

Hornsea Project Three
Offshore Wind Farm



Hornsea Project Three Offshore Wind Farm

Environmental Statement:
Volume 6, Annex 7.7 – Traffic Flows with Construction Traffic

PINS Document Reference: A6.6.7.7
APFP Regulation 5(2)(a)

Date: May 2018

Hornsea 3
Offshore Wind Farm

Orsted

Environmental Impact Assessment

Environmental Statement

Volume 6

Annex 7.7 – Traffic Flows with Construction Traffic

Report Number: A6.6.7.7

Version: Final

Date: May 2018

This report is also downloadable from the Hornsea Project Three offshore wind farm website at:

www.hornseaproject3.co.uk

Ørsted,
5 Howick Place,
London, SW1P 1WG

© Orsted Power (UK) Ltd, 2018. All rights reserved

Front cover picture: Kite surfer near a UK offshore wind farm © Orsted Hornsea Project Three (UK) Ltd., 2018.

Liability

This report has been prepared by RPS, with all reasonable skill, care and diligence within the terms of their contracts with Orsted Power (UK) Ltd.

Prepared by: RPS

Checked by: Sarah Drjaca

Accepted by: Stuart Livesey

Approved by: Stuart Livesey

Table of Contents

1.	Traffic Flows with Construction Traffic	1
1.1	Introduction	1

List of Tables

Table 1.1:	Annual average daily two-way traffic flows (AADT) (baseline plus construction).....	1
------------	---	---

1. Traffic Flows with Construction Traffic

1.1 Introduction

1.1.1.1 This annex provides the 2017 traffic flows (see annex 7.3: Base Traffic Flows) “growthed” to the year in which construction is expected to be at its peak (assumed to be 2022) with the construction traffic potentially generated as a result of Hornsea Three, which has informed the assessment presented in volume 3, chapter 7: Traffic and Transport.

Table 1.1: Annual average daily two-way traffic flows (AADT) (baseline plus construction).

Link Reference	Description	Annual Average Daily (24 hours) Two-way Traffic Flow (AADT)	
		Total Movements ^a	HGV Contribution
31	A148, west of The Street and east of Green Lane	14425	1216
32	A148 west of Holt and east of Letheringsett	11983	1068
36	A148, east of the B1149 roundabout and west of Station Road	12623	909
50	B1354 between the Swanton Road junction and B1110 junctions	4037	292
54, 55	B1354 east of Melton Constable and west of Briston	5598	405
59	B1149 at Edgefield, north of the village hall and south of Hempstead Road	5047	547
37	A148 at High Kelling, south of Kelling Hospital	14274	990
40	A148, east of Bodham and west of the Woodlands Leisure centre	13920	1152
42, 43	A148, west of the B1436 junction and east of the Lion's Mouth junction	15163	1140
190	B1436, east of Felbrigg	10482	982

Link Reference	Description	Annual Average Daily (24 hours) Two-way Traffic Flow (AADT)	
		Total Movements ^a	HGV Contribution
49	A140, south of Roughton and north of the Topshill Road junction	12858	1088
1	A149 west of Weybourne and east of The Pheasant Hotel	3567	24
2	A149 east of Weybourne, west of the North Norfolk Railway Line	5125	254
81	A1067, north of Bridge Road and east of Little Ryburgh	9736	756
84	B1145 at Bawdeswell, between The Street junction and Hall Road junction	3390	128
86	B1145, west of Reepham and east of the Old Lane junction	2980	113
88, 89	B1145 east of Cawston, west of the B1149 crossroads	4099	506
78	B1145 east of the B1149 crossroads junction, west of Cawston Park Hospital	4916	163
118	A140, south of Aylsham's B1145 / A140 roundabout, and north of Marsham	16510	1245
112	A1067, between Attlebridge and the Fir Covert Road junction	9626	982
145	A140 between the A47 and B1113 junctions	25714	1842
146	B1113, south of the A47 near Norwich Sports ground	9693	829
129	A47 at Honingham (Highways England)	30517	3340
157	A47 at Bawburgh (Highways England)	48730	3847
147	A47 at Intwood (Highways England)	58972	5072
153	A11 at Hethersett (Highways England)	54063	4805

Link Reference	Description	Annual Average Daily (24 hours) Two-way Traffic Flow (AADT)	
		Total Movements ^a	HGV Contribution
144	A47, between A140 and A146 junctions	55892	3549
197	A1065, North of Swaffham	8689	789
195	A1065, east of Weasenham	5933	595
5	A1082, South of Sheringham	9141	340
200	A1270 Northern Distributor Road between A1067 and B1149 junction	22138	1724
115	B1149 between A1270 Northern Distributor Road and Buxton Road junctions	12378	1155
201	A1270 Northern Distributor Road between B1149 and A140 junctions	26070	2216
203	A1270 Northern Distributor Road between A140 and A47 junctions	24027	2090
118	A140 between A1270 and B1145	15744	979
204	A1270 between A140 and A47 (Near junction with A47)	36460	2882
137	A47 East of A1270 junction	45898	3145

^a Total movements include vehicles of all classifications