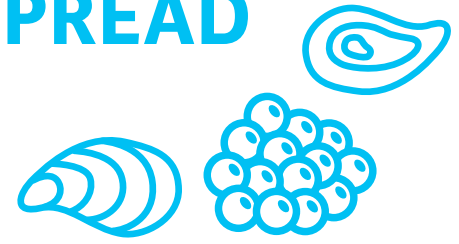


LOCAL & COASTAL CRUISING: A GUIDE TO PREVENT THE SPREAD OF INVASIVE SPECIES



Pre-season – AVOID



Plan to avoid biofouling

Select anti-fouling system based on:

- Vessel
- Location/local waters
- Expected type of cruising
 - Fast/slow, hard/soft paints
 - Non-toxic anti-fouling system

Preparation

Apply anti-fouling coating according to manufacturers instructions:

- Hull preparation
- Number of paint coats
- Temperature

Records

- Retain records of biofouling management, what product used, when applied

During cruising season – REDUCE



Reduce

Use boat regularly to reduce build up of biofouling.

For longer trips, Clean before you leave:

- Lift and clean – contain and treat any biofouling

End of season – CONTAIN



Contain biofouling at end of season

Select lift-out facility with containment for wash-water

Stop the spread
of invasive species
**AVOID REDUCE
CONTAIN**



Applicable to boats of all sizes stored afloat for the season, in marinas, harbours or moorings.

AIM:



Prevent the spread of Invasive Aquatic Species along coastlines, rivers, harbours and between islands.

WHY?



The introduction of Invasive Aquatic Species to a new area can cause significant harm to other marine life, threaten local species and biodiversity, as well as incur costs for boat owners, local business and affect livelihoods.

KEY MESSAGE:



Avoid, Reduce, Contain

Avoid - the best control is to avoid the growth of biofouling through an effective anti-fouling system appropriate for the area and expected use of the boat.

Reduce – use the vessel regularly to reduce growth of biofouling.

Contain – when cleaning the vessel, contain and safely dispose of any biofouling following applicable rules and regulations.

START OF THE SEASON (OR BEFORE LAUNCHING)

Avoid or reduce the growth of biofouling by selecting a suitable anti-fouling system that is appropriate to the area and the operating profile of your boat. Consider biocidal anti-fouling paint, a biocide-free coating or other anti-fouling system:

- If using biocidal anti-fouling paint:
 - > Use hard coatings for racing or high-performance hulls, or that are regularly cleaned/burnished hulls.
 - > Soft, self-polishing or ablative paints can be used on hulls that are not cleaned or burnished or for lower performance hulls.
- Select an appropriate anti-fouling system for fresh or salt water, and temperature of water.
- Select an appropriate anti-fouling system for niche areas such as propellers, propeller shafts, sail drives and water inlets.
- When opting for Biocide-free systems – research and select the most suitable method for your boat, such as ultrasound, wraps, silicone (non-stick) coatings.

Seek advice from local chandlery, boat clubs or manufacturers.

DURING THE SEASON AFLOAT:

Reduce the growth of biofouling throughout the season through:

- Regular use – this will reduce the opportunity for biofouling to develop on the hull and keep propellers clean. If an anchor has been used, always wash off both the anchor and chain before stowing.
- If carrying out a mid-season clean, take the boat out of the water and remove any biofouling by water jetting, by using a brush or cloth. Avoid harsh scraping that removes or damages the paint film. Do not allow paint or biofouling residues to enter the water.

- Always **contain** and dispose of any biofouling:
 - > at a marina or yard with wash-water containment facilities.
 - > Air-drying will kill most small pest species in about 48 hours.
 - > Remove the biofouling on land to **contain** scrapings and wastewater to prevent potential Invasive Aquatic Species from getting back into the waterways or stormwater drains.
 - > Inspect raw water systems in your engine and clean if needed.
 - > For in-water cleaning see separate guidance section 5.3 (In water cleaning – risks and benefits).
- If cruising to new areas, clean the hull and niche areas before setting off. This has the benefit of faster passage time, reduced fuel use and minimises the risk of aquatic hitchhikers on your boat. This is especially important if IAS are known or suspected at your current location or departure point, or if cruising to a sensitive area.

END OF SEASON

Contain any biofouling to prevent return of potentially Invasive Aquatic Species to the water.

Select a marina / yard with wash-water containment facilities. Always follow local regulations and rules of the marina / yard.

