

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that SEACOAST SECURITY
of PO Box K, Freeport, Maine 04032

For installation at 255-259 OXFORD ST
15-unit apartment bldg

Job ID: 2011-08-2061-FAFS

CBL: 033 - - D - 020 - 001 - - - - -

has permission to add a Telguard cell communicator to existing FACP.

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Bjorn Kelly (58)
Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-08-2061-FAFS
Install a Telguard cell communicator to
an existing FACP.

For installation at:
255-259 OXFORD ST
15-unit apartment bldg

CBL: 033 - - D - 020 - 001 - - - -

Conditions of Approval:

Zoning

1. This property shall remain a 15 residential unit building as documented by a Certificate of Occupancy on file. Any change of use shall require a separate permit application for review and approval.
2. This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. without special approvals.

Fire

This permit is to add a Telguard cell communicator to an existing fire alarm system only. A separate fire alarm permit shall be required for the fire alarm system replacement within 2 months with installation and certification within 6 months.

Installation shall comply with the City of Portland Standard for Signaling Systems for the Protection of Life and Property. All fire alarm installation and servicing companies shall have a Certificate of Fitness from the Fire Department.

Installation of a Fire Alarm system requires a Knox Box to be installed per city ordinance.

The fire alarm system shall be certified by a master fire alarm company and have a new fire alarm inspection sticker.

System acceptance and commissioning must be coordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2011-08-2061-FAFS	Date Applied: 8/23/2011	CBL: 033 - - D - 020 - 001 - - - - -	
Location of Construction: 255-259 OXFORD ST	Owner Name: LMG Properties, LLC	Owner Address: 70 FOREST AVE PORTLAND, ME - MAINE 04101	Phone:
Business Name:	Contractor Name: Lewis Garza @ Seacoast Security	Contractor Address: PO BOX K FREEPORT MAINE 04032	Phone: (207) 865-0394
Lessee/Buyer's Name:	Phone:	Permit Type: FIRE ALARM - Fire Alarm	Zone: B-2b
Past Use: Legal use is 15 residential dwelling units per a certificate of occupancy on file	Proposed Use: No change of use approved - 15 residential dwelling units - to install a fire alarm system	Cost of Work: 1000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type:
		Signature: <i>[Signature]</i> - (58)	Signature:
Proposed Project Description: 2nd flr hallway on the 257 side		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		Zoning Approval	

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>[Signature]</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
	<p>CERTIFICATION 8/25/11</p>		

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHON

ELECTRICAL PERMIT

City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:
 The undersigned hereby applies for a permit to make electrical installations
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,
 National Electrical Code and the following specifications:

Date AUG. 19, 2011

Permit # _____

CBL# 33-D-20

LOCATION: 255-257-259 OXFORD ST. METER MAKE & # _____
 CMP ACCOUNT # _____ OWNER LMIG PROPERTIES, LLC
 TENANT _____ PHONE # 775-6561 x 202

TOTAL EACH FEE

OUTLETS	Receptacles	Switches	Smoke Detector		
				.20	
FIXTURES	Incandescent	Fluorescent	Strips	.20	
SERVICES	Overhead	Underground	TTL AMPS <800	15.00	
	Overhead	Underground	>800	25.00	
Temporary Service	Overhead	Underground	TTL AMPS	25.00	
				25.00	
METERS	(number of)			1.00	
MOTORS	(number of)			2.00	
RESID/COM	Electric units			1.00	
HEATING	oil/gas units	Interior	Exterior	5.00	
APPLIANCES	Ranges	Cook Tops	Wall Ovens	2.00	
	Insta-Hot	Water heaters	Fans	2.00	
	Dryers	Disposals	Dishwasher	2.00	
	Compactors	Spa	Washing Machine	2.00	
	Others (denote)			2.00	
MISC. (number of)	Air Cond/win			3.00	
	Air Cond/cent		Pools	10.00	
	HVAC	EMS	Thermostat	5.00	
	Signs			10.00	
	Alarms/res			5.00	
	✓ Alarms/com			15.00	
	Heavy Duty(CRKT)			2.00	
	Circus/Carnv			25.00	
	Alterations			5.00	
	Fire Repairs			15.00	
	E Lights			1.00	
	E Generators			20.00	
PANELS	Service	Remote	Main	4.00	
TRANSFORMER	0-25 Kva			5.00	
	25-200 Kva			8.00	
	Over 200 Kva			10.00	
				TOTAL AMOUNT DUE	
MINIMUM FEE/COMMERCIAL 55.00				MINIMUM FEE	45.00

RECEIVED
 AUG 19 2011
 Dept. of Building Inspections
 City of Portland, Maine

CONTRACTORS NAME SEACOAST SECURITY, LLC MASTER LIC. # _____
 ADDRESS 4 SUMMER ST. FREEPORT, ME LIMITED LIC. # LM50016774
 TELEPHONE 865-0394

SIGNATURE OF CONTRACTOR

White Copy - Office • Yellow Copy - Applicant

ELECTRICAL PERMIT

City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:
 The undersigned hereby applies for a permit to make electrical installations
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,
 National Electrical Code and the following specifications.

Date AUG. 19, 2011
 Permit # _____
 CBL# 33-D-20

LOCATION: 255-257-259 OXFORD ST. METER MAKE & # _____
 CMP ACCOUNT # _____ OWNER LMG PROPERTIES, LLC
 TENANT _____ PHONE # 775-6561 x 202

TOTAL EACH FEE

OUTLETS	Receptacles	Switches	Smoke Detector		
				.20	
FIXTURES	Incandescent	Fluorescent	Strips	.20	
SERVICES	Overhead	Underground	TTL AMPS <800	15.00	
	Overhead	Underground	>800	25.00	
Temporary Service	Overhead	Underground	TTL AMPS	25.00	
				25.00	
METERS	(number of)			1.00	
MOTORS	(number of)			2.00	
RESID/COM	Electric units			1.00	
HEATING	oil/gas units	Interior	Exterior	5.00	
APPLIANCES	Ranges	Cook Tops	Wall Ovens	2.00	
	Insta-Hot	Water heaters	Fans	2.00	
	Dryers	Disposals	Dishwasher	2.00	
	Compactors	Spa	Washing Machine	2.00	
	Others (denote)			2.00	
MISC. (number of)	Air Cond/win			3.00	
	Air Cond/cent		Pools	10.00	
	HVAC	EMS	Thermostat	5.00	
	Signs			10.00	
	Alarms/res			5.00	
	✓ Alarms/com			15.00	
	Heavy Duty(CRKT)			2.00	
	Circus/Carnv			25.00	
	Alterations			5.00	
	Fire Repairs			15.00	
	E Lights			1.00	
	E Generators			20.00	
PANELS	Service	Remote	Main	4.00	
TRANSFORMER	0-25 Kva			5.00	
	25-200 Kva			8.00	
	Over 200 Kva			10.00	
			TOTAL AMOUNT DUE		
MINIMUM FEE/COMMERCIAL 55.00			MINIMUM FEE	45.00	

RECEIVED
 AUG 19 2011
 Dept. of Building Inspections
 City of Portland, Maine

CONTRACTORS NAME SEACOAST SECURITY, INC. MASTER LIC. # _____
 ADDRESS 4 SUMMER ST. FREEPORT, ME LIMITED LIC. # LM50016774
 TELEPHONE 865-0394

SIGNATURE OF CONTRACTOR [Signature]
 White Copy - Office • Yellow Copy - Applicant



Fire Alarm Permit

3-26

If you or the property owner owes real estate or property taxes or user charges on any property within the city, payment arrangements must be made before permits of any kind are accepted.

Installation address: 255-257-259 Oxford St. CBI: 33-D 20

Exact location: (within structure) 2nd floor hallway on the 257 side.

Type of occupancy(s) (NFPA & ICC): 18 unit apartment building

Building owner: LMG Properties, LLC

System Designer (point of contact): Steve Spearin - Nicet level 3

Designer phone: 207-865-0394 E-mail: n/a

Installing contractor: Seacoast Security, Inc. Certificate of Fitness No: M1006

Contractor phone: 865-0394 E-mail: _____

This is a new application: YES NO New AES Master Box: YES NO
(Include Master Box approval form)

Amendment to an existing permit: YES NO Permit no: _____

The following documents shall be provided with this application:

- Floor plans
- Scope of Work
- Wiring diagram
- 11 1/2 x 17s
- Annunciator details
- pdf copy (may be e-mailed)
- Input/ Output Matrix
- Designer qualifications
- Equipment data sheets
- Battery/ voltage drop calcs
- Electrical Permit Pulled (check alarm/com)

COST OF WORK: N/A

PERMIT FEE: N/A
(\$10 PER \$1,000 + \$30 FOR THE FIRST \$1,000)

RECEIVED

AUG 23 2011
Dept of Building Inspections
City of Portland Maine

Master box approval only: YES NO
(If yes check *New AES Master Box* above)

The **designer** shall be the responsible party for this application. Download a new copy of this application at www.portlandmaine.gov/fire for every submittal. Submit all plans in electronic PDF in addition to readable 11 1/2 x 17s to the Building Inspections Department, 389 Congress Street, Room 315, Portland, Maine 04101.

Prior to acceptance of any fire alarm system, a complete commissioning and acceptance test must be coordinated with all fire system contractors and the Fire Department, and proper documentation of such test(s) provided.

All installation(s) must comply with the *City of Portland Technical Standard for Signaling Systems for the Protection of Life and Property*, available at www.portlandmaine.gov/fire

Applicant signature: *John McLaughlin* Date: Aug. 22, 2011

City of Portland, Maine – Building or Use Permit Application 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: 255 Oxford St		Owner: Schwartz, Leo		Phone:		Permit No 970504 ISSUED Permit Issued: MAY 28 1997 CITY OF PORTLAND		
Owner Address:		Lessee/Buyer's Name:		Phone:			Business Name:	
Contractor Name: Ace Building Corporation		Address: 260 Beech Ridge Rd Scarborough, ME 04074		Phone: 839-4296				
Past Use: Multi Family		Proposed Use: Same		COST OF WORK: \$ 20,000.00 PERMIT FEE: \$ 120.00				
				FIRE DEPT. <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: Type:				
Proposed Project Description: Make Fire Repairs No structural Changes		Proposed Project Description: TOP UNIT (21 units @ 255 Oxford St Entrance)		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zone: CBL: 033-D-020 B-2 Zoning Approval: <i>OK with conditions</i> Special Zone or Review: <i>see attached</i> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan maj <input type="checkbox"/> minor <input type="checkbox"/> mm		
Permit Taken By: Mary Gresik		Date Applied For: 19 May 1997		Signature: <i>[Signature]</i>		Date:		

- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

15603/30-3628
 15604/30-3630
 15605/30-3629

Call Buckley 831-5118
PERMIT ISSUED WITH REQUIREMENTS

Zoning Appeal

Variance
 Miscellaneous
 Conditional Use
 Interpretation
 Approved
 Denied

Historic Preservation

Not in District or Landmark
 Does Not Require Review
 Requires Review

Action:

Approved
 Approved with Conditions
 Denied

Date: 5/19/97

[Signature]

CEO DISTRICT **2**
A. Rowe

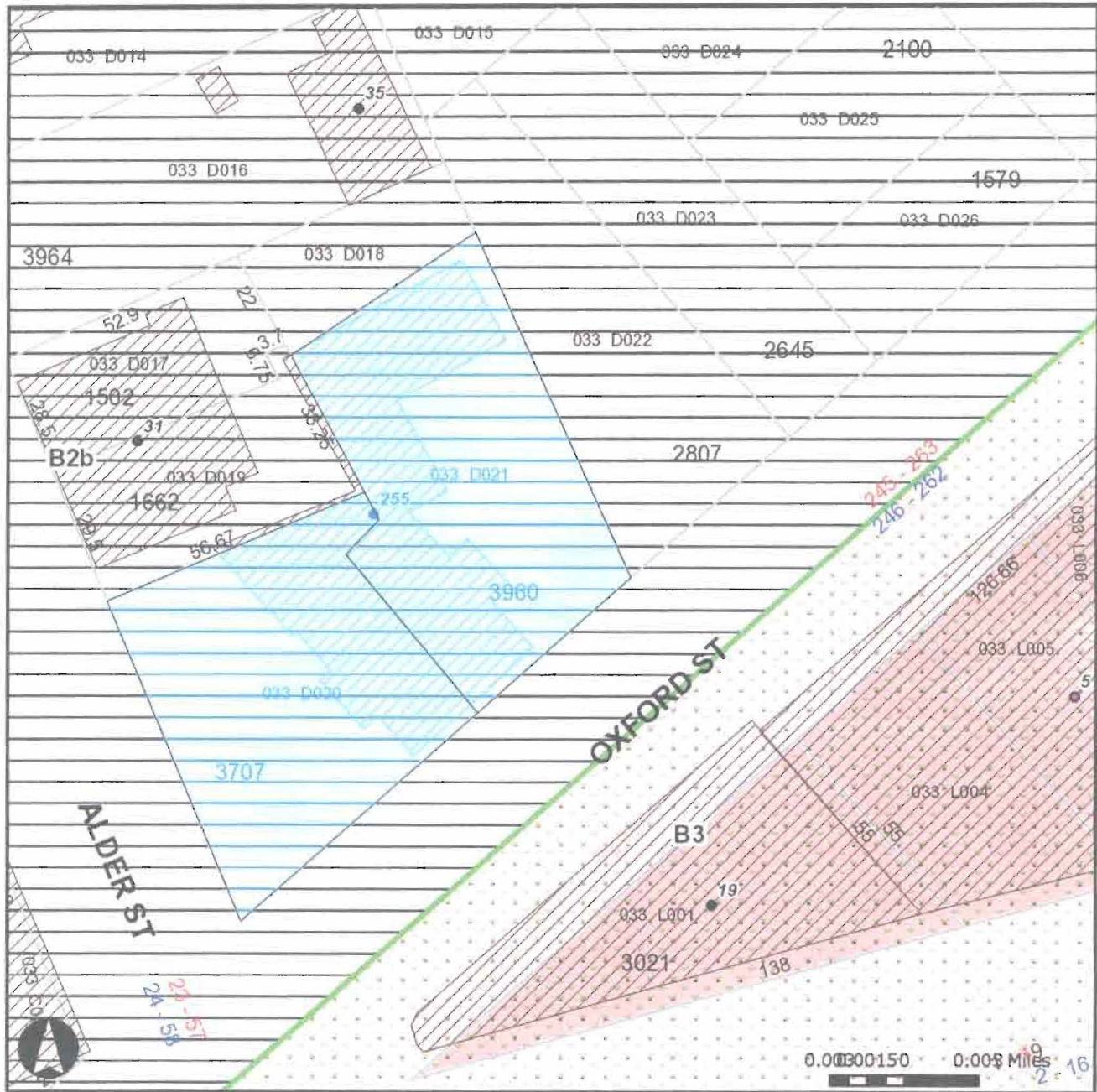
CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit

SIGNATURE OF APPLICANT *[Signature]* Oren Ahlquist ADDRESS: DATE: 19 May 1997 PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:

Map



Parcels	Stream Overlay Zone	Zoning (continued)	Zoning (continued)
Parcel	Stream_protection	R2 Residential	C25
Interstate	Island Zoning	R3 Residential	C26
Streets	C43	R4 Residential	C27
Buildings	I-B	R5 Residential	C28
Building	I-TS	R6 Residential	C29
Out Building	I-R1	ROS Recreation Open Space	C30
	I-R2		C31

Seacoast Security

P.O. Box K
4 Summer St.
Freeport Maine. 04032
207-865-0394 1-800-210-5723
Fax 207-865-0852
sales@seacoastsecurity.com



Sales Quote

Project: Telguard Communicator

Questions? Please call John McDonough

Quote #: JMF010427 Date 8/18/2011 Quote Expires on: 9/17/2011

LMG Properties, LLC
255-257-259 Oxford St.
Portland, ME 04101
Attention: Marc Fishman
775-6561 x 202
marc@fishmanrealty.com

Part #	Description
	TELGUARD COMMUNICATOR PROVIDE AND INSTALL A CITY OF PORTLAND APPROVED UL LISTED FIRE RATED CELLULAR TRANSMITTER FOR FIRE ALARMS AND TROUBLES TO SEACOAST SECURITIES CENTRAL STATION. THIS TRANSMITTER WILL TAKE THE PLACE OF TWO(2) DEDICATED TELEPHONE LINES TYPICALLY REQUIRED FOR THIS APPLICATION. A SITE TEST FOR SIGNAL STRENGTH IS IMPERITIVE IN ORDER TO GUARANTEE SIGNAL TRANSMISSION TO SEACOAST SECURITY'S UL CENTRAL STATION IN THE EVENT OF ALARMS OR TROUBLES.
ADC-TG7FS	One - SOLE PATH CELLULAR ALARM COMMUNICATOR FOR COMMERCIAL FIRE ALARM SYSTEMS.
YA-NP712	One - 12V 7AH BATTERY BACKUP
	UL CENTRAL STATION MONITORING: INCLUDES A DAILY TEST SIGNAL TO OUR CENTRAL STATION - \$50.00 PER MONTH

I accept the terms and conditions of this quotation.

Signed: _____

Name: _____ Date: _____

Terms: 1 / 2 down 30 day on completion Major credit cards accepted.

This Is Schedule A

Please Note Large jobs will be Billed with Progress

Billing over \$10,000.00 One Year Warranty

NOTE: This Quote Is Confidential And May Not Be Shared In Anyway

Thank you for considering our company. If you decide not to buy from us, we would appreciate your feedback so that we can serve you better in the future!

Sub-Total	\$657.14
Labor	\$200.00
Tax	\$32.86
Total	\$890.00

In State Local Family Owned & Operated
U.L. Listed Seacoast Central Station,
IMSA Certified, NFPA Member,
First Alert & Honeywell Dealer,
Keyscan Enterprise Partner



TELGUARD

TG-7FS

CELLULAR ALARM COMMUNICATOR

COMMERCIAL FIRE

PRODUCT FEATURES

- ▶ Meets UL 864 requirements for sole, primary or backup path communications.
- ▶ Supports virtually all alarm formats for universal panel compatibility.
- ▶ Connects to your central station's PSTN or IP receivers.
- ▶ Minimizes false alarms by providing dual paths for self-tests.

The Telguard TG-7FS is the ideal cellular alarm communications solution for commercial fire systems. The TG-7FS transmits alarm signals from the fire panel over the digital cellular network to the designated monitoring station.

Compliant with the 2010 Edition of NFPA 72, the TG-7FS can serve as the sole communications path for the fire alarm system, replacing all of the landlines currently dedicated to the master control unit. On average, cellular monitoring costs the end user significantly less than a dedicated landline. For each landline replaced with a TG-7FS, the monthly communications bill decreases.

By being able to signal failures to the central station within five minutes of an outage, the TG-7FS can be installed as the sole path for commercial fire installations. For existing installations, all landlines can be swapped for a single TG-7FS because of the new five minute supervision mode.

The TG-7FS can also be installed as a backup path, and upgraded to sole path at a later date.



Telguard Online

Telguard makes adopting cellular easy with a secure Internet portal. The straightforward web interface allows security dealers and central stations to quickly and efficiently access Telguard based services 24/7. This advanced tool has multi-level user authorization and provides total account management of UL Listed Telguard cellular alarm communicators.

Telguard Cellular Service

Telguard Cellular Service provides nationwide digital cellular network coverage for all Telguard units. Telguard's Communication Center is UL listed and provides seamless connectivity between the alarm panel, the Telguard Family of products and the central station. Telguard Technical Support provides a single point of contact for both cellular service and Telguard product questions.

Advanced Reliability

- Multi-tower assessment informs the installer if the unit can see multiple cell towers for redundancy.
- Features SMS backup to reduce false alarms, providing self-tests using SMS if GPRS fails.
- Automatic self-tests with central station notification ensure the cellular system is operating.
- Available relay output for tripping the alarm control panel when a trouble condition occurs.



TELGUARD

TG-7FS

CELLULAR ALARM COMMUNICATOR

Power

- Transmit power: 1.0W-2.0W (maximum allowable).
- Power Consumption: 60mA (Standby) 250mA (Transmission).
- Transformer: 12VAC, 800mA UL listed plug-in.

Radio Transceiver

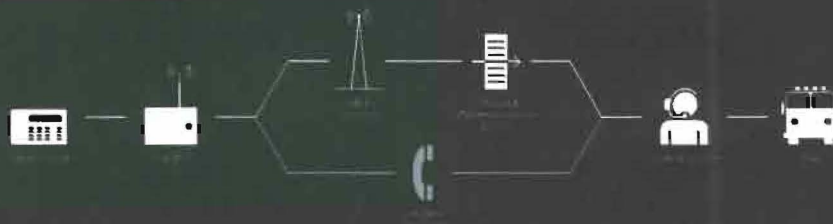
- Dual band cellular and PCS.
- GSM 850MHz: Class 4 (2 watts).
- GSM 1900MHz: Class 1 (1 watt).
- Antenna: 9" dipole with 2dBi gain, 12 ft. of cable and universal mounting bracket.
- FCC part 15, 22, 24 and 68 compliant.

Physical Details

- TG-7FS: 7.5" H x 11.5" W x 3.5" D
- Shipping Weight: 8lbs
- Operating Environment: 0°C to +50°C; up to 95% humidity (non-condensing).

Standard Features

- Full data reporting.
- Automatic self-test (5 min. & daily).
- Power supply with battery harness.
- Locking, red metal enclosure.
- Two programmable supervisory trip outputs.
- Alarm format support for SIA2, Contact ID, pulse (3x), 4x2), modem IIe, & IIIa2, DMP.
- Telephone line monitor built-in, with Standard Line Security.



Telguard technology allows full data reporting for unlimited point-to-point signal details and maximum transmitting power for superior in-building penetration.

Telguard products are easy to install, economical, and UL Listed.

Accessories

- ACD 12, ACD 35, ACD 50, ACD 100
12, 35, 50, 100 feet of low loss, high performance cable
- HGD-0: High gain directional antenna
- EXD-0: External antenna.

UL Listings

Commercial Fire
354 • Control units & accessories for fire alarm systems

Commercial Burglary
365 • Police Station connected burglar alarm units and systems
1610 • Central station burglar alarm units

Residential
985 • Household fire warning systems
1023 • Household burglar alarm systems





January 1, 2011

RE: TG-7FS Sole Path Cellular Alarm Communicator

To whom it may concern:

In November 2009, the National Fire Protection Association (NFPA) released the newest addition to the NFPA 72, National Fire Alarm and Signaling Code, 2010 Edition. This addition contained numerous code updates, but one in particular affected Telular's Telguard product line. The new code defined a set of general communication guidelines which, if adhered to, would allow new communications technologies to act as the sole path for fire control panel communications. Cellular, or GSM, was one such technology.

As it relates to the general communications section, the new code outlines in its appendix the requirements products must meet to operate as a *sole path* (i.e., no redundant path) of communications. Essentially, two new requirements are introduced:

1. A failure in the communications path must be annunciated at the supervising station within five minutes of the failure, and
2. The battery backup must provide 24 hours of standby current plus five minutes of signaling current while operating at a five minute supervision interval.

In December 2010, Telular launched the TG-7FS Sole Path Cellular Alarm Communicator. Prior to its release, it was subjected to stringent tests by UL following the UL 864 Rev. 9 test suite. This revision was developed to test the newest NFPA 72 code and specifically verifies the aforementioned requirements.

Please refer to the attached documents for more details on the features of the TG-7FS, certification letters from testing authorities, and a reference guide to the NFPA code sections that allow the Telular Telguard TG-7FS to be a sole path for fire control panels.

Sincerely,

Shawn Welsh
Vice President
Telular Corporation

Telular Corporation

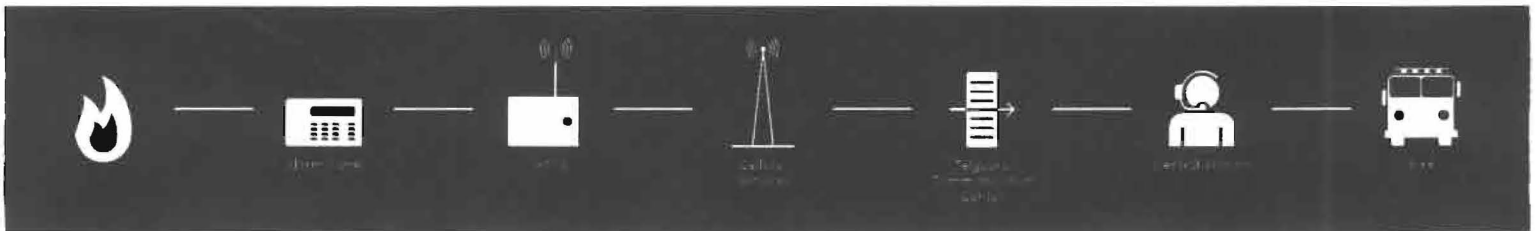
2727 Paces Ferry Road • Suite 1800 • Atlanta, GA 30339
MAIN: (678) 945-7770 • FAX: (678) 945-7758 • www.Telular.com

CELLULAR GUIDE TO THE NFPA 72 2010 EDITION

NFPA 72 2010 Edition contains language in key sections that allow cellular based products to be used as the *sole path* of communications for fire control panels. It specifically defined a section for *general communication methods*. The specific requirements for general communications are detailed in a table in the code's Annex.

UL 864 Rev. 9 has been written to specifically test products to the NFPA 72 2010 Edition code. The Telguard TG-7FS is UL 864 Rev. 9 listed and found fully compliant with NFPA standards.

TELGUARD TG-7FS NETWORK DIAGRAM



Code Section

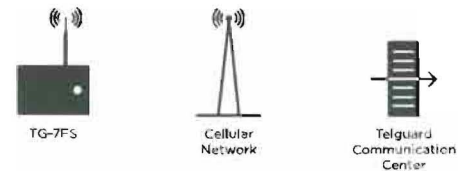
Section Summary

Telguard's Compliant Component

26.6.3

This section defines *general communication methods* that differ from DACT, Two-Way Radio and One-Way Private Radio.

Equipment that meets the performance requirements of this section are permitted as suitable communications methods.



26.6.1

This section covers all communications methods between the premises and the supervising station.

It directs the reader to the Annex A.26.6.1 which then further directs the reader to Table A.26.6.1

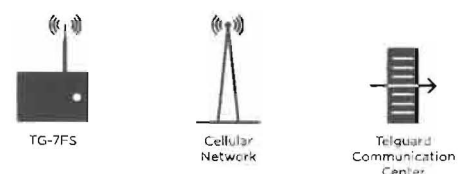
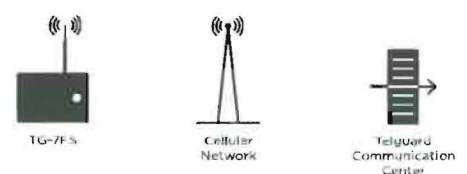


Table A.26.6.1

This table defines that annunciations on the degradation and restoral of a communications path must occur within five (5) minutes.

It also defines the fact that equipment conforming to 26.6.3 must only provide a redundant path if the communications failure cannot be annunciated within five (5) minutes.



Telguard
2727 Paces Ferry Rd, STE 1-800
Atlanta, GA 30339
800-229-232

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

11/11/2010

Telular Corp
Mr. RAJ KOSARAJU
Suite 4300
311 S Wacker Dr
Chicago Il 60606, Us

Our Reference: File **S5052, Vol. TO BE** **Project Number** 10CA43366
 DETERMINED

Your Reference: **RKOSARAJU 08232010**

Project Scope: **Models TG7GFS03 & TCM Evaluated to UL864, 9th Edition**

Dear Mr. RAJ KOSARAJU:

UL's **investigation of your product(s) has been completed** under the above Reference Number and the product was determined to comply with the applicable requirements.

This **letter temporarily supplements the UL Follow-Up Services Procedure** and serves as authorization to apply the UL Mark **only at authorized factories under UL's Follow-Up Service Program.**

To **provide the manufacturer with the intended authorization to use the UL Mark**, the addressee must send a copy of this notice to each manufacturing location currently authorized in File S5052, Vol. TO BE DETERMINED.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent in the near future. Until then, this letter authorizes application of the UL Mark for 90 days from the date of this letter.

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn. UL may elect to withdraw use of the UL Mark if the Applicant or Manufacturer fails to comply with UL's requirements including ongoing compliance of the product, under UL's Follow-Up Service.

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

The contents of this Letter are intended solely for the use of UL and the Applicant. The opinions and findings of UL represent its judgment given with due consideration to the necessary limitations of practical operation in accordance with UL's objectives and purposes. UL shall not otherwise be responsible for the use of or reliance upon the contents of this letter by anyone. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental, consequential or punitive damages, arising out of or in connection with the use or reliance upon the contents of this letter to anyone other than the Applicant as provided in the agreement between UL and Applicant. Any use or reference to UL's name or certification mark(s) by anyone other than the Applicant in accordance with the agreement is prohibited without the express written approval of UL.

Very truly yours,

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NBKE6C5-2272EA

**UOXX.S5052
Control Unit Accessories, System**[Page Bottom](#)**Control Unit Accessories, System**[See General Information for Control Unit Accessories, System](#)

TELULAR CORP
SUITE 4300
311 S WACKER DR
CHICAGO, IL 60606 USA

S5052

Control unit accessories: Digital alarm communicator cellular transmission devices, Model(s) TG7GFS03, TG8GA001(c)

Equipment, Control unit accessory, Model(s) Model TG7GFS03, digital alarm communicator cellular transmission devices for use with separately Listed control units with Integral or Listed remote DACT.

(c) - For use with separately Listed control units with Integral or Listed remote DACT.

[Last Updated](#) on 2010-12-10

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The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



LISTING SERVICE

Page 1 of 1

LISTING No. 7300-1402:0108

CATEGORY: 7300 -- FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

LISTEE: TELULAR CORP 2727 Paces Ferry Rd., Suite 1-800, Atlanta, GA 30339
Contact: Raj Kosaraju (678) 264-2012 Fax (678) 264-2062
Email: rkosaraju@telular.com

DESIGN: Models TG7G0002, TG7G0003, TG7GA002, TG7GA003, and TG7GFS03 digital cellular radio alarm transmission system for fire/burglar alarm system control units.

Models TG7G0002 and TG7G0003 consisting of subassembly models TGKIT001 and 77016100 standard enclosure. Models TG7GA002, TG7GA003, consisting of subassembly models TGKT001 and 77013500 attack resistant enclosure, communicator system.

Refer to listee's printed data sheet for additional detailed product description and operational considerations.

RATING: 120 VAC, 12 VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. The fire alarm control unit and units must be installed in the same room. For indoor use only.

MARKING: Listee's name, model number, and UL label.

APPROVAL: Listed as a digital cellular radio alarm transmission device to provide a primary transmission path (cellular) for connection to a listed compatible fire and burglar alarm control unit with integral digital alarm communicator transmitter (DACT). Models TG7G0002 and TG7G0003 are intended for residential application. Models TG7GA002, TG7GA003, and TG7GFS03 are intended for residential and commercial applications. Refer to listee's Installation Instruction Manual for details.

NOTE: Burglary and other non-fire functions were not examined.

02-09-11 bh



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO**, Program Coordinator
Fire Engineering Division

CITY OF PORTLAND, ME
INSPECTION DIVISION
309 CONGRESS ST
ROOM 315
PORTLAND, ME 04101
(207)874-8701

PORTLAND, MAINE

Department of Building Inspections

Merchant ID: 161000146545
Term ID: 001

Ref #: 002

Final Receipt

Phone Order

XXXXXXXXXXXX8385
MASTERCARD

Entry Method: Manual

8.23. 20 11

08/23/11

13:12:55

Inv #: 000002

Appr Code: 03808Z

Apprvd: Online

Batch#: 000371

V-Code: M

Dis Garza -

Oxford St

Total: \$ 30.00

Building Fee: _____

Site Fee: _____

Fee of Occupancy Fee: _____

Total: 30

Building (IL) _____ Plumbing (IS) _____ Electrical (I2) _____ Site Plan (U2) _____

Other FF

CBL: 33-D-20

Check #: CC

Total Collected \$ 30

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: S. J. D.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

8-19-2011

Received from _____

Location of Work _____

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 55

Building (IL) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other _____

CBL: 33-9-20

Check #: 1259

Total Collected \$ 55

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: [Signature]

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

2.23. 20 11

Received from

Lewis Zucca

Location of Work

255 Oxford St

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 30

Building (IL) _____ Plumbing (IS) _____ Electrical (I2) _____ Site Plan (U2) _____

Other FF _____

CBL: 33-D-20

Check #: CL _____

Total Collected \$ 30

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: S. J. W.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy