



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.
Address	67 Gosport Street Lymington Hampshire, SO41 9EG United Kingdom (UK)
Product Type	Meteorological Instrumentation (Part 4)
Product Description	NMEA configurable combined wind speed and direction measuring instrument (transmitting to remote display / analysis / recording device(s)). : WindObserver II Ultrasonic Anemometer fitted with cable gland and flying lead; WindObserver 65 Ultrasonic Anemometer fitted with cable gland and flying lead; WindObserver 65 Ultrasonic Anemometer fitted with integral connector; WindObserver 70 Ultrasonic Anemometer fitted with cable gland and flying lead; WindObserver 70 Ultrasonic Anemometer fitted with integral connector; WindObserver 75 Ultrasonic Anemometer fitted with cable gland and flying lead; WindObserver 75 Ultrasonic Anemometer fitted with integral connector; WindObserver 90 Ultrasonic Anemometer fitted with cable gland and flying lead; WindObserver 90 Ultrasonic Anemometer fitted with integral connector
Specified Standards	Independently verified calibration

The attached Design Appraisal Document forms part of this certificate.

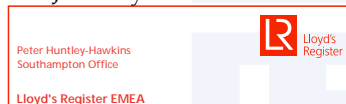
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 27 November 2015

Expiry date 23 January 2018

Certificate No. SAS S150142

Signed



Sheet No 1 of 3

Name

P.A. Huntley-Hawkins
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 Group Limited, 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'. Lloyd's Register 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 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.



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DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
27 November 2015	MTES/ETS/AO/PAHH/WP20784480/W03994234

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S150142

METEOROLOGICAL INSTRUMENTATION (PART 4) - GILL INSTRUMENTS LTD.

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.

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APPROVAL DOCUMENTATION

Application Checklist - Appendix to Form 2501TA/2502TA MR
ISO 9001:2008 Certificate No.: 51151/1

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17 Mar 2015

DATASHEETS

WindObserver II Data Sheet, D605 issue 1
WindObserver 65 Data Sheet, 1390-0038, issue 1
WindObserver 70 Data Sheet, 1390-0039, issue 1
WindObserver 75 Data Sheet, 1390-0040, issue 1
WindObserver 90 Data Sheet, 1390-0040, issue 5

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TEST REPORTS

Certificate of Test for Dust Ingress - Environmental Test Services Certificate No. U2878-1
Certificate of Test for Water Ingress - Environmental Test Services Certificate No. U2879-1

08 Jul 2015
08 Jul 2015

Also all the documentation listed on Design Appraisal Documents associated with Certificate No's SAS S020071, SAS S070165 and SAS S130004.

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.

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).

Anthony Osborne
Southampton Office



Lloyd's Register EMEA

LR031.1.2013.12

Anthony Osborne
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