



## EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No.1025), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Fire protection equipment requirements of Marine Equipment Directive (MED) 2014/90/EU and Commission Implementing Regulation (EU) 2018/773 indicating design, construction and performance requirements and testing standards for marine equipment, subject to any conditions in the Design Appraisal Document attached hereto.

<b>Manufacturer (Applicant) Address</b>	APOLLO FIRE DETECTORS LIMITED  36 Brookside Road Havant Hampshire PO9 1JR
<b>Reference</b>	<b>Regulation 2018/773</b>
<b>Regulation Item</b>	<b>MED/3.51f- Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces (f) Manual Call Points</b>
<b>Product Type</b>	<b>Manual Call Point 58200-975 MAR Discovery Marine Waterproof Manual Call Point</b>
<b>Product Description</b>	<b>Discovery Marine Waterproof Manual Call Point</b>
<b>Specified Standard</b>	EN 54-11:2001 incl. A1:2005 IEC 60092-504:2016, IEC 60533:2015.

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      13 December 2018      Expiry date      13 August 2023

Certificate No.      MED 1800024/M1      Signed



Sheet No.      1 of 3      Name      M. J. Higgins  
For and on behalf of Lloyd's Register Verification  
LRV EC Distinguishing No. 0038

**Note:**

**This certificate is issued under the authority of the MCA.**

**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.**

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**Lloyd's Register Verification Limited**

71 Fenchurch Street, London, EC3M 4BS  
Telephone 020 7423 2416 Fax 020 7423 2053  
Email med@lr.org

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Document number MED 1800024/M1
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 13 December 2018	Quote this reference on all future communications UKITSO/TA/ETS/MJH/WP33253892
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**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1800024/M1**

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.

**APPROVAL DOCUMENTATION**

LPCB ISO 9001:2008 Certificate Number 010 Issue 17	5 Feb 2018
39214-759 Issue 4 Discovery Marine Waterproof MCP Installation Guide	Sept 2015
47100-272 Issue 5 Printing Spec for Outdoor Marine Manual Call Point Product Labels	Oct 2016
58200-975MAR Apollo Fire Detectors EU Declaration of Conformity	20 Feb 2018

**DRAWINGS**

43782-016 PCB Assembly Waterproof Manual Call point Issue 1	Apr 2013
43785-218 PCB Assembly Manual Call Point 2 <sup>nd</sup> Fit Issue 1	Apr 2013
58200-950CD Waterproof Manual Call Point Circuit Diagram Issue 1	Apr 2013
58200-975 Discovery Waterproof Marine MCP General Assembly Drawing Rev 2	18 Oct 2013
58200-975 Build Standard Sheet 1 of 2 Issue 6	09 2015
58200-975 Build Standard Sheet 2 of 2 Issue 6	09 2015

**TEST REPORTS**

Intertek Test Report Number 103418671LHD-021	6/7/2018
Intertek Environmental Test Report, Number 102257324LHD-001	8 Sept 2015

**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) or a Product Verification Process (Module F). 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



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Telephone 020 7423 2416 Fax 020 7423 2053

Email [med@lr.org](mailto:med@lr.org)

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##### PLACE OF PRODUCTION

Apollo Fire Detectors Limited  
36, Brookside Road  
Havant  
Hampshire  
PO9 1JR  
United Kingdom

Matt Higgins  
Electrical Specialist  
Engineering Systems  
UK&I Technical Support Office, Marine & Offshore  
For and on behalf of Lloyd's Register Verification  
**LRV EC Distinguishing No. 0038**