



# Dudgeon and Sheringham Shoal Offshore Wind Farm Extensions

Preliminary Environmental Information Report

**Volume 3**

**Appendix 26.15** - Pedestrian and Cycle Delay Assessment

April 2021

Title:	
<b>Dudgeon and Sheringham Shoal Offshore Wind Farm Extensions Preliminary Environmental Information Report Appendix 26.15 Pedestrian and Cycle Delay Assessment</b>	
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**Table A26.15.1: Pedestrian and Cycle Delay**

Link	Speed	Survey Type	Year	2025 AADT Total Vehicle Reference Flows	2020 Surveyed Peak Hour (8am to 9am) Flows	Peak Hour (8am to 9am) Factor	Covid Factor	TEMpro Growth Rates (2020 - 2025)	2025 Peak Hour Flows (Including Covid Factor and TEMpro Growth)	Pedestrian and Cycle Delay (seconds) without Construction Flows	2025 Peak Hour Total Vehicle Construction Flows	2025 Peak Hour Reference Flows and Construction Flows	Pedestrian and Cycle Delay (seconds) with Construction Flows	Change in Delay (seconds)
1	40	Dft - AADT	2018	17,776		n/a			1203	7.86	161	1363	9.74	1.88
2	30,60	Dft - AADT	2018	8,658		n/a			586	2.82	121	707	3.54	0.71
4	30 - 60	Dft - AADT	2018	9,530		n/a			645	3.16	123	768	3.95	0.79
7	24.2	DEP & SEP ATC	2020	827	54	15.32	1.14	1.09695	67	1.28	95	162	1.38	0.10
8	24.2	DEP & SEP ATC	2020	827	54	15.32	1.14	1.09695	67	1.28	96	163	1.38	0.10
9	20, 60	Dft - AADT	2018	3,621		n/a			245	1.53	109	354	1.83	0.30
10	22.3	DEP & SEP ATC	2020	1,273	43	29.60	1.14	1.09695	54	1.27	93	147	1.36	0.09
11	30 - 60	HP3 ATC	2017	5,023		n/a			340	1.79	104	443	2.16	0.37
12	30.1	DEP & SEP ATC	2020	1,008	45	22.39	1.14	1.09695	56	1.27	95	151	1.36	0.09
23	30	Dft - AADT	2018	21,008		n/a			1421	10.47	35	1456	10.93	0.45
24	30	Dft - AADT	2018	36,217		n/a			2450	28.64	71	2521	30.26	1.62
27	40,50	Dft - AADT	2018	18,985		n/a			1285	8.78	24	1308	9.07	0.28
28	30 - 60	Dft - AADT	2018	10,109		n/a			684	3.39	24	708	3.54	0.15
29	30 - 60	Dft - AADT	2018	11,761		n/a			796	4.15	22	818	4.31	0.16
52	60	NV ATC	2017	4,366		n/a			295	1.66	44	340	1.79	0.13
54	60	Dft - AADT	2018	5,264		n/a			356	1.84	135	491	2.36	0.52
55	24	DEP & SEP ATC	2020	1,089	8	13.56	0.98	1.09695	9	1.26	92	101	1.31	0.05
56	60	Dft - AADT	2018	5,264		n/a			356	1.84	132	488	2.34	0.51
58	39.5	DEP & SEP ATC	2020	1,101	70	15.73	1.17	1.09695	90	1.30	99	189	1.42	0.13
60	23.5	DEP & SEP ATC	2020	1,836	125	14.69	1.17	1.09695	161	1.38	99	260	1.57	0.19
61	23.7	DEP & SEP ATC	2020	31	0	0.00	1.17	1.09695	0	1.26	94	94	1.30	0.04
63	38.7	DEP & SEP ATC	2020	1,078	73	14.77	1.17	1.09695	94	1.30	95	189	1.42	0.12
64	24.2	DEP & SEP ATC	2020	252	20	12.61	1.17	1.09695	26	1.26	95	121	1.33	0.06
65	36.9	DEP & SEP ATC	2020	221	21	10.54	1.17	1.09695	27	1.26	95	122	1.33	0.06
66	24.2	DEP & SEP ATC	2020	252	20	12.61	1.17	1.09695	26	1.26	13	38	1.27	0.00
82	35.2	DEP & SEP ATC	2020	344	32	10.74	0.98	1.09695	34	1.27	94	129	1.34	0.07
83	23.8	DEP & SEP ATC	2020	2,643	188	14.06	0.98	1.09695	202	1.45	98	300	1.67	0.22
84	25.5	DEP & SEP ATC	2020	30	2	15.03	0.98	1.09695	2	1.26	94	96	1.30	0.04
90	60	HP3 ATC	2019	220		n/a			15	1.26	94	109	1.31	0.05
93	36.1	DEP & SEP ATC	2020	694	70	9.91	0.98	1.09695	47	1.27	95	142	1.35	0.08
100	60	Dft - AADT	2018	14,272		n/a			966	5.51	102	1068	6.46	0.94
102	19.9	DEP & SEP ATC	2020	219	11	19.93	1.14	1.09695	14	1.26	95	108	1.31	0.05
109	41.8	DEP & SEP ATC	2020	798	66	12.08	0.98	1.09695	71	1.28	2	73	1.28	0.00
110	41.8	DEP & SEP ATC	2020	798	66	12.08	1.16	1.09695	84	1.29	94	179	1.41	0.11
116	34.7	DEP & SEP ATC	2020	647	52	12.45	1.16	1.09695	66	1.28	93	159	1.38	0.10
117	33.4	DEP & SEP ATC	2020	1,070	77	13.90	1.16	1.09695	98	1.30	95	193	1.43	0.13
123	30, 60	HP3 ATC	2017	9,314		n/a			630	3.07	260	890	4.87	1.80
124	60	HP3 ATC	2019	8,923		n/a			604	2.92	260	864	4.66	1.74
125	60	Dft - AADT	0	24,018		n/a			1625	13.30	265	1890	17.54	4.24
126	30	Dft - AADT	2018	5,264		n/a			356	1.84	116	473	2.28	0.44
128	60	Dft - AADT	2018	333		n/a			23	1.26	269	292	1.65	0.39
130	66	DEP & SEP ATC	2020	166	11	15.13	0.98	1.09695	12	1.26	94	105	1.31	0.05
131	60	Dft - AADT	2008	2,051		n/a			139	1.35	95	233	1.51	0.16
132	40	HP3 ATC	2018	1,020		n/a			69	1.28	23	92	1.30	0.02
138	30, 60	Dft - AADT	2008	301		n/a			20	1.26	94	115	1.32	0.06
140	60	Dft - AADT	2008	301		n/a			20	1.26	94	114	1.32	0.06
141	50	Dft - AADT	2019	9,352		n/a			633	3.09	13	646	3.16	0.07
142	33.1	DEP & SEP ATC	2020	146		n/a			12	1.26	18	30	1.26	0.00
143	60	Dft - AADT	2019	1,689	11	13.28	0.98	1.09695	114	1.32	9	124	1.33	0.01
144	35.2	DEP & SEP ATC	2020	408	32	12.74	1.16	1.09695	41	1.27	93	134	1.34	0.07
147	29.1	DEP & SEP ATC	2020	67	3	22.19	0.98	1.09695	3	1.26	33	36	1.27	0.01
148	29.1	DEP & SEP ATC	2020	67	3	22.19	0.98	1.09695	3	1.26	94	97	1.30	0.04
152	60	DEP & SEP ATC	2020	796	59	13.50	1.16	1.09695	94	1.27	94	148	1.36	0.09
153	41	DEP & SEP ATC	2020	1,589	104	15.28	0.98	1.09695	112	1.32	21	132	1.34	0.02
154	29.3	DEP & SEP ATC	2020	647	52	12.45	1.16	1.09695	44	1.27	94	138	1.35	0.08
156	25.8	DEP & SEP ATC	2020	30	2	15.03	0.98	1.09695	2	1.26	94	96	1.30	0.04

Min PH Factor	9.91
Max PH Factor	29.60
Avg PH Factor	14.78

- Key**
- AADT: Annual Average Daily Traffic
  - ATC: Automatic Traffic Count
  - DEP: Dudgeon Extension Projects
  - Dft: Department for Transport
  - HP3: Hornsea Project Three
  - NV: Norfolk Vanguard
  - SEP: Sheringham Extension Projects