMAQ/UFSC
	Southern	2	Y	Gonads, parasites, intestine, eyes, skin, skeleton, blubber	F. Rosas, CEM/UFPR
	Southern RS	40	Y	Teeth	M.C. Pinedo, FURG
	Southern RS	39	Y	Blubber, liver, kidney, gonads, muscle	I. Moreno, GEMARS
Common dolphin	Southeast	2	Y	Skull, muscle	M.C. Oliveira Santos, USP
	Southern	1	Y	Skull, parasites	M.C. Pinedo, FURG
Spotted dolphin	Southeast	2	Y	Skull	M.C. Oliveira Santos, USP
	St. Catarina	3	Y	Skull	LAMAQ/UFSC
	Northeast	1997:1	Y	Skeleton	GEMMAR/UFPPB
Stenella spp.	Southern	2	Y	Muscle	I. Moreno, GEMARS
Spinner dolphin	Northeast	1997:1	Y	Skeleton	GEMMAR/UFPPB
Fraser's dolphin	Southern RS	4	Y	Skull, stomach contents, foetus	M.C.Pinedo, FURG
	Southern RS	11	Y	Blubber, liver, gonads, muscle	I. Moreno, GEMARS
Minke whale	Southeast	1	Y	Skull, muscle	M.C. Oliveira Santos, USP
	Southern	1	Y	Blubber, muscle	I. Moreno, GEMARS
Pygmy sperm whale	Northeast	1998:1	Y	Skeleton, heat, genitals, liver	GEMMAR/UFPPB
Humpback whale	Northeast	1998:1	Y	Skeleton	GEMMAR/UFPPB
Balaenopterid	Southeast	1	Y	Tissue for DNA	A. Zerbini, USP
<b>Denmark</b>					
Sperm whale	N. Atlantic	13	Y	Skin, blubber, muscle, liver	ZM/FSM
Striped dolphin	North Sea	1	Y	Skin, blubber, muscle, liver	ZM
Harbour porpoise	Danish waters	>20	Y	Full autopsy	DFU
<b>France</b>					
Delphinids	Atlantic	1997:107	Y	Teeth	A. Collet, CRMM
Delphinids	Atlantic	1997:25	Y	Various tissues	A. Collet, CRMM

cont...

## Samples from stranded animals (continued).

Species	Area/Stock	Calendar year/season total	Archived (Y/N)	Tissue type(s)	Contact person/institute
<b>France (cont.)</b>					
Common porpoise	Atlantic	1997:4	Y	Various tissues	A. Collet, CRMM
Common porpoise	Atlantic	1997:2	Y	Teeth	A. Collet, CRMM
Fin whale	Atlantic	1997:1	Y	Various tissues	A. Collet, CRMM
Bottlenose dolphin	Mediterranean	1997:3	Y	Skin, liver, kidney etc	D. Viale, LEMUC
Striped dolphin	Mediterranean	1997:3	Y	Skin, liver, kidney etc	D. Viale, LEMUC
Striped dolphin	Mediterranean	1997:18	Y	Skin, liver, kidney etc	H. Augier, GECEM
Fin whale	Mediterranean	1997:1	Y	Skin, muscle, liver etc	D. Viale, LEMUC
<b>Germany</b>					
Harbour porpoise	North Sea - Schleswig-Holstein	46	20	Tissues for histopathology, toxicology, genetics	U. Siebert
	North Sea - Lower Saxony	8	Y	Lung, liver, stomach	M. Stede
	Baltic Sea	3	N	-	U. Siebert
	Baltic Sea	6	5	Skeleton, various tissues	H. Benke
Sperm whale	North Sea	2	Y	Skeleton, various tissues	M. Stede
White-beaked dolphin	North Sea	1	Y	Skeleton	U. Siebert
<b>Ireland</b>					
Harbour porpoise	NE Atlantic	10	Y	Skin blubber, etc	UCC
Common dolphin	NE Atlantic	7	Y	Skin blubber, etc	UCC
Striped dolphin	NE Atlantic	3	Y	Skin blubber, etc	UCC
White-sided dolphin	NE Atlantic	3	Y	Skin blubber, etc	UCC
Pilot whale	NE Atlantic	1	Y	Skin blubber, etc	UCC
Bottlenose dolphin	NE Atlantic	1	Y	Teeth, skin	UCC
Minke whale	NE Atlantic	1	Y	Skin blubber, etc	UCC
<b>Japan</b>					
<i>Mesoplodon</i> sp.	-	2	-	Tissue	-
<b>Mexico</b>					
Gray whale	Eastern	3	Y	Skin, blubber	Jorge Urbán R., UABCS
<b>Netherlands</b>					
Harbour porpoise	North Sea	1997	Y	Liver, blubber	NMN
Sperm whale	North Sea	1997	Y	Liver, blubber	NMN
White-beaked dolphin	North Sea	1997	Y	Liver, blubber	NMN
<b>New Zealand</b>					
Dusky dolphin	-	6	Y	Skin, blubber, blood, gonads, all organs, skeleton	P. Duigan, Massey University
Common dolphin	-	3	Y	Skeleton	A. van Helden, MONZ
Bottlenose dolphin	-	1	Y	Skeleton	A. van Helden, MONZ
Hectors dolphin	-	38 <sup>1</sup>	Y	Skeleton	A. van Helden, MONZ
Pygmy sperm whale	-	6	Y	Skeleton, blubber, skin	A. van Helden, MONZ
Cuvier's beaked whale	-	4	Y	Skeleton, blubber, skin, some organs	A. van Helden, MONZ
Pilot whale	-	23	Y	Blubber, skin, some organs, skeleton	A. van Helden, MONZ
Minke whale	-	2	Y	Blubber, skin, some organs, skeleton	A. van Helden, MONZ
Bryde's whale	-	2	Y	Blubber, skin	A. van Helden, MONZ
Pygmy right whale	-	1	Y	Blubber, skin	A. van Helden, MONZ
Gray's beaked whale	-	15	Y	Blubber, skin	University of Auckland
Straptoothed whale	-	2	Y	Blubber, skin	University of Auckland
Southern bottlenose whale	-	1	Y	Blubber, skin	University of Auckland
Cuvier's beaked whale	-	1	Y	Blubber, skin	University of Auckland
<b>Spain</b>					
Common dolphin	NE Atlantic	1997	Y	Skin, blubber, muscle	S. Lens, IEO
Common dolphin	Mediterranean	1997	Y	Full necropsy	E. Fernández, CREMA
Common dolphin	Canary Islands	1997	Y	Full necropsy	A. Fernández, VULP
Striped dolphin	Mediterranean	1997	Y	Full necropsy	E. Fernández, CREMA and J.M. Farré, CRAM
Bottlenose dolphin	NE Atlantic	1997	Y	Skin, blubber, muscle	S. Lens, IEO and J.M. Farré, CRAM
Risso's dolphin	Mediterranean	1997	Y	Full necropsy	E. Fernández, CREMA and J.M. Farré, CRAM
Striped dolphin	Canary Islands	1997	Y	Full necropsy	A. Fernández, VULP
Spotted dolphin	Canary Islands	1997	Y	Full necropsy	A. Fernández, VULP
Bottlenose dolphin	Canary Islands	1997	Y	Full necropsy	A. Fernández, VULP
Cuvier's beaked whale	Mediterranean Sea	1997	Y	Full necropsy	E. Fernández, CREMA
Long-finned pilot whale	NE Atlantic	1997	Y	Skin, blubber, muscle	S. Lens, IEO
Short-finned pilot whale	Canary Islands	1997	Y	Full necropsy	A. Fernández, VULP
Sperm whale	Canary Islands	1997	Y	Full necropsy	A. Fernández, VULP
<b>Sweden</b>					
Harbour porpoise	Skagerrak/Kattegat Seas	1997:4	Y	Skin, blubber, etc	Stockholm University
Harbour porpoise	Skagerrak/Kattegat Seas	1997:14	Y	Teeth, dorsal fin	Stockholm University or NRM

cont...

Samples from stranded animals (continued).

Species	Area/Stock	Calendar year/season total	Archived (Y/N)	Tissue type (s)	Contact person/institute
<b>Sweden (cont.)</b>					
White beaked dolphin	Skagerrak Sea	1997:2	Y	Skin, blubber, muscle, brain, kidney, liver, stomach, etc	Stockholm University and NRM
Sperm whale	Lofoten	1997	Y	Teeth, blubber	GU
<b>UK</b>					
-	Around UK	61	Y	Skin, blubber, etc	Institute of Zoology
-	Around UK	75	Y	Skin, blubber, etc	Scottish Agricultural College

Australia: A range of tissues were collected: for toxic contaminants: blubber, muscle, kidney and liver; for genetics: skin, liver, muscle, kidney, blood; for reproductive: ovaries, uterus, mammary glands, testes. Skeletal material (skull and/or postcranial) was collected for all specimens lodged with SA Museum.

\* For each specimen: heart, lungs, liver, kidney, blubber, skin, intestine, brain, eyes, skeleton and intestine were collected (+ reproductive organs of some).

\*\* For each specimen: liver, stomach/small intestine/large intestine, reproductive organs, lung, heart, muscle, skin and blubber were collected. Plus teeth, skull, kidney, spleen, internal parasites, mammary glands, colonial algae, skeleton and posterior vertebra of some.

<sup>1</sup> Mostly genetic material extracted from historical collections.

STATISTICS FOR LARGE CETACEANS: DIRECT CATCHES (COMMERCIAL, ABORIGINAL AND SCIENTIFIC PERMITS) FOR THE CALENDAR YEAR 1997 OR SEASON 1997/98.

Species	Type of catch	Area/stock	Males	Females	Total landed	Struck and lost
<b>Denmark</b>						
Fin whale	Aboriginal	West Greenland	5	5	10	2
Minke whale	Aboriginal	West Greenland	42	99	146 <sup>1</sup>	2
Minke whale	Aboriginal	East Greenland	1	10	11	3
<b>Japan</b>						
Minke whale	Special Permit	N. Pacific	87	13	100	-
Minke whale	Special Permit	Antarctic	279	159	438	-
Minke whale	Commercial	NE Atlantic (EB, EC, EN, ES) and C. Atlantic (CM)	-	-	503	-
<b>USA</b>						
Bowhead whale	Aboriginal	Bering-Chukchi-Beaufort Seas	-	-	48	18
White whale	Aboriginal	Beaufort Sea	-	-	43	26-30
		Chukchi Sea	-	-	8	2
		E. Bering Sea	-	-	124-136	19-32
		Bristol Bay	-	-	11	0
		Cook Inlet stock	-	-	35	35

<sup>1</sup>Includes animals of unknown sex.

OTHER NON-NATURAL MORTALITIES FOR THE CALENDAR YEAR 1997 OR THE SEASON 1997/98 (LARGE CETACEANS).

Species	Area/stock	Males	Females	Total	Cause	Methodology
<b>Brazil</b>						
Southern right	Group A	?	?	1 (calf)	Entanglement	Reported by fishermen
<b>France</b>						
Minke whale	Atlantic	?	?	1	Stranding - bycatch indicating marks	-
<b>Japan</b>						
Minke	Aomori	?	?	1	Trap net	Reported by fishermen or fishery cooperative unions
	Toyama	?	?	1	Trap net	As above
	Ishikawa	?	?	4	Trap net	As above
	Mie	?	?	1	Trap net	As above
	Wakayama	?	?	6	Trap net	As above
	Kochi	?	?	11	Trap net	As above
	Nagasaki	?	?	3	Trap net	As above
Fin whale	Aomori	?	?	1	Trap net	As above
Humpback	Wakayama	?	?	1	Trap net	As above
<b>Korea</b>						
Minke whale	Kyeong-Nam	?	?	2	Entanglement	-
		?	?	1	Entanglement	-
	Pusan	?	?	1	Entanglement	-
	Kyeong-Buk	?	?	49	Entanglement	-
	Kang-Won	?	?	25	Entanglement	-
<b>New Zealand</b>						
Bryde's whale	Hauraki Gulf	1	0	1	Entangled in mussel farm ropes	Examination of beach-cast animal
<b>UK</b>						
Minke whale	Lewis (Western Isles)	?	?	1	Entanglement	-

## REPORT OF THE SCIENTIFIC COMMITTEE, ANNEX K

## LARGE CETACEANS: EARLIER YEARS' STATISTICS.

Year	Species	Area/stock	Incidental mortality		Source
			Reported	Est. total	
1996	<b>Korea</b>				
	Minke whale	Kyeong-Nam	2	-	Coastal trap
			1	-	Set trap
		Kyeong-Buk	44	-	Coastal trap
			5	-	Offshore trap
			16	-	Set-net
			33	-	Coastal drift gillnet
			5	-	Offshore drift gillnet
			3	-	Coastal gillnet
			1	-	Offshore trawl
		Kang-Won	14	-	Set-net
			2	-	Coastal drift gillnet
			2	-	Coastal gillnet

## STATISTICS FOR SMALL CETACEANS FOR THE CALENDAR YEAR 1997.

Species	Area/stock	Directed Catch		Incidental Mortality		Live-capture	
		Reported	Est. Total	Reported	Est. Total	Source	Reported
<b>Australia</b>							
Indo-Pacific hump-backed dolphin	QLD	0	0	2	?	Gillnet	0
Bottlenose dolphin	SA	0	0	4	?	Shark meshing	0
	QLD	0	0	1	?	?	0
		0	0	5	?	Gillnet	0
	WA	0	0	5	?	Shark meshing	0
	NSW	0	0	2	?	Hook ingested	0
Spinner dolphin	QLD	0	0	1	?	Shark meshing	0
		0	0	1	?	Gillnet	0
		0	0	2	?	Shark meshing	0
Common dolphin	SA	0	0	3	?	?	0
	QLD	0	0	4	?	Shark meshing	0
Unidentified Delphinid sp.	SE Australia	0	0	1	?	Shark meshing	0
<b>Brazil</b>							
Tucuxi	Northeast	0	0	7	-	Gillnet	0
	Southern, SC	0	0	6	20-25	Gillnet	0
	Southern, PR	0	0	16	-	Gillnet	0
	Southeast, BA	1	-	3	-	Gillnet	0
	Amazon	0	0	36	-	-	0
Rough-toothed dolphin	Northeast	0	0	2	-	Trawl net	0
Spotted dolphin	Southeast, SP	0	0	1	-	Drift net	0
Franciscana	Southern, RS, PR	0	0	47	-	Gillnet	0
<b>France</b>							
Common dolphin	Atlantic	-	-	182	-	Strandings - bycatch marks	-
Striped dolphin	Atlantic	-	-	11	-	As above	-
Bottlenose dolphin	Atlantic	-	-	4	-	As above	-
Long-finned pilot whale	Atlantic	-	-	3	-	As above	-
Delphinids spp	Atlantic	-	-	72	-	As above	-
Harbour porpoise	Atlantic	-	-	8	-	As above	-
<b>Germany</b>							
Harbour porpoise	Baltic Sea	0	0	4	?	Gillnet	0
<b>Ireland</b>							
Harbour porpoise	-	0	0	2	-	-	-
Common dolphin	-	0	0	3	-	-	-
Common dolphin	-	0	0	1	-	Pelagic trawl	-
<b>Japan</b>							
Dall's porpoise - <i>dalli</i> -type	Hokkaido	999	-	0	-	Hand harpoon	0
	Iwate	7,433	-	0	-	Hand harpoon	0
	Aomori	2	-	0	-	Hand harpoon	0
	Miyagi	99	-	0	-	Hand harpoon	0
	-	0	-	1	-	Salmon driftnet	0
Dall's porpoise - <i>truei</i> -type	Hokkaido	31	-	0	-	Hand harpoon	0
	Iwate	9,976	-	0	-	Hand harpoon	0
Finless porpoise	Aichi	0	-	1	-	Trap net	0
Striped dolphin	Wakayama	57	-	0	-	Hand harpoon	0
	Wakayama	545	-	0	-	Driving	0
Spotted dolphin	Wakayama	23	-	0	-	Hand harpoon	0
Bottlenose dolphin	Wakayama	57	-	0	-	Hand harpoon	0
	Okinawa	8	-	0	-	Hand harpoon	0
	Wakayama	234	-	0	-	Driving	53

cont...

Statistics for small cetaceans for the calendar year 1997 (continued).

Species	Area/stock	Directed Catch		Incidental Mortality		Live-capture		
		Reported	Est. Total	Reported	Est. Total	Source	Reported	
<b>Japan (cont.)</b>								
Risso's dolphin	Wakayama	20	-	0	-	Small-type whaling	0	
	Wakayama	148	-	0	-	Hand harpoon	0	
	Wakayama	60	-	0	-	Driving	0	
	Kochi	0	-	14	-	Trap net	0	
Short-finned pilot whale – Northern form	Miyagi	50	-	0	-	Small-type whaling	0	
Short-finned pilot whale – Southern form	Chiba	5	-	0	-	Small-type whaling	0	
	Wakayama	22	-	0	-	As above	0	
	Okinawa	66	-	0	-	Hand harpoon	0	
	Wakayama	204	-	0	-	Driving	0	
Killer whale	Okinawa	1	-	0	-	Hand harpoon	0	
	Wakayama	0	-	0	-	Driving	5	
False killer whale	Okinawa	3	-	0	-	Hand harpoon	0	
	Wakayama	25	-	0	-	Driving	15	
Baird's beaked whale	Hokkaido	1	-	0	-	Small-type whaling	0	
	Miyagi	26	-	0	-	As above	0	
	Chiba	27	-	0	-	As above	0	
Unidentified cetacean	Hokkaido	0	-	1	-	Trap net	0	
	Hokkaido	0	-	2	-	Large mesh driftnet <sup>2</sup>	0	
<b>Korea</b>								
Baird's beaked whale	Kyeong-Buk	-	-	1	-	Gillnet	-	
Risso's dolphin	Kyeong-Nam	-	-	1	-	Set-net	-	
	Kang-Won	-	-	1	-	Gillnet	-	
Short-finned pilot whale	Kyeong-Buk	-	-	2	-	Drift gillnet	-	
Pacific white-sided dolphin	Kyeong-Buk	-	-	1	-	Coastal trap	-	
	Kyeong-Buk	-	-	1	-	Coastal gillnet	-	
Common dolphin	Kyeong-Buk	-	-	48	-	Set-net	-	
		-	-	9	-	Coastal trap	-	
		-	-	8	-	Coastal drift gillnet	-	
		-	-	3	-	Offshore drift gillnet	-	
		-	-	1	-	Coastal gillnet	-	
		-	-	1	-	Drift gillnet	-	
		-	-	1	-	Coastal longline	-	
<b>Mexico</b>								
Vaquita	Gulf of California	0	0	1	?	-	0	
Bottlenose dolphin	Gulf of California	0	0	0	0	-	10	
<b>Netherlands</b>								
White-sided dolphin	SW Ireland	-	-	43	-	Mid-water trawl	-	
Long-finned pilot whale	SW Ireland	-	-	1	-	Mid-water trawl	-	
Harbour porpoise	SW Ireland	-	-	4	-	Mid-water trawl	-	
<b>New Zealand</b>								
Hector's dolphin	East coast – South Island	0	0	2	?	Gillnet/inshore trawl	0	
Common dolphin	NZ coastal	0	0	4	?	Inshore trawl	0	
Pilot whale	NZ coastal	0	0	1	?	Mid-water trawl	0	
Dolphin sp.	NZ coastal	0	0	1	?	Mid-water trawl	0	
Dusky dolphin	NZ coastal	0	0	1	?	Mid-water trawl	0	
<b>Spain</b>								
Common dolphin	NW Spanish coast	-	-	3	-	Pair trawl	-	
Bottlenose dolphin	East Central Atlantic	-	-	1	-	Trawl	-	
Unidentified dolphin	Bay of Biscay	-	-	3	-	Pair trawl	-	
<b>Sweden</b>								
Harbour porpoise	Skagerrak Sea	-	-	2	-	Mackerel driftnets	-	
		-	-	5	-	Bottom set gillnet	-	
	Baltic Sea	-	-	1	-	Bottom set gillnet	-	
<b>UK</b>								
Harbour porpoise	-	-	-	25	-	Bottom set gillnets	-	
		-	-	16	-	<sup>3</sup>	-	
Common dolphin	-	-	-	6	-	-	-	
White-sided dolphin	-	-	-	2	-	-	-	
Bottlenose dolphin	-	-	-	1	-	-	-	

<sup>1</sup> Taken by research vessel outside the Japanese FZ.<sup>2</sup> Taken by commercial fishing vessels within the Japanese FZ.<sup>3</sup> Bycatch related mortality determined from strandings post-mortems.

## SMALL CETACEANS: EARLIER YEARS' STATISTICS

Species	Year	Area/stock	Landed	Struck and lost
<b>USA</b>				
White whale <sup>1</sup>	1994	Beaufort Sea	62	1+ <sup>2</sup>
		Chukchi Sea	63	3+
		E. Bering Sea	110-116	9
		Kuskokwim Delta	6	1+
		Bristol Bay	16	2
	1995	Cook Inlet	19	2
		Beaufort Sea	44	-
		Chukchi Sea	37	6
		E. Bering Sea	48-50	6
		Kuskokwim Delta	2	-
	1996	Bristol Bay	6	4
		Cook Inlet	50	22
		Beaufort Sea	22	18
		Chukchi Sea	118	7
		E. Bering Sea	96-103	16
		Kuskokwim Delta	2	0
		Bristol Bay	17-18	1
	Cook Inlet	49	49-98	

<sup>1</sup> Subsistence harvest estimates by calendar year.

<sup>2</sup>+ indicates lower bound.

### Appendix 1

#### CONTACTS FOR FURTHER INFORMATION

##### Australia:

R. Pirzl and C. Coddington  
Wildlife Management  
Environment Australia  
GPO Box 636  
Canberra  
ACT, 2601

##### Brazil:

M.C. Pinedo  
Fundação Universidade do Rio Grande (FURG)  
CP474  
CEP 96201-900 Rio Grande  
RS

V.M.F. da Silva  
Instituto Nacional de Pesquisas da Amazônia (INPA)  
CP 478  
CEP 69011-970 Manaus  
AM

##### Denmark:

P.U. Jepsen  
Nature and Wildlife Section  
Ministry of Environment and Energy  
National Forest and Nature Agency  
Haraldsgade 53  
DK-2100  
Copenhagen

##### France:

D. Robineau  
Muséum National d'Histoire Naturelle  
Laboratoire d'Anatomie Comparée,  
55 rue Buffon  
F 75005  
Paris

##### Germany:

K.H. Kock  
Institut für Fischerei  
Palmalee 9  
D-22769  
Hamburg

U. Siebert  
Forschungs- und Technologiezentrum Westküste  
Werftstrasse 6  
D-25761  
Büsum

H. Benke  
Deutsches Museum für Meereskunde und Fischerei  
Katherinenberg 14-20  
D-18439  
Stralsund

##### Ireland:

E. Rogan  
Department of Zoology and Animal Ecology  
University College  
Cork

##### Japan:

H. Kato and T. Iwasaki  
National Research Institute of Far Seas Fisheries  
5-7-1 Orido  
Shimizu  
Shizuoka 424

**Korea:**

Z.G. Kim  
National Fisheries Research and Development Institute  
408-1 Sirang-Ri  
Kijang-Up  
Kijang County  
Pusan City 619-900

**Mexico:**

H. Pérez-Cortés Moreno  
Instituto Nacional de la Pesca  
CRIP La Paz  
Km 1 Carretera a Pichilingue  
La Paz  
B.C.S  
23020

**Netherlands:**

P. Reijnders  
Institute for Forestry & Nature Research  
Dept. Aquatic Ecology  
P.O. Box 167  
1790 AD Den Burg

**New Zealand:**

M.F. Donoghue  
Department of Conservation  
Te Papa Atawhai  
P.O. Box 10-420  
Wellington  
New Zealand

**Norway:**

S. Grønvik  
C/o University of Tromsø  
N-9037 Tromsø

**Spain:**

S. Lens  
Instituto Español de Oceanografía  
Centro Oceanográfico de Vigo  
Apdo. 1552 36280 Vigo

**Sweden:**

B. Fernholm  
Swedish Museum of Natural History (NRM)  
S-104 05 Stockholm

P. Berggren  
Department of Zoology  
Stokholm University  
S-106 91 Stockholm

**UK:**

P. S. Hammond and M. J. Walton  
NERC Sea Mammal Research Unit  
Gatty Marine Laboratory  
School of Environmental and Marine Biology  
University of St Andrews  
St Andrews  
Fife KY16 8LB

**USA:**

J. Quintal  
Northeast Fisheries Science Center  
Woods Hole  
MA  
02543