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*Your file    Votre référence*

*Our file    Notre référence*

A8706-25-2-3

RDIMS #1788245(10-4-06)

RDIMS #7886698

04 October, 2012

Kidde-Fenwal, Inc.  
400 Main Street  
Ashland, MA 01721, U.S.A.

Attn: Ms Stephanie C. Thomas  
Fire Protection Engineer

**SUBJECT: Renewal TC Letter of Acceptance (LOA) for Kidde-Fenwal FM-200  
Marine ADS Series Engineered Fire Suppression Systems**

Dear Ms. Thomas

The subject Marine ADS Series Engineered Fire Suppression System for Machinery Spaces and Cargo pump rooms was originally granted a LOA by TC on 30 April, 2011 based on the approval Certificates issued by ULC, DNV Certificate No. F-17816 and USCG Certificate No.162.161/7/0 and 162.161/9/0.

Considering that the product has not undergone any changes, and based on Kidde-Fenwal holding valid Certificates of Approval issued by ABS and USCG, TCMS hereby approves this product for use on Canadian-Registered vessels. The following documents must accompany this Letter of Acceptance (LOA) on delivery of the system to a vessel :

1. This TC Renewal LOA.
2. ABS Product Type Approval Certificate #11-HS776659-1-PDA dated 25 Sept, 2012, expiry date 18 Sept, 2017. ABS service restrictions to be complied with.
3. USCG Certificate of Approval #162.161/7/0 dated 10 August 2012, expiry date 10 August, 2017.
4. Compliance with SOLAS Ch.II-2 Reg 10.4, MSC/Circ. 848 and as amended by MSC/Circ. 1267, FSS Code Chapter 5.2.5 as amended.
5. Kidde-Fenwal manuals and related documents.
6. The attached SCHEDULE.

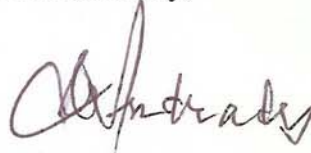
**Canada**

This LOA is valid until 18 Sept, 2017 unless revoked earlier by Class or other "Administrations". Prior to the expiration date, this LOA may be extended upon written request addressed to this office.

The systems will be listed in our Approved Product Catalog Index under "Active Fire Protection" at the following address:

<http://www.tc.gc.ca/MarineSafety/APCI/default.asp>

Yours sincerely,



For Manager, Safety Equipment,  
Matthew Andrades, AMSRE  
Senior Marine Safety Inspector,  
Safety Equipment  
TC Marine Safety, Ottawa, ON.



## SCHEDULE

Drawings, Data and Information to be submitted in four (4) copies on a Ship by Ship Basis to the applicable Transport Canada Marine Safety Regional Office or delegated Classification Society (ABS) for examination, and if found acceptable, will be stamped "Noted".

- A) Copies of the complete system drawings, including electrical supplies and wiring as required in the Canadian Fire Detection and Extinguishing Equipment Regulations (FDEER) under "Submission and Approval of Plans".
- B) List of all components.
- C) Detailed calculations, capacities, application rates, etc.
- D) Piping, valves, nozzles and securing arrangements.
- E) Copies of test certificates for all components in system.
- F) List of recommended spare parts to be carried.
- G) All equipment in system to be suitably rated for marine environment.
- H) All cylinders to be certified by TDG as per Transportation of Dangerous Goods (TDG) Regulations.

The final installation shall be acceptable to the attending TC Marine Safety Inspector/Classification Surveyor and all components and installed system certified by the relevant Classification Society.

The components and installed system shall be certified and maintained by a service agent approved by Kidde Fenwal.

\*\*\*END\*\*\*