

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that :

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Navigation requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2012/32/EU and 2013/52/EU subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	Mors-Smitt B.V.
Address	Vrieslantlaan 6 3526 AA Utrecht Netherlands, The
Annex A1 Item	A.1/4.20 RUDDER ANGLE INDICATOR
Product Type	INDICATORS
Product Description	Type: S4v96S, S4v144S, S4v96S/66 & S4v144S/66
Specified Standard	IEC 60945 (2002) including IEC 60945 Corrigendum 1 (2008) ISO 20673:2007

The attached Design Appraisal Document (schedule) forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue 28 November 2014 Expiry date 27 November 2019

Certificate No. MED 1000031/M4 Signed

Sheet No 1 of 2 Name

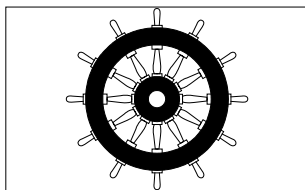




L. Green
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038
London Office
Lloyd's Register Verification Limited

Note:

This certificate is not valid for equipment; the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.

yy Last two digits of year mark affixed.

This certificate is issued under the authority of the MCA.

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK.

A subsidiary of Lloyd's Register Group Limited.



Lloyd's
Register

Lloyd's Register Verification Limited

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Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 28 November 2014	Quote this reference on all future communications MTES/ETS/LG/WP19432123/W03845612
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1000031/M4

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

ADDITIONAL APPROVAL DOCUMENTATION

Form 2571
Documentation previously listed in 1000031/M3

08-Sep-2014
22-May-2014


CONDITIONS OF CERTIFICATION

1. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E), a Product Verification Process (Module F) or Unit Verification (Module G). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
2. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.
3. The indicators are only to be installed on board with a:
 - 1) MED certified transmitter;

PLACE OF PRODUCTION

Mors-Smitt B.V.,
Vrieslantlaan 6,
3526 AA Utrecht,
Netherlands, The

For and on behalf of Lloyd's Register Verification




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