

標題

規制対象にシブトリンを追加する AFS 条約の改正に伴う AFS 証書発行について(追加情報)

# ClassNK

## テクニカル インフォメーション

No. TEC-1288  
発行日 2023年2月22日

各位

先般、ClassNK テクニカルインフォメーション No.TEC-1245にてお知らせしましたとおり、2021年6月に開催されたIMO第76回海洋環境保護委員会(MEPC76)において、新たに有害性が確認されたシブトリン(CAS No. 28159-98-0)を禁止物質に加える、AFS条約の改正が採択されました。

本改正は2023年1月1日より適用されますが、適用日時点で最外層にシブトリンを含有する防汚システムを施工している船舶\*にあつては、次の(a)及び(b)のうち、いずれか早い方の日までに当該防汚システムを除去又は本会が適当と認めるシーラーコートにより被覆する必要があります。

- (a) 前回の防汚システムの施行又は変更並びに更新から60か月の日  
(b) 適用日以降最初に予定される防汚システムの変更又は更新日

また、適用日時点でAFS証書を所持する船舶\*\*は、適用日から2年(2024年12月31日)以内に書類による確認を受け、新書式での証書の発給を受ける必要があります。

- (1) 日本籍船以外\*\*\*において2023年1月1日から2024年12月31日までの間に船体防汚システムの定期的検査を受検しない場合、若しくは船体防汚システムの定期的検査受験前に新書式での証書の発給を希望する場合
- 2024年12月31日までに船体防汚システムの臨時検査を受検いただいた上で、新書式による証書の発給を受けていただく必要があります。上記臨時検査においては訪船の必要がなく、書類の確認のみで証書の発給が可能であるため、証書の発給をご希望の際には最寄りの弊社検査支部まで検査申込書をご提出いただけますようお願いいたします。
- (2) 上記以外の場合
- 上記期間内に実施される船体防汚システムの定期的検査完了時に新書式にて証書が発給されるため、特段の対応は必要ありません。

(次頁に続く)

#### NOTES:

- ClassNK テクニカル・インフォメーションは、あくまで最新情報の提供のみを目的として発行しています。
- ClassNK 及びその役員、職員、代理もしくは委託事業者のいずれも、掲載情報の正確性及びその情報の利用あるいは依存により発生する、いかなる損失及び費用についても責任を負いかねます。
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\*次の(1)から(3)の船舶等を除く。

- (1) 2023年1月1日前に建造開始段階にあり、同日以降にドライドックに入っていない、鋼船規則 P 編に定義される海洋構造物等及び PS 編に定義される FPSO、FPO 並びに FSO 等
- (2) 国際航海に従事しない船舶
- (3) 国際航海に従事する総トン数 400 トン未満の船舶であって、沿岸国が適当と認めたもの

\*\*対象船舶において、新書式での証書の発給を受けていない船舶に対しては以下の Note が設定されている。

[The AFS Certificate is to be re-issued with a new format by 31 December 2024.]

\*\*\*日本籍船においては、上記期間内に必ず船体防汚システムの定期的検査が実施されるため特段の対応は要さない。

なお、本件に関してご不明な点は、以下の部署にお問い合わせください。

一般財団法人 日本海事協会 (ClassNK)

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添付:

1. 決議 MEPC.331(76)

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**ANNEX 4**

**RESOLUTION MEPC.331(76)**  
**(adopted on 17 June 2021)**

**AMENDMENTS TO THE INTERNATIONAL CONVENTION ON THE  
CONTROL OF HARMFUL ANTI-FOULING SYSTEMS ON SHIPS, 2001**

**Amendments to Annexes 1 and 4**

**(Controls on cybutryne and form of the International Anti-fouling System Certificate)**

THE MARINE ENVIRONMENT PROTECTION COMMITTEE,

RECALLING Article 38(a) of the Convention on the International Maritime Organization concerning the functions of the Marine Environment Protection Committee conferred upon it by international conventions for the prevention and control of marine pollution from ships,

RECALLING ALSO article 16 of the International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001 (the AFS Convention), which specifies the amendment procedure and confers upon the Marine Environment Protection Committee of the Organization the function of considering amendments thereto for adoption by the Parties,

HAVING CONSIDERED, at its seventy-sixth session, proposed amendments to the AFS Convention regarding controls on cybutryne and the form of the International Anti-fouling System Certificate,

1 ADOPTS, in accordance with article 16(2)(c) of the AFS Convention, amendments to Annexes 1 and 4, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article 16(2)(e)(ii) of the AFS Convention, that the amendments shall be deemed to have been accepted on 1 July 2022 unless prior to that date more than one third of the Parties have notified the Secretary-General that they object to the amendments;

3 INVITES the Parties to note that, in accordance with articles 16(2)(f)(ii) and (iii) of the AFS Convention, the said amendments shall enter into force on 1 January 2023 upon their acceptance in accordance with paragraph 2 above;

4 INVITES ALSO the Parties to remind ships that fly their flag and that are confirmed to be affected by the amendments to Annex 1 to the AFS Convention adopted through the present resolution to make a timely request for a survey for the issuance of an International Anti-fouling System Certificate, in the amended model form adopted through the present resolution, using the procedure outlined in paragraphs 4 and 5.3 of the annex to resolution MEPC.195(61), as may be amended by the Organization, so that ships have a valid International Anti-fouling System Certificate on board not later than 24 months after the entry into force of the amendments to Annex 1 to the AFS Convention adopted through the present resolution;

5 INVITES FURTHER the Parties to issue new International Anti-fouling System Certificates, in the amended model form adopted through the present resolution, at the next anti-fouling system application, in the case of ships that are confirmed not to be affected by the amendments to Annex 1 to the AFS Convention adopted through the present resolution;

6 REQUESTS the Secretary-General, for the purposes of article 16(2)(d) of the AFS Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Parties to the AFS Convention;

7 REQUESTS ALSO the Secretary-General to transmit copies of the present resolution and its annex to Members of the Organization which are not Parties to the AFS Convention;

8 REQUESTS FURTHER the Secretary-General to prepare a consolidated certified text of the AFS Convention.

ANNEX

**AMENDMENTS TO THE INTERNATIONAL CONVENTION ON THE  
CONTROL OF HARMFUL ANTI-FOULING SYSTEMS ON SHIPS, 2001**

**Annex 1  
Controls on anti-fouling systems**

1 The following rows are added to the table in Annex 1 to the 2001 AFS Convention:  
"

<b>Anti-fouling system</b>	<b>Control measures</b>	<b>Application</b>	<b>Effective date</b>
Cybutryne CAS No. 28159-98-0	Ships shall not apply or re-apply anti-fouling systems containing this substance	All ships	1 January 2023
Cybutryne CAS No. 28159-98-0	Ships bearing an anti-fouling system that contains this substance in the external coating layer of their hulls or external parts or surfaces on 1 January 2023 shall either: (1) remove the anti-fouling system; or (2) apply a coating that forms a barrier to this substance leaching from the underlying non-compliant anti-fouling system	All ships except: (1) fixed and floating platforms, FSUs, and FPSOs that have been constructed prior to 1 January 2023 and that have not been in dry-dock on or after 1 January 2023; (2) ships not engaged in international voyages; and (3) ships of less than 400 gross tonnage engaged in international voyages, if accepted by the coastal State(s)	At the next scheduled renewal of the anti-fouling system after 1 January 2023, but no later than 60 months following the last application to the ship of an anti-fouling system containing cybutryne

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**Annex 4****Surveys and certification requirements for anti-fouling systems**

2 Regulation 2(3) is replaced by the following:

"(3) For ships bearing an anti-fouling system controlled under Annex 1 that was applied before the date of entry into force of a control for such a system, the Administration shall issue a Certificate in accordance with paragraphs (1) and (2) of this regulation not later than two years after entry into force of that control. This paragraph shall not affect any requirement for ships to comply with Annex 1."

**Appendix 1 to Annex 4****Model form of International Anti-fouling System Certificate**

3 The section of the model form of the International Anti-fouling System Certificate (appendix 1) listing the compliance options for controlled anti-fouling systems on the ship is replaced by the following:

"An anti-fouling system controlled under Annex 1 containing:

	Has not been applied during or after construction of this ship	Has been applied on this ship previously, but has been removed by	Has been applied on this ship previously, but has been covered with a sealer coat applied by	Has been applied on this ship previously, but is not in the external coating layer of the hull or external parts or surfaces on	Was applied on this ship prior to
Organotin compounds which act as biocides	<input type="checkbox"/>	..... <i>(insert name of the facility)</i> on ..... <i>(dd/mm/yyyy)</i> <input type="checkbox"/>	..... <i>(insert name of the facility)</i> on ..... <i>(dd/mm/yyyy)</i> <input type="checkbox"/>	Not applicable	Not applicable
Cybutryne	<input type="checkbox"/>	..... <i>(insert name of the facility)</i> on ..... <i>(dd/mm/yyyy)</i> <input type="checkbox"/>	..... <i>(insert name of the facility)</i> on ..... <i>(dd/mm/yyyy)</i> <input type="checkbox"/>	1 January 2023  <input type="checkbox"/>	1 January 2023, but must be removed or covered with a sealer coat prior to ..... <i>(dd/mm/yyyy)</i> <input type="checkbox"/>

"

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