

[Scroll down for Welsh, sgroliwch i lawr am Gymraeg]

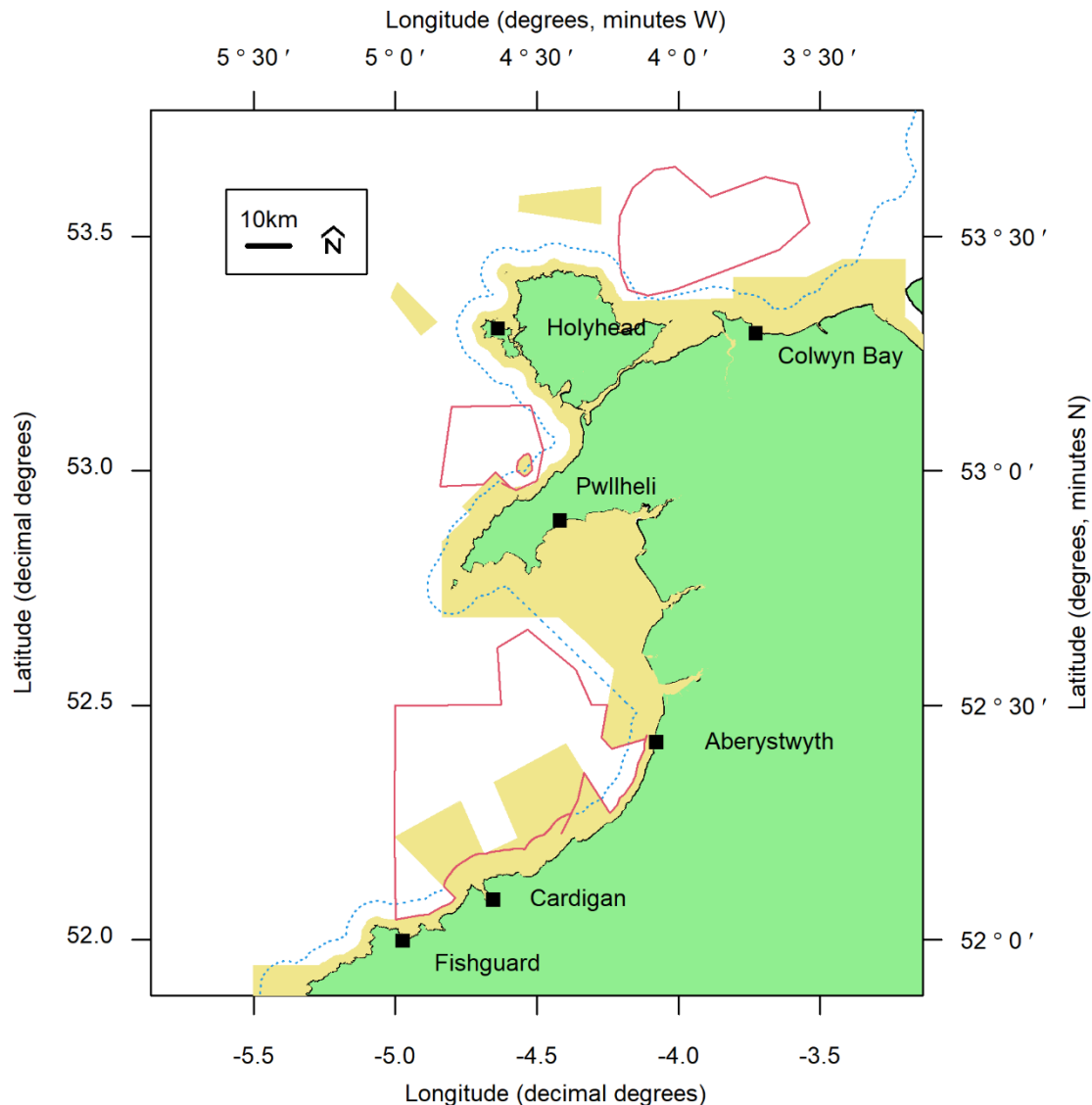
Notice to Mariners: Annual Welsh scallop survey, June 2025

Bangor University and the Welsh Government intend to survey Liverpool Bay/Northeast of Anglesey, north of the Llyn Peninsula and Cardigan Bay using the RV Prince Madog from the 6th to the 12th of June 2025. Map 1 shows these three survey areas. Appendix 1 and 2 give the midpoints of the planned sites.

Please coordinate with the vessel during this period. Note that the sampling locations may vary within this period due to weather and other factors.

Contact the vessel on 07860342451 or by radio.

Map 1: The three survey areas

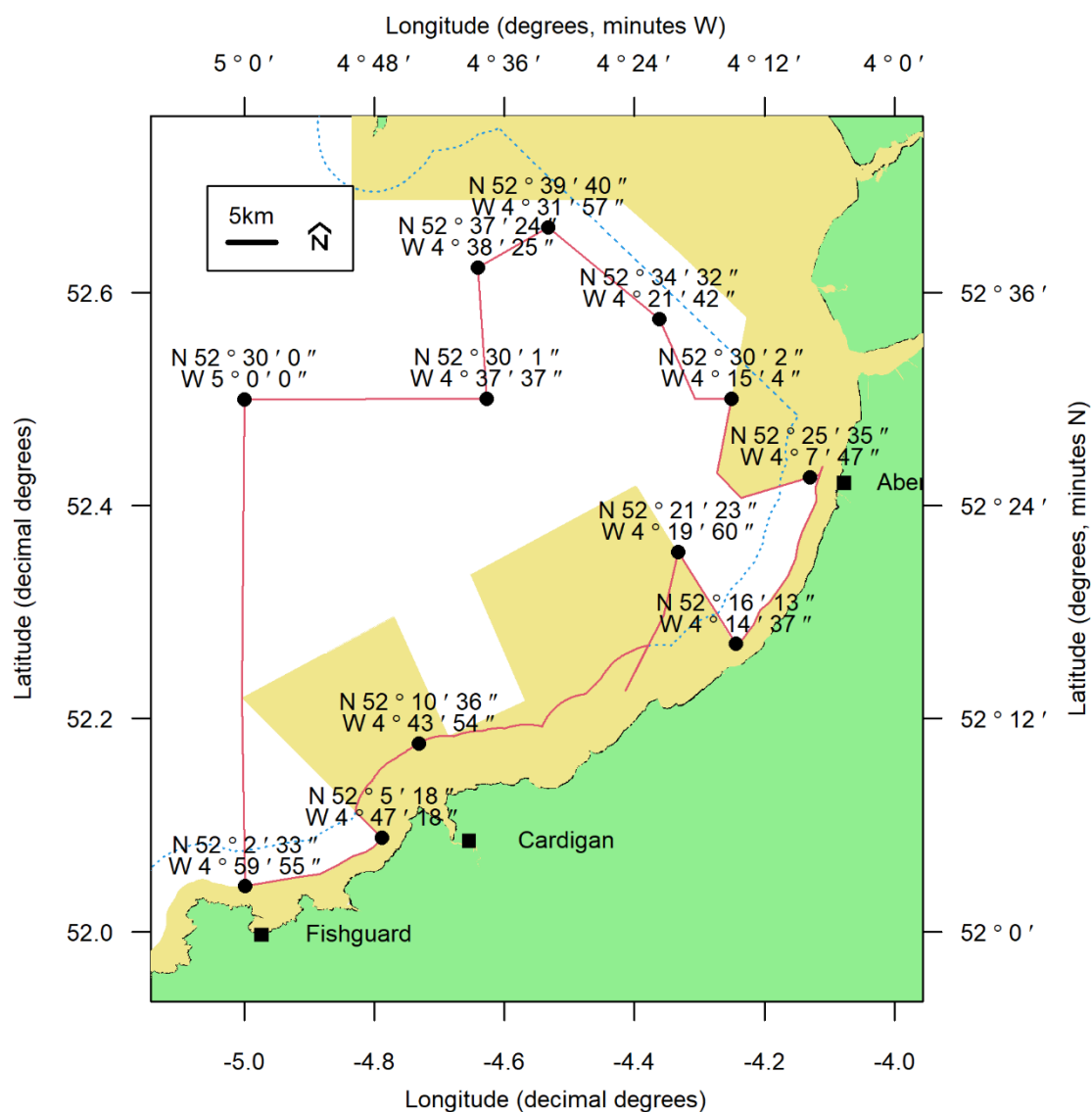


The following maps provide further details of the survey in each location.

Cardigan Bay will be sampled between 6th and the 11th of June 2025. Dredge sampling will be restricted to the hours between 06:00 and 19:00 on each of these days. We may do towed camera sledge and beam trawl sampling during the nights.

Map 2 displays the geometry of the survey area in greater detail, and the coordinates are also displayed in tabular format after.

Map 2: Cardigan Bay survey area

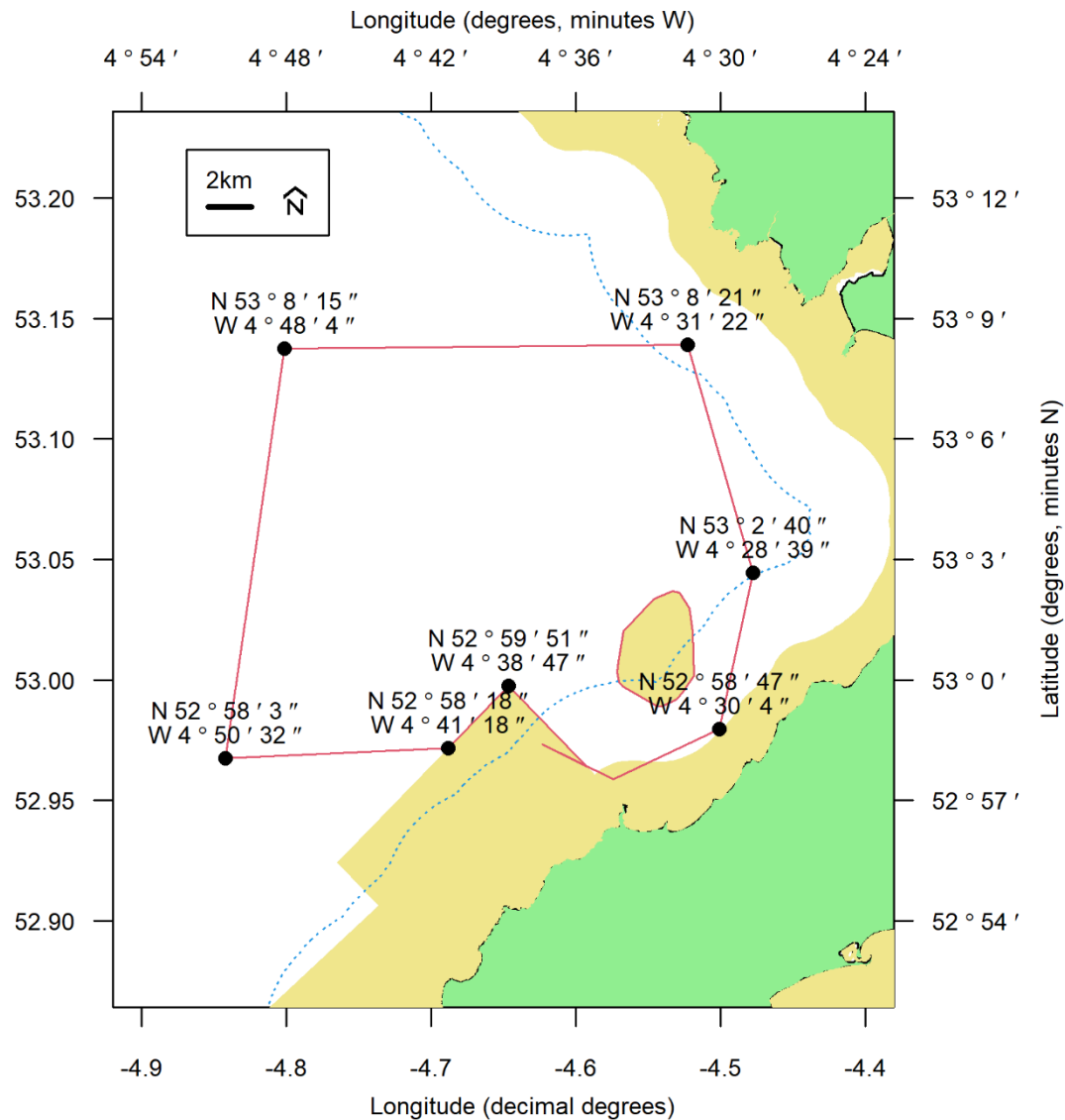


Latitude Degree Minute Seconds	Longitude Degree Minute Seconds	Latitude Decimal	Longitude Decimal
N52° 30' 0"	W5° 0' 0"	52.50000	-5.00000
N52° 30' 1"	W4° 37' 37"	52.50031	-4.62696
N52° 37' 24"	W4° 38' 25"	52.62339	-4.64041
N52° 39' 40"	W4° 31' 57"	52.66119	-4.53256
N52° 34' 32"	W4° 21' 42"	52.57545	-4.36167
N52° 30' 2"	W4° 15' 4"	52.50061	-4.25105
N52° 25' 35"	W4° 7' 47"	52.42647	-4.12976
N52° 16' 13"	W4° 14' 37"	52.27015	-4.24373
N52° 21' 23"	W4° 20' 0"	52.35643	-4.3332
N52° 10' 36"	W4° 43' 54"	52.17678	-4.73164
N52° 5' 18"	W4° 47' 18"	52.08837	-4.7884
N52° 2' 33"	W4° 59' 55"	52.04261	-4.99859

The ground to the north of the Llyn Peninsula will be sampled on one day between 06:00 and 19:00 on 11th June 2025.

Map 3 displays the geometry of the survey area in greater detail, and the coordinates are also displayed in tabular format after.

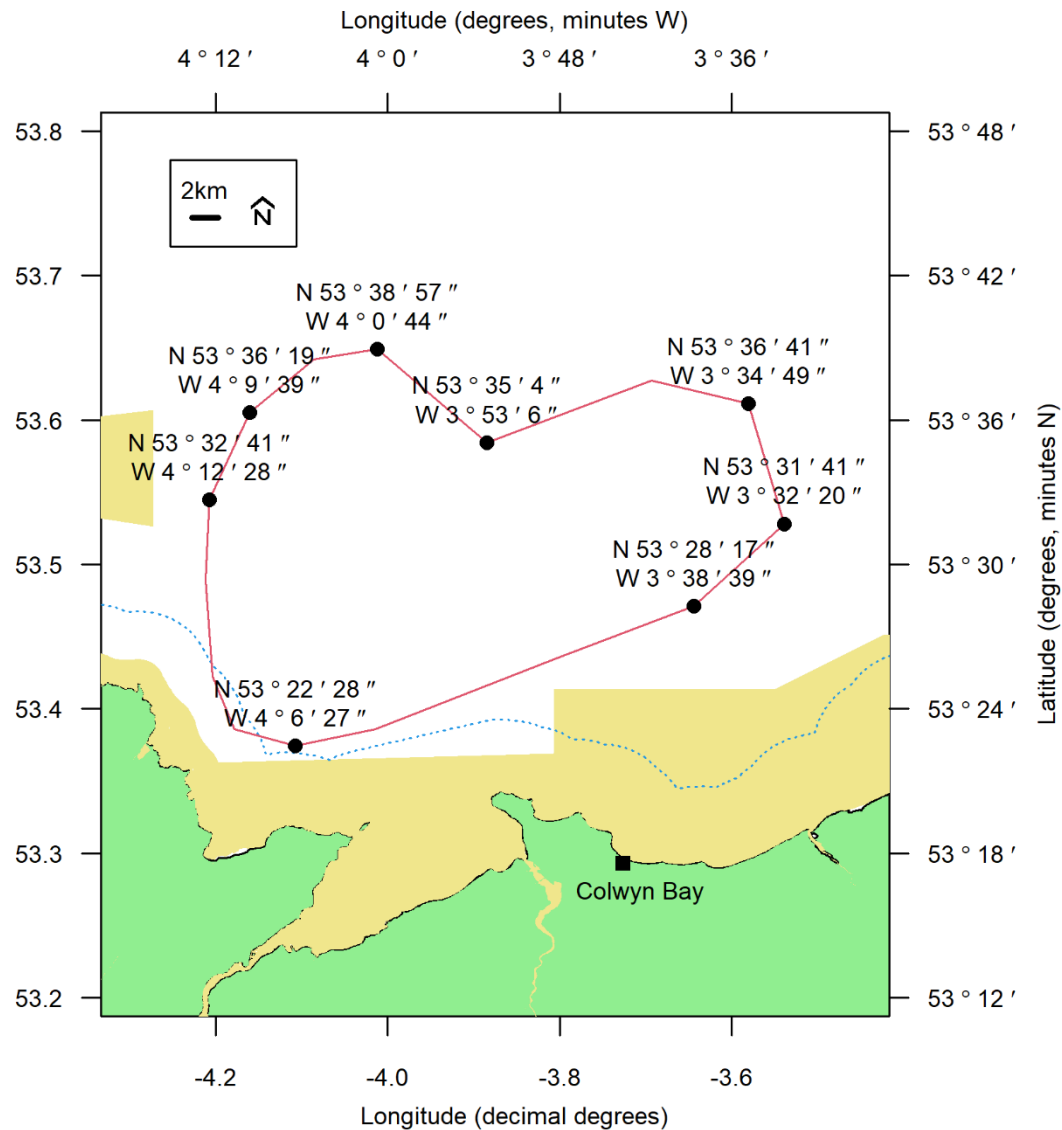
Map 3: Survey area north of the Llyn Peninsula



Liverpool Bay/north-east Anglesey will be sampled on one day between 06:00 and 12:00 on 12th June 2025.

Map 4 displays the geometry of the survey area in greater detail, and the coordinates are also displayed in tabular format after.

Map 4: Liverpool Bay survey area



Latitude Degree Minute Seconds	Longitude Degree Minute Seconds	Latitude Decimal	Longitude Decimal
N53° 32' 41"	W4° 12' 28"	53.54466	-4.20783
N53° 36' 19"	W4° 9' 39"	53.60522	-4.1608
N53° 38' 57"	W4° 0' 44"	53.64903	-4.01231
N53° 35' 4"	W3° 53' 6"	53.58444	-3.88491
N53° 36' 41"	W3° 34' 49"	53.61145	-3.58029
N53° 31' 41"	W3° 32' 20"	53.52813	-3.53902
N53° 28' 17"	W3° 38' 39"	53.4713	-3.64416
N53° 22' 28"	W4° 6' 27"	53.37441	-4.10751

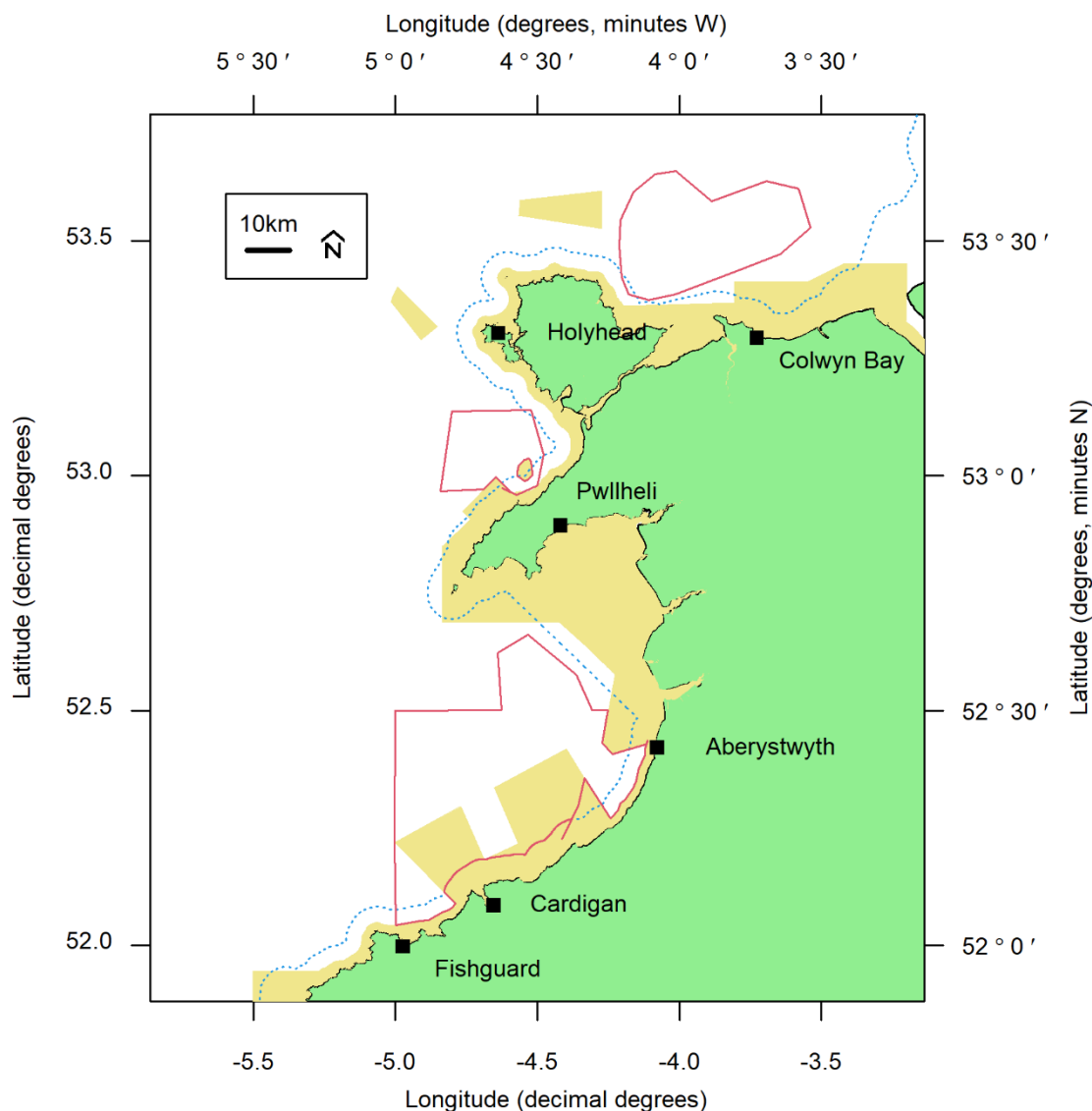
Hysbysiad i Forwyr: Arolwg Cregyn Bylchog Blynyddol Cymru, Mehefin 2025

Mae Prifysgol Bangor a Llywodraeth Cymru yn bwriadu cynnal arolwg o Fae Lerpwl/Gogledd-ddwyrain Ynys Môn, gogledd Pen Llŷn a Bae Aberteifi gan ddefnyddio yr RV Prince Madog o'r 6ed i'r 12fed o Fehefin 2025. Mae Map 1 yn dangos y tair ardal arolwg hyn. Mae Atodiad 1 a 2 yn rhoi canolbwyntiau'r safleoedd arfaethedig.

Cydlynwch â'r llong yn ystod y cyfnod hwn. Noder y gall y lleoliadau samplu amrywio o fewn y cyfnod hwn oherwydd y tywydd a ffactorau eraill.

Cysylltwch â'r llong ar 07860342451 neu drwy'r radio.

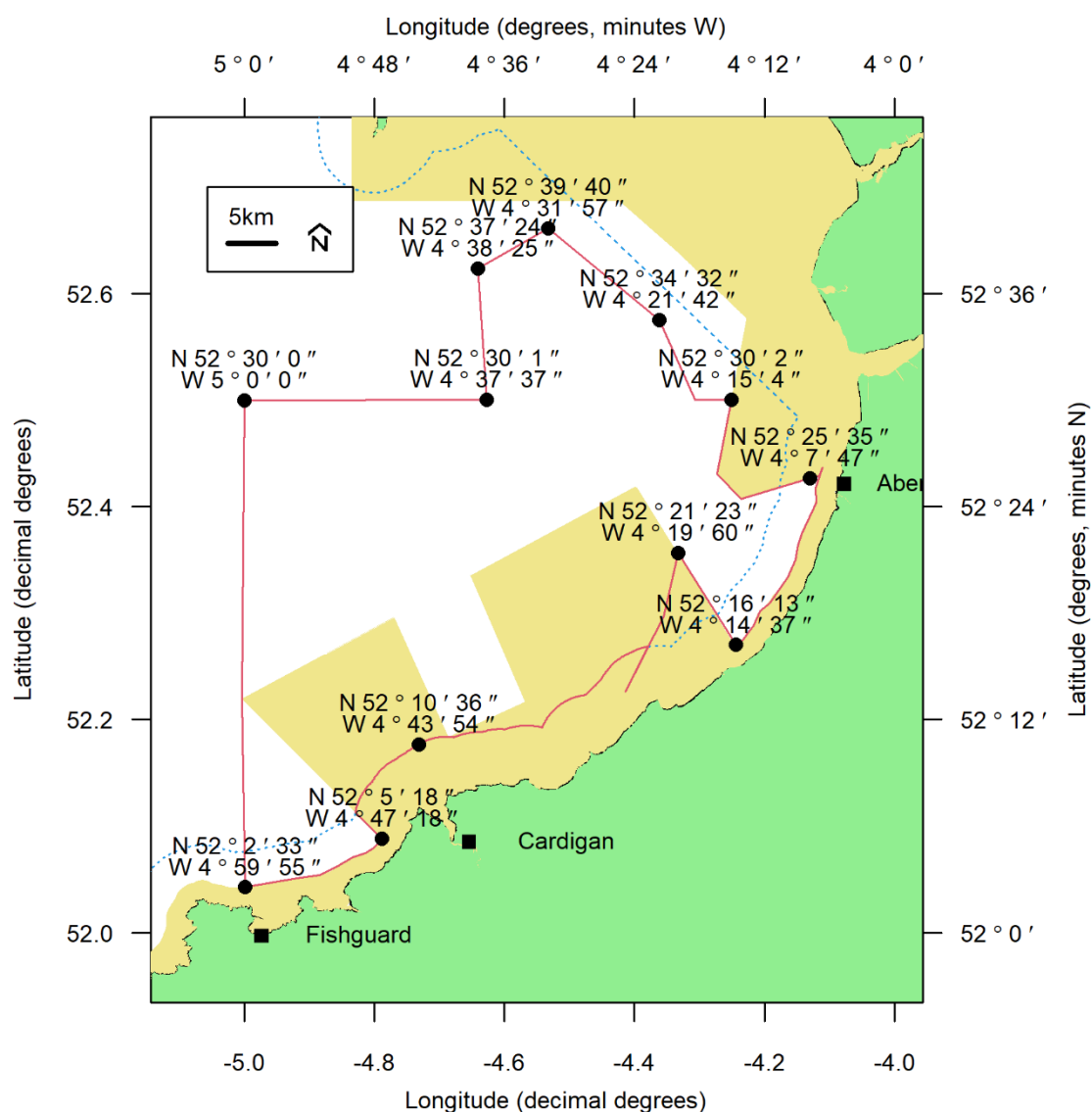
Map 1: Y tair ardal arolwg



Mae'r mapiau canlynol yn rhoi rhagor o fanylion am yr arolwg ym mhob lleoliad.

Bydd samplu Bae Aberteifi yn cael ei gymryd rhwng 6 a 11 Mehefin 2025. Bydd samplu carthu yn gyfyngedig i'r oriau rhwng 06:00 a 19:00 ar bob un o'r dyddiau hyn. Efallai y byddwn yn cymryd samplu âamera wedi'i dynnu a thrawlio trawst yn ystod y nosweithiau. Mae Map 2 yn dangos geometreg yr ardal arolwg yn fanylach, ac mae'r cyfesurynnau hefyd yn cael eu harddangos ar ffurf tablau wedyn.

Map 2: Ardal arolwg Bae Aberteifi

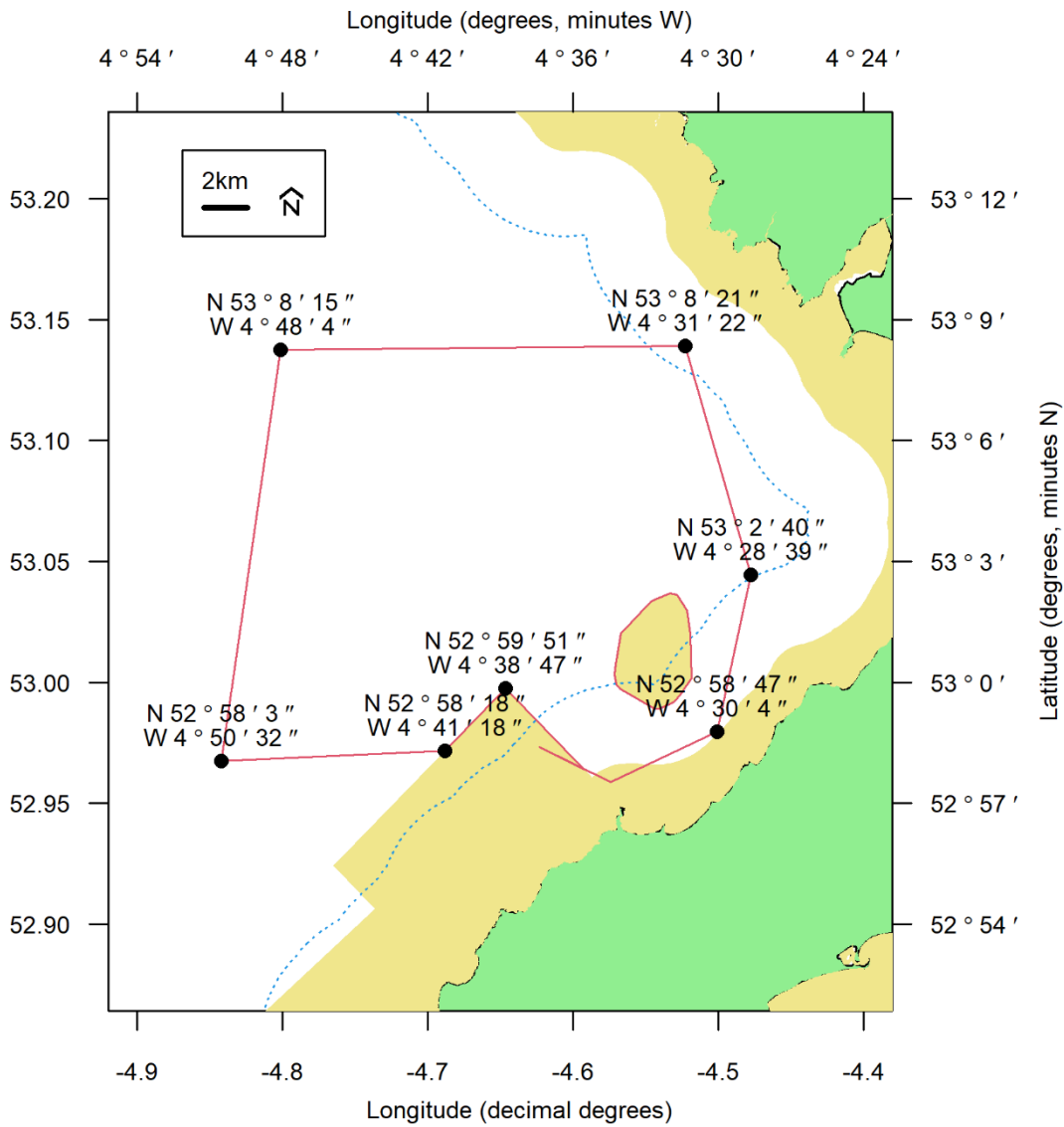


Gradd Lledred Munudau Eiliadau	Gradd Hydred Munudau Eiliadau	Lledred Degol	Hydred Degol
N52° 30' 0"	W5° 0' 0"	52.5	-5
N52° 30' 1"	W4° 37' 37"	52.50031	-4.62696
N52° 37' 24"	W4° 38' 25"	52.62339	-4.64041
N52° 39' 40"	W4° 31' 57"	52.66119	-4.53256
N52° 34' 32"	W4° 21' 42"	52.57545	-4.36167
N52° 30' 2"	W4° 15' 4"	52.50061	-4.25105
N52° 25' 35"	W4° 7' 47"	52.42647	-4.12976
N52° 16' 13"	W4° 14' 37"	52.27015	-4.24373
N52° 21' 23"	W4° 20' 0"	52.35643	-4.3332
N52° 10' 36"	W4° 43' 54"	52.17678	-4.73164
N52° 5' 18"	W4° 47' 18"	52.08837	-4.7884
N52° 2' 33"	W4° 59' 55"	52.04261	-4.99859

Bydd y tir i'r gogledd o Pen Llŷn yn cael ei samplu ar un diwrnod rhwng 06:00 a 19:00 ar 11 Mehefin 2025.

Mae Map 3 yn dangos geometreg ardal yr arolwg yn fanylach, ac mae'r cyfesurynnau hefyd yn cael eu harddangos mewn tabl wedyn.

Map 3: Ardal yr arolwg i'r gogledd o Pen Llŷn

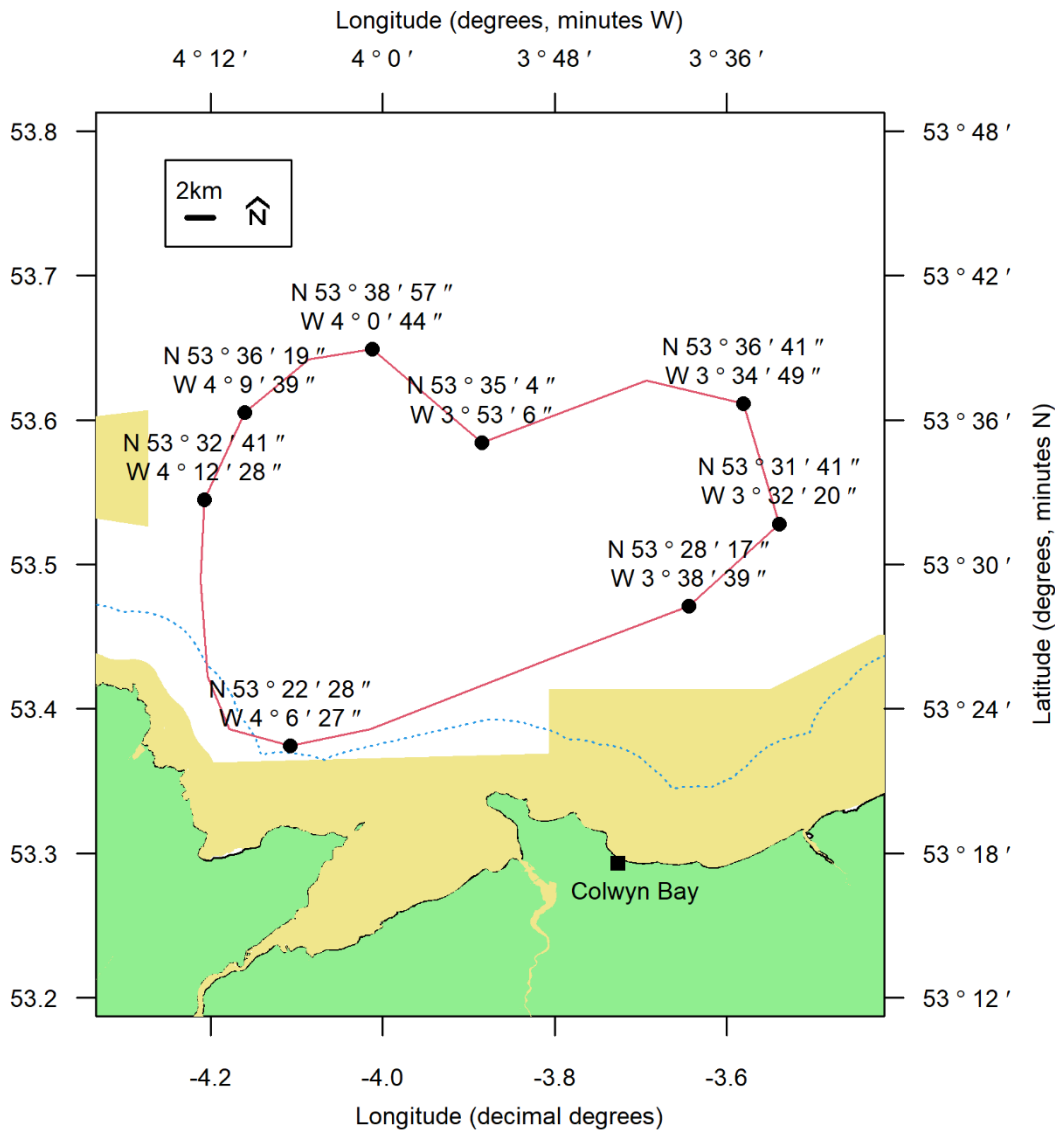


Gradd Lledred Munudau Eiliadau	Gradd Hyddred Munudau Eiliadau	Lledred Degol	Hyddred Degol
N53° 8' 15"	W4° 48' 4"	53.13747	-4.80118
N53° 8' 21"	W4° 31' 22"	53.13921	-4.52275
N53° 2' 40"	W4° 28' 39"	53.04445	-4.4775
N52° 58' 47"	W4° 30' 4"	52.97966	-4.50105
N52° 59' 51"	W4° 38' 47"	52.99763	-4.64637
N52° 58' 18"	W4° 41' 18"	52.97162	-4.68837
N52° 58' 3"	W4° 50' 32"	52.9675	-4.84219

Caiff Bae Lerpwl/gogledd-ddwyrain Ynys Môn yn cael ei samplu ar un diwrnod rhwng 06:00 ar a 12:00 ar 12 Mehefin 2025.

Mae Map 4 yn dangos geometreg ardal yr arolwg yn fanylach, ac mae’r cyfesurynnau hefyd wedi’u harddangos mewn tabl wedi hynny.

Map 4: Ardal arolwg Bae Lerpwl



Gradd Lledred Munudau Eiliadau	Gradd Hydreid Munudau Eiliadau	Lledred Degol	Hydreid Degol
N53° 32' 41"	W4° 12' 28"	53.54466	-4.20783
N53° 36' 19"	W4° 9' 39"	53.60522	-4.1608
N53° 38' 57"	W4° 0' 44"	53.64903	-4.01231
N53° 35' 4"	W3° 53' 6"	53.58444	-3.88491
N53° 36' 41"	W3° 34' 49"	53.61145	-3.58029
N53° 31' 41"	W3° 32' 20"	53.52813	-3.53902
N53° 28' 17"	W3° 38' 39"	53.4713	-3.64416
N53° 22' 28"	W4° 6' 27"	53.37441	-4.10751

Appendix 1. Scallop stations to be surveyed in Welsh Waters 2025. Areas: LB – Liverpool Bay, LP – Llyn Peninsula, CB – Cardigan Bay. *Gorsafoedd cregyn bylchog i'w harolygu yn Nyfroedd Cymru 2025. Ardaloedd: LB – Bae Lerpwl, LP – Penrhyn Llŷn, CB – Bae Aberteifi.*

Station	Strata	Gear	Management	Long	Lat
1	CB_Buffer	Dredge	Open	-4.99263	52.6073
2	CB_Buffer	Dredge	Open	-4.88765	52.58768
3	CB_Buffer	Dredge	Open	-4.93475	52.44442
4	CB_Buffer	Dredge	Open	-4.98701	52.6251
5	CB_Buffer	Dredge	Open	-4.37601	52.63765
6	CB_Buffer	Camera	Open	-4.16661	52.36098
7	CB_Buffer	Camera	Open	-4.16953	52.3577
8	CB_Buffer	Camera	Open	-4.91461	52.06557
9	CB_Closed	Dredge	Closed	-4.89253	52.15755
10	CB_Closed	Dredge	Closed	-4.58253	52.20344
11	CB_Closed	Dredge	Closed	-4.5289	52.30397
12	CB_Closed	Dredge	Closed	-4.45048	52.3063
13	CB_Closed	Camera	Closed	-4.5085	52.17085
14	CB_Closed	Dredge	Closed	-4.91843	52.19414
15	CB_Closed	Dredge	Closed	-4.43192	52.34766
16	CB_Closed	Dredge	Closed	-4.84024	52.20034
17	CB_Closed	Camera	Closed	-4.49787	52.19567
18	CB_Closed	Camera	Closed	-4.52115	52.17759
19	CB_Closed	Dredge	Closed	-4.54185	52.20389
20	CB_Closed	Dredge	Closed	-4.40614	52.29551
21	CB_Closed	Dredge	Closed	-4.55491	52.30987
22	CB_Closed	Dredge	Closed	-4.44159	52.32513
23	CB_Closed	Dredge	Closed	-4.88119	52.23319
24	CB_Closed	Dredge	Closed	-4.91576	52.23976
25	CB_Closed	Dredge	Closed	-4.43342	52.35997
26	CB_Closed	Camera	Closed	-4.41259	52.25126
27	CB_Closed	Dredge	Closed	-4.58553	52.20358
28	CB_Closed	Dredge	Closed	-4.52441	52.29484
29	CB_Closed	Dredge	Closed	-4.91404	52.17141
30	CB_Closed	Dredge	Closed	-4.91015	52.16862
31	CB_Closed	Camera	Closed	-4.56654	52.24046
32	CB_Closed	Dredge	Closed	-4.71953	52.15666
33	CB_Closed	Camera	Closed	-4.31349	52.27462
34	CB_Fished	Dredge	Open	-4.43557	52.51307
35	CB_Fished	Dredge	Open	-4.72051	52.46502
36	CB_Fished	Dredge	Open	-4.50827	52.65223
37	CB_Fished	Dredge	Open	-4.44976	52.42083
38	CB_Fished	Dredge	Open	-4.59403	52.64683
39	CB_Fished	Dredge	Open	-4.72127	52.50341
40	CB_Fished	Dredge	Open	-4.61254	52.36195
41	CB_Fished	Dredge	Open	-4.52238	52.57664

42	CB_Fished	Dredge	Open	-4.56935	52.61951
43	CB_Fished	Dredge	Open	-4.58095	52.58677
44	CB_Fished	Dredge	Open	-4.82239	52.36936
45	CB_Fished	Dredge	Open	-4.55508	52.61082
46	CB_Fished	Dredge	Open	-4.85178	52.35161
47	CB_Fished	Dredge	Open	-4.57803	52.53352
48	CB_Fished	Dredge	Open	-4.41669	52.60455
49	CB_Fished	Dredge	Open	-4.52293	52.39003
50	CB_Fished	Dredge	Open	-4.41631	52.44681
51	CB_Fished	Dredge	Open	-4.44194	52.533
52	CB_Fished	Dredge	Open	-4.75357	52.48152
53	CB_Fished	Dredge	Open	-4.57658	52.50434
54	CB_Fished	Dredge	Open	-4.68102	52.42856
55	CB_Fished	Dredge	Open	-4.66506	52.41092
56	CB_ExpBox	Dredge	Closed	-4.83708	52.24013
57	CB_ExpBox	Dredge	Closed	-4.77213	52.17522
58	CB_ExpBox	Dredge	Closed	-4.80802	52.20137
59	CB_ExpBox	Dredge	Closed	-4.77649	52.28539
60	CB_ExpBox	Dredge	Closed	-4.77963	52.26412
61	CB_ExpBox	Dredge	Closed	-4.74625	52.19354
62	CB_ExpBox	Dredge	Closed	-4.76601	52.24608
63	CB_ExpBox	Dredge	Closed	-4.74024	52.24453
64	CB_ExpBox	Dredge	Closed	-4.81711	52.27272
65	CB_ExpBox	Dredge	Closed	-4.77015	52.24815
66	CB_ExpBox	Dredge	Closed	-4.79462	52.21421
67	CB_ExpBox	Dredge	Closed	-4.85298	52.24977
68	CB_ExpBox	Dredge	Closed	-4.86079	52.2432
69	CB_ExpBox	Dredge	Closed	-4.8064	52.21166
70	CB_ExpBox	Dredge	Closed	-4.83847	52.26697
71	CB_ExpBox	Camera	Closed	-4.76262	52.16416
72	CB_ExpBox	Dredge	Closed	-4.81075	52.20964
73	CB_Kaiser	Dredge	Open	-4.66658	52.24943
74	CB_Kaiser	Dredge	Open	-4.64647	52.29378
75	CB_Kaiser	Dredge	Open	-4.6442	52.2827
76	CB_Kaiser	Dredge	Open	-4.6642	52.30107
77	CB_Kaiser	Dredge	Open	-4.66674	52.20156
78	CB_Kaiser	Dredge	Open	-4.70959	52.30951
79	CB_Kaiser	Dredge	Open	-4.73923	52.26052
80	CB_Kaiser	Dredge	Open	-4.7395	52.26706
81	Liverpool	Dredge	Open	-3.74128	53.54726
82	Liverpool	Dredge	Open	-4.06258	53.61221
83	Liverpool	Dredge	Open	-3.6846	53.48881
84	Liverpool	Dredge	Open	-4.05528	53.63502
85	Liverpool	Dredge	Open	-3.87894	53.49774
86	Liverpool	Dredge	Open	-4.02896	53.48644
87	Liverpool	Dredge	Open	-3.62185	53.54807

88	Liverpool	Dredge	Open	-3.89889	53.42038
89	Liverpool	Dredge	Open	-3.79856	53.56351
90	Liverpool	Dredge	Open	-4.15781	53.55725
91	Llyn_Buffer	Dredge	Open	-4.91879	52.69385
92	Llyn_Buffer	Dredge	Open	-4.88103	52.98766
93	Llyn_Buffer	Dredge	Open	-4.97181	52.93094
94	Llyn_Buffer	Dredge	Open	-4.92113	52.8843
95	Llyn_Buffer	Dredge	Open	-4.95457	52.9116
96	Llyn_Fished	Camera	Open	-4.58723	52.97018
97	Llyn_Fished	Dredge	Open	-4.71709	53.00125
98	Llyn_Fished	Dredge	Open	-4.77126	53.1132
99	Llyn_Fished	Dredge	Open	-4.81382	52.96937
100	Llyn_Fished	Dredge	Open	-4.81974	53.04407

Appendix 2. Habitat Stations to be surveyed with beam trawl/camera sled. *Gorsafoedd*
Cynefin i'w harolygu gyda thrall trawst/sled camera.

HAB_Stn	Lontitude	Latitude
HAB_1	-4.93342	52.21245
HAB_10	-4.83365	52.24658
HAB_11	-4.81858	52.21153
HAB_12	-4.81277	52.17073
HAB_13	-4.8121	52.26445
HAB_14	-4.80257	52.19002
HAB_15	-4.7958	52.24033
HAB_16	-4.77523	52.21873
HAB_17	-4.77457	52.15928
HAB_18	-4.76557	52.1771
HAB_19	-4.76555	52.18883
HAB_2	-4.91335	52.19233
HAB_20	-4.75133	52.2659
HAB_21	-4.75048	52.21213
HAB_22	-4.74383	52.2508
HAB_24	-4.73942	52.20185
HAB_25	-4.71795	52.22262
HAB_26	-4.58098	52.23257
HAB_27	-4.57263	52.31564
HAB_28	-4.57169	52.34107
HAB_29	-4.56654	52.24046
HAB_3	-4.90012	52.17002
HAB_30	-4.55612	52.36244
HAB_31	-4.54581	52.34213
HAB_32	-4.52522	52.30163
HAB_33	-4.51575	52.35207
HAB_34	-4.45048	52.3063
HAB_35	-4.44159	52.32513

HAB_36	-4.43342	52.35997
HAB_37	-4.42566	52.34724
HAB_38	-4.41259	52.25126
HAB_39	-4.40614	52.29551
HAB_4	-4.89422	52.24312
HAB_40	-4.37905	52.34663
HAB_41	-4.36365	52.36833
HAB_42	-4.31349	52.27462
HAB_5	-4.88083	52.18238
HAB_6	-4.87528	52.21117
HAB_7	-4.85903	52.14302
HAB_8	-4.85618	52.23672
HAB_9	-4.84128	52.19412