

Giulia Agnisola
Marine Scotland Licensing Operations Team
Marine Scotland
375 Victoria Road
Aberdeen
AB11 9DB

23 November 2018

Dear Ms Agnisola,

Electricity Act 1989

The Electricity (Applications for Consent) Regulations 1990

The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017

Marine and Coastal Access Act 2009

Marine (Scotland) Act 2010

The Marine Works (Environmental Impact Assessment) Regulations 2007

The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017

The Conservation (Natural Habitats, &c.) Regulations 1994

The Conservation of Offshore Marine Habitats and Species Regulations 2017

Moray West Offshore Wind Farm Application Variation Request and Addendum

Moray Offshore Windfarm (West) Limited is a project company of EDP Renewables and Engie, two leading global renewable energy companies that develop and build offshore wind farms in the UK. In July 2018, Moray Offshore Windfarm (West) Limited submitted for the Moray West Offshore Wind Farm in the Outer Moray Firth:

- an application for consent under Section 36 of the Electricity Act 1989 for the construction and operation of an offshore generating station (“Section 36 consent application”); and
- an application under (1) Part 4 of the Marine and Coastal Access Act 2009 for the deposit of substances and objects and the construction, alteration or improvement of works within the Scottish Offshore Region for the Moray West Offshore Wind Farm, and (2) Part 4 of the Marine (Scotland) Act 2010 for deposits in the sea or under the seabed from a vessel which is loaded in Scotland or in the Scottish Marine Area (“Offshore Wind Farm marine licence application”).

Moray Offshore Windfarm (West) Limited has produced an Addendum (which includes updates and supplements to the EIA Report and the Report to Inform the Appropriate Assessment) to (i) address consultee comments on the original applications (ii) support proposed changes to the design envelope for the project; and (iii) support the option of development within an alternative area (the “Alternative Moray West Site”).

The Addendum is divided into three volumes (Volume 1: Addendum Report, Volume 2: Figures, and Volume 3: SLVIA Figures and Wirelines). Volume 1 is divided into two parts, Part 1 contains information to address consultee’s comments on the applications as submitted in July 2018. Part 2 provides information on the proposed design envelope changes (which Moray West are proposing be secured by consent conditions) and the Combined Boundary (which Moray West are seeking to facilitate by the requested variation to consent applications set out below).

As a result of the proposed introduction of the Alternative Moray West Site option, Moray West are required to vary the existing Section 36 consent and Offshore Wind Farm marine licence applications to include the Alternative Moray West Site as an additional development option for the Scottish Ministers' consideration. This letter represents both the Section 36 consent application variation and Offshore Wind Farm marine licence application variation.

For the avoidance of doubt, Moray Offshore Windfarm (West) Limited is now requesting that an alternative offshore wind farm site application boundary (the "Combined Boundary") be considered in respect of the above applications which would allow an option for development in a different (partly overlapping) area (the "Alternative Moray West Site") in addition to the alternative option to develop the existing offshore wind farm site (the "Current Moray West Site"). If accepted, this variation would therefore introduce a supplementary development option to be included as part of the existing applications for Section 36 consent and marine licence (under the above legislation) for the Moray West Offshore Wind Farm. A plan has been submitted which, if the proposed boundary change is accepted, would replace the red line plans submitted along with the July 2018 application documents, to show a red line with the Current Moray West Site and the Alternative Moray West Site areas within it.

The Current Moray West Site and Combined Boundary are both situated approximately 22.5 km from the Caithness coastline, at the closest point, and lie within the Scottish Offshore Region (as defined in the Marine and Coastal Access Act 2009). There is no change to the value (estimated gross costs of the works) or components of the proposed Moray West Offshore Wind Farm which comprises:

- Up to 85 Wind Turbine Generators, spaced no less than 1,200 downwind and 1,050 m crosswind with a maximum rotor blade diameter of 250 m, maximum blade tip height of 285 m (above HAT) and a minimum blade clearance of 22 m (above HAT);
- Up to 275 km of 33-72.5 kV inter-array cables;
- Scour protection around substructures and cable protection (if required);
- Monitoring equipment, such as metocean buoys (if required); and
- All foundations, substructures, fixtures, fittings, fixings and protections.

Power will be exported from the offshore wind farm via offshore transmission infrastructure to landfall, and then on to the national electricity transmission system at Blackhillock substation via onshore transmission infrastructure. Some elements of the offshore transmission infrastructure may be located within the Moray West Offshore Wind Farm Site boundaries but this is covered by the separate OfTI marine licence application (which remains unchanged).

Section 36 Consent and Offshore Wind Farm Marine Licence Applications Variations

The variation sought is for the inclusion of the Alternative Moray West Site alongside the Current Moray West Site (together forming a new redline boundary (the "Combined Boundary" shown on the enclosed plans) for the above noted Section 36 consent application and Offshore Wind Farm marine licence application). This involves a change to the location of the project in section 6 of the Offshore Wind Farm marine licence application form (see plans and coordinates enclosed);

Separately from the requested variation to the applications, Moray West also now requests that the operational period of the Offshore Wind Farm under any consents be reduced to 25 years rather than 50 years (and that this be secured by consent conditions). The "expected completion date" specified

in section 4 of the Offshore Wind Farm marine licence application form would therefore be “2050” rather than “2075”.

Further it is requested that the exclusion of the Model 4 wind turbine from the Design Envelope for both the Current Moray West Site area option and the Alternative Moray West Site option be secured by consent conditions (with consequent reduction in turbine height).

Moray West is of the view that, with the removal of the Model 4 WTG and a reduction in the duration of the operational period from 50 years to 25 years, the predicted effects of the Moray West Development are acceptable or can be mitigated or be controlled by relevant conditions. However, following engagement with stakeholders with respect to SLVIA impacts Moray West has also undertaken a significant exercise to understand if it can present an alternative option by varying the Moray West Site application boundary.

Moray West is still investigating whether an option of moving development from the Current Moray West Site to the Alternative Moray West Site is feasible from a technical and commercial perspective. Pending this confirmation, it is necessary to seek consent for the option to develop in either area. Moray West is hereby applying for consent from Scottish Ministers for both the current Moray West Site area (which forms the basis of the applications as previously submitted) and the Alternative Moray West Site (which this variation, if accepted, would introduce as a development option). It is proposed that only one of the options could be developed. Both options are within the red line boundary of the Combined Boundary.

Moray West have notified and engaged with the following consultees in relation to the Addendum and application variations; Crown Estate Scotland, Marine Scotland Science, The Highland Council, The Moray Council, Aberdeenshire Council, Scottish Natural Heritage, Scottish Fishermen’s Federation, The Scottish White Fish Producers Association Ltd, Maritime and Coastguard Agency and the Northern Lighthouse Board.

Application Variation Documentation Enclosed

Moray Offshore Windfarm (West) Limited has been in regular correspondence with Marine Scotland Licensing Operations Team regarding the variation to the existing Section 36 consent and marine licence application for the proposed Moray West Offshore Wind Farm. The application variation documents submitted consist of the following:

- This letter;
- Map and co-ordinates for the Alternative Moray West Site and Combined Boundary;
- An Addendum and associated maps;
- A Non-Technical Summary (part of the Addendum);
- Updated information to inform an appropriate assessment (part of the Addendum); and
- USB sticks containing electronic versions of the above documents.

Related Applications

In July 2018 a separate marine licence application was submitted under Part 4 of the Marine (Scotland) Act 2010 and Part 4 of the Marine and Coastal Access Act 2009 for the deposit of substances and objects and the construction, alteration or improvement of works within the Scottish Marine Area and Scottish Offshore Region in relation to the Moray West Offshore Transmission Infrastructure (OfTI).

To support the OfTI marine licence application, the Section 36 consent and Offshore Wind Farm marine licence applications, one EIA Report and one Report to Inform the Appropriate Assessment was submitted. The Addendum submitted with this letter includes updates and supplements to both the EIA Report and the Report to Inform the Appropriate Assessment. The existing OfTI marine licence application remains unchanged.

The Moray West Onshore Transmission Infrastructure (OnTI) associated with the Moray West Offshore Wind Farm and Moray West OfTI is subject to a separate application for planning under the Town and Country Planning (Scotland) Act 1997.

Moray Offshore Windfarm (West) Limited is also a licence holder under Section 6 of the Electricity Act 1989.

Public Notices / Advertisements

We confirm that advertisements regarding the applications will be placed in the Press and Journal, the Scotsman newspaper and the Edinburgh Gazette on the date agreed with Marine Scotland Licensing Operations Team and again the following week in the Press and Journal.

A copy of this letter, the Addendum, with a plan map showing the Combined Boundary, together with a copy of the application variation documentation (as outlined above) discussing Moray Offshore Windfarm (West) Limited’s proposals in more detail and presenting an analysis of the environmental implications will be made available for public inspection at the locations in the below table. As well as this all of the above documentation will be published online at: <http://www.morayoffshore.com/moray-west/document-library/>.

The Highland Council Inverness Planning Office Glenurquhart Road Inverness IV3 5NX	Moray Council Elgin Planning Office High Street Elgin IV30 1BX
The Highland Council Caithness Planning Office Caithness House Market Place Wick KW1 4AB	Aberdeenshire Council Banff Planning Office Winston House 39 Castle Street Banff AB45 1DQ
Helmsdale Library and Service Point Dunrobin Street Helmsdale KW8 6JX	Buckie Library Cluny place Buckie AB56 1HB
Golspie Service Point and Registration Office Olsen House Main Street Golspie KW10 6RA	Brora Library Gower Street Brora Highland KW9 6PD

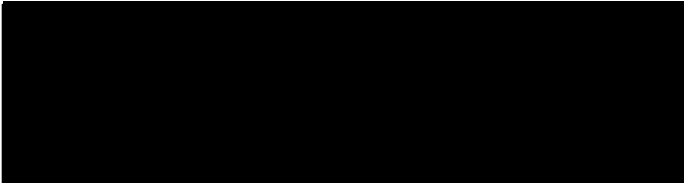
MORAY WEST

OFFSHORE WINDFARM

We look forward to hearing from you in relation to the formal acceptance of the Addendum and the variation to the existing Moray West Offshore Wind Farm Section 36 consent application and Offshore Wind Farm marine licence application.

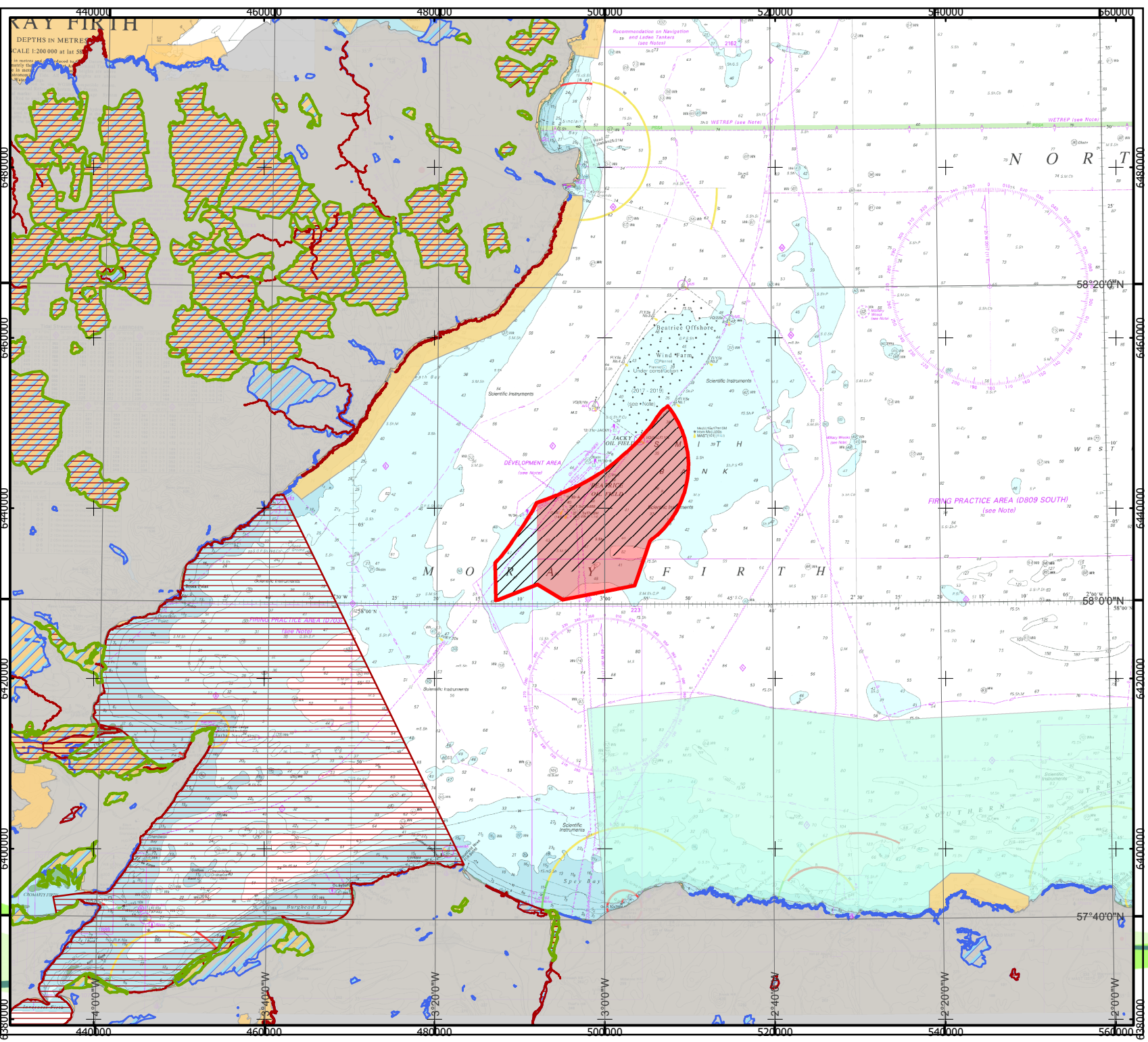
Please do not hesitate to contact Sarah Edwards (sarah.edwards@edpr.com) if we can be of any assistance.

Yours faithfully



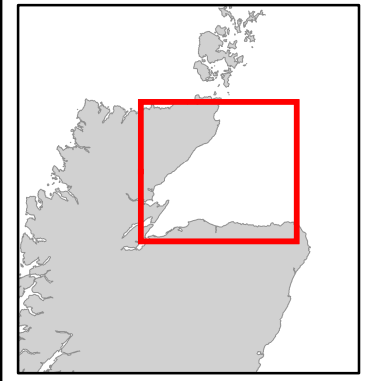
Daniel H. Finch
Director

Charts from MarineFMD.co.uk. © Crown Copyright 2019. All rights reserved. Licence No. EK001-0582-MF0050
 Moray Offshore Windfarm (West) Limited © 2018. This document is the property of contractors and sub-contractors and shall not be reproduced nor transmitted without prior written approval.



MORAY WEST OFFSHORE WINDFARM

- KEY**
- Ramsar site
 - Special Area of Conservation (SAC)
 - Site of Special Scientific Interest (SSI)
 - Special Protected Area (SPA)
 - Marine Protected Area (MPA)
 - Combined Boundary
 - Current Moray West Site
 - Alternative Moray West Site



Horizontal Scale: 1:600,000 A4 Chart
 0 8,500 17,000 Meters

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: MG	Reviewed:
Approved:	
Date: 19/11/2018	Revision: A
REF: 8460005-AAA0000-AAA-AAA-000	

Moray West Offshore
Wind Farm

Moray Offshore
Windfarm (West) Ltd

Combined Boundary Coordinates

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
345614.6924	906812.9282	ND4561406812	58° 2.825' N	2° 55.378' W	58.04708343	-2.922964458	504547.5308	6433954.716
344527.6295	903810.1584	ND4452703810	58° 1.199' N	2° 56.440' W	58.01998216	-2.940667745	503505.1285	6430936.377
336076.1977	902302.2585	ND3607602302	58° 0.318' N	3° 4.997' W	58.00530326	-3.083289189	495077.5706	6429303.622
333123.837	904088.2388	ND3312304088	58° 1.254' N	3° 8.024' W	58.0209063	-3.133740232	492099.3318	6431045.548
328204.9381	902286.135	ND2820402286	58° 0.237' N	3° 12.986' W	58.00395499	-3.21643564	487208.0845	6429170.97
328204.9381	905456.0843	ND2820405456	58° 1.945' N	3° 13.044' W	58.03242029	-3.217402381	487161.1474	6432340.283
328204.9381	906265.0076	ND2820406265	58° 2.381' N	3° 13.059' W	58.03968418	-3.217649374	487149.1674	6433149.044
328204.9381	906701.9023	ND2820406701	58° 2.616' N	3° 13.067' W	58.04360737	-3.217782823	487142.6967	6433585.851
328248.1433	906747.1887	ND2824806747	58° 2.641' N	3° 13.024' W	58.04402102	-3.217065007	487185.2225	6433631.768
328282.1666	906783.9848	ND2828206783	58° 2.661' N	3° 12.990' W	58.04435695	-3.216500077	487218.6939	6433669.061
328311.4906	906815.6986	ND2831106815	58° 2.679' N	3° 12.961' W	58.04464647	-3.216013165	487247.5423	6433701.203
328511.671	907032.1936	ND2851107032	58° 2.797' N	3° 12.761' W	58.04662287	-3.212689049	487444.476	6433920.619
328769.6642	907320.9764	ND2876907320	58° 2.955' N	3° 12.504' W	58.0492576	-3.208407336	487698.1402	6434213.166
329023.081	907614.4575	ND2902307614	58° 3.116' N	3° 12.252' W	58.05193365	-3.204203928	487947.1593	6434510.342
329270.981	907912.5748	ND2927007912	58° 3.279' N	3° 12.006' W	58.05465031	-3.200094741	488190.594	6434812.072
329514.3834	908215.4635	ND2951408215	58° 3.445' N	3° 11.764' W	58.05740897	-3.196062555	488429.4613	6435118.505
329751.298	908521.1998	ND2975108521	58° 3.612' N	3° 11.528' W	58.06019204	-3.192140518	488661.7998	6435427.691
329793.8151	908577.6365	ND2979308577	58° 3.642' N	3° 11.486' W	58.06070557	-3.191437068	488703.4724	6435484.746
329822.1111	908614.0347	ND2982208614	58° 3.662' N	3° 11.458' W	58.06103691	-3.190968548	488731.2236	6435521.556
330054.4396	908924.4586	ND3005408924	58° 3.832' N	3° 11.227' W	58.06386119	-3.187124822	488958.9074	6435835.36
330280.3911	909239.5251	ND3028009239	58° 4.004' N	3° 11.003' W	58.06672605	-3.183389931	489180.1466	6436153.712
330501.7364	909557.4784	ND3050109557	58° 4.177' N	3° 10.784' W	58.069616	-3.179733357	489396.7377	6436474.881
330717.5694	909880.1327	ND3071709880	58° 4.353' N	3° 10.570' W	58.0725472	-3.176171004	489607.7479	6436800.67
330909.0586	910178.2935	ND3090910178	58° 4.515' N	3° 10.381' W	58.07525455	-3.173013469	489794.7818	6437101.609
331058.0552	910371.1554	ND3105810371	58° 4.621' N	3° 10.233' W	58.07700965	-3.170544772	489940.8916	6437296.64
331290.2013	910682.3708	ND3129010682	58° 4.790' N	3° 10.002' W	58.0798404	-3.166701048	490168.381	6437611.234
331516.881	910996.4866	ND3151610996	58° 4.962' N	3° 9.777' W	58.08269624	-3.162950237	490390.3619	6437928.647
331701.2081	911262.4669	ND3170111262	58° 5.107' N	3° 9.594' W	58.08511319	-3.159902858	490570.7117	6438197.306
331801.3938	911407.2926	ND3180111407	58° 5.186' N	3° 9.495' W	58.08642915	-3.158246446	490668.7318	6438343.588
332016.0677	911728.9397	ND3201611728	58° 5.361' N	3° 9.282' W	58.08935053	-3.154700027	490878.5976	6438668.354
332226.2478	912055.2661	ND3222612055	58° 5.539' N	3° 9.074' W	58.09231314	-3.151230589	491083.901	6438997.731

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
332429.9629	912385.3635	ND3242912385	58° 5.719' N	3° 8.872' W	58.09530853	-3.147871307	491282.6846	6439330.783
332628.2142	912718.2743	ND3262812718	58° 5.900' N	3° 8.676' W	58.09832827	-3.144604939	491475.9638	6439666.567
332820.9424	913055.0149	ND3282013055	58° 6.083' N	3° 8.486' W	58.10138147	-3.141432805	491663.664	6440006.098
333007.2704	913394.5822	ND3300713394	58° 6.268' N	3° 8.302' W	58.10445901	-3.138369507	491844.9233	6440348.361
333166.183	913696.8007	ND3316613696	58° 6.432' N	3° 8.146' W	58.10719695	-3.135760117	491999.3259	6440652.876
333191.029	913704.1785	ND3319113704	58° 6.436' N	3° 8.120' W	58.10726696	-3.135340719	492024.0577	6440660.621
334355.8949	914092.6573	ND3435514092	58° 6.656' N	3° 6.941' W	58.11092999	-3.115687918	493182.9412	6441066.29
334888.6192	914284.2993	ND3488814284	58° 6.764' N	3° 6.402' W	58.11272972	-3.106702706	493712.7229	6441265.791
335530.5927	914543.6862	ND3553014543	58° 6.909' N	3° 5.753' W	58.11515313	-3.095881468	494350.7292	6441534.644
335639.046	914589.7948	ND3563914589	58° 6.935' N	3° 5.643' W	58.11558299	-3.094053841	494458.4784	6441582.351
335995.1396	914743.3585	ND3599514743	58° 7.021' N	3° 5.283' W	58.11701372	-3.088053325	494812.2282	6441741.164
336347.6475	914904.3567	ND3634714904	58° 7.111' N	3° 4.927' W	58.11851041	-3.082115201	495162.2829	6441907.357
336457.1715	914955.0793	ND3645714955	58° 7.139' N	3° 4.816' W	58.11898166	-3.080270318	495271.0343	6441959.694
336509.9752	914975.4286	ND3650914975	58° 7.150' N	3° 4.763' W	58.11917199	-3.079379731	495323.5264	6441980.822
336870.4208	915116.9401	ND3687015116	58° 7.230' N	3° 4.398' W	58.12049442	-3.073300902	495681.8064	6442127.65
337229.0805	915265.9351	ND3722915265	58° 7.313' N	3° 4.035' W	58.12188351	-3.067253942	496038.19	6442281.933
337585.0495	915419.613	ND3758515419	58° 7.399' N	3° 3.675' W	58.12331399	-3.061253428	496391.8141	6442440.859
337937.4307	915580.7217	ND3793715580	58° 7.489' N	3° 3.319' W	58.12481041	-3.055315302	496741.7411	6442607.161
338287.9935	915747.4341	ND3828715747	58° 7.581' N	3° 2.965' W	58.12635662	-3.049409021	497089.7671	6442779.039
338354.8139	915780.4864	ND3835415780	58° 7.600' N	3° 2.897' W	58.12666277	-3.048283509	497156.0851	6442813.076
338419.7278	915811.693	ND3841915811	58° 7.617' N	3° 2.831' W	58.12695206	-3.047189853	497220.5243	6442845.239
338767.6121	915984.8888	ND3876715984	58° 7.713' N	3° 2.480' W	58.12855575	-3.04133003	497565.7764	6443023.56
339110.9376	916163.6496	ND3911016163	58° 7.813' N	3° 2.133' W	58.13020852	-3.035548519	497906.3882	6443207.377
339215.6528	916220.1903	ND3921516220	58° 7.844' N	3° 2.027' W	58.13073069	-3.033785562	498010.2458	6443265.46
339393.1208	916316.0135	ND3939316316	58° 7.897' N	3° 1.848' W	58.13161559	-3.030797638	498186.2604	6443363.896
339452.5211	916348.0866	ND3945216348	58° 7.915' N	3° 1.788' W	58.13191176	-3.029797518	498245.1742	6443396.844
339789.5562	916538.944	ND3978916538	58° 8.020' N	3° 1.447' W	58.13367177	-3.024124843	498579.3176	6443592.663
340123.83	916735.4909	ND4012316735	58° 8.129' N	3° 1.110' W	58.13548226	-3.018499949	498910.616	6443794.129
340454.5583	916937.5784	ND4045416937	58° 8.241' N	3° 0.776' W	58.13734177	-3.012936097	499238.2875	6444001.083
340781.5968	917146.1473	ND4078117146	58° 8.356' N	3° 0.446' W	58.13925876	-3.007435962	499562.1739	6444214.463
341104.9981	917359.4743	ND4110417359	58° 8.473' N	3° 0.120' W	58.14121775	-3.001998201	499882.3533	6444432.546

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
341424.7849	917579.1989	ND4142417579	58° 8.594' N	2° 59.797' W	58.14323348	-2.996622832	500198.824	6444656.972
341740.9471	917804.6157	ND4174017804	58° 8.718' N	2° 59.479' W	58.14529963	-2.991309833	500511.5865	6444887.035
342052.5297	918034.6424	ND4205218034	58° 8.844' N	2° 59.165' W	58.14740635	-2.986075145	500819.702	6445121.64
342360.4852	918270.2803	ND4236018270	58° 8.974' N	2° 58.854' W	58.14956277	-2.980902834	501124.1078	6445361.802
342663.8737	918511.4622	ND4266318511	58° 9.106' N	2° 58.549' W	58.15176818	-2.975808838	501423.8653	6445607.439
342963.7127	918758.3279	ND4296318758	58° 9.241' N	2° 58.247' W	58.15402397	-2.9707759	501719.9897	6445858.707
343257.9557	919009.8111	ND4325719009	58° 9.379' N	2° 57.950' W	58.15632031	-2.965838518	502010.4507	6446114.508
343463.8055	919189.9081	ND4346319189	58° 9.478' N	2° 57.743' W	58.15796407	-2.962384999	502213.593	6446297.625
343469.429	919195.2957	ND4346919195	58° 9.481' N	2° 57.737' W	58.15801317	-2.962290763	502219.1356	6446303.095
343764.5442	919446.7741	ND4376419446	58° 9.619' N	2° 57.440' W	58.16030925	-2.957337462	502510.4687	6446558.905
344055.0933	919703.8673	ND4405519703	58° 9.759' N	2° 57.148' W	58.16265499	-2.952462457	502797.1533	6446820.261
344341.14	919965.635	ND4434119965	58° 9.903' N	2° 56.860' W	58.16504195	-2.947664435	503079.2671	6447086.225
344622.5275	920232.0006	ND4462220232	58° 10.048' N	2° 56.577' W	58.16746943	-2.942946047	503356.6542	6447356.716
344898.4884	920503.9864	ND4489820503	58° 10.197' N	2° 56.299' W	58.16994653	-2.938320572	503628.5324	6447632.747
345170.793	920779.6929	ND4517020779	58° 10.347' N	2° 56.025' W	58.17245643	-2.933757475	503896.6998	6447912.443
345437.5932	921061.0163	ND4543721061	58° 10.501' N	2° 55.757' W	58.17501592	-2.929288616	504159.2804	6448197.674
345699.8916	921347.0056	ND4569921347	58° 10.657' N	2° 55.494' W	58.17761661	-2.924896733	504417.2907	6448487.503
345957.5303	921637.5817	ND4595721637	58° 10.815' N	2° 55.235' W	58.18025776	-2.92058449	504670.5742	6448781.85
346208.7824	921931.9864	ND4620821931	58° 10.976' N	2° 54.983' W	58.18293237	-2.916381078	504917.4153	6449079.93
346455.4544	922230.9731	ND4645522230	58° 11.139' N	2° 54.735' W	58.18564743	-2.912255967	505159.6091	6449382.523
346697.6254	922534.6952	ND4669722534	58° 11.304' N	2° 54.492' W	58.18840435	-2.90820785	505397.2324	6449689.785
346933.3313	922842.0848	ND4693322842	58° 11.472' N	2° 54.256' W	58.19119329	-2.904269889	505628.3373	6450000.617
347164.447	923153.2702	ND4716423153	58° 11.641' N	2° 54.025' W	58.19401565	-2.900410241	505854.7964	6450315.177
347390.048	923469.0435	ND4739023469	58° 11.813' N	2° 53.799' W	58.19687843	-2.896644817	506075.6737	6450634.243
347408.8392	923497.2756	ND4740823497	58° 11.828' N	2° 53.780' W	58.19713421	-2.89633159	506094.0428	6450662.749
347428.4761	923524.56	ND4742823524	58° 11.843' N	2° 53.760' W	58.19738158	-2.896003759	506113.2715	6450690.32
347445.3339	923548.2141	ND4744523548	58° 11.856' N	2° 53.743' W	58.19759602	-2.895722374	506129.7754	6450714.22
347513.4858	923632.7528	ND4751323632	58° 11.902' N	2° 53.675' W	58.19836334	-2.894582261	506196.6613	6450799.755
347755.4909	923936.4293	ND4775523936	58° 12.067' N	2° 53.432' W	58.20111926	-2.890534144	506434.1192	6451106.969
347991.8903	924243.7579	ND4799124243	58° 12.234' N	2° 53.195' W	58.2039072	-2.886581583	506665.9181	6451417.752
348002.2234	924258.2895	ND4800224258	58° 12.242' N	2° 53.185' W	58.20403892	-2.886409047	506676.0338	6451432.435

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
348206.4332	924421.8614	ND4820624421	58° 12.332' N	2° 52.978' W	58.20553194	-2.882971451	506877.7815	6451599.008
348505.4024	924668.7627	ND4850524668	58° 12.467' N	2° 52.676' W	58.2077843	-2.877939834	507173.036	6451850.303
348728.2585	924859.1453	ND4872824859	58° 12.571' N	2° 52.451' W	58.20952004	-2.874190177	507393.029	6452043.959
349404.9954	923891.9799	ND4940423891	58° 12.055' N	2° 51.748' W	58.20091276	-2.862464938	508084	6451087
349952.9963	922874.677	ND4995222874	58° 11.510' N	2° 51.175' W	58.1918395	-2.852923966	508647	6450078
350362.673	921904.4355	ND5036221904	58° 10.990' N	2° 50.745' W	58.18317257	-2.845749729	509071	6449114
350487.9252	921515.5119	ND5048721515	58° 10.782' N	2° 50.612' W	58.17969392	-2.843537384	509202	6448727
350648.5588	921017.0452	ND5064821017	58° 10.514' N	2° 50.442' W	58.17523543	-2.840700797	509370	6448231
350828.0148	920169.2407	ND5082820169	58° 10.059' N	2° 50.248' W	58.16764171	-2.837471247	509562	6447386
350986.2504	919306.7489	ND5098619306	58° 9.595' N	2° 50.076' W	58.15991365	-2.834600562	509733	6446526
351055.3603	918099.5213	ND5105518099	58° 8.945' N	2° 49.990' W	58.14907967	-2.83317281	509820	6445320
351006.4126	916957.0551	ND5100616957	58° 8.329' N	2° 50.026' W	58.13881417	-2.833764292	509788	6444177
350878.5269	916156.8166	ND5087816156	58° 7.897' N	2° 50.146' W	58.1316133	-2.835767542	509672	6443375
350757.4145	915543.5089	ND5075715543	58° 7.566' N	2° 50.262' W	58.1260919	-2.837694437	509560	6442760
350533.4679	914672.6818	ND5053314672	58° 7.095' N	2° 50.479' W	58.11824628	-2.841311587	509349	6441886
350164.4031	913727.9927	ND5016413727	58° 6.583' N	2° 50.842' W	58.10972087	-2.847373747	508994	6440936
349594.792	912546.2344	ND4959412546	58° 5.943' N	2° 51.407' W	58.0990433	-2.856783889	508442	6439746
348932.425	911516.8747	ND4893211516	58° 5.383' N	2° 52.068' W	58.08972297	-2.867794551	507795	6438707
348163.531	910588.1087	ND4816310588	58° 4.878' N	2° 52.838' W	58.08129261	-2.88062773	507040	6437767
347428.4217	909846.8726	ND4742809846	58° 4.473' N	2° 53.575' W	58.07454911	-2.892924282	506316	6437015
346550.9531	909150.7705	ND4655009150	58° 4.092' N	2° 54.458' W	58.06819258	-2.907639086	505448.9968	6436306.019
346387.4445	908947.4594	ND4638708947	58° 3.981' N	2° 54.622' W	58.06634696	-2.910363658	505288.5287	6436100.321
345614.6924	906812.9282	ND4561406812	58° 2.825' N	2° 55.378' W	58.04708343	-2.922964458	504547.5308	6433954.716

Alternative Moray West Site Coordinates

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
346387.4444	908947.4594	ND4638708947	58° 3.981' N	2° 54.622' W	58.06634696	-2.910363658	505288.5287	6436100.321
345614.6924	906812.9282	ND4561406812	58° 2.825' N	2° 55.378' W	58.04708343	-2.922964459	504547.5308	6433954.716
344527.6295	903810.1584	ND4452703810	58° 1.199' N	2° 56.440' W	58.01998216	-2.940667744	503505.1285	6430936.377
336076.1976	902302.2585	ND3607602302	58° 0.318' N	3° 4.997' W	58.00530326	-3.083289189	495077.5706	6429303.622
333123.8369	904088.2388	ND3312304088	58° 1.254' N	3° 8.024' W	58.0209063	-3.133740233	492099.3318	6431045.548
333191.029	913704.1785	ND3319113704	58° 6.436' N	3° 8.120' W	58.10726696	-3.135340718	492024.0577	6440660.621
334355.895	914092.6573	ND3435514092	58° 6.656' N	3° 6.941' W	58.11092999	-3.115687917	493182.9412	6441066.29
334888.6192	914284.2994	ND3488814284	58° 6.764' N	3° 6.402' W	58.11272972	-3.106702706	493712.7229	6441265.791
335530.5927	914543.6862	ND3553014543	58° 6.909' N	3° 5.753' W	58.11515313	-3.095881468	494350.7292	6441534.644
335639.046	914589.7948	ND3563914589	58° 6.935' N	3° 5.643' W	58.11558299	-3.094053841	494458.4784	6441582.351
335995.1396	914743.3585	ND3599514743	58° 7.021' N	3° 5.283' W	58.11701372	-3.088053325	494812.2282	6441741.164
336347.6475	914904.3567	ND3634714904	58° 7.111' N	3° 4.927' W	58.11851041	-3.082115201	495162.2829	6441907.357
336457.1715	914955.0793	ND3645714955	58° 7.139' N	3° 4.816' W	58.11898166	-3.080270318	495271.0343	6441959.694
336509.9752	914975.4286	ND3650914975	58° 7.150' N	3° 4.763' W	58.11917199	-3.079379731	495323.5264	6441980.822
336870.4208	915116.9401	ND3687015116	58° 7.230' N	3° 4.398' W	58.12049442	-3.073300902	495681.8064	6442127.65
337229.0805	915265.9351	ND3722915265	58° 7.313' N	3° 4.035' W	58.12188351	-3.067253942	496038.19	6442281.933
337585.0495	915419.613	ND3758515419	58° 7.399' N	3° 3.675' W	58.12331399	-3.061253428	496391.8141	6442440.859
337937.4307	915580.7217	ND3793715580	58° 7.489' N	3° 3.319' W	58.12481041	-3.055315302	496741.7411	6442607.161
338287.9935	915747.4341	ND3828715747	58° 7.581' N	3° 2.965' W	58.12635662	-3.049409021	497089.7671	6442779.039
338354.8139	915780.4864	ND3835415780	58° 7.600' N	3° 2.897' W	58.12666277	-3.048283509	497156.0851	6442813.076
338419.7278	915811.693	ND3841915811	58° 7.617' N	3° 2.831' W	58.12695206	-3.047189853	497220.5243	6442845.239
338767.6121	915984.8888	ND3876715984	58° 7.713' N	3° 2.480' W	58.12855575	-3.04133003	497565.7764	6443023.56
339110.9376	916163.6496	ND3911016163	58° 7.813' N	3° 2.133' W	58.13020852	-3.035548519	497906.3882	6443207.377
339215.6528	916220.1903	ND3921516220	58° 7.844' N	3° 2.027' W	58.13073069	-3.033785562	498010.2458	6443265.46
339393.1208	916316.0135	ND3939316316	58° 7.897' N	3° 1.848' W	58.13161559	-3.030797638	498186.2604	6443363.896
339452.5211	916348.0866	ND3945216348	58° 7.915' N	3° 1.788' W	58.13191176	-3.029797518	498245.1742	6443396.844
339789.5562	916538.944	ND3978916538	58° 8.020' N	3° 1.447' W	58.13367177	-3.024124843	498579.3176	6443592.663
340123.83	916735.4909	ND4012316735	58° 8.129' N	3° 1.110' W	58.13548226	-3.018499949	498910.616	6443794.129
340454.5583	916937.5784	ND4045416937	58° 8.241' N	3° 0.776' W	58.13734177	-3.012936097	499238.2875	6444001.083
340781.5968	917146.1473	ND4078117146	58° 8.356' N	3° 0.446' W	58.13925876	-3.007435962	499562.1739	6444214.463
341104.9981	917359.4743	ND4110417359	58° 8.473' N	3° 0.120' W	58.14121775	-3.001998201	499882.3533	6444432.546

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
341424.7849	917579.1989	ND4142417579	58° 8.594' N	2° 59.797' W	58.14323348	-2.996622832	500198.824	6444656.972
341740.9471	917804.6157	ND4174017804	58° 8.718' N	2° 59.479' W	58.14529963	-2.991309833	500511.5865	6444887.035
342052.5297	918034.6424	ND4205218034	58° 8.844' N	2° 59.165' W	58.14740635	-2.986075145	500819.702	6445121.64
342360.4852	918270.2803	ND4236018270	58° 8.974' N	2° 58.854' W	58.14956277	-2.980902834	501124.1078	6445361.802
342663.8737	918511.4622	ND4266318511	58° 9.106' N	2° 58.549' W	58.15176818	-2.975808838	501423.8653	6445607.439
342963.7127	918758.3279	ND4296318758	58° 9.241' N	2° 58.247' W	58.15402397	-2.9707759	501719.9897	6445858.707
343257.9557	919009.8111	ND4325719009	58° 9.379' N	2° 57.950' W	58.15632031	-2.965838518	502010.4507	6446114.508
343463.8055	919189.9081	ND4346319189	58° 9.478' N	2° 57.743' W	58.15796407	-2.962384999	502213.593	6446297.625
343469.429	919195.2957	ND4346919195	58° 9.481' N	2° 57.737' W	58.15801317	-2.962290763	502219.1356	6446303.095
343764.5442	919446.7741	ND4376419446	58° 9.619' N	2° 57.440' W	58.16030925	-2.957337462	502510.4687	6446558.905
344055.0933	919703.8673	ND4405519703	58° 9.759' N	2° 57.148' W	58.16265499	-2.952462457	502797.1533	6446820.261
344341.14	919965.635	ND4434119965	58° 9.903' N	2° 56.860' W	58.16504195	-2.947664435	503079.2671	6447086.225
344622.5275	920232.0006	ND4462220232	58° 10.048' N	2° 56.577' W	58.16746943	-2.942946047	503356.6542	6447356.716
344898.4884	920503.9864	ND4489820503	58° 10.197' N	2° 56.299' W	58.16994653	-2.938320572	503628.5324	6447632.747
345170.793	920779.6929	ND4517020779	58° 10.347' N	2° 56.025' W	58.17245643	-2.933757475	503896.6998	6447912.443
345437.5932	921061.0163	ND4543721061	58° 10.501' N	2° 55.757' W	58.17501592	-2.929288616	504159.2804	6448197.674
345699.8916	921347.0056	ND4569921347	58° 10.657' N	2° 55.494' W	58.17761661	-2.924896733	504417.2907	6448487.503
345957.5303	921637.5817	ND4595721637	58° 10.815' N	2° 55.235' W	58.18025776	-2.92058449	504670.5742	6448781.85
346208.7824	921931.9864	ND4620821931	58° 10.976' N	2° 54.983' W	58.18293237	-2.916381078	504917.4153	6449079.93
346455.4544	922230.9731	ND4645522230	58° 11.139' N	2° 54.735' W	58.18564743	-2.912255967	505159.6091	6449382.523
346697.6254	922534.6952	ND4669722534	58° 11.304' N	2° 54.492' W	58.18840435	-2.90820785	505397.2324	6449689.785
346933.3313	922842.0848	ND4693322842	58° 11.472' N	2° 54.256' W	58.19119329	-2.904269889	505628.3373	6450000.617
347164.447	923153.2702	ND4716423153	58° 11.641' N	2° 54.025' W	58.19401565	-2.900410241	505854.7964	6450315.177
347390.048	923469.0435	ND4739023469	58° 11.813' N	2° 53.799' W	58.19687843	-2.896644817	506075.6737	6450634.243
347408.8392	923497.2756	ND4740823497	58° 11.828' N	2° 53.780' W	58.19713421	-2.89633159	506094.0428	6450662.749
347428.4761	923524.56	ND4742823524	58° 11.843' N	2° 53.760' W	58.19738158	-2.896003759	506113.2715	6450690.32
347445.3339	923548.2141	ND4744523548	58° 11.856' N	2° 53.743' W	58.19759602	-2.895722374	506129.7754	6450714.22
347513.4858	923632.7528	ND4751323632	58° 11.902' N	2° 53.675' W	58.19836334	-2.894582261	506196.6613	6450799.755
347755.4909	923936.4293	ND4775523936	58° 12.067' N	2° 53.432' W	58.20111926	-2.890534144	506434.1192	6451106.969
347991.8903	924243.7579	ND4799124243	58° 12.234' N	2° 53.195' W	58.2039072	-2.886581583	506665.9181	6451417.752
348002.2234	924258.2895	ND4800224258	58° 12.242' N	2° 53.185' W	58.20403892	-2.886409047	506676.0338	6451432.435

OSB36 British National Grid			WGS84 Latitude - longitude				WGS84 UTM Zone 30N	
X_BNG	Y_BNG	NGR	Lat (DM.m)	Lon (DM.m)	Lat (DD)	Lon (DD)	X_UTM30N	Y_UTM30N
348206.4332	924421.8614	ND4820624421	58° 12.332' N	2° 52.978' W	58.20553194	-2.882971451	506877.7815	6451599.008
348505.4024	924668.7627	ND4850524668	58° 12.467' N	2° 52.676' W	58.2077843	-2.877939834	507173.036	6451850.303
348728.2585	924859.1453	ND4872824859	58° 12.571' N	2° 52.451' W	58.20952004	-2.874190177	507393.029	6452043.959
349404.9954	923891.9799	ND4940423891	58° 12.055' N	2° 51.748' W	58.20091276	-2.862464938	508084	6451087
349952.9963	922874.677	ND4995222874	58° 11.510' N	2° 51.175' W	58.1918395	-2.852923966	508647	6450078
350362.673	921904.4355	ND5036221904	58° 10.990' N	2° 50.745' W	58.18317257	-2.845749729	509071	6449114
350487.9252	921515.5119	ND5048721515	58° 10.782' N	2° 50.612' W	58.17969392	-2.843537384	509202	6448727
350648.5588	921017.0452	ND5064821017	58° 10.514' N	2° 50.442' W	58.17523543	-2.840700797	509370	6448231
350828.0148	920169.2407	ND5082820169	58° 10.059' N	2° 50.248' W	58.16764171	-2.837471247	509562	6447386
350986.2504	919306.7489	ND5098619306	58° 9.595' N	2° 50.076' W	58.15991365	-2.834600562	509733	6446526
351055.3603	918099.5213	ND5105518099	58° 8.945' N	2° 49.990' W	58.14907967	-2.83317281	509820	6445320
351006.4126	916957.0551	ND5100616957	58° 8.329' N	2° 50.026' W	58.13881417	-2.833764292	509788	6444177
350878.5269	916156.8166	ND5087816156	58° 7.897' N	2° 50.146' W	58.1316133	-2.835767542	509672	6443375
350757.4145	915543.5089	ND5075715543	58° 7.566' N	2° 50.262' W	58.1260919	-2.837694437	509560	6442760
350533.4679	914672.6818	ND5053314672	58° 7.095' N	2° 50.479' W	58.11824628	-2.841311587	509349	6441886
350164.4031	913727.9927	ND5016413727	58° 6.583' N	2° 50.842' W	58.10972087	-2.847373747	508994	6440936
349594.792	912546.2344	ND4959412546	58° 5.943' N	2° 51.407' W	58.0990433	-2.856783889	508442	6439746
348932.425	911516.8747	ND4893211516	58° 5.383' N	2° 52.068' W	58.08972297	-2.867794551	507795	6438707
348163.531	910588.1087	ND4816310588	58° 4.878' N	2° 52.838' W	58.08129261	-2.88062773	507040	6437767
347428.4217	909846.8726	ND4742809846	58° 4.473' N	2° 53.575' W	58.07454911	-2.892924282	506316	6437015
346550.9531	909150.7705	ND4655009150	58° 4.092' N	2° 54.458' W	58.06819258	-2.907639086	505448.9968	6436306.019
346387.4444	908947.4594	ND4638708947	58° 3.981' N	2° 54.622' W	58.06634696	-2.910363658	505288.5287	6436100.321