

## CERTIFICATE OF TYPE TEST FOR: OILY-WATER SEPARATING/FILTERING EQUIPMENT <sup>(1)</sup>

### THIS IS TO CERTIFY THAT:

The equipment listed has been examined and tested in accordance with the requirements of the specification contained in Part II of the Annex to the Recommendation contained in IMO resolution No. A.393(X). The system tested comprised the following components and this certificate is valid only for such a system.

\_\_\_\_\_  
NAME OF ADMINISTRATION

By: **Panama Maritime Documentation Services, I nc.**

<sup>(1)</sup> System manufactured by: \_\_\_\_\_ Including:

<sup>(1)</sup> Separator manufactured by: \_\_\_\_\_  
to drawing Nos. \_\_\_\_\_

<sup>(1)</sup> Coalescer manufactured by: \_\_\_\_\_  
to drawing Nos. \_\_\_\_\_

<sup>(1)</sup> Filter manufactured by: \_\_\_\_\_  
to drawing Nos. \_\_\_\_\_

Control equipment manufactured by: \_\_\_\_\_  
to drawing Nos. \_\_\_\_\_

Maximum throughput of system \_\_\_\_\_ m<sup>3</sup>/h

Measured oil content of effluent less than \_\_\_\_\_ 15 ppm /100 ppm<sup>(1)</sup>

If integral feed pump is not fitted state method proposed for ensuring maximum throughput of system is not exceeded.

A copy of this Certificate should be carried aboard a vessel fitted with this equipment at all times.

**Limiting Conditions Imposed:** \_\_\_\_\_

This certificate is valid until: \_\_\_\_\_ , of \_\_\_\_\_ of \_\_\_\_\_  
(Day) (Month) (Year)

Issued at : \_\_\_\_\_ , \_\_\_\_\_ of \_\_\_\_\_ of \_\_\_\_\_  
(Place of issue of Certificate) (Day) (Month) (Year)

\_\_\_\_\_  
Name and Signature of authorized official issuing the Certificate

**Panama Maritime Documentation Services,  
I nc.**

<sup>(1)</sup> Delete as appropriate

Note: Test data and results attached as Appendix

Interim Certificate No. \_\_\_\_\_

## APPENDIX

Test data and results tests conducted on Oily-Water Separating/Filtering Equipment<sup>(1)</sup> in accordance with Parts II and IV of the Annex to the Recommendation contained in IMO resolution No. A.393(X).

System manufactured by: \_\_\_\_\_

<sup>(1)</sup> Separator manufactured by: \_\_\_\_\_

<sup>(1)</sup> Coalescer manufactured by: \_\_\_\_\_

<sup>(1)</sup> Filter manufactured by: \_\_\_\_\_

Control equipment manufactured by: \_\_\_\_\_

Maximum throughput of system \_\_\_\_\_ m<sup>3</sup>/h

Test Location \_\_\_\_\_

Method of sample analysis: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Samples analysed at: \_\_\_\_\_

Details of test pump (if integral pump is not fitted)

Type \_\_\_\_\_

Capacity \_\_\_\_\_ (m<sup>3</sup>/h)

Speed \_\_\_\_\_ rpm

Equipment is capable of reliable operation at angles of up to 22.5° in any plane from normal operational position.

Test Oil (A)

Relative density \_\_\_\_\_ at 15°C  
 Viscosity \_\_\_\_\_ Centistokes at 37.8°C  
 Flash Point \_\_\_\_\_ °C  
 Ash Content \_\_\_\_\_ %  
 Water content at star of test \_\_\_\_\_ %

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Test Oil (B)

Relative density \_\_\_\_\_ at 15°C  
 Viscosity \_\_\_\_\_ Centistokes at 37.8°C  
 Flash Point \_\_\_\_\_ °C  
 Ash Content \_\_\_\_\_ %  
 Water content at star of test \_\_\_\_\_ %

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Test Water

Relative density \_\_\_\_\_ at 15°C  
 Solid matter present \_\_\_\_\_

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Test Temperatures

Ambient \_\_\_\_\_ °C  
 Test Oil (A) \_\_\_\_\_ °C  
 Test Oil (B) \_\_\_\_\_ °C  
 Test Water \_\_\_\_\_ °C

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Diagram of test rig attached \_\_\_\_\_

Diagram of sampling arrangement attached: \_\_\_\_\_



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Name and Signature of authorized official issuing the Test Results

**Panama Maritime Documentation Services, Inc.**