

***AMBIO***

**Electronic Supplementary Material**

*This supplementary Material has not been peer reviewed.*

**Title: Developing an automated risk management tool to minimize bird and bat mortality at wind facilities**

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SUPPLEMENTARY MATERIAL

Table S1 Bat species of Delaware and North American bat species known to be active offshore in the U.S. Atlantic Region (Pelletier et al. 2013; Peterson et al. 2014).

Common Name	Scientific Name	Known Location	
		Delaware	Offshore U.S. Atlantic Region
Eastern red bat	<i>Lasiurus borealis</i>	X	X
Hoary bat	<i>Lasiurus cinereus</i>	X	X
Silver-haired bat	<i>Lasionycteris noctivagans</i>	X	X
Big brown bat	<i>Eptesicus fuscus</i>	X	X
Tri-colored bat	<i>Perimyotis subflavus</i>	X	X
Little brown bat	<i>Myotis lucifugus</i>	X	
Northern long-eared bat	<i>Myotis septentrionalis</i>	X	
Evening bat	<i>Nycticeius humeralis</i>	X	
Seminole bat	<i>Lasiurus seminolus</i>		X

Table S2 Complete data on bat passes recorded over 4 days by the thermographic video cameras during the ATOM test deployment at UD-Lewes (July–August 2011)

Date (YYYY-MM-DD)	Start Time	Flight Altitude (m)	Mean Bearing (degrees and compass)	Velocity (m s <sup>-1</sup> )
2011-08-13	20:59:28.066	Data Not Available	52.79 ENE	Data Not Available
2011-08-13	21:01:04.561	41.9	12.02 NNE	6.4
2011-08-13	21:11:51.759	54.4	18.26 NNE	8.1
2011-08-13	21:56:31.198	Data Not Available	79.17 ENE	Data Not Available
2011-08-13	22:14:19.231	Data Not Available	40.48 NNE	Data Not Available
2011-08-13	23:04:53.330	18	40.78 NNE	3.3
2011-08-13	23:57:31.330	44	19.95 NNE	6.8
2011-08-14	01:53:39.792	Data Not Available	37.19 NNE	Data Not Available
2011-08-14	01:53:41.231	Data Not Available	9.41 NNE	Data Not Available
2011-08-14	01:53:51.429	44.2	1.74 NNE	7.0
2011-08-14	20:56:51.429	43.4	6.73 NNE	5.4
2011-08-15	01:20:09.330	73.3	5.36 NNE	7.7
2011-08-15	02:09:30.561	Data Not Available	6.32 NNE	Data Not Available
2011-08-15	02:31:32.363	Data Not Available	40.32 NNE	Data Not Available
2011-08-15	02:59:31.759	Data Not Available	40.32 NNE	Data Not Available