



SERTIFIKAT NASIONAL SISTEM ANTI TERITIP
NATIONAL ANTI FOULING SYSTEM CERTIFICATE

No.AL.601 / 1526 / 12 / DK/2025.....

Diterbitkan menurut ketentuan

Issued under the provisions of the

UNDANG - UNDANG REPUBLIK INDONESIA NO. 17 TAHUN 2008

TENTANG PELAYARAN

INDONESIAN SHIPPING ACT NO. 17, 2008

Untuk Memenuhi:

To comply with :

Peraturan Menteri Perhubungan No. 29 Tahun 2014

Tentang Pencegahan Pencemaran Lingkungan Maritim

Ministry of Transportation Regulation No. 29, 2014 on the Maritime Environment Pollution Prevention

Nama kapal Name of ship	Angka atau Huruf Pengenal Distinctive Number of Letter	Pelabuhan pendaftaran Port of registry	Tonase Kotor Gross Tonnage
PAN MARINE 12	YDB4152	JAKARTA	203

Sistem anti-teritip belum diterapkan selama atau setelah pembangunan kapal ini
An anti-fouling has not been applied during or after construction of this ship

-

Sistem anti-teritip telah diterapkan sebelumnya pada kapal ini, tetapi telah dibersihkan oleh
An anti-fouling system has been applied on this ship previously, but has been removed by

X

- Nama dan Tempat Galangan : PT. Karya Teknik Utama Shipyard - Marunda
Name and Place of Facility

- Tanggal Pembersihan : 13 Agustus 2025
Date of Removal August 13th, 2025

Sistem anti-teritip telah diterapkan sebelumnya pada kapal ini, tetapi telah dilapisi dengan cat pelapis yang dilaksanakan oleh :

-

An anti-fouling system has been applied on this ship previously but has been covered with a sealer coat applied by

- Nama dan Tempat Galangan : -
Name and Place of Facility

- Tanggal Pembersihan : -
Date of Removal

Sistem anti-teritip telah diterapkan pada kapal ini sebelum tanggal :

-

An anti-fouling system has been applied on this ship prior to

tetapi harus dibersihkan atau dilapisi dengan cat pelapis sebelum tanggal :

but must be removed or covered with a sealer coat prior to

DENGAN INI MENYATAKAN

THIS IS TO CERTIFY

1. Bahwa kapal telah diperiksa sesuai Pasal 44 Peraturan Menteri Perhubungan No. 29 Tahun 2014 tanggal 6 Agustus 2014 tentang Pencegahan Pencemaran Lingkungan Maritim.

That the ship has been surveyed in accordance with article 44 of Ministry of Transportation Regulation No. 29, 2014, which entered into force on 6 August 2014 on the Maritime Environment Pollution Prevention.

2. Bahwa hasil pemeriksaan menunjukkan sistem anti-teritip pada kapal tersebut telah memenuhi persyaratan sesuai ketentuan peraturan tersebut diatas.

That the survey shows that the anti fouling system of the ship there of are in all respects satisfactory and that ship complies with the applicable requirements of the above regulation.

Tanggal selesainya pemeriksaan yang dijadikan dasar penerbitan sertifikat ini

19 Agustus 2025

Completion date of survey on which this certificate is based

August 19th, 2025

Sertifikat ini berlaku sampai dengan

18 Februari 2028

This certificate is valid until

February 18th, 2028

, dan wajib menjalani pemeriksaan berkala

, and subject to survey regularly

jika sistem anti-teritip berubah sesuai dengan Pasal 44 peraturan tersebut, sebagaimana bentuk formulir dibalikannya.

in case of the anti-fouling system is removed in accordance with article 44 of the regulation as form behind

Diterbitkan di : JAKARTA

Issued at

Pada Tanggal : 13 November 2025

Date of issue November 13th, 2025

AN. MENTERI PERHUBUNGAN

OB. MINISTER OF TRANSPORTATION

DIREKTUR JENDERAL PERHUBUNGAN LAUT

DIRECTOR GENERAL OF SEA TRANSPORTATION

DIREKTUR PERKAPALAN DAN KEPELAUTAN

DIRECTOR OF MARINE SAFETY AND SEAFARERS

u.b.

for

KEPALA SUBDIREKTORAT PENCEGAHAN PENCEMARAN DAN

MANAJEMEN KESELAMATAN KAPAL DAN PERLINDUNGAN

LINGKUNGAN DI PERAIRAN

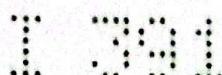
DEPUTY DIRECTOR FOR MARINE POLLUTION PREVENTION AND SHIP

SAFETY MANAGEMENT AND ENVIRONMENT PROTECTION

Pelaksana Harian



DIT. KAPPEL



Capt. Maltus Jackline Kapistrano, SSi.T, M.Si

Pembina (IV/a)

NIP. 197903132007121001

CATATAN SERTIFIKAT NASIONAL SISTEM ANTI-TERITIP
RECORD OF NATIONAL ANTI-FOULING SYSTEM CERTIFICATE

(Catatan ini dilampirkan secara permanen pada Sertifikat Nasional Sistem Anti-Teritip)
 (This Record shall be permanently attached to the National Anti-Fouling System Certificate)

Nama kapal Name of ship	Angka atau Huruf Pengenal Distinctive Number of Letter	Pelabuhan pendaftaran Port of registry	Tonase Kotor Gross Tonnage
PAN MARINE 12	YDB4152	JAKARTA	203

Detail dari sistem anti-teritip yang diterapkan : -
Details of anti-fouling system(s) applied

Jenis sistem anti-teritip yang digunakan : TBT Free Controlled Depletion Polymer
Type(s) of anti-fouling system(s) used Antifouling

Tanggal penggunaan sistem anti-teritip : 18 Agustus 2025
Date(s) of application of anti-fouling system(s) August 18th, 2025

Nama perusahaan dan galangan/lokasi dimana AFS diterapkan : PT. Karya Teknik Utama Shipyard, Marunda
Name(s) of company(ies) and facility(ies)/location(s) where applied

Nama pabrik pembuat sistem anti-teritip : International Paint Ltd
Name(s) of anti-fouling system manufacturer(s)

Nama dan warna dari sistem anti-teritip : Interspeed® 376 BQA 377 (Red)
Name(s) and colour(s) of anti-fouling system(s)

Nomer campuran kimia aktif dan pendaftaran jasa abstrak kimia : Cuprous Thiocyanate (1111-67-7)
 (Nomor CAS) Zinc Pyridinedithione (13463-41-7)
Active ingredient(s) and their Chemical Abstract Services Registry
(Number(s) CAS) number(s))

Jenis cat pelapis, jika dipergunakan : --
Type(s) of sealer coat, if applicable

Nama dan warna cat pelapis yang diterapkan, jika dipergunakan : --
Name(s) and colour(s) of sealer coat applied, if applicable

Tanggal penerapan cat pelapis : --
Date of application of sealer coat

DENGAN INI MENYATAKAN bahwa catatan ini adalah benar.
THIS IS TO CERTIFY that this Record is correct in all respects.

Diterbitkan di : **JAKARTA**
Issued at

Pada Tanggal : **13 November 2025**
Date of issue November 13th, 2025

AN. MENTERI PERHUBUNGAN
OB. MINISTER OF TRANSPORTATION
DIREKTUR JENDERAL PERHUBUNGAN LAUT
DIRECTOR GENERAL OF SEA TRANSPORTATION
DIREKTUR PERKAPALAN DAN KEPELAUTAN
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KEPALA SUBDIREKTORAT PENCEGAHAN PENCEMARAN DAN
MANAJEMEN KESELAMATAN KAPAL DAN PERLINDUNGAN
LINGKUNGAN DI PERAIRAN
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