



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement – Volume 3 – Appendix 2.2 Landfall Weighting

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations
2009 – Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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APPENDIX 2.2 LANDFALL WEIGHTING

- 1.1.1.1. The matrix of weightings, scores and site suitability for the potential Landing Site Categorisation is presented in Plate 1 below.

	Nature of beach	Back beach topography	Inland Access	Marine Approach	Total	Category
Weighting	2	2	1	3	Max 40	
West Bay	5	4	4	3	31	A/B
Freshwater Beach	5	4	3	3	30	A/B
Hive Beach	5	4	4	3	31	A/B
Cogden Beach	3	3	4	3	25	B
West Bexington	3	4	3	3	26	B
East Bexington	3	4	3	3	26	B
Weymouth	4	4	4	3	29	B
Overcombe	4	4	4	3	29	B
Ringstead	3	2	3	3	22	B/C
Worbarrow Bay	3	2	2	2	18	C
Swanage	4	4	4	3	29	B
Studland	4	4	4	3	29	B
Boscombe	5	2	4	2	24	B/C
Southbourne	5	3	4	2	26	B
Mudford	5	4	4	2	28	B
Highcliffe	5	2	3	1	20	B/C
Barton on Sea	5	2	3	3	26	B
Milford on Sea	5	3	3	3	28	B
Solent	4	4	2	1	21	B/C
Lepe	4	4	3	1	22	B/C
Lee on Solent	4	4	4	4	32	A/B
Browdown	4	4	4	4	32	A/B
Southsea	4	4	4	4	32	A/B
Hayling	4	4	4	4	32	A/B
East Wittering	4	4	4	4	32	A/B
Selsey	2	4	4	4	28	B
Pagham	4	4	4	3	29	B
Bognor Regis West	3	4	4	2	24	B/C
Bognor Regis East	3	4	4	4	30	A/B

Plate 1 - Landfall Weighting Matrix

1.1.1.2. The parameters are weighted in terms of their significance. The marine approach and marine landing have weightings of 3 and are considered the most critical parameters because if the cable cannot be safely routed to shore, the particular landing site cannot be considered further. The nature of the beach and back of beach topography parameters are weighted at 2 as these parameters could have a significant impact upon the cable landing operations but are not insurmountable and are less critical than the marine approach. Finally, the inland access is weighted at 1 as temporary access for operations can be created if the existing access is inadequate. The sites are then scored on a scale of 1-5 against each selection parameter listed above, 1 representing a lowest suitability, and 5 the best suitability for cable landing. Multiplying the weighting by the score then derives the site score for each selection parameter. The parameter scores are summed to attain an overall site score that represents the site suitability to cable landing.

1.1.1.3. Scores have been divided into the following categories as shown in Table 1.

Table 1 Score/Grade

Grade	Score
A	≥ 35
B/C	34 to 30
B	29 to 25
B/C	24 to 19
C	≤18

