

**Appendices I-IV to
Proof of Evidence
of Dr. John Underhill-Day
for the
Royal Society for the Protection of Birds**

22nd December 2010

Town & Country Planning Act 1990 (as amended)

In the matter of:

**Planning Applications for Construction of a runway extension and erection of a
terminal building at London Ashford Airport, Lydd, Kent**

**Planning Inspectorate Refs: APP/L2250/V/10/2131934
 APP/L2250/V/10/2131936**



Appendices I-IV

- Appendix I
- Figure 1. Dungeness, Romney Marsh and Rye Bay SSSI (whole extent)
 - Figure 2. Dungeness, Romney Marsh and Rye Bay SPA and pSPA (whole extent)
 - Figure 3. Dungeness Romney Marsh and Rye Bay pRamsar (whole extent)
 - Figure 4. Dungeness Romney Marsh and Rye Bay SSSI (around airport site)
 - Figure 5. Dungeness Romney Marsh and Rye Bay SPA and pSPA (around airport site)
 - Figure 6. Dungeness Romney Marsh and Rye Bay pRamsar (around airport site)
 - Figure 7. Romney Marsh Natural Area
 - Figure 8. WeBS sectors
 - Figure 9. Notable locations a
- Appendix II
- Bird Survey Email dated 2005
- Appendix III
- Dungeness Bird Observatory Reports 2000 and 2001
- Appendix IV
- Scientific References
- Tab 1 Belanger, L. & Bedard, J. (1989) Responses of staging greater snow geese to human disturbance. *Journal of Wildlife Management*, **53**, 713-719.
 - Tab 2 Belanger, L. & Bedard, J. (1990) Energetic cost of man-induced disturbance to staging snow geese. *Journal of Wildlife Management*, **54**, 36-41.
 - Tab 3 Brumm, H. (2004) The impact of environmental noise on song amplitude in a territorial bird. *Journal of Animal Ecology*, **73**, 434-440.
 - Tab 4 Chown, D. (2003). Night time use of the Somerset Levels and Moors by waterfowl: final report winters 2001/02 and 2002/03. English Nature, Peterborough.
 - Tab 5 Drewitt, A. (1999). Disturbance effects of aircraft on birds. English Nature, Peterborough.
 - Tab 6 Durman, R. (1976) *Bird observatories in Britain and Ireland* Poyser, Berkhamsted.
 - Tab 7 Eaton, M., Brown, A., Noble, D., Musgrove, A., Hearn, R., Aebischer, N., Gibbons, D., Evans, A.D., & Gregory, R. (2009) Birds of conservation concern 3: the population status of birds in the United Kingdom, Channel Islands and the Isle of Man. *British Birds*, **102**, 296-341.
 - Tab 8 Fuller, A., Warren, P., & Gaston, K. (2007) Daytime noise predicts nocturnal singing in urban robins. *Biology Letters*, **3**, 368-370.
 - Tab 9 Gillings, S., Fuller, R., & Sutherland, W. (2005) Diurnal studies do not predict nocturnal habitat choice and site selection of European golden plovers and northern lapwings. *The Auk*, **122**, 1249-1260.
 - Tab 10 Habib, L., Bayne, E., & Boutin, S. (2007) Chronic industrial noise affects the pairing success and age structure of ovenbirds *Seiurus aurocapilla*. *Journal of Applied Ecology*, **44**, 176-184.
 - Tab 11 Liley, D., Sharp, J., & Underhill-Day, J.C. (2008). Comparison of the abundance and distribution of birds along the northern shore of Poole Harbour by day and by night. Report to Natural England. Footprint Ecology, Wareham.

- Tab 12 McMinn, S. (1989) Migration studies at Dungeness Bird Observatory. *Botanical Journal of the Linnean Society*, **101**, 79-89. **(to follow)**
- Tab 13 Mosbech, A. & Boertmann, D. (1999) Distribution, abundance and reaction to aerial surveys of post-breeding King eider (*Somateria spectabilis*) in Western Greenland. *Arctic*, **52**, 188-203.
- Tab 14 Newton, I. (2010) *Bird migration* Harper Collins, London.
- Tab 15 Patricelli, G. & Blickley, J. (2006) Avian communication in urban noise: causes and consequences of vocal adjustment. *The Auk*, **123**, 639-649.
- Tab 16 Reijnen, R. & Foppen, R. (1991) Effect of road traffic on the breeding site-tenacity of male willow warblers (*Phylloscopus trochilus*). *Journal of Ornithology*, **132**, 291-295.
- Tab 17 Reijnen, R., Foppen, R., & Meeuwsen, H. (1996) The effects of traffic on the density of breeding birds of Dutch agricultural grasslands. *Biological Conservation*, **75**, 255-260.
- Tab 18 Rheindt, F.E. (2003) The impact of roads on birds: Does song frequency play a role in determining susceptibility to noise pollution. *Journal Fur Ornithologie*, **144**, 295-306.
- Tab 19 Scott, R.E., Roberts, L.J., & Cadbury, C. (1972) Bird deaths from power lines at Dungeness. *British Birds*, **65**, 273-286.
- Tab 20 Swaddle, J.P. & Page, L.C. (2007) High levels of environmental noise erode pair preferences in zebra finches: implications for noise pollution. *Animal Behaviour*, **74**, 363-368.
- Tab 21 Ward (1988) **(to follow)**
- Tab 22 Ward DH, Stehn RA, Erickson WP and Derksen DV (1999) Response of fall-staging and Canada geese to aircraft overflights in southwestern Alaska. *Journal of Wildlife Management* 63(1): 373-381