

Marine Licence with introductory note

The Marine and Coastal Access Act (2009)

Licence Holder: Offshore Wind Consultants
Limited

Company Number: 07861245

Northern and Shell Building
10 Lower Thames Street
London
EC3R 6EN

*Ground Investigation Works, Geotechnical
survey to inform Project Erebus Floating
Offshore Wind Farm inter-array and export
cable route.*

Licence Number:
RML2281

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Ground Investigation Works, Geotechnical survey to inform Project Erebus Floating Offshore Wind Farm inter-array and export cable route.

Marine Licence number: RML2281

Introductory note

This introductory note does not form a part of the marine licence

The main features of the marine licence are as follows.

Ground Investigation Works and Geotechnical survey to inform Project Erebus Floating Offshore Wind Farm inter-array and export cable route.

The status log of the marine licence sets out the marine licence history, including any subsequent marine licence variation(s)

Status log of this marine licence		
Description	Date	Comments
Application	09 December 2022	Application received and considered to be duly made
Date licence determined	28 March 2023	Determination date

Related marine licences or applications under determination

Marine Licence or Application Number	Date	Comments
ORML2170	17 February 2023	Project Erebus Floating Offshore Wind Farm.

End of introductory note.

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MARINE LICENCE, NUMBER RML2281

1 LICENCE DETAILS

1.1 Marine Licence

This is a licence granted by the Licensing Authority in respect of an application numbered **RML2281** and duly made on **09 December 2022** and authorises the Licence Holder to carry on activities for which a licence is required under Part 4 of the Marine and Coastal Access Act 2009, (2009 Act). This licence should be interpreted in accordance with **Section 4**.

1.2 Licence Holder

The Licence Holder is the company set out below:

Company name: Offshore Wind Consultants Limited

Company number: 07861245

Address: Northern and Shell Building, 10 Lower Thames Street, London, EC3R 6EN.

1.3 Licence Validity

Licence Start Date	29 March 2023
Licence End Date	28 March 2024
Licence Issue Date	29 March 2023

1.4 Conditions

This licence is subject to the conditions set out in **Section 3**.

Signed:



Dr. Emmer Litt – Marine Licensing Team Leader

For and on behalf of the Licensing Authority

2 LICENSED ACTIVITIES

2.1 Project

Ground Investigation Works, Geotechnical survey to inform Project Erebus Floating Offshore Wind Farm inter-array and export cable route.

Ground investigation works via geotechnical samples are proposed to be collected to characterise the Project Erebus wind farm array area, export cable route in order to inform the cable protection and foundation design, foundation storage, WTG integration and installation strategy & design concept development.

The following Licensed Activities can be conducted within the Licence Period, within the Licensed Area and in accordance with the Approved Application and the Approved Supporting Documents:

Table 1 Licensed Activities

Activity 1 Vibrocore, push/piston and Geobor-S sampling.				
Type of Licensed Activity	Removal			
Description	This will include: Vibrocore samples, push/piston core samples and geobor-s samples to a depth of 10 m to 60 m at the offshore array area and up to 20 m along the Export Cable Corridor (ECC). Within the scope of works there will be up to 1,480 sediment samples within the array area, 230 sediment samples along the ECC. A total of 1710 samples will be taken with a total volume of 9.77m³.			
Material types to be removed or deposited	Silt/Stone and Rock/Gravel/Sand			
Quantities/Dimensions	Sample Type	Area	No. of Samples	Total volume of samples (m³)
	Type A – Push/Piston	Project Erebus Array Site	1260	6.27
	Type A – Geobor-S		120	0.80
	Type C - Vibrocore		100	0.82
	Type A – Geobor-S	Export Cable Corridor	80	0.65
	Type C - Vibrocore		150	1.23
	Total		1,710	9.77

2.2 Licensed Area

The Licence Holder is authorised to conduct the activities described in Table 1 bounded by the coordinates specified in Table 2 and as indicated in the plan attached at Appendix 1:

Table 2 Coordinates

Latitude	Longitude
Offshore boundary	
51.42496	-5.643798
51.492326	-5.647695
51.493771	-5.582943
51.46813	-5.56628
51.461735	-5.546769
51.4634	-5.4765
51.4643	-5.4395
51.4648	-5.4357
51.4719	-5.408
51.48	-5.3759
51.48087	-5.373037
51.482926	-5.37024
51.4844	-5.3694
51.5221	-5.3498
51.5242	-5.3469
51.547489	-5.304193
51.5593	-5.2824
51.5711	-5.2606
51.584526	-5.236081
51.604	-5.2001
51.605743	-5.197646
51.6082	-5.1964
51.6369	-5.1893
51.6414	-5.1842
51.6561	-5.1675
51.666119	-5.156051
51.666375	-5.155759
51.66695	-5.151785
51.667969	-5.150637
51.668627	-5.150043
51.66999	-5.148854
51.670318	-5.148545
51.670633	-5.148202
51.671938	-5.146677
51.672205	-5.146387
51.673257	-5.145319
51.673817	-5.144673
51.674891	-5.143273
51.675532	-5.142301
51.675814	-5.141774
51.676283	-5.141027
51.678032	-5.138331
51.67838	-5.137829
51.67871	-5.137433
51.681032	-5.135197

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51.681662	-5.134497
51.682274	-5.133596
51.683082	-5.132223
51.683958	-5.130733
51.684053	-5.131032
51.686603	-5.130995
51.688802	-5.131011
51.690614	-5.129341
51.693179	-5.123353
51.693196	-5.120867
51.690108	-5.120678
51.68887	-5.11047
51.687459	-5.107518
51.68698	-5.106517
51.685969	-5.106737
51.685118	-5.10764
51.685519	-5.111161
51.684556	-5.112357
51.684296	-5.122982
51.683355	-5.124604
51.683466	-5.129184
51.683524	-5.129368
51.681621	-5.132601
51.681145	-5.13331
51.680569	-5.133958
51.678241	-5.136199
51.677781	-5.13675
51.677406	-5.137292
51.675668	-5.139972
51.675254	-5.140616
51.674855	-5.141348
51.674324	-5.142151
51.673252	-5.143549
51.672776	-5.144098
51.671724	-5.145165
51.671411	-5.145507
51.670105	-5.147031
51.669853	-5.147306
51.66956	-5.147584
51.667854	-5.149073
51.667523	-5.149404
51.666443	-5.150622
51.66426	-5.150132
51.6579	-5.1574
51.6538	-5.1622
51.6391	-5.1789
51.6367	-5.1816
51.634974	-5.183299
51.6061	-5.1903
51.602781	-5.192425
51.581895	-5.230933
51.568121	-5.256326
51.556272	-5.278049
51.5445	-5.2998
51.5218	-5.3415
51.520256	-5.343858
51.5187	-5.3448
51.4978	-5.3556

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51.4782	-5.3659
51.4681	-5.4055
51.4604	-5.436
51.4594	-5.4762
51.457683	-5.543972
51.451461	-5.555459
51.447659	-5.552992
51.424304	-5.551689
51.425956	-5.599257

2.3 Approved Supporting Documents

Title/Description of Document	Date Submitted
RML2281 – marine-works-application-form-SIGNED_Erebus_GeotechSurveys_v2	12 January 2023
RML2281-ERE_Offshore_consent_boundary_UTM30N_20221013	02 December 2022
RML2281 - ERE_Offshore_Consent_Boundary_210629	02 December 2022
RML2281 – ERE_Offshore_consent_boundary_coords_WGS84_210629	02 December 2022
RML2281 – Geotechnical survey Erebus – additional information v2	12 January 2023
RML2281 – Technical Note Erebus Geotechnical Survey 2	12 January 2023
RML2281 – WFD Assessment Erebus Geotechnical Survey_v0.9	12 January 2023
RML2281 – WNMP signposting v2	12 January 2023
RML2281 Erebus_Arch_AEZ_TAEZ_List	22 March 2023

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RML2281 EIA AEZ_TAEZ Figures.zip	22 March 2023
RML2281 Technical Consultation Responses 01.03.23	01 March 2023

3 CONDITIONS

Notification and Inspection

3.1 Notification of Commencement

- 3.1.1 The Licence Holder must notify the Licensing Authority no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.
- 3.1.2 The Licence Holder must notify Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.
- 3.1.3 The Licence Holder must ensure that local mariners and fishermen's organisations are made fully aware of the Licensed Activities through local notices to mariners **10 days** prior to the commencement of the Licensed Activities.

3.2 Notification of Vessels and/or Vehicles

The Licence Holder must ensure that the details of the vessels and/or vehicles utilised to undertake the Licensed Activities are submitted to the Licensing Authority and Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) at least **24 hours** prior to the commencement of the Licensed Activities.

3.3 Notification of Agents/Contractors/Sub-contractors

The Licence Holder must ensure that details of any agent(s), contractor(s) or sub-contractor(s) utilised to undertake the Licensed Activities are submitted to the Licensing Authority at least **24 hours** prior to the commencement of Licensed Activities.

3.4 Notification of HM Coastguard

The Licence Holder must ensure that HM Coastguard is made aware of the Licensed Activities at least **24 hours** prior to commencement by contacting The National Maritime Operations Centre at zone28@hmcg.gov.uk.

3.5 Notification of Ministry of Defence (MoD) Safeguarding

The Licence Holder must ensure that Ministry of Defence safeguarding is made aware of Licensed Activities at least 10 days prior to commencement by contacting the MoD: DIO-Safeguarding-Offshore@mod.uk.

3.6 Notification of UKHO

The Licence Holder must ensure that notification is sent to The Source Data Receipt team, UK Hydrographic Office (email: sdr@ukho.gov.uk) at least **10 days** prior to commencement of the Licensed Activities. The information supplied must include the start date and end date, a description of the works, positions of the work area (WGS84), and details of any marking arrangements.

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3.7 Inspection of Licensed Activities

The Licence Holder must allow Marine Enforcement Officers or any other person authorised by the Licensing Authority to inspect the Works at any reasonable time.

3.8 Notification of Completion

3.8.1 The Licence Holder must notify the Licensing Authority within **10 days** of completion of the Licensed Activities.

3.8.2 The Licence Holder must notify Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) within **10 days** of completion of the Licensed Activities.

3.8.3 The Licence Holder must notify Ministry of Defence (MoD) Safeguarding within **10 days** of completion of the Licensed Activities.

3.9 Accident or Emergency

3.9.1 If, by reason of force majeure any substances or articles are deposited otherwise than as permitted as part of the Licensed Activities or in the Licensed Area full details of the circumstances shall be notified to the Licensing Authority within **48 hours** of the incident occurring.

3.9.2 If it is necessary for the Licence Holder to recover or remove any equipment, plant or machinery used to undertake the Licensed Activities that have been dropped as a result of an accident or emergency, the Licence Holder is permitted to do so provided that the methodology for such recovery or removal has been approved by the Licensing Authority.

3.10 Distribution of Copies of this Licence

The Licence Holder is required to ensure that a copy of this Licence is given to:

- All agent(s), contractor(s) and sub-contractor(s) whose names have been provided to the Licensing Authority under condition 3.3 and
- The Masters of any vessels and transport managers responsible for the vehicles employed in accordance with this Licence whose details have been submitted to the Licensing Authority under condition 3.2.

3.11 Inspection of Documents

Copies of this Licence shall be made available at the following locations:

- at the address of the Licence Holder specified in section 1.2;
- at any site office, located at or adjacent to the Licensed Area, used by the Licence Holder or its agent(s), contractor(s) or sub-contractor(s) responsible for the loading transportation or deposit of any substances or articles permitted as part of the Licensed Activities;

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- on board each vessel or vehicle carrying out Licensed Activities.

The documents referred to in this Condition shall be available at all reasonable times for inspection by officers appropriately authorised by the Licensing Authority and authorised Marine Enforcement Officers at the locations stated in that paragraph.

Vessels, Plant and Equipment

3.12 Notified Contractors, Vessels and/or Vehicles only to Carry out Licensed Activities

Only those agent(s), contractor(s), sub-contractor(s), vessels and/or vehicles whose details have been notified to the Licensing Authority may operate under the terms of this Licence. Any changes must be notified to and be approved by the Licensing Authority in writing prior to any such agent, contractor, subcontractors or vehicles carrying out any Licensed Activities pursuant to or otherwise operating under this Licence.

3.13 Refuelling of Plant and Equipment

The Licence Holder must ensure that plant, vehicles and machinery are not refuelled on the foreshore or in the sea.

3.14 Equipment, Structures and Access

The Licence Holder must ensure that all equipment, temporary structures, access tracks, waste and/or debris associated with the Licensed Activities are removed on completion of the Licensed activities.

Safety

3.15 Removal of Deposited Material

If the Licensing Authority considers it necessary or advisable for the safety of navigation, the Licence Holder must remove any deposit specified by the Licensing Authority or Marine Enforcement Officers within one month of notice being given by the Licensing Authority, and shall not replace such material until the Licensing Authority has given its written approval.

Pollution control

3.16 Pollution Prevention

The Licence Holder must ensure that pollution prevention best practice is adhered to at all times. Any incidents must be reported to the Licensing Authority as soon as possible using the hotline number **0300 065 3000**.

3.17 Spillage of Pollutants

The Licence Holder must employ bunding, storage facilities and spill kits to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Secondary containment must be used with a capacity of **no less than 110%** of the container's storage capacity

3.18 Prevention of Disposal of Man-made Debris

The Licence Holder must ensure that all reasonable precautions are taken to prevent the disposal of man-made debris to the marine environment. Such material must be removed immediately and be disposed of appropriately. If it is not possible to prevent manmade debris from entering the marine environment during the Licensed Activities, the Licensed Activities must cease immediately.

3.19 Cleanliness of Equipment

The Licence Holder must ensure that equipment, machinery and PPE are washed with freshwater and/or thoroughly airdried before deployment and before moving between locations.

Activity-specific Conditions

3.20 Protocol for Archaeological Discoveries

The Licence Holder must comply at all times with the Crown Estate's Offshore Renewables Protocol for Archaeological Discoveries. The protocol can be obtained by contacting: protocol@wessexarch.co.uk. A copy of the Protocol must be available to all contractors' personnel to ensure they are fully aware of the Protocol.

3.21 Reporting of Artefacts

The Licence Holder must ensure that any artefacts accidentally recovered are retained and reported through the Marine Portable Antiquities Scheme.

3.22 Archaeological Exclusion Zones (AEZ)

The Licence Holder is not permitted to conduct the Licensed Activities described in Table 1 within the Archaeological Exclusion Zones (AEZ) and Temporary Archaeological Exclusion Zones (TAEZ's) which are bounded by the coordinates detailed in Annex 2 without prior written approval from the Licensing Authority.

3.23 Sensitive Species

The Licence Holder must ensure that in the event of removal of sensitive Annex 1 habitats and sensitive section 7 and OSPAR habitats, no further removals occur at that location, or within 20 meters of that location.

4 INTERPRETATION

In this Licence terms are as defined in section 115 of the Marine and Coastal Access Act unless otherwise stated.

- (a) **"2009 Act"** means the Marine and Coastal Access Act 2009;
- (b) **"Approved Application"** means the Marine Licence Application Form together with the Approved Supporting Documents;
- (c) **"Approved Supporting Documents"** means the documents supporting, or supplementary to, the Approved Application, submitted prior to the Licence Issue Date, listed in the Table at paragraph 2.3 above;
- (d) **"Commencement"** means the first undertaking of any Licensed Activities;
- (e) **"Force majeure"** may be deemed to apply when, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the substances or articles because the safety of human life and/or of the vessel is threatened;
- (f) **"Licensed Activities"** means the activities authorised by this licence as specified in 2.1;
- (g) **"Licensed Area"** means the area within which Licensed Activities are authorised by this licence as specified in section 2.2;
- (h) **"Licence Holder"** means the person(s) or organisation(s) named in section 1.2 to whom this licence is granted;
- (i) **"Licence Period"** means the period beginning with the Licence Start Date and ending on the Licence End Date;
- (j) **"Licensing Authority"** means Natural Resources Wales acting on behalf of the Welsh Ministers;
- (k) **"Marine Enforcement Officers"** means the relevant officers appointed by Welsh Ministers under section 235 of the 2009 Act, contact details for whom are provided in section 5;
- (l) **"Marine Licence Application Form"** means the application form forming part of the application referred to in paragraph 1.1;

- (m) **“Method Statement”** means the Method Statement(s) forming part of the Approved Application or Approved Supporting Documents;
- (n) **“Works”** means any construction activities comprised in the Licensed Activities and, where the context permits, includes any plant, equipment or materials used to carry out those activities or operations but excludes monitoring, minor routine maintenance or other ongoing operational activities following completion of any construction activities;
- (o) all times shall be taken to be the time in Greenwich Mean Time (GMT) on any given day;
- (p) all co-ordinates shall be taken to be latitude and longitude decimal degree (WGS 84).
- (q) in the event of any discrepancy between the coordinates listed in paragraph 2.2 and the plan attached at Appendix 1, the coordinates shall take precedence.

5 CONTACTS

Except where otherwise indicated, the primary point of contact with the Licensing Authority and the address for returns, correspondence and requests for variations of the licence is:

Marine Licensing Team
Natural Resources Wales
Permitting Service
29 Newport Road
Cambria House
Cardiff
CF24 0TP

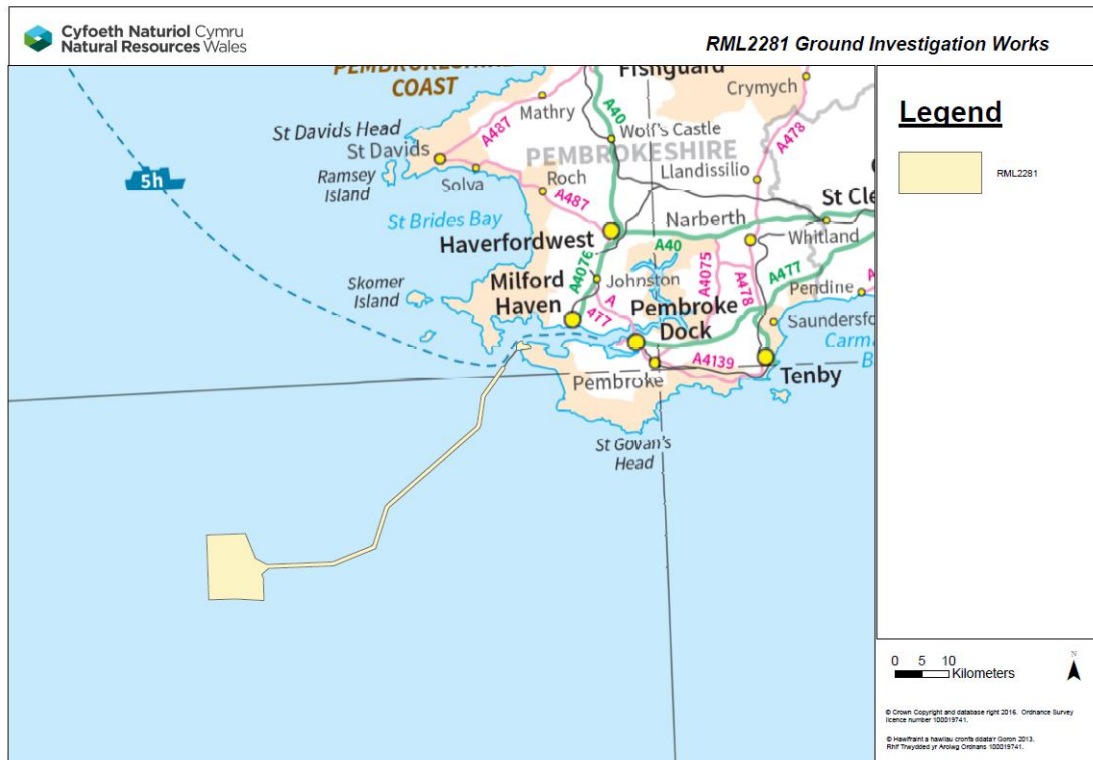
Tel: 0300 065 3000
Email: marinelicensing@naturalresourceswales.gov.uk

Welsh Government Marine Enforcement Officers may be contacted at:

Welsh Government
Suite 3
Cedar Court
Haven's Head Business Park
Milford Haven Pembrokeshire
SA73 3LS

Tel: 03000253500
Email: wfmccmpc@gov.wales

Appendix 1



Appendix 2

Latitude	Longitude
Archaeological Exclusion Zones	
51.570068	-5.260889
51.43789	-5.585124
51.461671	-5.580292
51.461164	-5.574683
51.441077	-5.557401
51.447796	-5.641238
51.690124	-5.122322
51.656443	-5.165193
51.682887	-5.130453
51.673083	-5.145391
51.554019	-5.287841
51.521123	-5.345376
51.658018	-5.159418
51.594239	-5.216757
51.68793	-5.11274
Temporary Archaeological Exclusion Zones	
51.453795	-5.567845
51.456906	-5.573615
51.462082	-5.591778
51.464751	-5.595933
51.489717	-5.587341
51.480365	-5.644931
51.432405	-5.603799
51.468744	-5.641508

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51.473558	-5.641726
51.459195	-5.639006
51.442143	-5.634536
51.428806	-5.633762
51.446349	-5.634738
51.426512	-5.628285
51.467944	-5.629244
51.473047	-5.629527
51.467437	-5.62595
51.483699	-5.622923
51.448829	-5.620211
51.455286	-5.616514
51.434146	-5.614377
51.458824	-5.602449
51.459498	-5.602462
51.460561	-5.611978
51.470075	-5.603568
51.475251	-5.613973
51.492649	-5.593746
51.435588	-5.585594
51.440077	-5.625584
51.446034	-5.578463
51.448043	-5.580356
51.448632	-5.575049
51.452267	-5.586086
51.453372	-5.587552
51.456128	-5.60868
51.463648	-5.601961
51.490636	-5.59276
51.49277	-5.586924
51.429478	-5.5543
51.43199	-5.561424
51.44432	-5.554268
51.443531	-5.555286
51.444446	-5.560983
51.44464	-5.566985
51.448354	-5.568942
51.449298	-5.562371
51.456948	-5.554868
51.463064	-5.563164
51.466165	-5.563811
51.435909	-5.594987
51.478996	-5.607188
51.693222	-5.122281
51.69082	-5.12454
51.687764	-5.123213
51.68318	-5.130898
51.681981	-5.132459
51.681896	-5.132565
51.681769	-5.132726
51.681358	-5.13327
51.679823	-5.13614
51.678638	-5.136809
51.675403	-5.140861

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51.674883	-5.141443
51.672403	-5.144825
51.672413	-5.14427
51.660568	-5.154651
51.659942	-5.162958
51.659884	-5.162601
51.659862	-5.162493
51.659652	-5.1633
51.659298	-5.160606
51.659228	-5.160059
51.659173	-5.16108
51.659039	-5.161996
51.659054	-5.160211
51.658597	-5.164583
51.658629	-5.160581
51.658106	-5.165179
51.657843	-5.165014
51.657721	-5.164994
51.657638	-5.162759
51.657347	-5.165617
51.657134	-5.162389
51.656991	-5.16314
51.656324	-5.15951
51.655664	-5.164095
51.654705	-5.165189
51.654661	-5.165062
51.654207	-5.16197
51.653848	-5.162379
51.653425	-5.170139
51.651928	-5.168951
51.651284	-5.168937
51.650702	-5.169552
51.650326	-5.17082
51.649812	-5.170527
51.649325	-5.171089
51.647651	-5.175188
51.647657	-5.173
51.645824	-5.177361
51.645614	-5.17711
51.643335	-5.180259
51.643118	-5.178207
51.643139	-5.174653
51.629974	-5.190337
51.621406	-5.190957
51.621388	-5.190205
51.617345	-5.189797
51.612207	-5.193316
51.605078	-5.195107
51.604009	-5.196327
51.603928	-5.197698
51.60274	-5.197965
51.59635	-5.209358
51.595885	-5.209843
51.594439	-5.21523

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51.594431	-5.210386
51.592443	-5.213985
51.587095	-5.228819
51.568588	-5.263525
51.541551	-5.314813
51.528153	-5.32922
51.509431	-5.355015
51.504516	-5.355965
51.480071	-5.36802
51.477209	-5.37745
51.475974	-5.382217
51.460624	-5.560972
51.460622	-5.4429
51.603928	-5.197698