

## Wardens Report (May 2012 – October 2012)

### Marine

#### Grey Seals (*Halichoerus grypus*)

A total of 7 surveys looking at the number of grey seals (*Halichoerus grypus*) around the island around low tide have been carried out since the start of May 2012. The maximum number of animals counted was 200 individuals, while the minimum was 112, however this count was carried out from the MS Oldenburg during a round the Island trip, and was felt to be a less accurate way than by using the RIB as was used in every other survey.

Summary of Seal Surveys undertaken during the Summer 2012:

Date	Total Number of Seals	Number of Males	Number of Females	Number of Juveniles	Unknown sex/age
08-Apr-12	177	9	120	3	55
23-May-12	127	13	92	1	21
18-Jun-12	186	11	7	15	153
09-Jul-12	181	4	89	50	38
20-Aug-12	200	9	0	19	127
31-Aug-12	188	22	54	67	45
20-Sep-12	112	5	18	21	68
21-Sep-12	162	14	49	43	56

The biggest concentration of animals was always up around the North East of the Island, from just North of Gannets Rock round to the Hen and Chickens. Was rare to spot many animals on the west coast of the island, however believed could be missing animals hauled out in sea caves here, the swell that tended to be found on this side island prevented us being able to survey as thoroughly as was possible on the East coast.

Throughout September and October more surveys were carried out to attempt to gain an accurate estimate of the number of pups born around Lundy. Land was accessed from the RIB to carry this out. The first pup spotted was on 26<sup>th</sup> August 2012, at Montagu' Step area, however highly probable that pups may have been born before this date and just not observed. Up until the 20<sup>th</sup> of October 2012 a minimum of 35 pups were born around Lundy. It was felt this was an underestimation of the total number of pups born due to the fact that a large proportion of potential pupping sites around the coastline could not be checked.

Searches were also carried out to look for seal scat samples; these have involved accessing seal haul out sites both from land and from the boat. Whenever land has been accessed, to look for pups and such like, searches for scats have also been carried out. Unfortunately although a fair amount of time and effort has been spent searching for scats, only 4 have been found in total. Wardens feel it will be difficult to locate many scats on Lundy as a result of the large tides experienced here, seal haul out sites get washed at every high tide, so not a large time window of opportunity to find them.

Entangled seals were spotted on numerous occasion, on 5 of the 7 seal surveys carried out at least one entangled individual was spotted, with 3 different animals showing entanglements on the

survey carried out on 20-August-12. Apart from during the seal surveys, there were two other reports of animals being spotted showing entanglements. One of these was by the team who were over carrying out a cull of feral stock at start of October, they reported that it had a very large amount of green fishing net attached to it, this animal was not spotted by the wardens.

### **Cetaceans**

From the 12<sup>th</sup> May Natalie Squire and Katy Hodgson-Ball, MSc students from Plymouth University, spent an 8 week period, carrying out cetacean observation from Lundy whenever the conditions allowed. The data they collected was incorporated into their projects. Natalie had intended to use data from the C-POD deployed on the wrecks of the Robert and the Ethel, unfortunately they had not been set up correctly so did not record data for the period from June through to August. After the problems concerning their set up was investigated and fixed so they were operating correctly, both C-PODs were redeployed in early September. These should be retrieved in early December, to ensure the battery life will not run low on them.

Throughout the summer observers from Marine Life carried out monthly surveys from the MS Oldenburg on its passage to Lundy, being lucky enough to spot Risso's dolphins (*Grampus griseus*) on their trip on 15<sup>th</sup> September. The crew of the Oldenburg also kept a record of any cetaceans spotted; this can be seen in appendix 1. Sightings noted in the Tavern logbook can be seen in appendix 2. Sightings from the Tavern logbook are obviously influenced by how much effort people staying on the island invest into carrying out cetacean observation, and if they record them in the log book or not. However from what can be seen from this, and is supported by the observations from the Oldenburg, it would appear that was a peak in cetacean activity around the island towards the end of May. From the 27<sup>th</sup> – 30<sup>th</sup> May there were regular reports of Common Dolphins (*Delphinus delphis*), Harbour Porpoise (*Phocoena Phocoena*) and Minke Whale (*Balanoptera acutorostrata*), and also one report of Bottlenose dolphin (*Tursiops truncates*) all from Lundy. Common dolphins were by far the most commonly spotted cetacean both from the Oldenburg and from Lundy itself.

### **Basking Sharks (*Cetorhinus maximus*)**

There were 3 reported sightings recorded in the Tavern Logbook of Basking sharks (*Cetorhinus maximus*) around Lundy during the summer period. The wardens themselves never observed any individuals. The sightings were on the following dates;

- 4-June-2012 - 17:00BST - 1 Basking Shark in Gannets Bay.
- 6-July-2012 - 08:00BST - 2 Basking Sharks, 1 mile off East Coast.
- 29-July-2012 – 14:30BST – 1 Basking Shark off Quarry Beach.

### **Ocean Sunfish (*Mola mola*)**

The wardens spotted a Sunfish (*Mola Mola*) on 2 separate occasions, on the 10<sup>th</sup> August 2012 just north of Gannets Rock while carrying out a seal survey, and from the jetty on 6<sup>th</sup> September. These were the only recorded sightings of sunfish from Lundy, one was spotted from the MS Oldenburg just as it departed Ilfracombe on 15<sup>th</sup> September.

### **Portugese Man-of-War (*Physalia physalia*)**

A specimen was washed up on Landing Beach on 13<sup>th</sup> October 2012. Had been numerous reports of sightings around the North Devon coastline prior to this, including some from visitors on Lundy.

## Cup Corals

On 9<sup>th</sup> September at low tide the long term monitoring sites in the Devils Kitchen, referred to as sites 1 & 2, were visited to carry out monitoring of the Scarlet and Gold Star Coral (*Balanophyllia Regia*) and Devonshire Cup Coral (*Caryophyllia smithii*). Photographs were taken, total counts taken and measurements of some individuals carried out. This initial visit was only partly successful in being able to locate with certainty the corals to measure. After this visit, using the photographs taken at this visit and previous years photographs, individual corals were matched up to see if they were still present, from this was seen that had been a change in the colonies over time, with some individuals having been lost, and new ones also present. Site 1 was revisited on 16<sup>th</sup> October, to allow for more individuals to be measured. Had been intended to do the same at site 2 the next day, however the weather deteriorated making this not possible. So unfortunately not many individuals have been measured from this site this season. The total counts of individuals at each site was as follows;

- Site 1 – 39 Cup Corals in total (6 Devonshire, 33 Scarlet & Gold Star Corals)
- Site2- 94 Scarlet & Gold Star Corals.

The wardens felt may have been errors in the past with different individuals being mistaken as the same coral and measured from one year to the next. Would recommend taking a new picture at least every two years and matching up individual corals on this before doing the count. The wardens had also intended to put two screws in the top of each site, this will allow the quadrat to be hung in same position every year, helping in locating individual corals. Unfortunately the low tide when they had intended to do this was very rough weather making it not possible. This is something would recommend doing when low tides and calm weather allow. A count and measurement of corals at site 1 & 2 should take place when equinox low tides in Spring 2013.

## Wireweed (*Sargassum muticum*)

Sargassum is an invasive introduced seaweed found in the waters around Lundy, and efforts have been made since it was first identified around Lundy to remove it to attempt to stop it spreading. This summer a total of 197 plants were removed, mainly in the Devils Kitchen. Unfortunately no diving was able to be carried out to allow for greater amounts to be removed.

## Temperature Loggers

The temperature logger on the wreck of the Robert was retrieved on 9<sup>th</sup> of September, and replaced with another logger at the same time. The logger on the jetty was retrieved and replaced with another one on the 18<sup>th</sup> October. The data was downloaded from the logger that was deployed on the Robert without any problems. Unfortunately it was not possible to download the data off the logger that was retrieved from the jetty, the company that manufacture them (Vemco) have been contacted to enquire if they can retrieve the data from the logger, they have stated they can most likely retrieve the data and then e-mail it to us, if the logger is sent out to them, which it has been. They feel the issue may be to do with low battery life in the logger, they have records of us buying them in 2008, while the records we have state 2010, batteries should last around 5 years. If they are correct may well be an issue with all the loggers we currently have, so may want to look at changing them all. This will involve having to upgrade to the new type of logger they manufacture, and also getting a new interface box to allow the data to be downloaded from them. The loggers should next be retrieved during August/September of 2013, however may want to do earlier if feel is an issue with battery life in the loggers.

## Lobster Tagging Research

Sarah Clarke from the Devon and Severn IFCA (Inshore Fisheries & Conservation Authority) was over from 15<sup>th</sup>-17<sup>th</sup> May and again from 8<sup>th</sup>-11<sup>th</sup> July carrying out tagging and mapping of the lobster population around Lundy. The vessel "Our Jenny" skippered by Geoff Huelin was used for this work. They had intended to come back over and do more work in September, however had to cancel this as a result of poor weather.

## Natural England Benthic Grab Study

From the 3<sup>rd</sup>-6<sup>th</sup> July a team from Natural England and the Environment Agency, led By Benjamin Green, came over to carry out a survey of the benthic species around Lundy. This involved doing benthic grab samples at a total of 17 sites around the Island, 15 on the east coast and 2 over on the west side.

## Diving

In total 319 divers booked to use the diving facilities during the summer of 2012, raising over £3700 from air fills alone. The Lundy Splash in did not take place this summer, it was organised to take place on two separate occasion, unfortunately however the weather on both these occasion led to it having to be cancelled. The event has been pencilled in to take place on Saturday 29<sup>th</sup> June 2013, and all companies that agreed to support the event this year are happy to support it again next year.

- Protected Wreck Licence: Access to dive the protected wrecks of the Iona II and the Gull Rock is allowed only if a permit licence has been issued by English Heritage. It is a requirement for any charter boat skippers and individuals who hold a licence to pass on names of all divers that accessed the sites to English Heritage, and supply an annual report of the wrecks condition.

Current licence holders are listed below.

Iona II – Current licence holders are;

Visit Licences -Derek Green  
-Andrew Benguey  
-Nicola Saunders  
-Fiona Hampton Matthews  
-Steve Ashton  
-Paris Daykin-Iliopoulos

Gull Rock – Current licence holders are;

Visit Licences -Derek Green  
-Andrew Benguey  
-Nicola Saunders  
-Steve Ashton

Survey Licences – Paris Daykin-Iliopoulos

On 18<sup>th</sup> July at 13:15BST the crew of Obsession 2 reported the vessel the River Trader anchored between the Iona II and the Robert, and believed it may have dragged its anchor over the wrecks. This was reported to Alison James at English Heritage.

## Moorings

Mooring licences have been issued to the following boats for 2012/13 season

- ASAC
- Obsession II (Andrew Benguey)
- Jessica Hettie (Clive Pearson)
- ILFSAC (2 moorings)
- ITHCUS (Ivan Bate)
- Willow (Jon Fanthorpe)
- Frolica (Roy Lancaster)

### NTZ Infringements

On Saturday 29<sup>th</sup> September Andrew Benguey on Obsession 2 reported that he had spotted a RIB with people angling from it in Gannets Bay, within the NTZ. He said he approached them and explained the regulations to them, giving them a leaflet showing the zoning of the protected areas around Lundy. They apologised and immediately stopped fishing and moved out of the area, explaining they had not been aware of the regulations. It was felt no further action was necessary. This was the only recorded or reported infringement during the summer season.

## Terrestrial

### Vegetation Survey

Janet Lister and a team from the National Trust were over 10<sup>th</sup> – 14<sup>th</sup> July to carry out a baseline vegetation survey to inform on the HLS agreement and give an indication of the state of the islands vegetation and habitats. The full report is available on the island, but the survey showed that the heather at the north end is severely overgrazed, with the annual growth of the heather being browsed, presumably by both the Soay sheep and feral goats. The recent drop in rabbit numbers on the island, brought about by the recent myxomatosis outbreak has led to a dramatic increase in the grass growth on the island, whilst the maritime grassland has a lower sward height than required.

Cattle have been recently reintroduced to the island, with six highland bullocks being brought in in an attempt to better manage the rough grass areas on the plateau.

### Feral Stock

Peter Hamlin and team visited the island in Oct to take out some Soay and goats. Fourteen goats and 22 Soays (12 ewes and 10 rams) were culled. At least 240 Soays were counted in one afternoon.

Feral Stock Numbers from the May count:

<b>Sika</b>	4 stags	6 prickets	60-70 hinds
<b>Soay</b>	29 rams		141 ewes
<b>Goat</b>	15 billies	21 kids	30 nannies

### Rhododendron

The rhododendron eradication work continues with the ranger team and LFS and NT working parties making a good impact on removing and treating seedlings and burning the brash that remains on the sidelands.

### Lundy Cabbage

Steve Compton and Roger and Rosie Key were over at the end of May for the annual Lundy cabbage survey and found numbers of Lundy cabbage in flower are about 7400. This represents an increase

of 59% from 2011, and 66% higher than the average figure over the last 19 years. The overall number of plants including those not in flower has fallen, a result of the presence of fewer seedlings.

### Terrestrial birds

Little regular monitoring of the terrestrial birds has been carried out on the island, but this year we surveyed the peregrines and ravens during other tasks. A BBS style survey of the whole island would be of benefit in future, with many able volunteers from the LFS making the task a manageable one.

A total of seven peregrine pairs nested (or attempted to nest) on Lundy this year. Success was mixed with the Jenny's cove pair failing early on in the season. One nest accessed near The Ugly contained 12 racing pigeon rings and 5 pairs of Manx shearwater wings.

Ravens had a good season this year, with 4, possibly 5 pairs breeding. The myxomatosis outbreak was unfortunate for the rabbits, but good news for the ravens, providing lots of carrion throughout the incubating and chick rearing season. This also meant that the ravens did not bother the ewes and lambs during lambing season as in previous years.

### Seabird monitoring

Due to staff changes this year, not as much seabird monitoring was done as I would have liked. Kittiwake productivity was monitored at 2 colonies, Aztec Bay (F7 in seabird site register) and Aztec Zawn (site F16 in site register). Productivity at those sites was as below. Some fierce storms took out a lot of the lower nests at both sites, but these would have been younger and less experienced birds.

Colony	Hatching success (chicks/pair)	Breeding Success (Chicks/pair)
Aztec Bay (n=41)	<b>0.85</b>	<b>0.17</b>
Aztec Zawn (F16) (n=100)	<b>0.47</b>	<b>0.29</b>

Guillemots were monitored at long roost colony but time was not available this season to get complete coverage there.

Puffins had their best season yet, with a peak count of 171 birds seen around the island on one day. This is almost double the previous seasons count of up to 60 birds. AOBs were not recorded due to the amount of time required, but birds were seen prospecting for nest sites at several new locations, including Long Roost, south of last year's nest site and to the east of the North Light on the North Coast. Repeated sightings were noted along the northern east coast too.

A late survey of the whole island for Fulmar chicks produced a count of 58 chicks near to fledging.

Oxford University were on the island in August for 2 weeks carrying out further tracking work on Manx shearwaters, deploying GLS and GPS devices to learn more about the birds movements and feeding ecology.

David Price, Peter Slader, Tony and Richard Taylor were here for a total of two weeks carrying out Manx shearwater chick ringing in late August and early September, ringing 251 new chicks and capturing a total of 299 birds in total. Both wardens spent time out assisting both the tracking and chick ringing work, with an extra month of trapping work being carried out by the wardens to retrieve a few extra GPSs and GLSs.

## **Rat monitoring**

There were no reported rat sightings this season. Monthly checks of the baited stations on the beach road, around the black shed and the farmyard were undertaken. It was thought useful to acquire indicator sticks to go in the rat boxes that are in all the properties and begin monthly checks of those chew sticks/soap blocks etc.

The ships' rat boxes are not currently checked by the warden, it is recommended that they be checked monthly by the ship's crew or by the warden and that a regular (six-monthly or annually) rat awareness talk be given to the ship's crew, or more often if there is a high turnover of staff who may be unaware of the islands rat-free status and its implications. All hay and straw should be checked before being brought ashore, by going on board and visually checking each bale.

## **Other species**

Slow worms were again reported to have been sighted on the island, this time we managed to get further confirmation and photographic evidence. Several photographs were taken and confirmed that they are breeding with sightings of young individuals. These sightings were from two locations in Millcombe Valley, one on the east side of the valley and one at the bottom of the valley near the pond. After discussions with NE, it was decided to try and trap and relocate any specimens to the mainland. Ten traps were set around Millcombe Valley in August and checked monthly. One slowworm was caught, although from under a rock rather than from one of the traps.

## **Education and media**

### **Warden led events**

Walks, talks, rock pool rambles, snorkel safaris were carried out throughout the summer months, although snorkel safaris did not commence until the end of June as the wardens needed to attend a snorkel instructor course. 26 talks and 25 walks were given through the summer, along with 12 snorkel safaris.

### **School visits**

Eight school groups visited the island this year and were given activities with the wardens including rockpool safaris, guided walks and slide shows. 2 scout groups visited and both these groups were given snorkel safaris. In total, 193 children and 51 teachers and helpers attended these events.

### **Other visits**

Seven other organisations visited the island and were given a talk and/or guided walk included Ambios, CLA (country Land and business association), MCS, Environment Agency and Sail for Poppies.

### **Discover Lundy**

This was a week of events organised and run by the LFS from 26<sup>th</sup> May until 2<sup>nd</sup> June. It was very well attended by many on the island and provided a great opportunity to increase the biological and historical knowledge of the island. Talks, walks and presentations were given by a wide variety of LFS members on all manner of subjects from moths, wild flowers, birds and photography.

### **Media Visit**

During the Summer we had three different film crews over, a team from ITV Westcountry doing a piece on Islands, BBC Wales doing a bit on MCZ and NTZ. There was also a team from over filming a piece on a glider they had flown over for the series "Toys". We were contacted by people from the

one show enquiring about coming over to do filming in September but it never came about, they may be in contact next season. We also had a journalist David Mitchell over researching for an article he planned to do on MCZ and NTZ for the Angling Trust.

**Appendix 1 :- Cetacean Sightings from MS Oldenburg April- October 2012**

Date	Time (BST)	Latitude		Longitude		Species	Total No.
31-Mar-12	10:40	51 11.80	N	04 18.00	W	Harbour porpoise	2
22-May-12	16:30	51 08.60	N	04 31.30	W	Bottlenose Dolphin	8
26-May-12	18:55	51 06.30	N	04 19.10	W	Common Dolphin	30
29-May-12	10:30	51 12.26	N	04 11.94	W	Harbour porpoise	1
29-May-12	11:20	51 11.37	N	04 27.26	W	Common Dolphin	30+
29-May-12	11:30	51 12.00	N	04 30.40	W	Common Dolphin	100+
29-May-12	16:45	51 10.42	N	04 32.51	W	Bottlenose Dolphin	10
29-May-12	17:00	51 10.69	N	04 28.39	W	Common Dolphin	100-300
29-May-12	17:40	51 11.53	N	04 16.67	W	Harbour porpoise	2
31-May-12	11:40	51 11.32	N	04 34.45	W	Common Dolphin	12+
31-May-12	16:45	51 10.36	N	04 32.44	W	Common Dolphin	12+
31-May-12	17:00	51 11.11	N	04 26.09	W	Common Dolphin	60+
12-Jun-12	17:00	51 11.13	N	04 21.95	W	Common Dolphin	30+
14-Jun-12	17:15	51 11.94	N	04 19.11	W	Common Dolphin	10+
19-Jun-12	10:10	51 12.39	N	04 09.57	W	Harbour porpoise	1
28-Jun-12	11:45	51 12.22	N	04 35.27	W	Common Dolphin	6+
28-Jun-12	17:10	51 12.00	N	04 22.27	W	Common Dolphin	7+
30-Jun-12	10:05	51 12.53	N	04 09.19	W	Harbour porpoise	2
04-Jul-12	10:40	51 11.74	N	04 20.16	W	Common Dolphin	3+
04-Jul-12	11:25	51 10.02	N	04 36.62	W	Common Dolphin	20+
05-Jul-12	15:20	51 09.33	N	04 39.96	W	Common Dolphin	3+
05-Jul-12	16:40	51 08.84	N	04 34.33	W	Common Dolphin	3
05-Jul-12	16:45	51 08.16	N	04 31.66	W	Common Dolphin	4
05-Jul-12	16:55	51 07.64	N	04 29.57	W	Common Dolphin	6
09-Jul-12	10:20	51 08.98	N	04 29.20	W	Common Dolphin	20
10-Jul-12	11:20	51 11.07	N	04 30.09	W	Common Dolphin	2
21-Jul-12	12:30	51 10.51	N	04 23.70	W	Harbour porpoise	2+
21-Jul-12	12:40	51 10.31	N	04 20.24	W	Common Dolphin	50+
21-Jul-12	15:50	51 12.10	N	04 25.79	W	Harbour porpoise	2
21-Jul-12	16:10	51 11.39	N	04 31.80	W	Common Dolphin	30+
21-Jul-12	18:30	51 06.83	N	04 21.89	W	Common Dolphin	15+
24-Jul-12	10:25	51 08.10	N	04 28.76	W	Common Dolphin	4
26-Jul-12	17:53	51 12.47	N	04 11.62	W	Harbour porpoise	5
28-Jul-12	12:35	51 12.76	N	04 17.98	W	Common Dolphin	12+
31-Jul-12	16:45	51 11.29	N	04 29.14	W	Common Dolphin	8+
14-Aug-12	17:15	51 11.00	N	04 19.00	W	Common Dolphin	30+
18-Aug-12	16:20	51 12.99	N	04 28.58	W	Common Dolphin	30+
18-Aug-12	16:55	51 10.83	N	04 37.47	W	Harbour porpoise	2
18-Aug-12	18:45	51 12.90	N	04 15.90	W	Common Dolphin	7
21-Aug-12	18:05	51 06.21	N	04 21.38	W	Common Dolphin	12+
23-Aug-12	17:06	51 11.41	N	04 22.92	W	Common Dolphin	3
15-Sep-12	16:20	51 08.18	N	04 28.38	W	Risso's Dolphin	2
15-Sep-12	17:00	51 05.70	N	04 17.66	W	Harbour porpoise	2
23-Oct-12	11:11	51 12. 00	N	04 22.43	W	Common Dolphin	60+

**Appendix 2:- Cetacean Observations from Tavern Logbook.**

DATE	Time	SPECIES	No. Obs	LOCATION
01-Apr-12		Common Dolphin	15-20	Jenny's Cove
12-Apr-12		Porpoise	3	SW point
16-Apr-12	10:30	Common Dolphin	100+	Battery, west coast
16-Apr-12	10:30	Minke Whale	1	Battery, west coast
18-Apr-12		Porpoise	1	Shutter Point
22-Apr-12	PM	Porpoise	2	Off Rat Island
23-Apr-12		Porpoise	1	Off east coast
08-May-12	09:30	Common Dolphin	40+	Off Quarry beach
27-May-12	PM	Common Dolphin	~30	Off east coast
	10:00			
28-May-12	11:00	Minke Whale	1	50 10.642N, 04 37.102W
28-May-12	08:00	Common Dolphin	~30	Off east coast
28-May-12	PM	Porpoise	1	off west side
28-May-12	15:00	Minke Whale	1	off NE point
28-May-12	07:00	Common Dolphin	~30	Off Jenny Cove
28-May-12	15:00-16:00	Common Dolphin	~60 (total, 5 groups)	off east side
28-May-12	09:00	Bottlenose Dolphin	5 adults, 2 calves	East side of 3/4 wall
28-May-12	14:00	Common Dolphin	~12	Just below North light
29-May-12	07:00	Porpoise	1	Jenny's Cove
29-May-12		Porpoise	1	Quater Wall Copse, very close in
29-May-12	08:15-08:45	Common Dolphin	~60	Jenny's Cove
29-May-12	09:00	Common Dolphin	~12	off east side
29-May-12	21:00	Common Dolphin	~12	off SW point
29-May-12		Common Dolphin	~200	Off east coast
29-May-12	09:00	Minke Whale	1	Off terraces, east side
29-May-12	11:00	Minke Whale	1	Off east coast
29-May-12	16:30-17:37	Minke Whale	1	Off east coast
30-May-12	11:00	Common Dolphin	12-15	Landing bay
30-May-12	11:00	Minke Whale	1	Off SE end
30-May-12	06:15-06:55	Minke Whale	1 (poss 2nd present, not able to confirm)	Jenny's Cove
30-May-12	06:15-07:30	Porpoise	2	Jenny's Cove
30-May-12		Common Dolphin	~150	Off Battery to Long Rost
02-Jun-12	19:40	Common Dolphin	7/8	Off east coast
04-Jun-12		Dolphin sp.	8-10	Off Gunnery Point
04-Jun-12	21:30	Harbour porpoise	12	Off Tibbetts Point
04-Jun-12	21:30	Common Dolphin	10	Off Tibbetts Point
04-Jul-12		Dolphin sp.	~12	Off Rat Island
07-Jul-12		Common Dolphin	3	Off Rat Island
22-Jul-12	14:15	Dolphin sp.	2	Near east bank, seen from castle
22-Jul-12		Dolphin sp.	3	Gannets Bay
29-Jul-12	07:55	Harbour porpoise	5	Observed from castle green
30-Jul-12	10:15	Dolphin sp.	~12	Off North Light

31-Jul-12	14:06	Dolphin sp.	2	500m east of VC quarry
01-Aug-12	15:55	Harbour porpoise	2	SE of Castle Green
03-Aug-12	08:55	Harbour porpoise	3	Off Battery
04-Aug-12	12:55	Common Dolphin	30-40	off castle green
	11:22			
05-Aug-12	12:05	Harbour porpoise	1	Off Devils Limekiln
06-Aug-12	10:34	Harbour porpoise	6	Off Quarry beach
06-Aug-12	16:05	Common Dolphin	~10	NE of Castle Green
06-Aug-12	20:00	Common Dolphin	~20	Off Brazen Ward
09-Aug-12	10:30	Harbour porpoise	7	NE of Castle Green
09-Aug-12	11:37	Common Dolphin	~14	800m N of Castle Green
09-Aug-12	13:37	Harbour porpoise	4	300m SW of Shutter Rock
09-Aug-12	15:20	Harbour porpoise	3	500m SE of Castle Green
09-Aug-12	16:00	Common Dolphin	~18	800m NE of Castle Green
09-Aug-12	20:20	Common Dolphin	10	In Landing Bay
09-Aug-12	12:30	Common Dolphin	~5/6	1/2km of Landing Bay
09-Aug-12	16:00	Common Dolphin	8-10	1.5km NE of landing Bay
08-Sep-12	PM	Porpoise	1	off west side
19-Sep-12		Porpoise	2	Off South end
20-Sep-12		Porpoise	3	Off South end
21-Sep-12		Porpoise	15-20	Off North Light
11-Oct-12		Minke Whale	1	3-4 m off Castle