Hornsea Offshore Wind Farm

Project Two

Comparison of Flight Height Recording Bands

Appendix L to the Response submitted for Deadline III

Application Reference: EN010053

24 September 2015

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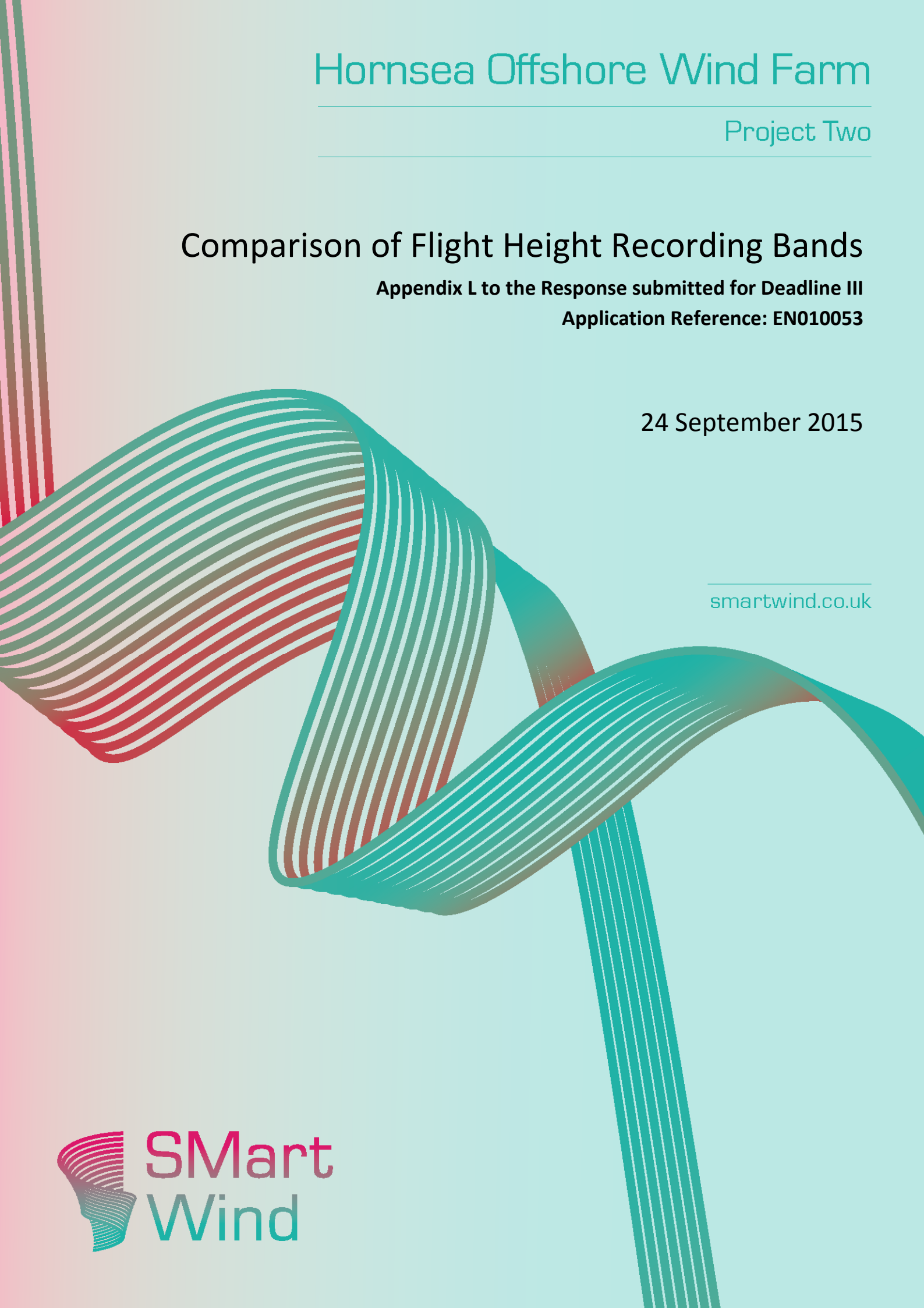

SMart Wind

Review of flight heights used in recent offshore wind farm seabird baseline surveys

Site	Dates of surveys	Surveyor	Flight bands
Atlantic Array	April 2009-March 2011	ECON	<20 m, 20-120 m, >120 m
Beatrice	October 2009 – September 2011	IECS	<20 m, 20-150 m, 150-200m and >200 m
Burbo Bank Extension	April 2011 – September 2011	CMACS	0-30 m, 31-140 m and greater than 140 m
Dogger Bank: Creyke Beck A&B Teesside A&B	 Jan 2010 – Jan 2012 Jan 2010 – Jun 2012	Gardline	Varied over time: Up to 2010: 0-20m; 20 – 180m; >180M 2010-2011: 0-20m; 20-25m; 20-180m; >180m 2011 onwards: 0-20m; 20-25m; 25 – 50m; 20-180m; >180m (the 20-25m band was added to better record flight heights of birds around the rotor swept area, including gulls)
East Anglia ONE	May 2010 – April 2011	IECS	Apparently not recorded in bands
Galloper	2008-10	ESS	Nearest 5m band from 5-40m; nearest 10m band from 40-100m
Hornsea P1	March 2010 – February 2012	Cork Ecology	Nearest 5 m band
Inch Cape	September 2010 – September 2012	Natural Power	5 m bands up to 50 m then 10 m bands up to 100 m and then 50 m bands
MORL	April 2010 – March 2012	Natural Power	<5 m, 5-10 m, 10-20 m, 20-200 m, 200-300 m and >300 m
Navitus Bay	Dec 2009 – Nov 2011	ESS	Nearest 5m band (e.g. 2.5 to 7.4m)
Neart na Gaoithe	November 2009 – October 2011	Cork Ecology	Nearest 5m band up to lowest rotor height (22.5 m) then above 22.5 m
Rampion	March 2010 (2 years)	ESS	0-2m; 2-10m; 10-25m; 25-50m; 50-100m; 100-200m; >200m
Seagreen	December 2009-November 2011	ECON	<20 m, 20-120 m >120 m
Triton Knoll	Jan 2008 – Dec 2009	ECON	0m, 20m, 20 – 120m, >120m
Walney Extension	June 2011 – November 2012	CMACS	Initial surveys – 0-30 m, 30-140 m and 140+ m From March 2012 onwards – 0-22 m, 22-30 m, 30-222 m, 222+ m