

Nova Scotia White Shark & Shipping Atlas

Scientific-style offline prototype • Version 0.6 • 28 July 2026

Interpretation

This map shows public tagging metadata, DFO white-shark observations, publicly described movement regions, and generalized shipping corridors. It does **not** demonstrate physical contact, collision, or exact ping-level overlap.

Layers

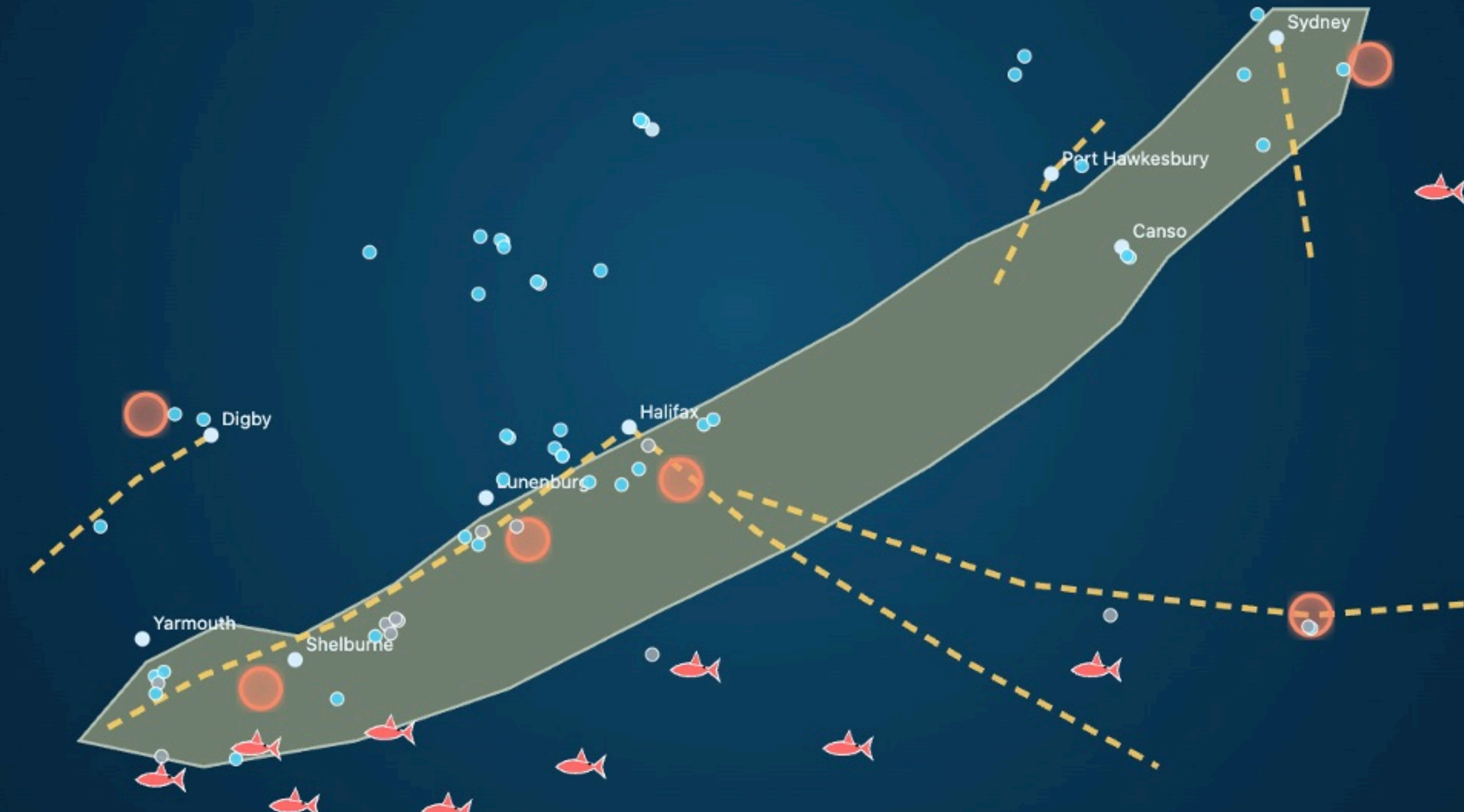
- ☒ Shipping corridors
- ☒ Shark-use regions
- ☒ Tagged-shark records
- ☒ DFO sightings (64 NS records)
- ☒ Ports

Legend

- Generalized vessel corridor
- Public movement region
- Tagged-shark record
- DFO observation

DFO dataset

64 Nova Scotia observations from 115 Atlantic Canadian records (1873–2022). Blue points use approximate offshore display positions derived from the published location labels because the downloadable CSV does not include coordinates. Click a point for record details.



Offline schematic map • Not for navigation • Coordinates in WGS84

Find a shark

Search name, sex, stage

Scot Male, Mature

Hali Female, Juvenile

Sable Female, Juvenile

Sarah Female, Juvenile

Maple Female, Sub-adult

Ulysses Male, Mature

Co-occurrence screening

Approximate proximity from generalized shark-use regions to schematic route lines.

Area	Nearest route	Index
West Ironbound Island / Lunenburg	Southwest coastal corridor	High
Scatarie Island / Cape Breton	Cape Breton approach	Moderate
Sable Island waters	Sable offshore corridor	High
Shelburne–Yarmouth coast	Southwest coastal corridor	High
Halifax approaches	Sable offshore corridor	High
Bay of Fundy approaches	Bay of Fundy route	Moderate

Methods & Sources

Every linked source below supports a map layer, shark profile, or interpretation note. Links open in a new tab when internet access is available; the atlas itself remains usable offline.

White-shark tracking and expeditions

- [OCEARCH Global Shark Tracker](#) — public shark profiles and movement displays.
- [OCEARCH Expeditions](#) — expedition background and research program information.
- [Nova Scotia 2019 expedition report](#) — tagging totals and research locations.
- [Nova Scotia 2022 expedition report](#) — names, measurements, life stage, and expedition results for the 10 displayed sharks.
- [OCEARCH Nova Scotia research overview](#) — regional ecological and expedition context.

DFO white-shark observations

Shipping routes and navigation

Species status and scientific literature

Basemap references

Precision note: DFO observation symbols use approximate offshore display positions derived from published location labels where coordinate fields were absent from the downloadable CSV. Tagged-shark symbols represent publicly described offshore movement or research regions unless an exact public coordinate is explicitly documented. Shipping lines are generalized screening corridors and are not AIS vessel tracks or navigation-grade geometries.