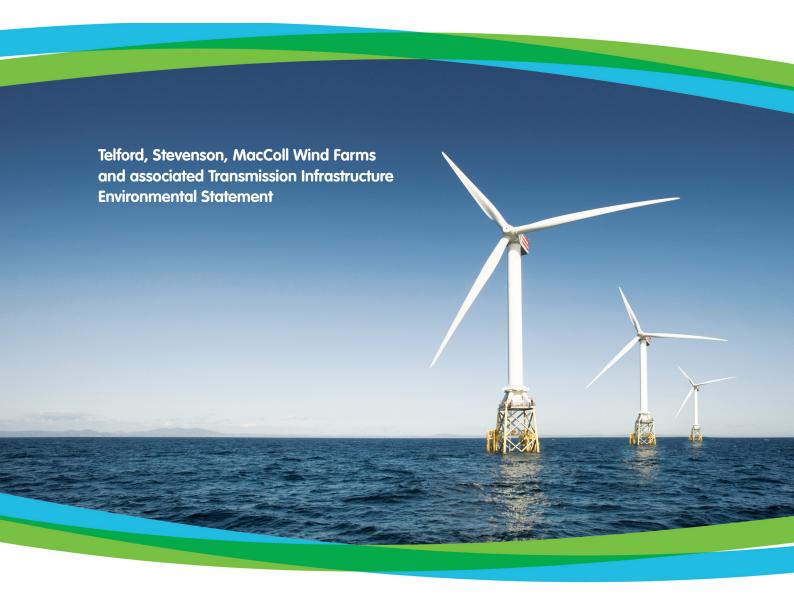
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Environmental Statement

Technical Appendix 5.7 B - Traffic Flow Data







Telford, Stevenson and MacColl Offshore Wind Farms and Transmission Infrastructure	
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Moray Offshore Renewables Limited - Environmental Statement

Appendix 10.7 B - Traffic Flow Data Conversion to AADT

Site 6 - A950 - West Peterhead

DMRB Volume 13 Economic Assessment of Roads Schemes, Section 1 The Coba Manual Part 4 - Traffic Input to COBA

Chapter 6 - Network Classification and Seasonality Index

Non Built-up Principal

SI 1.1

Chapter 9 - Conversion of Input Data to AAHT

AAHT = 16 Hour Flows x M Factor / 8760

AADT = AAHT x 24

M Factor = $a + (b \times SI)$

Section 9.9

a = 408

b = -57M = 345.3

Site 6	Eastbound	Westbound	Combined		
	No.	No.	No.	No. of HGV's	% HGV's
7-day AADT	3,149	3,164	6,314	369	6%
5-day AADT	3,387	3,406	6,792	460	7%

DMRB Volume 13 Economic Assessment of Roads Schemes, Section 1 The Coba Manual

Part 4 - Traffic Input to COBA

Chapter 6 - Network Classification and Seasonality Index

Non Built-up Principal

SI 1.1

Chapter 9 - Conversion of Input Data to AAHT

AAHT = 16 Hour Flows x M Factor / 8760

 $AADT = AAHT \times 24$

M Factor = $a + (b \times SI)$

Section 9.9

a = 297 b = 61

M = 364.1

Site 7	Northbound	Southbound	Combined		
	No.	No.	No.	No. of HGV's	% HGV's
7-day AADT	3,080	3,123	6,202	245	4%
5-day AADT	3,341	3,357	6,698	299	4%

Site 8 - A952 - South Mintlaw

DMRB Volume 13 Economic Assessment of Roads Schemes, Section 1 The Coba Manual

Part 4 - Traffic Input to COBA

Chapter 6 - Network Classification and Seasonality Index

Non Built-up Principal

SI 1.1

Chapter 9 - Conversion of Input Data to AAHT

AAHT = 16 Hour Flows x M Factor / 8760 AADT = AAHT x 24

M Factor = $a + (b \times SI)$

Section 9.9

a = 297b = 61

M = 364.1

Site 8	Northbound	Southbound	Combined		
	No.	No.	No.	No. of HGV's	% HGV's
7-day AADT	2,693	2,727	5,420	240	4%
5-day AADT	2.910	2.913	5.823	293	5%

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