



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 317-01-E (Correction)

**Note: Per Fire Department correspondence dated September 9, 2005, Recommendation No. 1 has been amended. This supercedes in its entirety previous approval dated January 2, 2002.**

**Manufacturer:** Notifier, 12 Clintonville Road, Northford, CT 06472-1001.

**Trade Name(s):** Notifier.

**Product:** Fire Alarm Equipment.

**Pertinent Code Section(s):** 27-968 thru 27-977, RS 17.

**Test(s):** RS 17-5 ANSI/NiPA No. 72; UL 864.

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File S635, Project 01NK16253, Volume 43, Sec. 1, Issued July 12, 2001, S635, Project 01NK16253, Volume 23, Sec. 2, Issued August 6, 2001, S635, Project 01NK16253, Volume 42, Sec. 1, Issued November 2, 2000, Revised August 7, 2001, S635, Volume18, Sec. 1, Issued September 28, 1989, Revised July 31, 2001.

**Description** – The NFS-640 is an intelligent addressable fire alarm system. It has one signaling line circuit (SLC), expandable to two. It has a capability of 159 detectors and 159 modules per SLC. The Network Control Annunciator (NCA) is a 640 character backlit LCD with operator keypad. The ACM-24AT and ACM-48A are programmable annunciators. The AEM-24AT and AEM-48A are annunciator expander modules. The following equipment is compatible and used with the NFS-640:

<u>Part Number</u>	<u>Description</u>
AA-30/-100/-120	Audio Amplifiers
ABF-1B/-2B/-4B	Annunciator Flush Boxes (B suffix = color black)
ABF-1D/-2D/-4D	Annunciator Flush Boxes with doors
ABF-1DB/-2DB	Annunciator Backboxes (B suffix = color black)
ABM-16AT/-32A	Annunciator Blank Modules
ABS-1B/-1TB	Annunciator Backboxes (B suffix = color black)
ABS-1T/-2	Annunciator Backboxes
ABS-2B	Annunciator Backbox (B suffix = color black)
ABS-4D	Annunciator Backbox
ABS-8R	Annunciator Backbox for ACM-8R
ACM-8R/-16AT/-24AT/-32A/-48A	Annunciator Control Modules
ACPS-2406	Power Supply
ACT-1/-2	Audio Coupling Transformers
ADP-4B	Annunciator Dress Panel (B suffix = color black)
AEM-16AT/-24AT/-32A/-48A	Annunciator Expander Modules
AFM-16A/-16AT/-32A	Annunciator Fixed Modules
AKS-1B	Annunciator Key Switch (B suffix = color black)
AMG-1/-E	Audio Message Generators
APS-6R	Auxiliary Power Supply
ARM-4	Auxiliary Relay Switch
BM-1B	Dress Panel
BMP-1	Annunciator Blank Module
BP-4	Battery Dress Plate
BX-501	Intelligent Detector/Sensor Base
B-501	Intelligent Base
CAB-4 Series	Cabinets (can include "R" suffix for red)
CCM-1	Communication Converter Module
CHG-120	Battery Charger
CHS-4L/-4MB/-M2/-4N	Chassis
CPU-640	NFS-640 CPU Module
CRE-4	Control Relay Expander Module
CRM-4RK	Control Relay Module
CRT-2	Video Display with Keyboard
DCM-4RK	Dual Monitor Module
DP-1B	Blank Dress Plate
DP-DISP	Display Dress Plate
DPDW-1B	Double Well Dress Plate (B suffix = color black)
DPSW-1B	Single Well Dress Plate (B suffix = color black)
FAPT-751	Photo/Heat Detector (MEA 229-00-E)
FCM-1	NAC Control Module
FCPS-24	Field Charger/Power Supply
FDU-80	Remote Fire Annunciator
FFT-7/-7S	Fire Fighter's Telephones
FHS	Fireman's Handset
FMM-1	Monitor Module (MEA 457-99-E)
FMM-101	Mini-monitor Module (MEA 457-99-E)
FPJ	Fireman's Phone Jack
FRM-1	Relay Module
FSI-751	Ion Detector
FSP-751	Photo Detector
FSP-751T	Photo Detector with Thermal Detector
FST-751/-751R	Thermal Detector

ICE-4	Indicating Control Expander
ICM-4RK	Indicating Control Module
IPX-751	Multi-sensor Intelligent Detector
ISO-X	Loop Fault Isolator Module
L20-300-BX/-310-BX	Enclosures
LCD-80	Liquid Crystal Display Module
LCD-80TM	Terminal Mode LCD Annunciator
LDM-32/-E32/-R32	Lamp Driver Modules
LEM-320	Loop Expander Module
LPX-751	Low Profile Laser Detector
MP-1B	Dress Panel Module
MPS-24A/-24B	Main Power Supplies
NCA	Network Control Annunciator
NCM-W	Network Control Module (Wire)
NCS	Network Control Station
N-ELR	Assortment End-of Line Resistors
NFS-LBB	Battery Box (can have "R" suffix for red)
P-40	Keltron Printer
P40-KITB	Dress Plate for Keltron Printer
PRN-5	80 Column Printer
PS-12120	Battery, 12 Volt, 12 AH
PS-12180	Battery, 12 Volt, 18 AH
PS-12250	Battery, 12 Volt, 25 AH
PS-12550	Battery, 12 Volt, 55 AH
PS-12600	Battery, 12 Volt, 60 AH
R-120/-2.2K/-27K/-470/-47K	End of-Line Resistors
RA-400/-400Z	Remote Annunciators
RPJ-1	Fireman's Phone Jack
RPT-485W	EIA-485 Repeater (Wire)
RM-1/-1SA	Remote Microphones
STS-1	Tamper Switch
TM-4	Transmitter Module
UDACT	Universal Digital Alarm Comm//Transmitter
UZC-256	Universal Zone Coder
VCE-4	Voice Control Expander
VCM-4RK	Voice Control Module
VP-2B	Filler Dress Plate
XP5-C	Transponder Control Module
XP5-M	Transponder Monitor Module
XPC-8	Transponder Control Module
XPDP	Transponder Dress Panel
XPIQ	Quad Intelligent Audio Transponder
XPM-8/-8L	Transponder Monitor Module
XPP-1	Transponder Processor
XPR-8	Transponder Relay Module

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992. The Bureau of Fire Prevention has no objections Letter dated December 13, 2001 F.P. Index No. 0110030A and e-mail correspondence dated September 9, 2005.

Recommendation - That the above units be accepted on condition that all uses, configurations, arrangements and functions, applications and installations shall comply with the provisions of New York City Buildings Code, specifically Subchapter 17, and Reference Standard RS 17-3, the UL Listing, and on further condition that:

1. Fire Alarm Control Unit, NFS-640:

When used with a central office communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.

Prior to the installation of the pre-recorded automatic evacuation system, a specific approval for a specific installation must be obtained from the Fire Department.

The location of Fireman's Phone Jacks, method of installation and their performance must meet the provisions of §27-974 and §27-972(i)(2) of the Buildings Code.

The connection of security/burglar devices and equipment to a fire command station is prohibited. A sign must be provided to indicate same.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance April 5, 2006  
Examined by Donald J. [Signature]