



INTERNATIONAL SEWAGE POLLUTION PREVENTION CERTIFICATE

No ALX0/AEK/20180920205414

Issued under the provisions of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, and as amended by resolution MEPC.115(51) (hereinafter referred to as "the Convention") under the authority of the Government of

REPUBLICA DE PANAMA

By BUREAU VERITAS

Name of Ship BV No : 00679Q	IMO	Distinctive Number or Letters	Port of Registry	Gross Tonnage	Number of persons which the ship is certified to carry
NABIHA DISCOVERY	9201877	3EY19	PANAMA	2926	12

Type of ship* New Existing

Type of ship for the application of regulation 11.3*:

- Passenger ship New Existing
 Ship other than a passenger ship

Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date on which a conversion or an alteration or modification of a major character was commenced **1 Jun 1998**

THIS IS TO CERTIFY :

- 1 That the ship is equipped with a* sewage treatment plant
 comminuter
 holding tank
 and a discharge pipeline in compliance with regulations 9 and 10 of Annex IV of the Convention as follows* :

1.1 Description of the sewage treatment plant

Type of sewage treatment plants: AQUAMAR GMBH TILLE BN 329

Name of manufacturer: AQUAMAR GMBH TILLE

The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.2(VI).

The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.159(55).

The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in the Guidelines on implementation of effluent standards and performance test for sewage treatment plants, adopted by resolution MEPC.227(64), as amended, ** the standards of section 4.2 thereof .

1.2 Description of the comminuter

Type of comminuter: -

Name of manufacturer: -

Standard of sewage after disinfection: -



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* Cross as appropriate

** Delete as appropriate

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1.3 [X] Description of the holding tank equipment

Total capacity of the holding tank : 10.96 m³
Location : Tank. No. 114 Location : FR 23 : FR 25 STBD Side

1.4 A pipeline for the discharge of sewage to a reception facility, fitted with a standard connection.

2 That the ship has been surveyed in accordance with regulation 4 of Annex IV of the Convention.

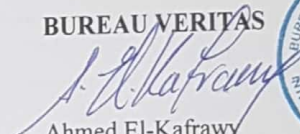
3 That the survey shows that the structure, equipment, systems, fittings, arrangements and materials of the ship and the condition thereof in all respects satisfactory and that the ship complies with the applicable requirements of Annex IV of the Convention.

This certificate is valid until **27 June 2023**
subject to surveys in accordance with regulation 4 of the Annex IV of the Convention.

Completion date of the survey on which this certificate is based : **27 Jun 2018**

Issued at Alexandria, Egypt, on the 18 September 2018

BUREAU VERITAS



Ahmed El-Kafrawy
By Order of the Secretary



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NAME OF SHIP : NABIHA DISCOVERY

BV REGISTER : 00679Q

Endorsement to extend the Certificate if valid for less than 5 years where regulation 8.3 applies

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with regulation 8.3 of Annex IV of the Convention, be accepted as valid until

Signed
(Surveyor to BUREAU VERITAS)

Place

Date

Endorsement where the renewal survey has been completed and regulation 8.4 applies

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with regulation 8.4 of Annex IV of the Convention, be accepted as valid until

Signed
(Surveyor to BUREAU VERITAS)

Place

Date

Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where regulation 8.5 or 8.6 applies

This Certificate shall, in accordance with regulation* 8.5 or 8.6 of Annex IV of the Convention, be accepted as valid until

Signed
(Surveyor to BUREAU VERITAS)

Place

Date



PANAMA MARITIME AUTHORITY

TECHNICAL OFFICE – SEGUMAR PANAMA

Pan-Canal Building 4th Floor, Albrook

Omar Torrijos Herrera Ave.

Panama City, Panama

Tel.: (+507) 501-5361

E-mail: authorizations@segumar.com

TO: WHOM IT MAY CONCERN
DATE: JUNE 19, 2018
FROM: GENERAL DIRECTORATE OF MERCHANT MARINE, SEGUMAR PANAMA
SUBJ.: M/V: NABIHA DISCOVERY IMO: 9201877 CALL SIGN: 3EYI9

Approval of Rate of Discharge of Untreated Sewage

OUR REF.: VLH 06/18/005

This Administration approves the rate of discharge of untreated sewage from ships, according to Regulation 11.1.1 of the revised Annex IV of MARPOL 73/78 and Resolution MEPC.157 (55) "recommendation on standards for the rate of discharge of untreated sewage for the vessel".

This authorization is granted based on the verification of the below proposed discharge rate table for the above-mentioned vessel was found according to the discharge rate formula described on the Annex 14 of captioned MEPC Resolution 157(55).

BREADTH: 15,85 mts.

SPEED (kt)									
DRAFT (m)	4	5	6	7	8	9	10	11	12
3,00	1,76	2,20	2,64	3,08	3,52	3,96	4,40	4,84	5,28
4,00	2,35	2,94	3,52	4,11	4,70	5,28	5,87	6,46	7,05
5,00	2,94	3,67	4,40	5,14	5,87	6,60	7,34	8,07	8,81
6,00	3,52	4,40	5,28	6,16	7,05	7,93	8,81	9,69	10,57

It is understood that the calculation is made as per the vessels supplied by owner/owner's representative, the crew member responsible for sewage discharge operations should ensure that the ship is in route proceeding at Speed Not Less Than 4 Knots, More Than 12 Nautical Miles from the nearest land.

This approval will cease to be valid upon modification of the vessel in such a way as it affects the calculation information provided

Please notify to all concern parties accordingly.

Best Regards,

Eng. Victor Huasasquiche
Technical Officer
Segumar Panama
Panama Maritime Authority