exactAIS Density Maps™

exactEarth now offers density maps made to your specifications to take the complexity, time and effort out of turning millions of AIS messages into individual actionable map data. exactAIS data provides a complete view of the world’s shipping even in the most remote regions, ensuring you receive the most comprehensive data available.

Mapping density shows the concentration of features per area and are useful for showing general patterns in vessel traffic. Density Maps are an effective tool to understand a specific area quickly and see where the majority of traffic is. It is a quick means for statistics in terms of determining how many vessels pass through each defined grid cell.

With custom made density maps, users can study trends within the shipping industry and perform in depth global vessel pattern analysis.

Features:

- Standard density maps are available as:
  - View Only or Downloadable Files
  - Broken down by month as 1/4 x 1/4 degree cells, by month, and your Area of Interest
  - Each downloadable density map cell includes total vessel counts and provides a subset of our vessel types (cargo, tanker, fishing, etc.)

Note: Full customised density maps are available on request.
Benefits:

- Quickly visualise and analyse data in an easy to consume format
- Data on shipping density patterns can be useful in assessing ship strike risk, helping to protect the marine environment and the ocean life within it
- Density map patterns and data can be used to develop mitigation measures as well as analysis into the efficiency of shipping routes, saving resources and time

In depth vessel pattern analysis is now at your fingertips with a customisable exactAIS Density Map.