

# Mainstay Geolocation

Get clear insight into vessel movements and location-based risks with Mainstay Geolocation. As a fully integrated, expansion module, Geolocation helps you detect suspicious activity, review performance and support confident decisions across your assurance workflows.



## Better Understand Vessel Movements. Better Detect Risk.

The last port of call is just part of the picture. A vessel's full movement history matters when making smart chartering, vetting and operational calls.

Stay focused on what counts and alerted to what matters with Geolocation:



### Vessel Stops

Identify when a vessel remains stationary beyond a set threshold, with stops displayed to highlight key operational patterns.



### Adhoc Zones

Create and manage zones of interest to focus on the regions and behaviours that matter to your operation.



### Dark Activity Alerts

Automatically detect loss of AIS signal and highlight events that may indicate concealment or non-compliance.



### Navigation History

Review port calls, zone entries and full voyage tracks – all visible in the vessel record.



### STS Monitoring

Track ship-to-ship transfers with supporting context, including vessel IDs and timestamps.



### Environmental Insight

Monitor carbon grades, model voyage outcomes and see when vessels enter ECAs.

**864 million**

AIS messages processed per day

**31,342**

location zones tracked

**18,000**

STS detected in 2025

**600,000**

vessels tracked



## From Movement Data to Operational Insight

### Data Ingestion

Geolocation continuously receives vessel movement data from global AIS feeds.

### Pattern Recognition

Mainstay Geolocation identifies behaviours such as dark activity, STS events and entries into monitored zones.

### Event Flagging

Relevant events are flagged within the vessel's record, complete with supporting detail and timelines.

### Continuous Monitoring

The system keeps working in the background, so you always have access to the latest movement data when reviewing a vessel.

## Why Teams Trust Mainstay Geolocation

### Embedded Where You Work

No extra systems or switching screens – insights appear within your existing workflows.

### Built for Clarity

Movement patterns are clearly flagged and explained, so you can act with confidence.

### Customisable to You

Monitor the zones, vessel types and events that align with your policies and risk thresholds.

### Part of a Bigger Picture

Embedded in the Mainstay platform, every Geolocation insight feeds into your wider marine risk intelligence, building a single, unified view of marine assurance.

Mainstay Geolocation is designed to help you detect, assess and respond to location-based risk – quickly and confidently.

Visit the Geolocation page to explore full feature details or request a guided tour.



[mainstay@mismarine.com](mailto:mainstay@mismarine.com)



[mismarine.com/geolocation](https://mismarine.com/geolocation)

