



COMMUNICATIONS GUIDELINE NUMBER 15-01

**New York State Interoperability Channel Naming:  
45.88 MHz**

**Effective:** Immediately  
**Date issued:** Aug. 26, 2015

**Valid:** Until revoked or superseded  
**Revision:** 0 (Aug. 26, 2015)

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**SUMMARY:**

This document establishes a standard channel name and use for the frequency 45.88 MHz. in New York State. This frequency will be known as **LFIRE4D**, and is designated in the National Interoperability Field Operations Guide (NIFOG v1.5) as a Low-Band Interoperability channel for use by the Fire Service. This guideline is consistent with the technical parameters contained in the NIFOG and establishes the use of Continuous Tone-Coded Squelch System (CTCSS) for use in New York State.

**DESCRIPTION:**

The frequency **45.88 MHz** shall be named "**LFIRE4D**" (Pronounced "L-Fire-Four-Dee"). It is understood that the transition of new channel naming will take time. To facilitate this change all users should begin utilizing the **LFIRE4D** name and program visual displays in radio equipment with the name when possible. Agencies should notify their users of this channel name update so they become familiar with the new name and how it relates to the current appearance in their radios.

Consistent with existing practice, use of this frequency **is for use by the Fire Service (Federal, State, Local and Tribal) for fire service related interagency communications.**

A Federal Communications Commission (FCC) license or appropriate authorization from a licensee is required for mobile and/or portable radio use. An FCC license is required for all base station use.

**PERMITTED USES:**

- Fire Service, Inter-county coordination and Inter-agency communications.

**PROHIBITED USES:**

- Dispatching a single agency;
- Substitution for an internal agency operational channel;
- Single agency tactical communications;
- Non-Fire Service communications

**TECHNICAL PARAMETERS:**

- **ALL RADIOS OPERATING ON THIS FREQUENCY SHALL TRANSMIT the Continuous Tone-Coded Squelch System (CTCSS) tone of 156.7 Hz.** Use of tone in the receiver is NOT required. In an effort to mask interference, users MAY choose to implement the CTCSS of 156.7 Hz. in a receiver, if affected by out-of-state users or other interference.
- Only analog transmissions are permitted.
- The use of a radio programed “time out timer” is mandatory, with transmissions not permitted to exceed 120 seconds (2 minutes) each.

**UNIT IDENTIFICATION:**

- Users shall identify their agency and unit number when initiating transmissions. (e.g. “Smith Fire- Engine-1 to Empire County Fire Control”)
- Users shall utilize plain language when operating on LFIRE4D.

**MISUSE OF CHANNEL:**

Concerns regarding misuse of **45.88 MHz** should be reported to the New York State Division of Homeland Security, Office of Interoperable and Emergency Communications for review.  
(Email: [DHSES.OIEC@dhSES.ny.gov](mailto:DHSES.OIEC@dhSES.ny.gov) or phone: 518-322-4911)