

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**

**Third Report by the United Kingdom under
Article 17**

on the implementation of the Directive
from January 2007 to December 2012
Conservation status assessment for

Species:

S2035 - Cuvier's beaked whale (*Ziphius cavirostris*)

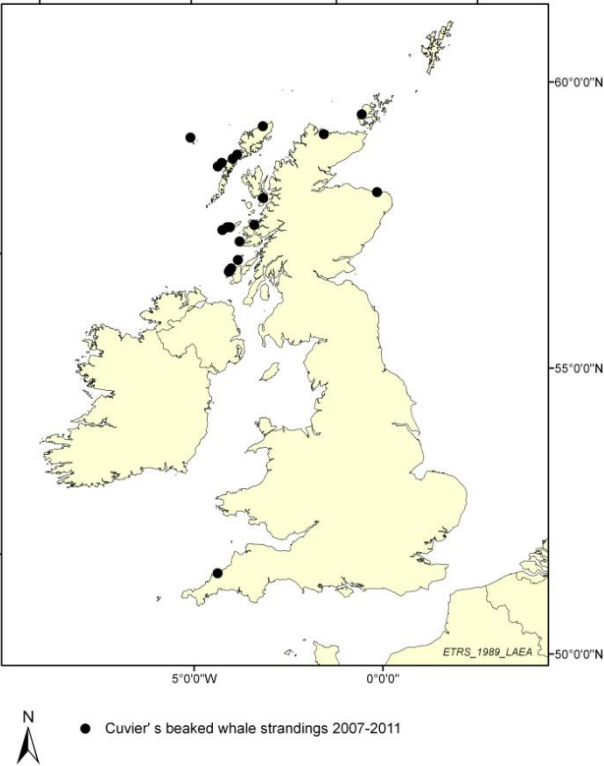
Reporting format on the 'main results of the surveillance under Article 11' for Annex II, IV & V species

<i>Field name</i>	<i>Brief explanations</i>	
0.2 Species	0.2.1 Species code	S2035
	0.2.2 Species scientific name	<i>Ziphius cavirostris</i>
	0.2.3 Alternative species scientific name Optional	
	0.2.4 Common name Optional	

1.1 Maps			
1.1.1 Distribution map	False	Sensitive	False

1.1.2 Method used - map	Absent data
--------------------------------	--------------------

1.1.3 Year or period	
-----------------------------	--

1.1.4 Additional distribution map Optional	<p>Additional Map 1</p>  <p>Reid et al. (2003) map the sightings locations of Cuvier's beaked whale recorded around the UK. The records were compiled in the Joint</p>
--	---

	<p>Cetacean Database and published in the Cetacean Atlas.</p> <p>In the northeast Atlantic, this species is frequently recorded in the Bay of Biscay and further south, but there have been only two confirmed sightings in UK waters (off west Scotland and in the northern North Sea) and four off western Ireland, all in summer (Reid et al., 2003; Evans et al., 2003). Between 1993 and 2004, there have been 12 strandings, occurring almost annually and mostly on the Outer Hebrides (Jepson 2006). During 2005-2010, a total of 23 Cuvier's beaked whales were reported stranded in the UK, all of them in Scotland (mainly west coast). Of these, 12 stranded between January - April 2008 along with a number of other cetacean species in an unusual mortality event (Deaville et al 2011). A further 2 Cuvier's beaked whales, one each in England and Scotland, stranded during 2011 (Deaville, 2012). The distribution of strandings within the current reporting period is given in Additional Map 1.</p>
1.1.5 Range map	False

2.1 Biogeographical region & marine regions	<p>MATL</p> <p>Cuvier's beaked whales occur in temperate and tropical waters of all oceans (Rice, 1998).</p>
2.2 Published sources	<p>Deaville, R. 2012. Draft Report for the period 1st January – 31st December 2011. Cetacean Stranding Investigation Programme CSIP, Defra contracts MB0111 and CR0364.</p> <p>Deaville, R. And Jepson, P. D. (Eds). 2011. Final Report for the period 1st January 2005 – 31st December 2010. Cetacean Stranding Investigation Programme CSIP, Defra contracts CR0346 and CR0364.</p> <p>Evans, P.G.H., Anderwald, P. and Baines, M.E., 2003. UK Cetacean Status Review. Report to English Nature and the Countryside Council for Wales. 159pp.</p> <p>Jepson, P. D. (Ed) 2006. Trends in cetacean strandings around the UK coastline and cetacean and marine turtle post-mortem investigations, 2000 to 2004 inclusive. Defra Contract CRO 238.</p> <p>Reid, J.B., Evans, P.G.H. and Northridge, S.P., 2003. Atlas of cetacean distribution in north-west European waters. Joint Nature Conservation Committee, Peterborough.</p> <p>Rice, D. W. 1998. Marine mammals of the world: systematics and distribution. Society for Marine Mammalogy, Special Issue 4. Lawrence, K. S., USA.</p>

2.3 Range

2.3.1 Surface area Range		
2.3.2 Method used Surface area of Range	Absent data	
2.3.3 Short-term trend Period	2001-2012	
2.3.4 Short term trend Trend direction	unknown	
2.3.5 Short-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
2.3.6 Long-term trend Period Optional	1988-2012	
2.3.7 Long-term trend Trend direction Optional	unknown	
2.3.8 Long-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
2.3.9 Favourable reference range	a) Value in km²	
	b) Operator for FRR	
	c) FRR is unknown (indicated by "true")	True
	d) Method used to set FRR	
2.3.10 Reason for change Is the difference between the	a) Genuine change?	False

reported value in 2.3.1 and the previous reporting round mainly due to...		
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.4 Population		
2.4.1 Population size estimation (using individuals or agreed exceptions where possible)	a) Unit	
	b) Minimum	
	c) Maximum	
2.4.2 Population size estimation (using population unit other than individuals) Optional (<i>if 2.4.1 filled in</i>)	a) Unit	
	b) Minimum	
	c) Maximum	
2.4.3 Additional information on population estimates / conversion Optional	a) Definition of "locality"	
	b) Method to convert data	
	c) Problems encountered to provide population size estimation	
2.4.4 Year or period		
2.4.5 Method used Population size	Absent data	
2.4.6 Short-term trend Period	2001-2012	

2.4.7 Short-term trend	unknown	
Trend direction		
2.4.8 Short-term trend		
Magnitude	a) Minimum	
Optional		
	b) Maximum	
	c) Confidence interval	
2.4.9 Short-term trend	Absent data	
Method used		
2.4.10 Long-term trend –	1988-2012	
Period		
Optional		
2.4.11 Long-term trend	unknown	
Trend direction		
Optional		
2.4.12 Long-term trend		
Magnitude	a) Minimum	
Optional		
	b) Maximum	
	c) Confidence interval	
2.4.13 Long term trend	Absent data	
Method used		
Optional		
2.4.14 Favourable		
reference population	a) Number of individuals/agreed exceptions/other units	
	b) Operator	

	c) FRP is unknown (indicated by "true")	True
	d) Method used to set FRP	
2.4.15 Reason for change Is the difference between the value reported at 2.4.1 or 2.4.2 and the previous reporting round mainly due to:	a) Genuine change?	False
	b) Improved knowledge/ more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.5 Habitat for the species		
2.5.1 Area estimation		
2.5.2 Year or period		
2.5.3 Method used Habitat for the species	Absent data	
2.5.4 Quality of the habitat	a) Habitat quality	Unknown
	b) Assessment method	
2.5.5 Short-term trend Period	2001-2012	
2.5.6 Short-term trend Trend direction	unknown	
2.5.7 Long-term trend Period	1988-2012	
Optional		
2.5.8 Long-term trend Trend direction	unknown	
Optional		
2.5.9 Area of suitable habitat for the species	a) Value in km²	

	b) Absence of data indicated as '0'	
2.5.10 Reason for change Is the difference between the value reported at 2.5.1 and the previous reporting round mainly due to	a) Genuine change?	False
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.6 Main pressures		
a) Pressure	b) Ranking	c) Pollution qualifier
	H = high importance (max 5 entries) M = medium importance L = low importance	

2.6.1 Method used – Pressures	

2.7 Threats		
a) Threat	b) Ranking	c) Pollution qualifier
	H = high importance (max 5 entries) M = medium importance L = low importance	

2.7.1 Method used – Threats	

2.8 Complementary information	
2.8.1 Justification of % thresholds for trends	
2.8.2 Other relevant information	
2.8.3 Trans-boundary assessment	

2.9 Conclusions (<i>assessment of conservation status at end of reporting period</i>)		
2.9.1 Range	a) Conclusion	Unknown
	b) Qualifier	
2.9.2 Population	a) Conclusion	Unknown
	b) Qualifier	
2.9.3 Habitat for the species	a) Conclusion	Unknown
	b) Qualifier	
2.9.4 Future prospects	a) Conclusion	Unknown
	b) Qualifier	
2.9.5 Overall assessment of Conservation Status	Unknown	
2.9.6 Overall trend in Conservation Status		

3 Natura 2000 coverage & conservation measures - Annex II species
(only applies to species listed under Annex II of the Directive)

3.1 Population

3.1.1 Population size Estimation of population size included in the SAC network	a) Unit	
	b) Minimum	
	c) Maximum	
3.1.2 Method used		
3.1.3 Trend of population size within the network (short-term trend) Optional		

3.2 Conservation measures

Conservation measures taken (i.e. already being implemented) within the reporting period and provided information about their importance, location and evaluation.

3.2.1 Measure	3.2.2 Type					3.2.3 Ranking H = high importance M = medium importance L = low importance	3.2.4 Location where the measure is PRIMARILY applied			3.2.5 Broad evaluation of the measure					
	a) Legal/statutory	b) Administrative	c) Contractual	d) Recurrent	e) One-off		a) Inside	b) Outside	c) Both inside & outside	a) Maintain	b) Enhance	c) Long term	d) No effect	e) Unknown	f) Not evaluated