

AMENDMENT

**OFFERED BY MR. CONNOLLY OF VIRGINIA TO THE
AMENDMENT OFFERED BY MR. FRELING-
HUYSEN OF NEW JERSEY**

Page 49, after line 9, insert the following:

1 TITLE __

2 ENHANCING 9-1-1 SERVICE RESILIENCY AND
3 RELIABILITY ACT OF 2013

4 SEC. _____. This title may be cited as the “Enhancing
5 9-1-1 Service Resiliency and Reliability Act of 2013”.

6 SEC. _____. The purpose of this title is to ensure that
7 the Commission successfully fulfills its statutory obligation
8 under section 1 of the Communications Act of 1934 to
9 promote the “safety of life and property through the use
10 of wire and radio communication” by implementing the
11 recommendations contained in the Commission’s January
12 2013 Report of the Public Safety and Homeland Security
13 Bureau entitled “Impact of the June 2012 Derecho on
14 Communications Networks and Services.”

15 SEC. _____. Not later than 90 days after the date of
16 the enactment of this Act, the Commission shall issue reg-
17 ulations that—

1 (1) require providers to regularly audit the
2 physical routes of 9-1-1 circuits and ALI links to—

3 (A) verify diversity; and

4 (B) understand, avoid, or address in-
5 stances where a single failure causes loss of all
6 E9-1-1 circuits or all ALI links for a public
7 safety answering point; and

8 (2) establish that the audit requirement under
9 paragraph (1) shall apply only to high-priority cir-
10 cuits, rather than to the entire commercial wireline
11 network.

12 SEC. _____. Not later than 90 days after the date of
13 the enactment of this Act, the Commission shall issue reg-
14 ulations that ensure that providers of emergency service
15 and reliable and resilient communications maintain ro-
16 bust, resilient backup power in central offices, supported
17 by appropriate testing, maintenance, and records reten-
18 tion.

19 SEC. _____. Not later than 90 days after the date of
20 the enactment of this Act, the Commission shall issue reg-
21 ulations that require that each provider's network oper-
22 ations center has—

23 (1) diverse monitor and control links; and

1 (2) capabilities throughout the network to en-
2 sure network reliability, resiliency, and rapid recov-
3 ery.

4 SEC. _____. Not later than 90 days after the date of
5 the enactment of this Act, to enhance compliance and re-
6 sult in greater situational awareness for public safety an-
7 swering points, the Commission shall issue regulations
8 that clarify how providers shall comply with section 4.9
9 of the Commission's rules, including details addressing—

10 (1) methods of notification; and

11 (2) minimum levels of detail in the information
12 provided to public safety answering points.

13 SEC. _____. Not later than 90 days after the date of
14 the enactment of this Act, the Commission shall issue reg-
15 ulations that require providers to review and implement
16 CSRIC recommendations and other best practices that the
17 Commission deems most vital, including the following:

18 (1) Network operators, service providers, and
19 property managers with buildings serviced by more
20 than one emergency generator should design, install,
21 and maintain each generator as a standalone unit
22 that is not dependent on the operation of another
23 generator for proper functioning, including the fuel
24 supply path.

1 (2) Network operators, service providers, and
2 property managers should exercise power generators
3 on a routine schedule in accordance with manufac-
4 turer's specifications.

5 (3) Network operators, service providers, and
6 property managers should design standby generator
7 systems for fully automatic operation and for ease of
8 manual operation, when required.

9 (4) Network operators, service providers, equip-
10 ment suppliers, and property managers should en-
11 sure that all critical infrastructure facilities, includ-
12 ing the security equipment, devices, and appliances
13 protecting it, are supported by backup power sys-
14 tems such as batteries, generators, or fuel cells.

15 (5) Network operators should periodically audit
16 the physical and logical diversity called for by net-
17 work design and take appropriate measures.

18 SEC. _____. Not later than 90 days after the date of
19 the enactment of this Act, the Commission shall—

20 (1) issue regulations that require CSRIC to de-
21 velop solutions with respect to certain issues identi-
22 fied by the Commission; and

23 (2) consider adopting additional best practices
24 consistent with sound engineering practices identi-
25 fied by the Commission.

1 SEC. _____. Not later than 90 days after the date of
2 the enactment of this Act, the Commission shall issue reg-
3 ulations that require that public safety answering points—

4 (1) have several different means of communica-
5 tion available, such as mobile phones from different
6 providers, to provide as many alternate means as
7 possible of communicating during an emergency;

8 (2) have multiple means of backup power, such
9 as multiple generators;

10 (3) run periodic tests under actual load;

11 (4) install a simple disconnect switch to permit
12 taking out one generator and installing another; and

13 (5) prevent leaving reroutes in place longer
14 than necessary by beginning after a few hours, even
15 if not notified by the provider, to deactivate the re-
16 route, then reactivate it a few hours later, and re-
17 peating until service is restored or until the public
18 safety answering point is notified about a working
19 route by the provider.

20 SEC. _____. Not later than 90 days after the date of
21 the enactment of this Act, the Commission shall consult
22 with public safety organizations and work with public safe-
23 ty answering points to establish a standardized format and
24 channel that can be used to report network concerns di-
25 rectly to the Commission.

1 SEC. _____. In this title, the following definitions shall
2 apply:

3 (1) ALI.—The term “ALI” means automatic
4 location information.

5 (2) COMMISSION.—The term “Commission”
6 means the Federal Communications Commission.

7 (3) CSRIC.—The term “CSRIC” means the
8 Communications Security, Reliability, and Interoper-
9 ability Council.

10 (4) PUBLIC SAFETY ANSWERING POINT.—The
11 term “public safety answering point” has the mean-
12 ing given such term in section 222 of the Commu-
13 nications Act of 1934 (47 U.S.C. 222).

