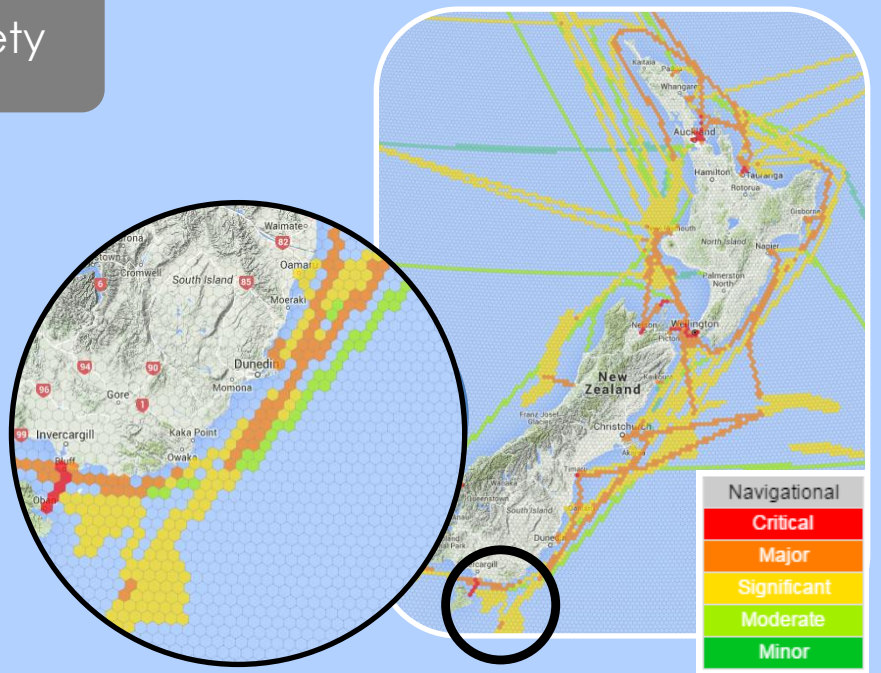


Coastal Navigation Safety

Maritime New Zealand

Part of a wider Coastal Navigation Safety Review, to support the development of an understanding of New Zealand's maritime safety risk profile.



This project was commissioned by Maritime New Zealand (MNZ) as part of a wider Coastal Navigation Safety Review, to support the development of an understanding of New Zealand's maritime safety risk profile. Navigatus examined the contributing factors and influences on maritime navigational safety risk in the coastal environment around New Zealand, determining the relative magnitude of identified safety risks, and highlighting trends.

The project involved extensive consultation, initially involving a workshop held by Navigatus, facilitated by Geraint (Navigatus Director) whose background includes 20 years as a Royal Navy officer. This workshop consisted of three experts including a senior pilot, a recently retired shipmaster, and a current shipmaster / senior master. These experts contributed to navigational hazard ratings.

In addition, MNZ hosted workshops throughout the country with suitably skilled personnel offering further localised insight into Navigational Safety issues. These workshops, combined with review of international literature and prior work compiled for MOSRA15 was used as the basis for analysis, assessment, and modelling.

The resulting navigational safety analysis:

- Assists MNZ to understand the navigational safety for oversight of any risks and provides a framework to develop interventions;
- Examines how effectively international, national and regional interventions may work as an integrated system to influence safety of navigation in New Zealand's territorial waters;
- Includes a recommended priority rating for addressing any risks identified, along with a rationale for the rating, such as specific actions that may bring about a significant improvement in risk management;
- Highlights any drivers that emerge through an examination of the information; and
- Recommends areas for further investigation where opportunities to strengthen safety management may be best exercised.

This project illustrates Navigatus' experience and track record in development of an assessment of navigational safety at a national level, combining both hard and soft data including from industry consultation. Providing a framework to inform and develop interventions and examining how interventions may work as an integrated system.