

# NOTICE TO MARINERS

## No69 – 2024

### PORT OF LIVERPOOL

#### FISH SURVEYS

NOTICE IS HEREBY GIVEN that fish and plankton surveys will be undertaken within the Port of Liverpool from 1 October 2024. These surveys are expected to take two weeks to complete.

The following survey methods will be used at various locations:

##### **Beach Seine Nets**

Beach seine nets will be deployed from exposed intertidal areas, and survey team members will remain on-site during each survey. In some survey areas, a RIB will be utilized to assist with deploying and recovering the nets.



## Fyke Nets

Fyke nets will be deployed and left in situ over 12-hour tidal cycles. The nets will be marked by buoys.



## Beam Trawling

Depending on the water depth, beam trawling will be undertaken using either a RIB or the survey vessel *Katabatic*. Beam trawling will involve towing a 1.5m wide beam trawl against the tide for ten minutes over a distance of 200m. The beam trawling gear will extend astern of the towing vessel at a distance of roughly three times the prevailing water depth. The beam trawling planned for Eastham Channel, Garston Channel, and off Rock Ferry will be planned around commercial vessel movements.

## Plankton Towing

Depending on the water depth, plankton towing will be undertaken using either a RIB or the survey vessel *Katabatic*. Plankton towing will involve towing a plankton sampler against the tide for fifteen minutes over a distance of 200m. The plankton sampler gear will extend astern of the towing vessel at a distance of roughly three times the prevailing water depth. The plankton towing planned for Eastham Channel and Garston Channel will be planned around commercial vessel movements.

Details of the survey areas, survey methods, and craft to be utilized are as follows:

Location name	Lat.	Long.	Beach seine	Fyke net	Beam trawl	Plankton tow	Craft	Survey week
Leasowe Channel	53.419579	-3.11002	x				RIB	W/C 30.9.24
Leasowe Channel	53.41189	-3.14146		x			None	
New Brighton small vessel channel	53.439865	-3.05983	x				RIB	
New Brighton	53.440238	-3.03262	x				RIB	
Shorefields/Rock Ferry	53.368138	-2.9956	x				RIB	
Eastham Sands, south side	53.305802	-2.9167	x				RIB	
Stanlow Beach/Bank	53.3204	-2.94444		x			RIB	
Stanlow Beach/Bank	53.3204	-2.94444	x				RIB	
Frodsham Score	53.3144	-2.75449		x			RIB	
Adjacent to Ineos, southside	53.325233	-2.76966			x		RIB	
Adjacent to Ineos, southside	53.323862	-2.7635		x			RIB	
Silver Jubilee Bridge (secondary channel)	53.347377	-2.73189			x	x	RIB	
Silver Jubilee Bridge (secondary channel)	53.34637	-2.71445		x			None	
Astmoor Marshes/Fiddlers Ferry	53.358081	-2.69771			x	x	RIB	
Astmoor Marshes/Fiddlers Ferry	53.357623	-2.69764		x			None	
Mersey Gateway crossing	53.358626	-2.71085			x		RIB	
Pickerings Pasture, main channel	53.344315	-2.76575			x	x	RIB	
Pickerings Pasture, main channel	53.341216	-2.75972	x	x			RIB	
Oglet Bay	53.332619	-2.82133		x			RIB	
Oglet Bay	53.330913	-2.8211			x		RIB	
Pluckington Bank, north side	53.392967	-2.99	x				RIB	
Crosby Beach	53.477348	-3.04358	x				RIB	
Leasowe Channel	53.421934	-3.11201			x	x	Katabatic	W/C 7.10.24
New Brighton small vessel channel	53.447941	-3.05538			x	x	Katabatic	
New Brighton	53.440238	-3.03262			x		Katabatic	
Shorefields/Rock Ferry	53.370451	-2.98767			x		Katabatic	
Eastham Channel	53.328399	-2.95131			x	x	Katabatic	
Approaches to Garston Channel	53.34914	-2.91291			x	x	Katabatic	

A further Notice will be issued when the surveys have been completed.