

110TH CONGRESS
2D SESSION

S. _____

To promote the accurate transmission of network traffic identification information.

IN THE SENATE OF THE UNITED STATES

APRIL —, 2008

Mr. STEVENS (for himself, Mr. INOUE, Mr. SMITH, Mr. DORGAN, Mr. THUNE, Mr. PRYOR, and Ms. SNOWE) introduced the following bill; which was read twice and referred to the Committee on

A BILL

To promote the accurate transmission of network traffic identification information.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Signaling Moderniza-
5 tion Act of 2008”.

6 **SEC. 2. PHANTOM TRAFFIC.**

7 Title VII of the Communications Act of 1934 (47
8 U.S.C. 601 et seq.) is amended by adding at the end the
9 following:

1 **“SEC. 715. NETWORK TRAFFIC IDENTIFICATION AC-**
2 **COUNTABILITY STANDARDS.**

3 “(a) DUTIES OF VOICE COMMUNICATIONS
4 SERVICE PROVIDERS.—A provider of voice commu-
5 nications service shall ensure that all voice commu-
6 nications service traffic that originates on its net-
7 work contains the signaling information reasonably
8 needed to facilitate intercarrier billing in accordance
9 with industry standards, as determined by the Com-
10 mission. Except as otherwise permitted by the Com-
11 mission, a provider that transports or transits traffic
12 between voice communications service providers shall
13 forward without altering the signaling information it
14 receives from another provider that is reasonably
15 needed to facilitate intercarrier billing in accordance
16 with industry standards.

17 “(b) DEFINITIONS.—In this section:

18 “(1) VOICE COMMUNICATIONS SERVICE.—
19 The term ‘voice communications service’ means
20 telecommunications service or IP-enabled voice
21 service.

22 “(2) IP-ENABLED VOICE SERVICE.—The
23 term ‘IP-enabled voice service’ means the provi-
24 sion of real-time two-way voice communications
25 offered to the public, or such classes of users as
26 to be effectively available to the public, trans-

1 mitted through customer premises equipment
2 using Internet protocol, or a successor protocol,
3 with two-way transmission capability such that
4 the service can originate traffic to, and termi-
5 nate traffic from, the public switched telephone
6 network.”.

7 **SEC. 3. RULEMAKING.**

8 Within 12 months after the date of enactment of this
9 Act, the Federal Communications Commission shall com-
10 plete all actions necessary to establish rules and enforce-
11 ment provisions to implement the requirements of section
12 715 of the Communications Act of 1934. In determining
13 the signaling information that is reasonably needed to fa-
14 cilitate intercarrier billing, the Commission shall consider,
15 at a minimum—

16 (1) industry standards regarding the transmission of
17 call detail information;

18 (2) the technical limitations of signaling equipment
19 used in the industry; and

20 (3) the costs and resources required to modify equip-
21 ment or procedures to accommodate any changes from in-
22 dustry standards.

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