



Technical Information

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Date: 07.07.2021

Iranian Classification Society

Subject: Amendments to the AFS Convention (Ban of systems containing cybutryne) by Res. MEPC. 331(76)

The MEPC 76 adopted resolution MEPC.331(76) containing amendments to the International Convention on the Control of Harmful Anti-Fouling Systems on Ships (AFS Convention) which establish controls on the use of cybutryne as an anti-fouling system.

Entry into force Dates:

These amendments entered into force from **1st January 2023**.

Application:

The amendments to Convention is applicable **to all ships which bear an anti-fouling system containing cybutryne in the external coating layer on or after 01.01.2023**.

Descriptions:

This resolution containing amendments to annexes 1 and 4 of the AFS convention.

Annex 1: Prohibit the use of anti-fouling paints that contains cybutryne

- The use of Anti-Fouling Systems containing **cybutryne is prohibited** as follows:
 1. Ships shall not apply or re-apply anti-fouling systems containing this substance from 01.01.2023; and
 2. Ships with an anti-fouling system that contains this substance in the external coating layer of their hulls or external parts or surfaces on 01.01.2023 shall either:
 - ✓ Remove the anti-fouling system; or
 - ✓ Apply a coating that forms a barrier to this substance leaching from the underlying non-compliant anti-fouling system

not later than 60 months following the last application to the ship of an antifouling system containing cybutryne

Annex 4: Provides a revised model form of the International Anti-Fouling System Certificate

- The section of this certificate which addressed compliance options for controlled anti-fouling systems has been updated regarding to provision of cybutryne. Ships which are affected by this ban on cybutryne must receive an updated AF Certificate after completion removing the anti-fouling system or applying a coating that forms a barrier to this substance leaching from the underlying non-compliant anti-fouling system on or after 01.01.2023.

Note for Owner/Manager:

Based on the above mentioned resolutions, Owner and Manager of ships shall attention to:

1. During the docking period on or after 01.01.2023, for all ships which bear an anti-fouling system containing cybutryne in the external coating layer, these controls require that the ship either remove the anti-fouling system or apply a sealant which prevents leaching;
2. For ships that are docked on or after 01.01.2023, should apply an approved anti-fouling system without containing cybutryne;
3. New AF certificate received after applying an anti-fouling system without containing cybutryne or removing the anti-fouling paints that contains cybutryne.

Note for Manufacturer/Supplier:

All manufacturers/ suppliers which are produced or supplied anti-fouling paints should be consider the prohibition of use of cybutryne.

Note for Surveyor:

Class surveyors should make sure of below items during the docking survey on or after 01.01.2023:

1. Removing the existing anti-fouling system which containing cybutryne or applying a coating that forms a barrier to this substance leaching from the underlying non-compliant anti-fouling system;
2. Re-applying of anti-fouling system without containing cybutryne.

For any questions about this Technical Information, please contact:

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