



# EC Type Examination Certificate

## Notified Body 0729

This is to certify that ABS Europe Ltd., as a Notified Body under the authorization of UK MCA by Merchant Shipping Equipment Regulation, SI 1999, Number 1957 and M Notice Number 1734, as amended, did undertake the relevant type examination procedure of the product listed and same was found to be in compliance with the provisions of these Regulations and EU Directive 96/98/EC of 20 December 1996 as amended by EU Directive 2009/26/EC

ANNEX A 1 ITEM NUMBER: A.1/3.53

CERTIFICATE NUMBER: 11-LD698719-EC

APPLICANT: Apollo Fire Detectors Ltd.

PLANT LOCATION: Coopco Fulleon Ltd., Cwmbran, South Wales, UK

PORT OFFICE: Bristol Station, UK

PRODUCT DESIGNATION: Alarm Devices

Model: 'Symphoni'

STANDARDS AND REGULATIONS: Regulation II-2/7 of SOLAS 74/78 as Amended

IMO Resolution MSC98(73)- (FSS Code) Chapter 9

EN54-3(2001) including A1 (2002) and A2(2006), IEC 60092-504 (2001) and IEC 60533 (1999)

THIS CERTIFICATE IS ISSUED IN COMPLIANCE WITH CONFORMITY ASSESSMENT MODULE B OF THE REGULATIONS AND

ISSUE DATE: 28 January 2011

EXPIRATION DATE: 25 August 2015

SIGNATURE:

S.C. Sexstone

Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to being placed on board vessels to which the amended regulations or standards apply.

This "Mark of Conformity" may only be affixed to the above equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase Module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written agreement with a Notified Body

The attached document list forms part of this Certificate

This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. ABS Europe Ltd. is a Notified Body under the authorization of UK MCA by Merchant Shipping Equipment Regulation, SI 1999, No. 1957 and M Notice No. 1734 as amended. Compliance with the provisions laid down in EU Directive 96/98/EC of 20 December 1996 as amended will be determined as governed by the terms and conditions as contained in ABS Rules 1-1-A3/5 9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

ECTEC (rev 3 01/10)



The MCA is an Executive Agency of the  
Department of Environment, Transport and Regions

**Certificate No.:** 11-LD698719-EC  
**Entry Date:** 28 January 2011  
**Name of Applicant:** Apollo Fire Detectors Ltd.  
36 Brookside Road,  
Havant, Hampshire  
England  
United Kingdom  
PO9 1JR  
  
Tel: +44-2392-492412  
Fax: +44-2392-492754

**Manufacturer:** Cooper Fulleon Ltd.  
Llantarnam Park  
Cwmbran  
United Kingdom  
NP44 3AW  
  
Tel: +44-1633-628-558  
Fax: +44-1633-866-346

**Equipment/Component:** Alarm Devices

**Model:** Symphoni

**Description:** Addressable multi tone open area sounder beacons with or without isolator base. The sound level output is between 92 and 100 DB (A). Four typical variants: Apollo 55000-374 MAR sounder beacons with isolator; Apollo 55000-375 MAR sounder beacons without isolator; Apollo 55000-398 MAR sounder beacons with isolator and Apollo 55000-399 MAR sounder beacons without isolator. The Symphoni AV multi tone open-area sounder beacons can be used in conjunction with the Apollo XP95 or the Discovery range of fire detectors

**Intended Service:** Open spaces Sounders / beacons for fire control on board ships and offshore installations

**Ratings:** Nominal voltage: 18 to 28 V DC; Quiescent Current: 0.4 mA;  
Alarm Current: 6.3 to 9 mA;  
Operating temperature: - 10 to 55 degree C;  
Ingress protection: IP 21C

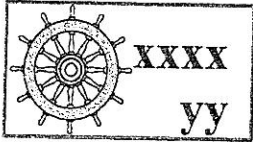
**Comments:** Approved in accordance with the requirements for Alarm devices, item A.1/3.53 of the European Union Marine Equipment Directive 96/98/EC as Amended By Directive 2009/26/EC.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the Notified Body named on this certificate.



The "Mark of Conformity" may only be affixed to the above equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written agreement with a Notified Body.

Example for the application of the "Mark of Conformity":



0729

Number of the Notified Body responsible for the quality surveillance module.

11

Last two digits of the year in which the mark is affixed.

Drawing Schedule:

DRAWING NO.

10-LD607858-PDA

TE225769

TITLE

PRODUCT DESIGN ASSESSMENT

SYMPHONI TEST REPORT

