

EC Certificate Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	94 229 - 10 HH
Applicant	DEIF A/S Frisenborgvej 33 7800 Skive, DENMARK
Manufacturer	DEIF A/S Frisenborgvej 33 7800 Skive, DENMARK
Product Description	RPM Indicator Illuminated Switchboard & Navigation Instruments
Product Name	BRW-1 VTR-5
Trade Name	BRW-1 VTR-5
Specified Standards	IEC 60945 (2002) ISO 22554 (2007) IEC 62288 Ed.1.0 (2008) IMO Resolution A.694(17)
Related Directive	2009/26/EC
Equipment Section	Navigation equipment
Annex A.1 Item No.	A.1/4.21
Date of Issue	2010-04-06
Expiry Date	2015-04-05

Germanischer Lloyd

Notified Body No.: 0098

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Nils Wegener

Schedule of Approval

Approval Documentation

GL Type Approval Certificate: No. 99 279 - 96 HH and 99 290 - 97 HH
Test report : Technical Report DNV No. 95-1019 dated 1995-03-01 and IPG 0102 dated 1999-08-23 and IPG 111 dated 1999-09-02; Technical Description: Data sheet 4921250002B

Remarks

None

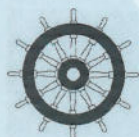
Limitations on the acceptance or use of the product

none

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform Germanischer Lloyd, as the Notified Body, of any modifications or changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.

EC Certificate of Conformity Quality System (Module D)



Germanischer Lloyd as the notified body performing the quality assessment procedures certifies that the manufacturer maintains and applies a quality system which is in compliance with the requirements of the Marine Equipment Directive (MED) 96/98/EC, as amended, ensuring that the equipment identified below is conform to the type as described in the EC Type Examination Certificate, subject to any conditions in the schedule attached hereto.

Certificate No. **94 240 - 10 HH**

Manufacturer **DEIF A/S**
Frisenborgvej 33
7800 Skive, DENMARK

Product Description **RPM Indicator**
Illuminated Switchboard & Navigation Instruments

Product Name **BRW-1**
VTR-5

Trade Name **BRW-1**
VTR-5

EC Type Examination
Certificate No. **94 229 - 10 HH**

Date of Issue **2010-04-06**

Valid Until **2015-04-05**

Notified Body ID No. **0098**

Related Directive **2009/26/EC**

Equipment Section **Navigation equipment**

Annex A.1Item No. **A.1/4.21**

Date of Issue **2010-04-06**

Expiry Date **2015-04-05**

Germanischer Lloyd




Nils Wegener

Notified Body No.: 0098

Certificate No: 94 240 - 10 HH Date of Issue: 2010-04-06

Schedule of Approval

Remarks

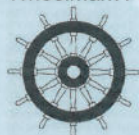
None

Notes:

This certificate authorises the manufacturer in conjunction with the EC Type Examination (Module B) Certificate of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate and/or after lapse of time, withdrawal or revocation of the EC Type Examination (Module B) Certificate.

Wheelmark Format and application:



0098/yy

0098
yy

Notified Body number undertaking quality surveillance
Last two digits of year in which the mark is affixed

EC Certificate Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	94 227 - 10 HH
Applicant	DEIF A/S Frisenborgvej 33 7800 Skive, DENMARK
Manufacturer	DEIF A/S Frisenborgvej 33 7800 Skive, DENMARK
Product Description	Pitch Indicator Illuminated Switchboard & Navigation Instruments
Product Name	BRW-1 VTR-5
Trade Name	BRW-1 VTR-5
Specified Standards	IEC 60945 (2002) ISO 22555 (2007) IEC 62288 Ed.1.0 (2008) IMO Resolution A.694(17)
Related Directive	2009/26/EC
Equipment Section	Navigation equipment
Annex A.1 Item No.	A.1/4.22
Date of Issue	2010-04-06
Expiry Date	2015-04-05

Germanischer Lloyd

Notified Body No.: 0098

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Nils Wegener



Certificate No: 94 227 - 10 HH Date of Issue: 2010-04-06

Schedule of Approval

Approval Documentation

GL Type Approval Certificate: No. 99 279 - 96 HH and 99 290 - 97 HH
Test report : Technical Report DNV No. 95-1019 dated 1995-03-01 and IPG 0102 dated 1999-08-23 and IPG 111 dated 1999-09-02; Technical Description: Data sheet 4921250002B; 4921250005B and TRI-2; 4921250009B

Remarks

None

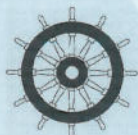
Limitations on the acceptance or use of the product

none

Notes:

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EC Certificate of Conformity Quality System (Module D)



Germanischer Lloyd as the notified body performing the quality assessment procedures certifies that the manufacturer maintains and applies a quality system which is in compliance with the requirements of the Marine Equipment Directive (MED) 96/98/EC, as amended, ensuring that the equipment identified below is conform to the type as described in the EC Type Examination Certificate, subject to any conditions in the schedule attached hereto.

Certificate No. **94 238 - 10 HH**

Manufacturer **DEIF A/S**
Frisenborgvej 33
7800 Skive, DENMARK

Product Description **Pitch Indicator
Illuminated Switchboard & Navigation Instruments**

Product Name **BRW-1
VTR-5**

Trade Name **BRW-1
VTR-5**

EC Type Examination
Certificate No. **94 227 - 10 HH**
Date of Issue **2010-04-06**
Valid Until **2015-04-05**
Notified Body ID No. **0098**

Related Directive **2009/26/EC**
Equipment Section **Navigation equipment**
Annex A.1 Item No. **A.1/4.22**

Date of Issue **2010-04-06**
Expiry Date **2015-04-05**

Germanischer Lloyd




Nils Wegener

Notified Body No.: 0098

Schedule of Approval

Remarks

None

Notes:

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Wheelmark Format and application:



0098/yy

0098
yy

Notified Body number undertaking quality surveillance
Last two digits of year in which the mark is affixed