



**U.S. Department of Transportation**  
**United States Coast Guard**  
**Certificate of Approval**

Coast Guard Approval Number: 161.002/42/0

Expires: 23 January 2008

**FIRE PROTECTIVE SYSTEM**

**NOTIFIER**  
12 Clintonville Road  
NORTHFORD CT 06472

Fire Alarm Control Panel NFS-640

INCLUDES Control Panel, Annunciators, Modules, Accessories, Initiating Devices, and Notification Devices listed in Appendix C4 (dated 11/08/2002) of "Fire Alarm Control Panel NFS-640 & NFS-640E Installation Manual," PN 51332:A1, dated 01/16/2002.

Identifying Data: Notifier "Fire Alarm Control Panel NFS-640 & NFS-640E Installation Manual," PN 51332:A1, with components, initiating devices and notification devices limited to those listed in Appendix C4.

Control panel shall be programmed such that the signal silence key will silence the audible fire alarms while permitting the visible fire alarms to remain until manually reset.

P24-series notification devices, S24-series notification devices, SP2-series notification devices, control panel, annunciators, pull stations, and detectors are suitable for use in areas requiring exceptional degrees of protection (i.e., wet/damp locations such as galleys, machinery spaces, and cargo spaces.)

Test Reports by: Underwriters Laboratories, Inc (File No. S635, S911, S2101, and S3705) and Retlif Testing Laboratories (R-8599 and R-9396).

Follow-up program on control panel to be conducted by Underwriters Laboratories.

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

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 23<sup>rd</sup> DAY OF  
JANUARY 2003, AT WASHINGTON D.C.

J. G. LANTZ  
Chief, Lifesaving and Fire Safety Standards Division  
BY DIRECTION OF THE COMMANDANT, U.S.C.G.

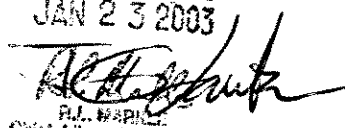
APPENDIX C 4 Equipment listed by U.S. Coast Guard as compatible with the NFS-640

AA-30 Audio Amplifier  
 AA-100 Audio Amplifier  
 ABM-16AT Annunciator Blank Module  
 ABM-32A Annunciator Blank Module  
 ACM-16AT Annunciator Control Module  
 ACM-24AT Annunciator Control Module  
 ACM-32A Annunciator Control Module  
 ACM-48A Annunciator Control Module  
 ADP-4 Annunciator Dress Panel  
 AEM-16AT Annunciator Expander Module  
 AEM-24AT Annunciator Expander Module  
 AEM-32A Annunciator Expander Module  
 AEM-48A Annunciator Expander Module  
 AMG-1 Audio Message Generator  
 ARM-4 Auxiliary Relay Module  
 BMP-1 Blank Module Plate  
 BP-4 Battery Dress Plate  
 B224RB Intelligent Relay Base  
 B224BI Intelligent Isolator Base  
 B501 Intelligent Base  
 B501BH Sounder base with B501 base  
 B501BHT B501BH with Temporal sounder  
 B710LP Intelligent Detector Base  
 CAB-4 Series Mounting Hardware (Backboxes are ordered separately. Black unless "R" is added to part number)  
 Backboxes( For red add "R" to PN)  
 SBB-A4 A size backbox  
 SBB-B4 B size backbox  
 CHS-4L Chassis for voice system  
 CHM-M2 Chassis for 1<sup>st</sup> row (included in basic equipment package)  
 CHS-4MB Chassis for second row  
 CRE-4 Control Relay Expander  
 CRM-4RK Control relay Module  
 DP-1B Blank Dress Panel  
 DP-DISP Display Dress Panel  
 DPDW-1B Double Well Dress Plate  
 DPSW-1B Single Well Dress Plate

\*Acclimate FAPT-751 Addressable Combination Photo/Heat Detector  
 FSM-101 Addressable Pull Station Module  
 FCM-1 Addressable Control Module  
 FMM-1 Addressable Monitor Module  
 FMM-101 Addressable Mini Monitor Module  
 FRM-1 Addressable Relay Module  
 FSI-751 Addressable Ion Detector  
 FSP-751 Addressable Photo Detector  
 FSL-751 Addressable Laser Detector  
 FSP-751T Addressable Photo / Thermal Detector  
 \*FST-751 Addressable Heat Detector  
 FST-751R Addressable Heat with Rate of Rise  
 ICE-4 Indicating Control Expander  
 ICM-4RK Indicating Control Module  
 ISO-X Loop Fault Isolator Module  
 KDM-2 Keypad/Display Unit  
 LEM-320 Loop Expander Module  
 MP-1B Panel Module Dress Plate  
 NBG-12LX Addressable Pull Station  
 NBG-12S Single Action Manual Pull Station  
 NBG-12SP Spanish Labeling  
 NBG-12 Dual Action Pull Station Hex Lock  
 NBG-12L Dual Action Pull Station with Key Lock  
 NCA Network Communication Annunciator  
 NCM-F Network Control Module (Fiber)  
 NCM-W Network Control Module (WIRE)  
 PS-12120 Battery 12 volt 12 Amp-Hour  
 PS-12180 Battery 12 volt 18 Amp-Hour  
 PS-12250 Battery 12 volt 25 Amp-Hour  
 PS-12550 Battery 12 volt 55 Amp-Hour  
 R-120 120 Ohm End of Line Resistor  
 R-2.2K 2.2K Ohm End of Line Resistor  
 R-27K 27K Ohm End of Line Resistor  
 R-470 470 Ohm End of Line Resistor  
 R-47K 47K Ohm End of Line Resistor  
 TM-4 Transmitter Module

Note: Refer to Data Sheets for mounting instructions.

\* Acclimate FAPT-751 and FST-751 are suitable for Controlled Environments.

APPROVED  
 Subject to conditions in  
 Commandant (G-153E) approval certificate  
 161.0021 12/10  
 JAN 23 2003  
  
 P.J. MARPLE  
 Chief, Life Saving and Fire  
 Safety Operations Division  
 By Command of the Commandant  
 United States Coast Guard

APPENDIX C 4 Equipment listed by U.S. Coast Guard as compatible with the NFS-640

SYSTEM SENSOR HORNS/STROBES/SPEAKERS

- H24 (W) 24VDC Horn Red (White)
- H24K (W) 24VDC Horn Weather proof Red Only
- MA/SS-24D 24VDC Electronic Sounder/Strobe
- P2415(W) 24VDC 15cd Horn/Strobe Red (White)
- P241575 (W) 24VDC 15/75cd Horn/Strobe Red (White)
- P2430 (W) 24VDC 330cd Horn/Strobe Red (White)
- P24110 (W) 24VDC 110cd Horn/Strobe Red (White)
- P241575K 24VDC 15/75cd Horn /Strobe Weather proof Red Only
- P2475K 24VDC 75cd Horn /Strobe Weather proof Red Only
- P24110K 24VDC 110cd Horn /Strobe Weather proof Red Only
- P241575P(W) 24VDC 15/75cd Horn /Strobe No Lettering Red (White)
- P241575AG 24VDC 15/75cd Horn /Strobe Agent Red Only
- P241575EV 24VDC 15/75cd Horn /Strobe Evacuation Red Only
- S2415 (W) 24VDC 15cd Strobe Red (White)
- S241575 (W) 24VDC 15/75cd Strobe Red (White)
- S2430 (W) 24VDC 30cd Strobe Red (White)
- S2475 (W) 24VDC 75cd Strobe Red (White)
- S24110 (W) 24VDC 110cd Strobe Red (White)
- S241575K 24VDC 15/75cd Strobe Weather proof Red Only
- S2475K 24VDC 75cd Strobe Weather proof Red Only
- S24110K 24VDC 110cd Strobe Weather proof Red Only
- S241575P (W) 24VDC 15/75cd Strobe No Lettering Red (White)
- S241575AG 24VDC 15/75cd Strobe Agent Red Only
- S241575EV 24VDC 15/75cd Strobe Evacuation Red Only
- SP2R2415 24VDC 15cd Speaker/Strobe Red
- SP2W2415 24VDC 15cd Speaker/Strobe White
- SP2R241575 24VDC 15/75cd Speaker Strobe Red
- SP2W241575 24VDC 15/75cd Speaker/Strobe White
- SP2R2430 24VDC 30cd Speaker/Strobe Red
- SP2W2430 24VDC 30cd Speaker Strobe White
- SP2R2475 24VDC 75cd Speaker/Strobe Red
- SP2W2475 24VDC 75cd Speaker/Strobe White
- SP2R24110 24VDC 110cd Speaker/Strobe Red
- SP2W24110 24VDC 110cd Speaker/Strobe White
- SP201W Square White Wall mount Speaker
- SP201R Square Red Wall mount Speaker

MOUNTING BOXES

- WBB Weather proof Backbox from System Sensor
- WP-10 Weather proof Backbox from Notifier
- BBS-SP2R Surface mount Backbox Skirt Red
- BBS-SP2W Surface mount Backbox Skirt White

SURGE SUPPRESORS

- 29149 Ferrite Bead for AC input
- 3VR3 EMI Filter from CORCOM for AC input

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