

Bulletin

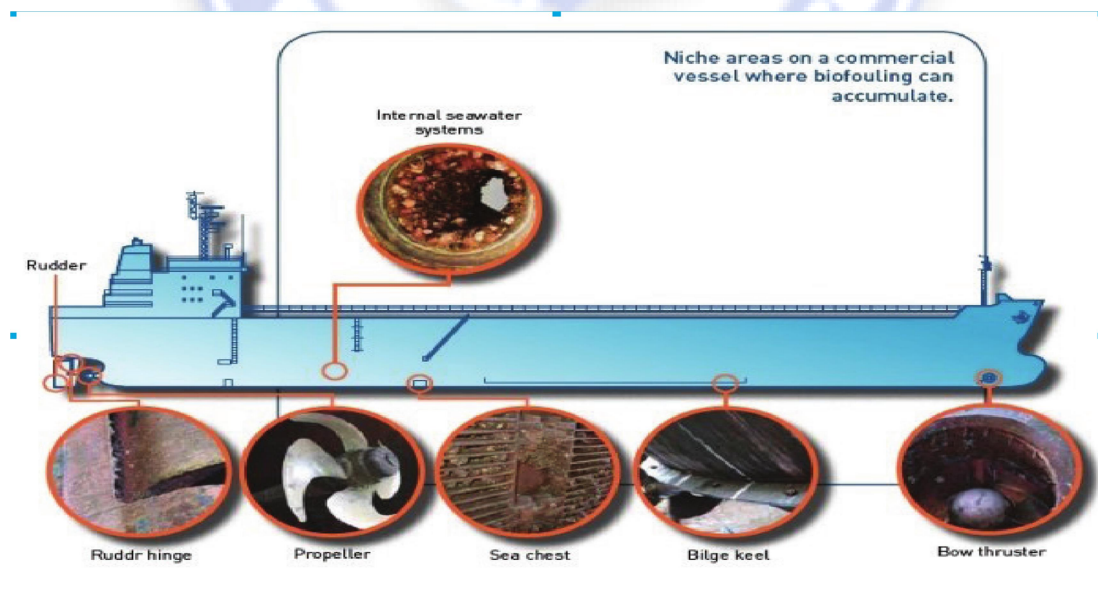
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New Zealand Ship Safety Information

---Biofouling management

Marine pests and diseases introduced by vessel hulls (biofouling) are a threat to marine environment and resources. From May 2018, all commercial and recreational vessels arriving in New Zealand will need to have a clean hull. The threshold of clean hull, which depends on the vessel's stay in New Zealand, set in Craft Risk Management Standard (CRMS) for Biofouling. The thresholds sorts two categories, short-stay and long stay standard. Short-stay means the vessels intending to stay in New Zealand for 20days or less, and to only visit ports designated as places of First Arrival; Long-stay indicates that the vessels intending to stay in New Zealand for 21 days or more, and/or to visit ports not designated as place of First Arrival.

The threshold of short-stay vessel: allowed a slime layer and gooseneck barnacles, plus small amounts of other fouling organisms on hull (<1% coverage) and niche areas (<5% coverage). Positions of Niche are as below picture shown:



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The thresholds of Long-stay vessel: only allowed a slime layer and gooseneck barnacles; no other fouling will be allowed on hull or niche areas.

There are three methods to meet the thresholds:

- 1) Cleaning the vessel hull less than 30 days before arrival in New Zealand or within 24 hours of arrival using an MPI-approved provider (you must have proof of a cleaning facility being booked within 24 hours of arrival) – Recommended for long-stay vessels.
- 2) Doing continual maintenance using best practice – Recommended for short-stay vessels.
- 3) Applying MPI approved treatments to the hull.

Vessels that cannot meet the requirements using the methods outlined above may develop a Craft Risk Management Plan to be approved by MPI.

The evidence that needs to provide to MPI according to the type of the vessel refer to the following Website:

<https://www.biosecurity.govt.nz/importing/border-clearance/vessels/arrival-process-steps/biofouling/>

For short-stay vessel, the evidences are as:

- your Biofouling Management Plan and record book
- dates and reports of dry docking
- current antifouling system certificates
- vessel operational history
- evidence of independent inspections and ongoing maintenance (such as cleaning or treatment) by suitably qualified people.

Continual maintenance involves ongoing management of biofouling, including:

- Applying antifouling coatings to the hull and niche areas of your vessel. It is important to choose a paint that matches the operational profile of your

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vessel.

- Monitoring the performance of your vessel and performing in-water inspections and cleaning when performance begins to decline.
- Operating within the specifications of the antifouling system coating.
- Proactive grooming of the slime layer. Cleaning the slime layer often will prevent larger organisms from settling and will allow the antifouling paint to be more effective.
- Having contingency plans (such as in-water inspections and in-water cleaning) for when your vessel falls out of its operational profile or the paint is damaged (repairs should be done if the antifouling system is damaged, even if it is minor).
- Renewing antifouling coatings within the specified service life.
- Treating pipework and sea chests or using Marine Growth Prevention Systems to minimize biofouling growth.

MPI will assess compliance based on documentation sent to MPI prior to a vessel's arrival. Only vessels that cannot provide evidence they meet the standard may be subject to a dive inspection. If vessels are suspected to exceed the fouling thresholds upon receipt of initial documentation, MPI will first request further proof of biofouling management. If vessels are found non-compliant they will be directed to either manage the biosecurity risk or to leave New Zealand.

CCS Australia Office
September 14, 2018

Announcement :

1. Intention is to assist and ensure owners to understand and well prepared, ensuring all updated requirements from AMSA can be met
2. For more information, please visit AMSA website at www.amsa.gov.au and CCS website at www.ccs.org.cn
3. The information contained does not and cannot supersede any AMSA or related governing parties requirements as well