

Vessel-Check

Cloud-based aquatic biosecurity decision support tool



Why Vessel-Check?

Invasive marine pests are often introduced to marine environments through vessels, posing a significant economic and biosecurity threat to maritime industries. The cost of eradicating such marine pests is far higher than the cost of prevention.

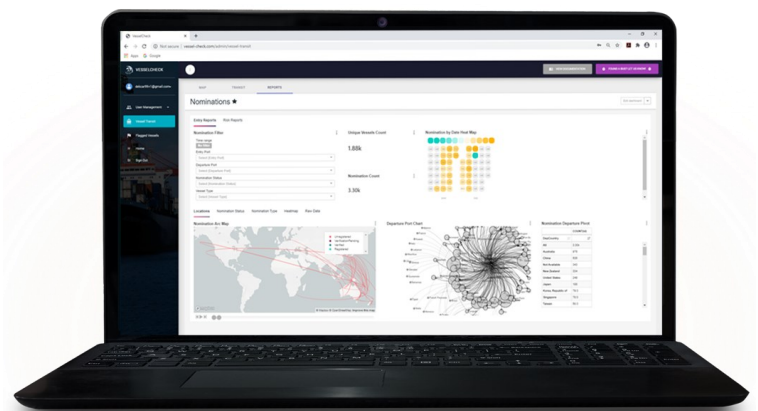
Vessel-Check supports regulators and vessel operators in protecting our waters by providing access to a centralised, global database of near real-time information on potential inbound aquatic biosecurity risks. Vessel-Check displays an automatic calculation of the aquatic biosecurity risk for each incoming vessel, in compliance with the International Maritime Organisation's (IMO) guidelines.

In just a few simple steps, Vessel-Check allows regulators to see vessel arrivals, understand a vessel's biosecurity risk and instigate proactive mitigation actions. Other benefits include the efficient allocation and prioritisation of a regulator's finite resources, thus helping to provide enhanced protection against aquatic biosecurity risks.

- **Assess whether a vessel's aquatic biosecurity management is sufficient to mitigate the transfer of invasive marine species to as low as practical**
- **Perform near real-time automated risk assessments to forecast potential aquatic biosecurity risk for vessels entering your jurisdiction (uses AIS data)**
- **Optimise resource allocation based on risk management practices and operational indicators**
- **Store all relevant vessel aquatic biosecurity information within the portal for centralised data management and sharing**
- **Customise risk parameters and documentation in accordance with your regulations**
- **Get started today—no special expertise is required to use the portal**

Key benefits

- Reduce the risk of a marine pest incursion into a jurisdiction
- Conduct automated biofouling risk assessments in line with IMO guidelines for inbound vessels
- Reduce GHG's as biofouling contributes 9% of ships emissions
- Optimise aquatic biosecurity operational resources
- Consistent and transparent methodology for budgeting and response planning
- Streamline inter-jurisdictional information sharing
- Analyse historic risk trends and biosecurity risk response
- Enable pro-active risk management



To learn more about Vessel-Check, visit: www.dhigroup.com/business-applications/Vessel-Check
To visit the Vessel-Check portal, visit: www.vessel-check.com