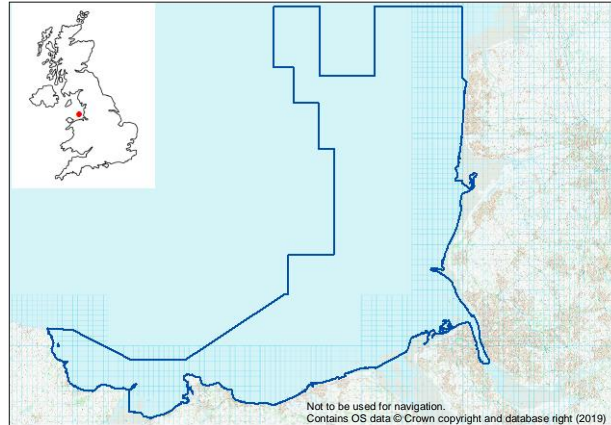


Liverpool Bay SPA

Description:

Liverpool Bay special protection area (SPA) is in the east of the Irish Sea, bordering the coastlines of northwest England and north Wales, and running as a broad arc from Morecambe Bay to the east coast of Anglesey. The SPA encompasses marine areas supporting large aggregations of wintering red-throated diver and common scoter. The SPA also hosts important marine foraging areas for little terns breeding within the Dee Estuary SPA, and foraging areas for common terns breeding at the Mersey Narrows & North Wirral Foreshore SPA.



Qualifying features:

The Liverpool Bay SPA site supports non-breeding red-throated diver (*Gavia stellata*), little gull (*Hydrocoloeus minutus*), and common scoter (*Melanitta nigra*), as well as breeding common tern (*Sterna hirundo*) and little tern (*Sterna albifrons*). The site also supports an internationally important waterbird assemblage.

Management:

None raised.

Stakeholder Concerns:

None raised.

MPA: Liverpool Bay SPA				No. Stakeholders: 1 online & 8 workshop			
Activity	Frequency	Duration	Participation	Intensity	Confidence	MPA Extent	Trend
Board sports	2	3	2	12	H	1	?
Geophysical surveys	?	?	?	?	?	?	?
Motor boating	2	3	1	6	H	1	?
Jetskis	3	2	1	6	M	2	?
Paddle sports	2	3	3	18	H	1	?
Parascending	0	0	0	0	H	0	➔
Sailing (non-motorised)	2	3	3	18	H	1	?
SCUBA diving	2	2	?	?	L	1	?
Swimming / Snorkelling	0	0	0	0	H	0	➔
Towed water sports	?	?	?	?	?	?	?
Wildlife watching from the sea	?	?	?	?	L	?	?
Bait collection	?	?	?	?	L	?	?
Beach recreation	0	0	0	0	?	0	➔
Coasteering	0	0	0	0	?	0	➔
Land boarding	0	0	0	0	?	0	➔
Motorsports (quad bikes, motorbikes)	0	0	0	0	?	0	➔
Vehicle access (cars on foreshore)	0	0	0	0	?	0	➔
Wildlife watching from the land	?	?	?	?	?	?	?
Drone use	?	?	?	?	?	?	?
Gliding (unpowered)	0	0	0	0	M	0	➔
Aircraft (powered)	3	3	4	36	M	1	➔

KEY

FREQUENCY	DURATION	PARTICIPATION	INTENSITY	CONFIDENCE	EXTENT	TREND
4 Regular/daily	4 >8 hours	6 >100	45-96 High	H High	2 Whole MPA (solid)	⬆ Increase
3 Regular/weekends	3 4-8 hours	5 51-100	24-40 Med-high	M Medium	1 Part of MPA (shaded)	➔ Stay the same
2 Seasonally	2 2-4 hours	4 21-50	9-20 Low-med	L Low	0 Does not occur	⬇ Decrease
1 Sporadically	1 <2 hours	3 11-20	1-8 Low	? Data missing	? Data missing	? Data missing
0 Does not occur	0 Does not occur	2 6-10	0 Does not occur			
? Data missing	? Data missing	1 1-5	? Data missing			
		0 Does not occur				
		? Data missing				



Marine
Management
Organisation

Non-licensable activities which occur within the Liverpool Bay SPA

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Water based activities

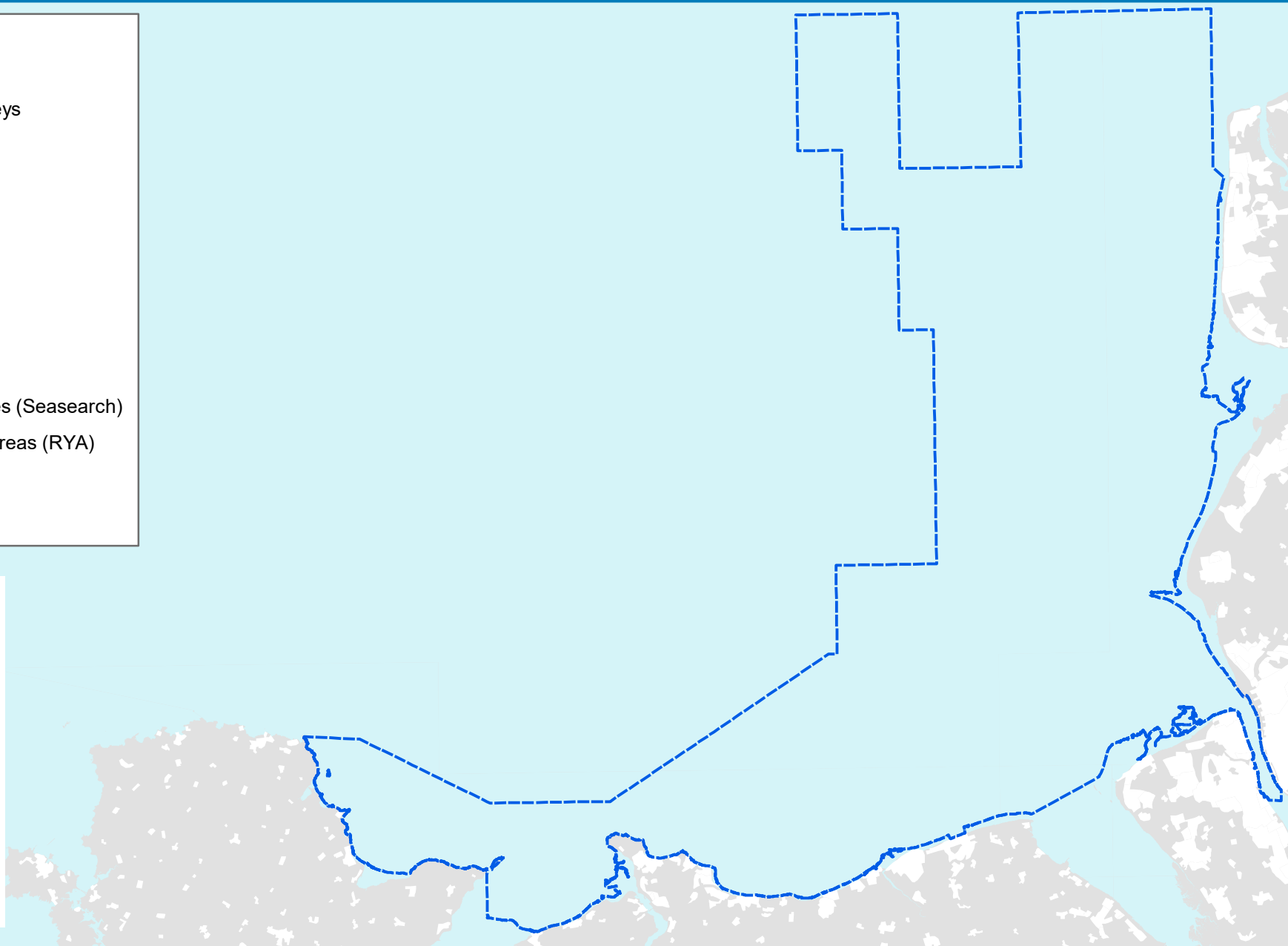
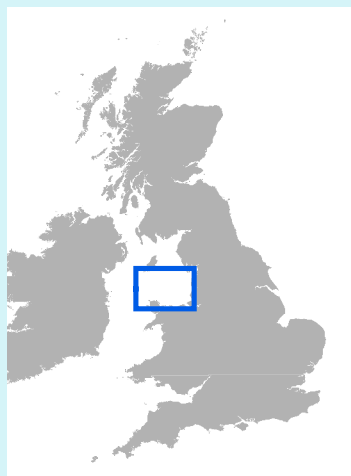
- Board sports
- Geophysical surveys
- Jetskis
- Paddle sports
- Sailing

Aerial activities

- Drone use
- Aircraft (powered)

Supplementary data






- SCUBA diving sites (Seasearch)
- General boating areas (RYA)
- MPA boundary



Marine Protected Area Designated Features - SPA Supporting Habitats






Mudflats and sandflats not covered by seawater at low tide (H1140) polygons

SPA_SF CODE

-  Intertidal coarse sediment (A2.1)
-  Intertidal sand and muddy sand (A2.2)
-  Intertidal mud (A2.3)
-  Intertidal mixed sediments (A2.4)
-  Intertidal seagrass beds (A2.61)








Sandbanks which are slightly covered by sea water all the time (H1110) polygons

SPA_SF CODE

-  Subtidal coarse sediment (A5.1)
-  Subtidal sand (A5.2)
-  Subtidal mud (A5.3)
-  Subtidal mixed sediment (A5.4)
-  Subtidal seagrass beds (A5.53)








Reefs (H1170) points

SPA_SF CODE

-  Intertidal rock (A1)
-  Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)
-  Intertidal biogenic reefs: mussel beds (SF_SH_5)
-  Infralittoral rock (A3)
-  Circalittoral rock (A4)
-  Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)
-  Subtidal biogenic reefs: mussel beds (SF_SH_6)

Reefs (H1170) polygons

SPA_SF CODE

-  Intertidal rock (A1)
-  Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)
-  Intertidal biogenic reefs: mussel beds (SF_SH_5)
-  Infralittoral rock (A3)
-  Circalittoral rock (A4)
-  Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)
-  Subtidal biogenic reefs: mussel beds (SF_SH_6)

SPA_SF CODE

-  Saltmarsh (A2.5)