

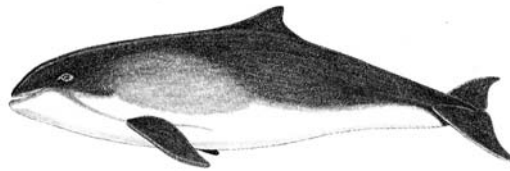


Marine Environmental Monitoring

www.strandings.com

Marine Mammal Strandings (Welsh Coast) Annual Report 2000

R.S.Penrose. February 2001



**Marine
Environmental
Monitoring**



Marine Environmental Monitoring
Penwalk
Llechryd
Cardigan
Ceredigion
West Wales
SA43 2PS
e-mail: rodpenrose@cix.co.uk

REPORT DISTRIBUTION

Welsh Office.	Dr H. Prosser
Natural History Museum.	Dr R. Bamber A. Muir R. Sabin
Institute of Zoology.	P. Jepson
Countryside Council for Wales.	Dr A. McMath R. Pratt
Environment Agency.	R. Miln
University of Liverpool.	Dr J.R. Baker
Centre for Environment, Fisheries & Aquaculture Science.	R. J. Law
University College Cork.	Dr E. Rogan

CONTENTS

	Page
1 INTRODUCTION	5
2 MATERIALS AND METHODS	5
2.1 Live animals.	6
2.2 Dead animals.	6
3 RESULTS	7
3.1 Marine mammals.	7
3.2 Unusual Occurrences.	8
3.3 Live Strandings.	10
3.4 Bottlenose dolphin Attacks.	11
3.5 Brucellosis.	12
4 OTHER MARINE ANIMALS REPORTED TO THE NETWORK	12
4.1 Turtles.	12
5 SAMPLES	12
6 FUNDING	13
7 EQUIPMENT	13
8 TRAINING	14
9 PUBLICITY	14
10 TRAVEL	14
11 ADMINISTRATION	14
12 ACKNOWLEDGEMENTS	15
13 APPENDICES	15

List of Plates.

Plate 1.	Harbour porpoise SW2000/40 showing “clean” blubber edge over rock.	8
Plate 2.	Long-finned pilot whale SW2000/48 , showing tooth sockets in the upper palate.	9
Plate 3.	Harbour porpoise calf SW2000/131 showing damage to rear of head.	9
Plate 4.	Bottlenose dolphin SW2000/136 being recovered at St Dogmaels on the River Teifi.	9
Plate 5.	6.7 metre fin whale SW2000/150 stranded on rocks at Slade on the Gower peninsula.	10
Plate 6.	Tail fluke showing rake marks. The spacing of the marks match that of bottlenose dolphin teeth spacing.	11
Plate 7.	Harbour porpoise showing cavity in the blubber caused by being rammed by bottlenose dolphin.	11
Plate 8.	All three porpoises including a pregnant female were killed by bottlenose dolphin.	11
Plate 9.	Recovery, searching and sample taking of carcasses using the quad-bike has enabled animals to be included that would previously not have been found.	13
Plate 10.	The quad-bike is transported in the trailer, ramps allow sufficient clearance for the stranding to fit underneath.	13
Plate 11.	An indication of cause of death can be given via this imaging system as with this grey seal at Harlech with monofilament netting around its neck.	14

List of Tables.

Table 1.	2000 Total number of reported marine mammal strandings (Welsh Coast).	7
Table 2.	2000 Number of live cetacean strandings (Welsh Coast).	7
Table 3.	2000 Number of animals suitable for <i>post-mortem</i> examination.	7
Table 4.	2000 Number of animals decomposed / disposed of. (Welsh Coast).	8

1. INTRODUCTION

In 1990, the Collaborative UK Marine Mammal Strandings Project was initiated and part-funded by the UK Department of the Environment (now DETR). The project involves detailed pathological and other investigations of stranded marine mammal carcasses (mostly cetacean) from UK waters. It forms part of the Department's international obligations towards conservation agreements including the Agreement on the conservation of Small Cetaceans of the Baltic and North Seas (ASCOBANS). The research is being co-ordinated in England and Wales by the Institute of Zoology (IOZ) in close collaboration with a number of organisations including the Natural History Museum (NHM), the Centre for Environmental Fisheries and Aquaculture Science (CEFAS), the University College Cork and the Department of Agriculture for Northern Ireland. *Post-mortem* examinations of Welsh strandings are carried out by the Department of Veterinary Pathology, University of Liverpool and the Institute of Zoology, London. In addition to pathological and related investigations, a range of frozen and fixed material, collected *post-mortem*, are currently archived at the Institute of Zoology.

Records of live and dead marine mammal strandings are kept by the Welsh Strandings Co-ordinator. Cetacean records are passed to Alex Muir or Richard Sabin for correlation at the NHM. Since 1913 records have been, and continue to be kept, by the NHM, in co-operation with the Receiver of Wrecks and HM Coastguard.

Funding towards this project in Wales has been provided by the Welsh Assembly through the Natural History Museum, London, the Countryside Council for Wales (CCW), Department of the Environment through the Institute of Zoology, London and the European Regional Development Fund (ERDF). Support of certain items of equipment has been provided by the Environment Agency.

2. MATERIALS AND METHODS

A 24 hour Strandings Answerphone (**01348 875000**), is interrogated at regular intervals. A message requests callers to leave details of the stranding and location, along with their name and contact phone number, so they can be reached if confirmation of details are required. (If the stranding is a live stranding then a message on the Answerphone informs the caller to contact the RSPCA immediately. see 2.1)

A network of volunteers, rangers, wardens, coastal officers, harbour masters etc. has been formed who can be contacted by the Strandings Co-ordinator to confirm the stranding, assess its condition and secure the animal from the effects of the tide, predation etc. until it can be dealt with.

The following criteria are applied: -

2.1 Live Animals

(Condition code 1)¹

In 1994 the Marine Animal Rescue Coalition (MARC) was formed. This consists of all the major animal welfare and conservation bodies involved with marine mammals in the UK. It has been agreed that in the case of a live stranding the first point of call would be the RSPCA as they support a manned 24-hour emergency phone. The RSPCA would then contact the relevant organisations, Marine Environmental Monitoring etc.

2.2 Dead Animals

(Condition code 2a extremely fresh as if just died)¹

(Condition code 2b slight decomposition)¹

The animal is retrieved using a 4-wheel drive vehicle and trailer. Health and safety precautions are followed with the animal being handled only with gloved hands. It is placed in a body-bag then taken immediately for *post-mortem* examination.

(Condition code 3 moderate decomposition)¹

The animal is retrieved using a 4-wheel drive vehicle and trailer. Health and safety precautions are followed with the animal being handled only with gloved hands. It is placed in a body-bag then taken to a storage facility where it is bagged, labelled and stored for later transportation or transported immediately. (see 2.3).

(Condition code 4 advanced decomposition)¹

(Condition code 5 mummified carcass)¹

Species identified, basic measurements and 6 teeth taken from the lower jaw if possible. Health and safety precautions being observed. Local council then contacted for safe disposal of remains.

All live and dead stranded cetaceans are reported to the NHM and are allocated a “SW” number. All dead seals are reported to the IOZ) and are allocated a SS number. Records of all strandings in Wales are kept by the Strandings Co-ordinator and passed on to the NHM and ZSL on a regular basis.

Copies of *post-mortem* examination reports are sent from the Strandings Co-ordinator to the finder and others associated with the relevant stranding.

¹ Body condition based on the Institute of Zoology condition code.

3. RESULTS

3.1 Marine Mammals

Table 1.

2000 Total number of reported marine mammal strandings (Welsh Coast).													
Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Bottlenose dolphin	0	0	0	0	0	1	1	1	0	0	0	0	3
Common dolphin	1	1	2	0	1	0	2	1	0	1	0	0	9
Fin whale	0	0	0	0	0	0	0	0	1	0	0	0	1
Risso's dolphin	0	1	0	0	0	0	0	0	0	1	0	0	2
Striped dolphin	1	0	0	0	0	2	0	0	0	0	1	0	4
Long-finned pilot whale	0	0	1	0	0	1	0	0	0	0	0	0	2
Harbour porpoise	4	2	4	3	7	18	7	2	8	12	6	2	75
Cetacean sp. Indent.	0	1	0	0	1	0	0	0	0	0	2	2	6
Total cetaceans	6	5	7	3	9	22	10	4	9	14	9	4	102
Grey seal	5	2	3	5	1	1	1	2	5	36	9	2	72
Total animals	11	7	10	8	10	23	11	6	14	50	18	6	174

Table 2.

2000 Number of live cetacean strandings (Welsh Coast).													
Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Common dolphin	0	0	2	0	0	0	0	0	0	0	0	0	2
Striped dolphin	0	0	0	0	0	1	0	0	0	0	0	0	1
Harbour porpoise	0	0	0	0	1	0	0	0	0	0	0	0	1
Total animals	0	0	2	0	1	1	0	0	0	0	0	0	4

Of the 102 cetacean strandings 3.9% live-stranded (4 animals), under *post-mortem* examination a larger number were determined as having live-stranded. In addition four common dolphins were successfully herded from Fishguard harbour.

Table 3.

2000 Number of animals suitable for <i>post-mortem</i> examination.													
Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Common dolphin	0	0	0	0	1	0	0	0	0	0	0	0	1
Striped dolphin	1	0	0	0	0	0	0	0	0	0	1	0	2
Harbour porpoise	1	2	2	0	3	3	3	0	3	5	2	0	24
Risso's dolphin	0	0	0	0	0	0	0	0	0	1	0	0	1
Total animals	2	2	2	0	4	3	3	0	3	6	3	0	28

Of the 102 cetacean strandings 27.4% (28 animals) were suitable for *post-mortem* examination. In addition three grey seals were also taken for *post-mortem* examination.

Table 4.

2000 Number of Animals decomposed / disposed of. (Welsh Coast).													
Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Bottlenose dolphin	0	0	0	0	0	1	1	1	0	0	0	0	3
Common dolphin	1	1	0	0	0	0	2	1	0	1	0	0	6
Fin whale	0	0	0	0	0	0	0	1	0	0	0	0	1
Risso's dolphin	0	1	0	0	0	0	0	0	0	0	0	0	1
Striped dolphin	0	0	0	0	0	1	0	0	0	0	0	0	1
Long-finned pilot whale	0	0	1	0	0	1	0	0	0	0	0	0	2
Harbour porpoise	3	0	2	0	4	9	3	2	4	5	2	1	35
Cetacean sp. Ident.	0	0	0	0	0	0	0	0	0	0	1	0	1
Total cetaceans	4	2	3	0	4	12	6	5	4	6	3	1	50
Grey seal	5	0	3	5	1	1	1	2	4	21	6	2	51
Total animals	9	2	6	5	5	13	7	7	8	27	9	3	101

Of the 174 strandings 58% (101 animals) were decomposed and the relevant local council contacted for safe disposal of remains. Funding for seals again was limited throughout the year and this is reflected in the relatively high numbers of animals passed to local councils for safe disposal.

The remaining 42% (73 animals) were confirmed reports but were unable to be retrieved or disposed of due to various reasons. i.e. no access to stranding, washed away or retrospective reports.

3.2 Unusual Occurrences

SW2000/40 was reported stranded on the 8th March at Druidstone, Pembrokeshire. This **harbour porpoise** (*Phocoena phocoena*) had very likely been filleted. The whole muscle mass from the left hand side of the animal had been removed. The straight edge of the blubber laying over the rock would indicate that this was not caused by scavenger damage.



Plate 1. Harbour porpoise SW2000/40 showing “clean” blubber edge over rock.

SW2000/48 was reported stranded on the 13th March at Pendine, Carmarthenshire. This animal was in a state of advanced decomposition and was first reported as a Sperm whale.

The animal was subsequently identified by the tooth sockets in the upper palate as a **long-finned pilot whale** (*Globicephala melas*).



Plate 2. Long-finned pilot whale SW2000/48, showing tooth sockets in the upper palate.

SW2000/131 was reported stranded on the 11th July, at Rhos-on-Sea, Conwy. This was a male **harbour porpoise** (*Phocoena phocoena*) neonate/calf 88.0cm long. The carcass was in a fresh condition.

Damage to the carcass was far in excess to that expected by normal scavenger damage given the fresh condition.

A boat propeller or other severe impact may have hit this animal.



Plate 3. Harbour porpoise calf SW2000/131 showing damage to rear of head.

SW2000/136 was reported stranded on the 19th July, approximately four kilometres up the River Teifi at St Dogmaels. This was identified as a 3.1 metre **bottlenose dolphin** in a state of advanced decomposition, sex could not be determined.

The carcass was winched onto the riverbank where it was lifted into a truck by JCB and removed for safe disposal by the local authority.



Plate 4. Bottlenose dolphin SW2000/136 being recovered at St Dogmaels on the River Teifi.

SW2000/150 was reported stranded at Slade on the Gower Peninsula. This animal was identified as a 6.7metre female **fin whale** calf in a state of advanced decomposition. Samples were taken at site and the local authority contacted for disposal of remains. The carcass was left to break-up and decompose naturally as removal of the remains would have proved very difficult.



Plate 5. 6.7metre Fin whale calf SW2000/150 stranded on rocks at Slade on the Gower Peninsula.

3.3 Live Strandings

SW2000/49 was a live-stranded **common dolphin** (*Delphinus delphis*) reported on the 13th March, which had stranded at Flint on the Dee Estuary. The animal was transported across sand banks to deeper water, on a quadbike, by local fishermen and released.

SW2000/62 was a live-stranded **common dolphin** (*Delphinus delphis*) reported on the 22nd March, which had stranded in Mostyn Harbour. Inspector Phil Lewis RSPCA and the RLNI attended and eventually released the animal into deeper water 1.5 miles off Rhyl later that evening.

SW2000/98 was a live-stranded **harbour porpoise** (*Phocoena phocoena*) reported on the 29th May, which had stranded at Penbryn, Ceredigion. This animal had repeatedly live-stranded onto a busy beach where members of the public swam the animal out to deeper water. The carcass was later retrieved from rocks with the help of HM Coastguard.

On the 21st June four **common dolphins** (*Delphinus delphis*) were reported in Fishguard harbour by Milford Haven Coastguard. The animals were milling in the southwest corner of the harbour, an area only a few feet deep that dries out at low tide. These dolphins were monitored for several hours and made no attempt to move from the area. With the help of the RSPCA RIB, RSPCA inflatable, and the Fire Rescue RIB the four animals were slowly shepherded across the harbour to the entrance where they sensed open sea and swam off.

SW2000/120 was a live-stranded **striped dolphin** (*Stenella coeruleoalba*) reported on the 27th June, which had stranded at Morfa Nefyn, Gwynedd. Inspector Phil Lewis RSPCA attended and the animal was eventually shepherded into deeper water past pleasure craft, which appeared to be confusing it.

3.4 Bottlenose dolphin Attacks.

Prior to 2000, nine **harbour porpoises** off the Welsh coast were found, by *post-mortem* examination, to have died of injuries consistent with attack by one or more **bottlenose dolphins** (Jepson and Baker 1998). This unusual violent interaction between these species was first recorded and documented in the Moray Firth, Scotland by Ross and Wilson (1996).

The first harbour porpoise found dead in Wales and diagnosed by Dr J. Baker as “killed by bottlenose dolphin attack” was at Llanon, Cardigan Bay in 1995. A subsequent search through *post-mortem* examination reports revealed no prior evidence of other porpoises exhibiting any of these unique injuries found on these carcasses. Eight of the bottlenose dolphin killed porpoises were found within Cardigan Bay an accepted home area for one of the few resident UK bottlenose dolphin groups. The ninth porpoise was found north of Cardigan Bay at Trefor, Gwynedd north Wales.

In 2000 a further nine harbour porpoises were identified to have died of injuries consistent with attack by one or more bottlenose dolphins. These animals were also retrieved from the Cardigan Bay area bringing the total to date to 18 killed porpoises. The reason for these killings are unclear, distribution between male and females when the 2000 data is added shows a bias towards males, the ratio being 12 males to 6 females and include all age classes except for calves.

On the 25th October 2000, five cetacean strandings were reported. Four of these were in a fresh condition for *post-mortem* examination. The four animals consisted of three porpoises and a **Risso’s dolphin** calf; the largest of the porpoises was pregnant. All three porpoises were determined to have died as a result of violent interaction with bottlenose dolphins.



Plate 6. Tail fluke showing rake marks. The spacing of the marks match that of Bottlenose dolphin teeth spacing.



Plate 7. Harbour porpoise showing cavity in the blubber caused by being rammed by Bottlenose dolphin.



Plate 8. All three porpoises including a pregnant female were killed by Bottlenose dolphins.

3.5 Brucellosis.

In the 1996 Marine Mammal Strandings, Annual Report, I included the MAFF directive on “Brucellosis in Seals and Small Cetaceans” which stated that brucella had been isolated from the Scottish coast. This new strain of brucella (*Brucella maris*) has been found to infect humans as indicated in the MAFF directive.

Unfortunately, following a *post-mortem* examination of a **harbour porpoise** (*Phocoena phocoena*) SW2000/53 found floating in the sea off Fishguard, Pembrokeshire on the 15th March 2000, this bacteria has now been identified from the Welsh coast. As a result of this I have re-circulated the MAFF directive to local authorities and other parties that may come into contact with marine mammals on the Welsh coast.

4. OTHER MARINE ANIMALS REPORTED TO THE NETWORK.

4.1 Turtles

Only one **Leatherback turtle** (*Dermochelys coriacea*) was reported stranded dead in Wales during 2000. However, 5 Leatherbacks were reported live in the Carmarthen Bay area, the majority sighted from the Scoter aerial survey.

ST1999/2 the **Kemp’s ridley** turtle (*Lepidochelys kempii*), that live-stranded on the 30th November 1999 at Broad Haven, Pembrokeshire and was flown to SeaWorld, Florida by British Airways, was successfully released into the sea at Cape Canaveral on the 12th April 2000.

T2000/21a was a live-stranded **Kemp’s ridley** turtle (*Lepidochelys kempii*) reported on the 5th December at Kenfig National Nature Reserve, Bridgend. A further two dead turtles were reported stranded together with the live animal but these were not found by a subsequent search by reserve rangers.

The live turtle was driven to the Blue Reef Aquarium in Newquay, Cornwall where rehabilitation on another Kemp’s ridley turtle was attempted two weeks previous. Both animals unfortunately died and were sent for *post-mortem* examination together with a third dead specimen to the Veterinary Investigation Centre, Truro.

Post-mortem examinations of these three animals were funded by the Cornwall Wildlife Trust, Newquay Zoo and Marine Environmental Monitoring, further funding for toxicology analysis is at present being negotiated with the World Wide Fund for Nature (WWF) and English Nature

From 2001, all marine turtles found stranded on the UK coast will be included in the DETR “Collaborative UK Marine Mammal Project”. Dead stranded turtles will be routinely recorded and if in fresh enough condition, collected and examined *post-mortem*.

5. SAMPLES.

The normal procedure for the taking of samples is from fresh animals that have been taken for *post-mortem* examination.

Samples of muscle have continued to be taken by the strandings co-ordinator from animals, which would normally have been disposed of. These samples have been stored at -20° C for later radionuclide comparisons with samples taken in Ireland.

Since 1998, skin has also been collected from these cetacean carcasses and archived at -20° C for IOZ hopefully for later DNA analysis.

Skin from UK turtle strandings has also been sampled and stored in alcohol at -20° C.

6. FUNDING.

Phase 2 of the Welsh Assembly/NHM contract terminated in March 2000.

A new contract is to be issued which will be retrospective to the 1st of April 2000 and run for 3 years to be administered by the Countryside Council for Wales.

DETR, through the Institute of Zoology, London, continue to cover transportation costs and the Environment Agency has also maintained support of a high-powered microscope.

All other costs incurred over this period whilst waiting for the renewal of the contract have been borne by Marine Environmental Monitoring.

7. EQUIPMENT.

The Quad-bike has proved to be invaluable to the project, enabling vast distances to be covered quickly when searching for a reported stranding. It also enables retrieval of the carcass either by carrying it on one of the racks or by dragging the carcass back to the beach access point. This vehicle also enables the carrying of all equipment necessary for sampling if the carcass is not suitable for retrieval. The vehicle also makes easy going of shingle and boulder-strewn beaches, can pass between bollards at beach access points and easily negotiate steps.

Very few reported strandings now have to be left, or are not found, due to their distance from public roads. In short the project cannot operate efficiently without such a vehicle.

The Quad-bike is transported to the stranding location in the trailer. Ramps are fitted in the trailer which can be seen in **Plate 10**. This increases the clearance under the Quad-bike

enabling the retrieved carcass to lie in the drip tray under the bike. This area is quite large and on one occasion has successfully accommodated four adult harbour porpoises and on another a Pygmy sperm whale.

In the event of a Leatherback turtle requiring transportation, or a larger cetacean, the ramps can easily be removed by sliding out two locking pins.



Plate 9. Recovery, searching and sample taking of carcasses using the quad-bike has enabled animals to be included that would previously not have been found.



Plate 10. The Quad-bike is transported in the trailer; ramps allow sufficient clearance for the stranding to fit underneath.

During 2000 Gwynedd County Council installed up to date computers at all their Harbour offices and issued digital cameras to their Harbour Masters. This electronic imaging capability has enabled virtual immediate transfer of images for scrutinising by myself. This has enabled remote confirmation of species and determined condition of carcasses. Images can also be relayed to the Natural History Museum for confirmation of unusual species and the Institute of Zoology for discussion on unusual injuries. This facility has enabled a saving on travelling expenses by reducing the amount of call-outs on animals unsuitable for *post-mortem* examination and has improved the accuracy of reported species in the Gwynedd County. In some cases this electronic image capability has even given an indication as to the cause of death.



Plate 11. An indication of cause of death can be given via this imaging system as with this Grey seal at Harlech with monofilament netting around its neck.

Image by: Barry Davies, Gwynedd Maritime Officer.

It is hoped that this facility can be extended to other local authorities in the future.

8. TRAINING.

The British Divers Marine Life Rescue (BDMLR) “Marine Mammal Medic” course was successfully completed at New Quay, Ceredigion on the 23rd September.

9. PUBLICITY.

The Strandings Web-site has been maintained to provide details of both the Collaborative UK & Celtic strandings projects. Although this is intended primarily for Wales, key contact details are given for England, Scotland and Ireland. The pages can be viewed at **www.strandings.com** and I would be grateful for any comments on the Web site and any further links to other sites that may be of interest.

Morphometrics for turtles has been added to the site at www.strandings.com/biometrics.html Posters and leaflets produced to increase awareness of the project have continued to be distributed throughout the coast of Wales and the east coast of Ireland. Turtle Codes produced by CCW have also been distributed throughout the Welsh Coast.

10. TRAVEL.

In excess of 14,000 miles were covered by the Strandings Co-ordinator in retrieval and transportation of animals in 2000.

The European Cetacean Society Conference in Cork, Ireland on the 3rd - 5th April 2000 was attended.

11. ADMINISTRATION.

In excess of 79 copies of *post-mortem* examination reports were posted out to finders and associated interested parties concerning each relevant stranding.

12. ACKNOWLEDGEMENTS.

Gerry Jones, Paul Newman, Lin Gander, Jemma Lerwill, Chris Pierpoint, John Goold and Adam Cooper for their support with the project and help in retrieving animals.

Robin Pratt for providing support and base of operations at Fishguard

Strandings Network volunteers, too numerous to mention for their help confirming, reporting and securing animals for collection.

Welsh Assembly / Natural History Museum, Countryside Council for Wales for providing funds towards the project.

13. APPENDICES.

Appendix 1. Cetacean stranding data for 2000.

Appendix 2. Atlantic Grey Seal stranding data for 2000.

Family/Genus	species	Sex	Length	Condition	Date	SW Number	County	Locality	Grid	Comment
Delphinus	delphis	?	?	?	04-Jan-2000	SW2000/001	Ceredigion	Aberaeron	SN445623	Lower jaw of Common dolphin retrieved 8th April 2000 by AO Chater.
Phocoena	phocoena	M	1.48	slight/moderate decomposition	06-Jan-2000	SW2000/002	Gwynedd	Black Rock Sands	SH535367	reported by Helen Smith / Daffdy Phillips Porthmadoc HM. Extensive scavenger damage. LA informed for disposal. Skin & muscle taken.
Phocoena	phocoena	M	1.25	advanced decomposition	08-Jan-2000	SW2000/003	Carmarthenshire	Pembrey	SN400000	Animal disposed of by Warden.
Phocoena	phocoena	F	1.58	fresh	16-Jan-2000	SW2000/005	Anglesey	Lligwy Bay	SH504872	John Goold contacted for collection.
Stenella	coeruleoalba	F	1.89	slight decomposition	23-Jan-2000	SW2000/007	Pembrokeshire	Little Haven	SM855129	
Phocoena	phocoena	F	1.64	slight/moderate decomposition	26-Jan-2000	SW2000/008	Gwynedd	Cae Du	SH563055	reported by Nigel Porter, Milford Haven CG. Aberdovey HM asked to secure carcass. No pm as extensive scavenger damage.
Grampus	griseus	?	2.25	advanced decomposition	06-Feb-2000	SW2000/014	Pembrokeshire	Blucks Pool	SR888972	Skin taken, animal left at site.
Phocoena	phocoena	M	1.25	slight/moderate decomposition	07-Feb-2000	SW2000/016	Swansea	Horton, Gower	SS477854	reported by Ann Muskworthy to Stewart Mason to Alex Muir.
Cetacean	sp. indet.	?	?	?	10-Feb-2000	SW2000/019	Anglesey	Rhoscrowther ?	SH296755	reported by Mr R Owen - Dr Mandy McMath CCW to confirm species.
Delphinus	delphis	F	1.35	moderate decomposition	15-Feb-2000	SW2000/021	Gwynedd	Morfa Harlech	SH563323	Skin & muscle taken. Carcass taken to Pems college.
Phocoena	phocoena	M	0.93	fresh	20-Feb-2000	SW2000/027	Ceredigion	Llanon	SN502664	Large Tapeworm several metres long found in intestine.
Phocoena	phocoena	F	1.40	slight decomposition	03-Mar-2000	SW2000/037	Pembrokeshire	West Dale	SM799058	
Phocoena	phocoena	F	1.58	slight/moderate decomposition	08-Mar-2000	SW2000/040	Pembrokeshire	Druidston Haven	SM860175	Carcass appeared to be filleted.
Globicephala	melas	?	4.4	advanced decomposition	13-Mar-2000	SW2000/048	Carmarthenshire	MOD Pendine	SN280068	LA informed for safe disposal.
Delphinus	delphis	?	?	live	13-Mar-2000	SW2000/049	Flintshire	Flint	SJ272718	reported by Insp. Phil Lewis RSPCA. First reporter Chris Mosmon to EA. Moved to deeper water by Quadbike and released.
Phocoena	phocoena	F	1.15	slight decomposition	15-Mar-2000	SW2000/053	Pembrokeshire	Fishguard	SM966376	
Delphinus	delphis	?	c.1.80	live	22-Mar-2000	SW2000/062	Flintshire	Mostyn Harbour	SJ158812	Phil Lewis RSPCA attended. Animal taken off Rhyll with the help of RNLI and released.
Phocoena	phocoena	?	?	mod/advanced decomposition	23-Mar-2000	SW2000/062a	Anglesey	Llanddona Beach	SH570810	reported by Mrs Irene Marsden on 28th March. Species confirmed by Wil Sanderson CCW, LA informed for disposal.
Phocoena	phocoena	?	?	?	01-Apr-2000	SW2000/072a.1	Gwynedd	Peninsular	SH265275	
Phocoena	phocoena	?	?	?	01-Apr-2000	SW2000/072a.2	Gwynedd	Peninsular	SH265275	
Phocoena	phocoena	?	c.1.60	moderate decomposition	05-Apr-2000	SW2000/076a	Gwynedd	Nefyn	SH305409	Animal missing on 6th April presumed moved by tide.
Cetacean	sp. indet.	?	?	?	06-May-2000	SW2000/088	Ceredigion	Lanina	SN405598	Nothing found.
Phocoena	phocoena	F	1.34	advanced decomposition	17-May-2000	SW2000/090	Swansea	Caswell Bay	SS594873	Samples taken and carcass removed to landfill site with David Smith Swansea CC.
Phocoena	phocoena	M	1.15	advanced decomposition	24-May-2000	SW2000/092	Ceredigion	Aberystwyth	SN583822	
Phocoena	phocoena	?	?	?	24-May-2000	SW2000/093	Ceredigion	Aberystwyth	SN583822	reported by local sea anglers whilst I was retrieving SW2000/92. Second dead porpoise floating Nth past headland, unable to see or retrieve.
Phocoena	phocoena	F	1.53	mod/advanced decomposition	27-May-2000	SW2000/094	Gwynedd	Cae Du	SH561047	Skin & muscle taken, animal tagged and LA informed. Remains of SW2000/8 still on beach.
Phocoena	phocoena	M	0.82	slight decomposition	28-May-2000	SW2000/095	Ceredigion	Llanon	SN508672	
Phocoena	phocoena	?	?	advanced decomposition	29-May-2000	SW2000/096	Gwynedd	Twyn	SH570020	LA informed for disposal.
Delphinus	delphis	F	1.59	slight decomposition	29-May-2000	SW2000/097	Ceredigion	Llangranog	SN310543	
Phocoena	phocoena	F	1.65	live	29-May-2000	SW2000/098	Ceredigion	Penbryn	SN288523	reported by Romain De Kerckhove RSPCA.
Phocoena	phocoena	?	0.90	advanced decomposition	02-Jun-2000	SW2000/101	Gwynedd	Harlech	SH553345	buried on beach by warden.
Phocoena	phocoena	?	1.80	advanced decomposition	02-Jun-2000	SW2000/102	Gwynedd	Harlech	SH552345	buried on beach by warden.
Phocoena	phocoena	M	1.40	slight decomposition	09-Jun-2000	SW2000/103	Ceredigion	Aberystwyth	SN577817	Retrieved with the help of Karen Heppenstall and CCW staff.
Phocoena	phocoena	F	0.77	moderate decomposition	09-Jun-2000	SW2000/104	Ceredigion	Ynysias	SN604929	
Phocoena	phocoena	?	1.30	advanced decomposition	10-Jun-2000	SW2000/105	Ceredigion	Borth	SN607905	Skin & muscle taken, carcass bagged and removed to council depot.
Phocoena	phocoena	?	0.91	advanced decomposition	11-Jun-2000	SW2000/106	Bridgend	Porthcawl	SS857763	LA informed for disposal. Reported by aux CG Alison.
Phocoena	phocoena	?	?	advanced decomposition	13-Jun-2000	SW2000/108	Gwynedd	Black Rock Sands	SH530370	Harbour Master to remove.
Globicephala	melas	M	2.60	moderate decomposition	15-Jun-2000	SW2000/109	Gwynedd	Peninsular	SH265275	Blubber taken by John Goold, blubber thickness 30mm.
Phocoena	phocoena	F	0.82	advanced decomposition	18-Jun-2000	SW2000/110	Carmarthenshire	Pendine	SN270070	Animal removed to Pendine Petrol Station. Skin and Muscle taken at Carmarthen County Council Depot.
Phocoena	phocoena	F	?	moderate decomposition	19-Jun-2000	SW2000/111	Gwynedd	Tal-y-bont	SH580210	Photos sent by Glyn Jones indicate a pregnant animal.
Phocoena	phocoena	?	?	?	21-Jun-2000	SW2000/114b.1	Gwynedd	Llwyngwrl	SH578087	retro report from Peter Morris Ty-Gwyn. Nothing found 27th June.
Phocoena	phocoena	?	0.75	advanced decomposition	21-Jun-2000	SW2000/114b.2	Gwynedd	Llwyngwrl	SH578087	retro report from Peter Morris Ty-Gwyn 27th June. Skin & skull taken.
Phocoena	phocoena	?	?	?	21-Jun-2000	SW2000/114b.3	Gwynedd	Llwyngwrl	SH578087	retro report from Peter Morris Ty-Gwyn. Nothing found 27th June.
Phocoena	phocoena	?	?	?	21-Jun-2000	SW2000/114b.4	Gwynedd	Llwyngwrl	SH578087	retro report from Peter Morris Ty-Gwyn. Nothing found 27th June.
Phocoena	phocoena	?	?	?	21-Jun-2000	SW2000/114b.5	Gwynedd	Llwyngwrl	SH578087	retro report from Peter Morris Ty-Gwyn. Nothing found 27th June.
Stenella	coeruleoalba	?	1.80	advanced decomposition	21-Jun-2000	SW2000/114c	Gwynedd	Llwyngwrl	SH576085	retro report from Peter Morris Ty-Gwyn. Skin & teeth taken 27th June. Tagged and LA informed for disposal.
Tursiops	truncatus	F	3.25	advanced decomposition	23-Jun-2000	SW2000/115	Gwynedd	Aberdovey	SN591976	Skin, blubber, muscle, lower jaw and stomach taken by strandings co-ordinator.
Phocoena	phocoena	F	1.56	mod/advanced decomposition	24-Jun-2000	SW2000/116	Swansea	Rhosili Beach	SS414897	Animal heavily scavenged. Removed to cold store as children were playing with carcass on beach.
Phocoena	phocoena	F	0.65	advanced decomposition	27-Jun-2000	SW2000/117	Gwynedd	Cae-Du	SH564053	Skin taken and carcass removed.
Phocoena	phocoena	F	1.40	advanced decomposition	27-Jun-2000	SW2000/118	Gwynedd	Cae-Du	SH565060	Carcass tagged and LA informed for disposal.
Phocoena	phocoena	?	?	advanced decomposition	27-Jun-2000	SW2000/119	Swansea	Port Eynon Bay	SS487855	Carcass to be burnt by LA due to difficult access.
Stenella	coeruleoalba	?	juv	live	27-Jun-2000	SW2000/120	Gwynedd	Morfa Nefyn	SH285409	Animal refloated by RSPCA Insp. Phil Lewis, vet in attendance.
Delphinus	delphis	?	?	skeletal remains	01-Jul-2000	SW2000/122a	Carmarthenshire	Pembrey	SN400000	Skin and lower jaws removed. Carcass left in Pembrey park depot for disposal by staff.
Phocoena	phocoena	M	0.80	fresh	03-Jul-2000	SW2000/124	Swansea	Port Eynon Bay	SS485853	Nothing found. Search curtailed by rising tide. Photo sent by Adam Cooper 10-07-00 confirm porpoise calf.
Phocoena	phocoena	M	1.15	advanced decomposition	09-Jul-2000	SW2000/126	Ceredigion	Borth	SN607891	Skin & muscle taken carcass bagged and left in carpark for collection by LA.
Phocoena	phocoena	F	0.76	advanced decomposition	09-Jul-2000	SW2000/127	Gwynedd	Twyn	SH566022	Skin & muscle taken carcass bagged and taken to LA depot, Twyn.
Phocoena	phocoena	M	1.12	moderate decomposition	11-Jul-2000	SW2000/130	Ceredigion	Borth	SN601881	
Phocoena	phocoena	M	0.88	slight/moderate decomposition	11-Jul-2000	SW2000/131	Conwy	Rhos-on-Sea	SH844811	
Phocoena	phocoena	F	0.88	slight/moderate decomposition	11-Jul-2000	SW2000/132	Ceredigion	Penbryn	SN292525	
Delphinus	delphis	?	1.88	advanced decomposition	12-Jul-2000	SW2000/133	Ceredigion	New Quay	SN389600	Skin & muscle taken, no lower jaw present. Tagged and LA informed for disposal.
Phocoena	phocoena	M	0.65	advanced decomposition	16-Jul-2000	SW2000/135	Ceredigion	Ynysias	SN604925	Skin taken animal bagged and removed to LA depot.
Tursiops	truncatus	?	3.10	advanced decomposition	19-Jul-2000	SW2000/136	Pembrokeshire	St Dogmaels	SN164467	Skin, muscle and blubber taken, no teeth left in animal. Animal winched up river bank, with help from Paul Newman, for collection by LA for incineration.
Phocoena	phocoena	F	1.45	advanced decomposition	03-Aug-2000	SW2000/139	Ceredigion	Llanhystud	SN533697	Skin and muscle taken, Animal possibly pregnant. Buried on site by owners.
Delphinus	delphis	?	?	skeletal remains	03-Aug-2000	SW2000/139b	Pembrokeshire	Milford Haven	SM840065	Mandible found between Lindsay Bay and Watchouse Bay by Ken Chamberlain. ID by Richard Sabin NHM.
Tursiops	truncatus	M	1.32	mod/advanced decomposition	28-Aug-2000	SW2000/145	Ceredigion	Off New Quay	SN341565	Towed in by Steve Hartley. Found 50 metres off shore between Trwyn Crou and Cwmtydu, New Quay area.
Phocoena	phocoena	F	c.0.70	advanced decomposition	29-Aug-2000	SW2000/147	Carmarthenshire	Pembrey	SN400000	Disposed of by rangers.

Family/Genus	species	Sex	Length	Condition	Date	SW Number	County	Locality	Grid	Comment
Phocoena	phocoena	?	1.14	advanced decomposition	08-Sep-2000	SW2000/149	Ceredigion	Borth	SN608900	Skin & muscle taken, LA informed for disposal.
Balaenoptera	physalus	F	6.70	advanced decomposition	08-Sep-2000	SW2000/150	Swansea	Stade	SS492853	Skin & muscle taken, LA informed for disposal.
Phocoena	phocoena	?	1.10	advanced decomposition	10-Sep-2000	SW2000/151	Ceredigion	Ynyslas	SN602941	Skin & muscle taken, carcass removed to council depot for disposal.
Phocoena	phocoena	?	c.1.50	advanced decomposition	14-Sep-2000	SW2000/152	Ceredigion	Off New Quay	SN315636	Found floating at sea, animal not retrieved.
Phocoena	phocoena	F	0.93	advanced decomposition	17-Sep-2000	SW2000/153	Ceredigion	Llanhystud	SN536704	Skin & muscle taken, carcass removed to LA depot.
Phocoena	phocoena	M	1.25	moderate decomposition	17-Sep-2000	SW2000/154	Gwynedd	Aberdovey	SN591970	
Phocoena	phocoena	?	juv.	advanced decomposition	22-Sep-2000	SW2000/156	Ceredigion	Borth	SN606915	found during search for SW2000/157. Head only, assumed to have broken up naturally. Skin taken.
Phocoena	phocoena	M	1.12	slight decomposition	22-Sep-2000	SW2000/157	Ceredigion	Borth	SN606916	
Phocoena	phocoena	M	1.37	slight decomposition	29-Sep-2000	SW2000/158	Gwynedd	Aber wen	SH443370	
Phocoena	phocoena	M	1.43	advanced decomposition	02-Oct-2000	SW2000/159	Ceredigion	Aberystwyth	SN582818	Skin and muscle taken, carcass removed to LA depot.
Phocoena	phocoena	F	1.50	advanced decomposition	05-Oct-2000	SW2000/162	Gwynedd	Tywyn	SH570018	Skin and muscle taken, carcass tagged and left for collection by LA.
Phocoena	phocoena	?	?	advanced decomposition	06-Oct-2000	SW2000/163	Gwynedd	Criccieth	SH434375	LA to remove.
Phocoena	phocoena	M	0.99	moderate decomposition	09-Oct-2000	SW2000/165	Gwynedd	Tywyn	SN589985	
Phocoena	phocoena	M	1.51	slight/moderate decomposition	11-Oct-2000	SW2000/166	Ceredigion	Aberarth	SN483641	
Phocoena	phocoena	?	?	fresh	18-Oct-2000	SW2000/167a	Ceredigion	Aberystwyth	SN581816	Retro report of porpoise cut in half, nothing found on Sat 21-Oct
Delphinus	delphis	M	c.2.10	advanced decomposition	25-Oct-2000	SW2000/173	Cardiganshire	MOD Pendine	SN286065	Teeth, skin and muscle taken. LA informed for disposal.
Phocoena	phocoena	F	1.26	slight/moderate decomposition	25-Oct-2000	SW2000/174	Gwynedd	Black Rock Sands	SH508378	
Phocoena	phocoena	F	?	slight decomposition	25-Oct-2000	SW2000/175	Gwynedd	Black Rock Sands	SH508378	Carcass disposed of by LA due to extensive scavenger damage.
Phocoena	phocoena	M	1.33	slight decomposition	25-Oct-2000	SW2000/176	Gwynedd	Friog	SH611122	
Grampus	griseus	F	1.87	fresh	25-Oct-2000	SW2000/179	Gwynedd	Morfa Nefyn	SH276411	
Phocoena	phocoena	M	1.50	advanced decomposition	26-Oct-2000	SW2000/180	Cardiganshire	Llanelli	SS500988	Adam Cooper attended.
Phocoena	phocoena	F	1.61	moderate decomposition	26-Oct-2000	SW2000/181	Gwynedd	Llwyngwrl	SH593105	
Phocoena	phocoena	?	?	fresh	30-Oct-2000	SW2000/185	Pembrokeshire	Skrinkle Haven	SS080973	Nothing found on 31-Oct-2000
Phocoena	phocoena	?	?	advanced decomposition	03-Nov-2000	SW2000/187	Cardiganshire	Burry Port	SN455002	Searched for animal on return trip from London. Not able to find due to lack of daylight.
Phocoena	phocoena	M	1.10	advanced decomposition	05-Nov-2000	SW2000/188	Ceredigion	Borth	SN607902	Skin & muscle taken. Removed to LA depot.
Phocoena	phocoena	?	c.1.50	advanced decomposition	08-Nov-2000	SW2000/189b	Anglesey	Aberffraw	SH334686	retro report.
Phocoena	phocoena	M	1.13	moderate decomposition	11-Nov-2000	SW2000/190	Ceredigion	Borth	SN607890	Nothing found on Sunday 12th Nov. Re-reported and found on 15th Nov.
Phocoena	phocoena	F	1.29	fresh	11-Nov-2000	SW2000/191	Anglesey	Rhosneigr	SH315729	Retrieved and stored by Anglesey Sea Zoo for delivery to Dr Baker 13th Nov.
Phocoena	phocoena	M	c.1.40	advanced decomposition	12-Nov-2000	SW2000/192	Anglesey	Llanddona Beach	SH568608	LA informed for disposal.
Stenella	coerulealba	M	1.43	slight decomposition	14-Nov-2000	SW2000/193	Cardiganshire	MOD Pendine	SN286065	
Cetacean	sp. indet.	?	?	fresh	21-Nov-2000	SW2000/197	Gwynedd	Criccieth	SH490380	reported as headless porpoise/dolphin not found by search by Porthmadog HM.
Cetacean	sp. indet.	?	c.7.00	advanced decomposition	27-Nov-2000	SW2000/201	Swansea	Caswell Bay	SS594873	Removed by Swansea Env. Health before investigations could take place. Not SW2000/150 as this is still there (report by Swansea CG).
Phocoena	phocoena	?	?	moderate decomposition	01-Dec-2000	SW2000/206	Swansea	Fall Bay	SS413873	Reported as having extensive scavenger damage. National Trust contacted re disposal of carcass. (NT property)
Phocoena	phocoena	M	c.1.00	advanced decomposition	04-Dec-2000	SW2000/208	Gwynedd	Criccieth	SH490380	Buried by Porthmadog HM.
Cetacean	sp. indet.	?	1.95	?	05-Dec-2000	SW2000/210	Pembrokeshire	Swan Lake	SS045979	revisited by Graham, measured at 6' 5" and teeth taken.
Cetacean	sp. indet.	?	?	?	18-Dec-2000	SW2000/218	Swansea	Horton	SS489854	reported as dolphin.

species	Sex	Length	Condition	Date	SS No	County	Locality	Grid_ref	Comment
Halichoerus grypus	?	?	?	09-Jan-00	SS2000/001	Pembrokeshire	Bridge	SN146060	Reported by Mr Morgan. LA informed for disposal.
Halichoerus grypus	?	?	?	11-Jan-00	SS2000/002	Anglesey	Rhosneigr	SH315730	Reported by Jane Waltham Env. Health. Disposed of by LA.
Halichoerus grypus	? p?	?	?	15-Jan-00	SS2000/003	Pembrokeshire	Bridge	SN146060	Reported by Mr Rawlings. LA informed for disposal.
Halichoerus grypus	?	?	fresh	17-Jan-00	SS2000/004	Anglesey	Red Wharf Bay	SH565808	Reported by Jim Ellis. LA informed for disposal.
Halichoerus grypus	?	?	?	15-Feb-00	SS2000/006	Anglesey	Red Wharf Bay	SH563806	Reported by P. Selwyn
Halichoerus grypus	?	?	?	18-Feb-00	SS2000/007	Pembrokeshire	Milford Haven	SM905055	Reported by Geoff Hall
Halichoerus grypus	?	?	?	14-Mar-00	SS2000/008	Ceredigion	Aberystwyth	SN578797	Reported by ? LA informed.
Halichoerus grypus	?	c. 1.0	fresh	16-Mar-00	SS2000/009	Swansea	Rhossili	SS410900	Reported by National Trust. Buried on beach.
Halichoerus grypus	F	adult	mod/advanced decomposition	28-Mar-00	SS2000/012	Gwynedd	Fairbourne	SH611133	Reported by Barmouth HM
Halichoerus grypus	?	?	?	03-Apr-00	SS2000/013	Ceredigion	Borth	SN607890	Reported by ? LA informed.
Halichoerus grypus	?	?	?	06-Apr-00	SS2000/014	Pembrokeshire	Aberforrest	SN026396	Reported by Michael Hughes. LA informed.
Halichoerus grypus	?	?	?	05-Jan-00	SS2000/027	Gwynedd	Harlech	SH568322	Reported by Ifan Jones, Snowdonia Warden.
Halichoerus grypus	?	?	?	18-Apr-00	SS2000/028	Pembrokeshire	MOD Pendine	SN285064	Reported by MOD Police. LA informed.
Halichoerus grypus	?	?	?	20-Apr-00	SS2000/029	Gwynedd	Menai Straits	SH525700	Reported by EA. LA informed.
Halichoerus grypus	?	?	?	26-Apr-00	SS2000/030	Pembrokeshire	Amroth	SN170066	Reported by Steve Morgan Pembrokeshire CC.
Halichoerus grypus	?	?	?	09-May-00	SS2000/031	Carmarthenshire	Llansteffan	SN355101	Reported by Carmarthen CC.
Halichoerus grypus	?	?	?	09-Jun-00	SS2000/034	Pembrokeshire	Dale	SM818061	Reported by Jeremy Percy. Animal on beach with 100 foot of fine mesh net.
Halichoerus grypus	?	?	?	17-Jul-00	SS2000/036	Ceredigion	Aberporth	SN260513	Reported by ? Part of animal only.
Halichoerus grypus	?	?	?	08-Aug-00	SS2000/037	Ceredigion	Llanrhystud	SN533701	Reported by Mr Hayes.
Halichoerus grypus	?	?	?	13-Aug-00	SS2000/038	Gwynedd	Pwllhelli	SH386345	Reported by Ken Fitzpatrick, Pwllhelli HM.
Halichoerus grypus	?	?	?	08-Sep-00	SS2000/069	Ceredigion	Borth	SN608900	Found whilst searching for porpoise SW2000/149
Halichoerus grypus	F	adult	fresh	28-Sep-00	SS2000/070	Pembrokeshire	Freshwater West	SM880000	Reported by Mick Brown RSPCA. LA informed.
Halichoerus grypus	?	?	?	29-Sep-00	SS2000/071	Pembrokeshire	Tenby	SS124984	Reported by ?
Halichoerus grypus	F	adult	moderate decomposition	30-Sep-00	SS2000/072	Pembrokeshire	Amroth	SN167071	Reported by Mrs Wallis. Dead adult female with pup half out, confirmed by T. Leadbetter. LA informed.
Halichoerus grypus	?	?	fresh	02-Oct-00	SS2000/073	Pembrokeshire	Manorbier	SS020977	Reported by Terry Leadbetter.
Halichoerus grypus	?	?	?	30-Sep-00	SS2000/074	Pembrokeshire	Newgale	SM850210	Reported by Terry Leadbetter.
Halichoerus grypus	?	?	?	03-Oct-00	SS2000/075	Pembrokeshire	Broad Haven	SM860135	Reported by Kerry. LA informed.
Halichoerus grypus	?	?	?	03-Oct-00	SS2000/076	Pembrokeshire	Newport	SN044409	Reported by Jemma. LA informed.
Halichoerus grypus	?	adult	?	03-Oct-00	SS2000/077	Pembrokeshire	Freshwater West	SM880000	Reported by Mrs Bullock.
Halichoerus grypus	?	?	?	03-Oct-00	SS2000/078	Pembrokeshire	Freshwater West	SM880000	Reported by Mrs Bullock.
Halichoerus grypus	?	?	?	03-Oct-00	SS2000/079	Pembrokeshire	Freshwater West	SM880000	Reported by Mrs Bullock.
Halichoerus grypus	?	?	?	04-Oct-00	SS2000/080	Carmarthenshire	Pendine	SN281066	Reported by MOD Police Simon Jones
Halichoerus grypus	?	adult	advanced decomposition	06-Oct-00	SS2000/081	Ceredigion	Aberporth	SN259513	Reported by Mr Davies. LA informed for disposal.
Halichoerus grypus	?	?	?	07-Oct-00	SS2000/082	Pembrokeshire	Newport	SN044409	Reported by ?
Halichoerus grypus	?	?	?	09-Oct-00	SS2000/083	Pembrokeshire	Newgale	SM850210	Reported by Steve Taylor
Halichoerus grypus	?	?	?	09-Oct-00	SS2000/084	Gwynedd	Aberdovey	SN591976	Found whilst searching for porpoise SW2000/165
Halichoerus grypus	?	?	?	10-Oct-00	SS2000/085	Ceredigion	Borth	SN608900	Reported by ?
Halichoerus grypus	F	1.2	slight/moderate decomposition	10-Oct-00	SS2000/086	Pembrokeshire	Newport	SN550412	Reported by Milford Haven Coastguard / Maria PCNP. Retrieved for pm.
Halichoerus grypus	?	?	?	10-Oct-00	SS2000/087	Gwynedd	Aberdovey	SN591976	Reported by Paul Edwards, Aberdovey HM. LA informed.
Halichoerus grypus	?	?	?	07-Oct-00	SS2000/088	Pembrokeshire	Whitesands	SM732268	Reported by Gillian Gray/Garry Thomas PCNP. Retro report.
Halichoerus grypus	?	?	?	07-Oct-00	SS2000/089	Pembrokeshire	Whitesands	SM732268	Reported by Gillian Gray/Garry Thomas PCNP. Retro report.
Halichoerus grypus	?	?	?	10-Oct-00	SS2000/090	Pembrokeshire	St Nons	SM752242	Reported by Gillian Gray/Garry Thomas PCNP. Retro report.
Halichoerus grypus	?	?	?	10-Oct-00	SS2000/091	Pembrokeshire	Porth Clais	SM742242	Reported by Gillian Gray/Garry Thomas PCNP. Retro report.
Halichoerus grypus	?	?	?	12-Oct-00	SS2000/092	Ceredigion	Clarach	SN588837	Reported by ?
Halichoerus grypus	?	?	?	13-Oct-00	SS2000/093	Ceredigion	Borth	SN608900	Reported by Milford Haven Coastguard
Halichoerus grypus	?	?	?	13-Oct-00	SS2000/094	Pembrokeshire	St Justinians	SM723251	Reported by Milford Haven Coastguard
Halichoerus grypus	?	?	?	14-Oct-00	SS2000/095	Ceredigion	Tresaith	SN277514	Reported by Mr Alexander Aux Coastguard. (on beach).
Halichoerus grypus	?	?	?	14-Oct-00	SS2000/096	Ceredigion	Tresaith	SN279515	Reported by ? (by waterfall).
Halichoerus grypus	?	?	?	14-Oct-00	SS2000/097	Ceredigion	Llanon	SN522687	Reported by Keith Stone NWSF.
Halichoerus grypus	?	?	?	15-Oct-00	SS2000/098	Ceredigion	Llanrhystud	SN534703	Reported by Pencarreg Holiday Park.
Halichoerus grypus	?	?	?	16-Oct-00	SS2000/099	Ceredigion	Borth	SN608900	Reported by Milford Haven Coastguard
Halichoerus grypus	?	?	?	16-Oct-00	SS2000/100	Ceredigion	Ynyslas	SN603936	Reported by Milford Haven Coastguard
Halichoerus grypus	?	?	?	17-Oct-00	SS2000/101	Pembrokeshire	Porth Gain	SM814326	Reported by Milford Haven Coastguard

Appendix 2.

species	Sex	Length	Condition	Date	SS No	County	Locality	Grid ref	Comment
Halichoerus grypus	?	?	?	17-Oct-00	SS2000/102	Ceredigion	Cei Bach	SN419599	Reported by Margeret Crouch. LA informed
Halichoerus grypus	?	?	?	19-Oct-00	SS2000/103	Pembrokeshire	Manorbier	SS059975	Reported by Milford Haven Coastguard. LA informed
Halichoerus grypus	M	1.21	slight decomposition	20-Oct-00	SS2000/104	Pembrokeshire	Freshwater East	SS020979	Reported by MHCG / Mr K Morgan.
Halichoerus grypus	?	c. 1.0	advanced decomposition	21-Oct-00	SS2000/107	Swansea	Three Cliffs Bay	SS537879	Reported by Kerry Docherty Countryside Ranger.
Halichoerus grypus	?	?	advanced decomposition	22-Oct-00	SS2000/108	Pembrokeshire	Freshwater East	SS020979	Reported by Mr K Morgan. LA informed
Halichoerus grypus	?	adult	advanced decomposition	25-Oct-00	SS2000/109	Gwynedd	Sands	SH514376	Reported by Daffydd Phillips, Portmadoc Harbourmaster. Disposed of.
Halichoerus grypus	?	?	?	26-Oct-00	SS2000/110	Ceredigion	Borth	SN608900	Reported by Milford Haven Coastguard
Halichoerus grypus	?	?	?	29-Oct-00	SS2000/111	Swansea	Caswell Bay	SS592873	Reported by ? Removed by David Smith, Swansea Env. Health 30/10/00.
Halichoerus grypus	?	?	?	03-Nov-00	SS2000/112	Carmarthenshire	Pembrey	SS420992	Reported by Naomi
Halichoerus grypus	?	?	?	04-Nov-00	SS2000/113	Carmarthenshire	Llansteffan	SN355101	Reported by Ian Dutch
Halichoerus grypus	?	?	?	04-Nov-00	SS2000/114	Gwynedd	Llwyngwrl	SH580090	Reported by Sunbeach Holiday Park
Halichoerus grypus	?	?	?	04-Nov-00	SS2000/115	Anglesey			Reported by ?
Halichoerus grypus	?	?	?	05-Nov-00	SS2000/116	Ceredigion	Borth	SN608900	Reported by ?
Halichoerus grypus	?	?	?	07-Nov-00	SS2000/118	Pembrokeshire	Martins Haven	SM760089	Reported by Phil Newman.
Halichoerus grypus	?	adult	advanced decomposition	12-Nov-00	SS2000/119	Ceredigion	Borth	SN605925	found while searching for porpoise SW2000/190. LA informed for disposal.
Halichoerus grypus	?	?	?	29-Nov-00	SS2000/129	Pembrokeshire	Freshwater East	SS020979	Reported by Mr K Morgan. LA informed
Halichoerus grypus	?	?	?	29-Nov-00	SS2000/130	Pembrokeshire	Broad Haven	SM860135	Reported by ? LA informed for disposal.
Halichoerus grypus	?	?	?	14-Dec-00	SS2000/131	Pembrokeshire	Freshwater West	SM880000	Reported by Carolyn Rogers. LA informed for disposal.
Halichoerus grypus	?	?	?	16-Dec-00	SS2000/132	Anglesey	Rhosneigr	SH323726	Reported by EA, informant Nick Richardson. LA informed.
Halichoerus grypus	F	?	fresh	29-Nov-00	SS2000/137	Gwynedd	Harlech	SH568322	Reported by Barry Davies Maritime Officer.