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:

S1348 - Northern right whale *Eubalaena glacialis*

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

Field name	*Brief explanations*	
0.2 Species	**0.2.1 Species code**	**S1348**
	0.2.2 Species scientific name	***Eubalaena glacialis***
	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	**False** Reid et al. (2003) map the sighting locations of North Atlantic right whales recorded around the UK. The records were compiled in the Joint Cetacean Database and published in the Cetacean Atlas (Page 23, http://jncc.defra.gov.uk/PDF/CetaceansAtlas_web.pdf).
1.1.5 Range map	**False**

2.1 Biogeographical region & marine regions	**MATL**
2.2 Published sources	**"Clapham, P. J., Young, S. B. and Brownell, R. L. 1999. Baleen whales: conservation issues and the status of the most endangered populations. Mammal Review. 29 (1): 35–60.** **Evans, P.G.H. 1992. Status Review of Cetaceans in British and Irish waters. Report to UK department of the Environment,. Sea Watch Foundation, Oxford. 100pp.** **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.** **Jacobsen, K.O., Marx, M. and Øien, N. 2004. Two-way trans-Atlantic migration of a North Atlantic right whale (Eubalaena glacialis). Mar.Mammal Sci. 21(1): 161–66.**

	Knowlton, A.R., Kraus, S.D. and Kenney, R.D. 1994. Reproduction in North Atlantic right whales (Eubalaena glacialis). Canadian Journal of Zoology. 72: 1297–1305. **Knowlton, A. R. And Kraus, S. D. 2001. Mortality and serious injury of northern right whales (Eubalaena glacialis) in the western North Atlantic Ocean. Journal of Cetacean Research and Management. Special Issue 2: 193–208.** **Kraus, S.D. and Rolland, R.M. (eds.). 2007. The Urban Whale: North Atlantic Right Whales at the Crossroads. Harvard University Press, Cambridge, UK and Massachusetts, USA.** **Perry, S. L., Demaster, D. P. and Silber, G. K. 1999. The great whales: history and status of six species listed as Endangered under the U.S. Endangered Species Act of 1973. Marine Fisheries Review. 61(1): 1-74.** **Pettis, H. 2009. North Atlantic right whale consortium annual report card (01 November 2007 – 30 April 2009). Paper SC/61/BRG11 presented to the IWC Scientific Committee, June 2009, Madeira, Portugal (unpublished). 7pp.** **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.** **Silva, M. A., Steiner, L., Cascão, I., Cruz, M. J., Prieto, R., Cole, T., Hamilton, P. K. and Baumgartner, M. 2012. Winter sighting of a known western North Atlantic right whale in the Azores. Journal of Cetacean Research and Management. 12(1): 65–69."**

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 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 *(if 2.4.1 filled in)*	**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	**a) Genuine change?**	**False**

reporting round mainly due to:	**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	
XE: Threats and pressures from outside the EU territory	H	

The most serious current threat is death or injury from entanglements in fishing gear and collisions with ships off the eastern coast of North America (Knowlton and Kraus, 2001; Kraus and Rolland, 2007).	
2.6.1 Method used – Pressures	**based exclusively or to a larger extent on real data from sites/occurrences or other data sources**

2.7 Threats		
a) Threat	**b) Ranking**	**c) Pollution qualifier**
	H = high importance (max 5 entries) M = medium importance L = low importance	
XE: Threats and pressures from outside the EU territory	H	

2.7.1 Method used – Threats	**expert opinion**

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 *(assessment of conservation status at end of reporting period)*		
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**