

**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:

S2028 - False killer whale (*Pseudorca crassidens*)

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	S2028
	0.2.2 Species scientific name	<i>Pseudorca crassidens</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>False</p> <p>Reid et al. (2003) map the sighting locations of false killer whales recorded around the UK. The records were compiled in the Joint Cetacean Database and published in the Cetacean Atlas.</p> <p>There have been 5 sightings in UK waters, between 1976 and 1991, all between July and November (Evans et al., 2003). These were mostly around northern Scotland, including a large pod of 100-150 whales east of Orkney in 1981. There were 3 mass strandings of this species between 1927 and 1935, but there have been no strandings since (Reid et al., 2003; Deaville and Jepson, 2011).</p>		
1.1.5 Range map	False		

2.1 Biogeographical region & marine regions	<p>MATL</p> <p>The false killer whale is widely distributed, but nowhere abundant, in tropical, subtropical and temperate seas, although it generally does not range beyond 50 degrees latitude in either hemisphere (Jefferson et al. 1993). In the northeast Atlantic, most records are from the Bay of Biscay and further south. The preferred habitat of this species is deep waters, usually offshore but also coastal and in semi-enclosed seas including the Mediterranean and Red Sea (Culik, 2011).</p>
2.2 Published sources	<p>Culik, B. M. 2011. Odontocetes -The toothed whales. CMS Technical Series No. 24.</p> <p>Deaville, R. And Jepson, P. D. (Eds). 2011. Final Report for the</p>

	<p>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. & Baines, M.E., 2003. UK Cetacean Status Review. Report to English Nature and the Countryside Council for Wales. 159pp</p> <p>Jefferson, T. A., Leatherwood, S. & Webber, M. A. 1993. FAO Species identification guide. Marine mammals of the world. UNEP/FAO, Rome, 320pp.</p> <p>Reid, J.B., Evans, P.G.H. & Northridge, S.P., 2003. Atlas of cetacean distribution in north-west European waters. Joint Nature Conservation Committee, Peterborough.</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	<table border="1"> <tr> <td style="background-color: #e0e0e0;">a) Minimum</td> <td></td> </tr> <tr> <td style="background-color: #e0e0e0;">b) Maximum</td> <td></td> </tr> </table>	a) Minimum		b) Maximum	
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	<table border="1"> <tr> <td style="background-color: #e0e0e0;">a) Minimum</td> <td></td> </tr> <tr> <td style="background-color: #e0e0e0;">b) Maximum</td> <td></td> </tr> </table>	a) Minimum		b) Maximum	
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 reported value in 2.3.1 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

2.4 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 Trend direction	unknown	
2.4.8 Short-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.9 Short-term trend Method used	Absent data	
2.4.10 Long-term trend – Period Optional	1988-2012	
2.4.11 Long-term trend Trend direction Optional	unknown	
2.4.12 Long-term trend Magnitude Optional	a) Minimum	

	b) Maximum	
	c) Confidence interval	
2.4.13 Long term trend Method used Optional	Absent data	
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 Optional	1988-2012	
2.5.8 Long-term trend Trend direction Optional	unknown	
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

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