

CERTIFICATE OF TYPE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer Gill Instruments Ltd.
67 Gosport Street
Lyminster
Hampshire, SO41 9EG
United Kingdom (UK)

Product Type NMEA configurable combined wind speed and direction measuring instrument (transmitting to remote display/analysis/recording device(s)).
Type: "WindObserver II Ultrasonic Anemometer 1390"

Product Description METEOROLOGICAL INSTRUMENTATION

Specified Standards Independently verified calibration

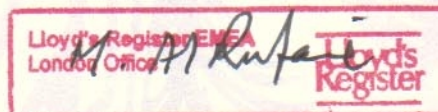
The attached Design Appraisal Document forms part of this certificate.
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 18 December 2007

Expiry date 3 September 2012

Certificate No. SAS S070165

Signed



Sheet No 1 of 3

Name

M.H.A. Rufaie
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

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 Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate.

"Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract."

DESIGN APPRAISAL DOCUMENT

Date 18 December 2007	Quote this reference on all future communications LDSS/PAS/TAE/W01538088/MHR/O- 87618
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S070165

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Request form	27.03.2007
WindObserver II (User Manual – No. 1390-PS-0004, issue 17)	01.2007
LR Southampton memo	15.11.2007
WindObserver II brochure	2005

TEST REPORTS

Assessment Services Certificate No. Env/11502	24.08.1995
Assessment Services Certificate No. Env/11502 Issue 2	18.09.1995
EMC Projects No. 4427/00	14.11.2000
LR Southampton inspection report (SOU 0700354)	14.11.2007
LR Southampton inspection report (SOU 0700354/A1)	12.12.2007

Also all the documentation listed on Design Appraisal Document associated with Certificate No. SAS S020071

CONDITIONS OF CERTIFICATION

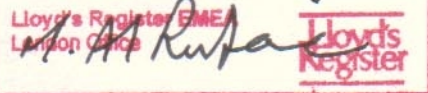
1. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S070165**PLACE OF PRODUCTION**

Gill Instruments Ltd.
67 Gosport Street
Lymington
Hampshire, SO41 9EG
United Kingdom (UK)



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Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).