

115TH CONGRESS
1ST SESSION

S. 2083

To enhance cybersecurity information sharing and coordination at ports in the United States, and for other purposes.

IN THE SENATE OF THE UNITED STATES

NOVEMBER 7, 2017

Ms. HARRIS (for herself and Mr. SULLIVAN) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

A BILL

To enhance cybersecurity information sharing and coordination at ports in the United States, and for other purposes.

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 “Strengthening Cyber-
5 security Information Sharing and Coordination in Our
6 Ports Act of 2017”.

1 **SEC. 2. IMPROVING CYBERSECURITY RISK ASSESSMENTS,**
2 **INFORMATION SHARING, AND COORDINA-**
3 **TION.**

4 The Secretary of Homeland Security shall—

5 (1) develop and implement a maritime cyberse-
6 curity risk assessment model within 120 days after
7 the date of the enactment of this Act, consistent
8 with the National Institute of Standards and Tech-
9 nology Framework for Improving Critical Infrastruc-
10 ture Cybersecurity and any update to that document
11 pursuant to Public Law 113–274, to evaluate cur-
12 rent and future cybersecurity risks (as such term is
13 defined in section 227 of the Homeland Security Act
14 of 2002 (6 U.S.C. 148));

15 (2) evaluate, on a periodic basis but not less
16 often than once every 2 years, the effectiveness of
17 the maritime cybersecurity risk assessment model
18 under paragraph (1);

19 (3) seek to ensure participation of at least one
20 information sharing and analysis organization (as
21 such term is defined in section 212 of the Homeland
22 Security Act of 2002 (6 U.S.C. 131)) representing
23 the maritime community in the National Cybersecu-
24 rity and Communications Integration Center, pursu-
25 ant to subsection (d)(1)(B) of section 227 of such
26 Act;

1 (4) establish guidelines for voluntary reporting
2 of maritime-related cybersecurity risks and incidents
3 (as such terms are defined in section 227 of such
4 Act) to the Center (as such term is defined sub-
5 section (b) of such section 227), and other appro-
6 priate Federal agencies; and

7 (5) request the National Maritime Security Ad-
8 visory Committee established under section 70112 of
9 title 46, United States Code, to report and make
10 recommendations to the Secretary on enhancing the
11 sharing of information related to cybersecurity risks
12 and incidents, consistent with the responsibilities of
13 the Center, between relevant Federal agencies and—

14 (A) State, local, and tribal governments;

15 (B) relevant public safety and emergency
16 response agencies;

17 (C) relevant law enforcement and security
18 organizations;

19 (D) maritime industry;

20 (E) port owners and operators; and

21 (F) terminal owners and operators.

22 **SEC. 3. CYBERSECURITY ENHANCEMENTS TO MARITIME**
23 **SECURITY ACTIVITIES.**

24 The Secretary of Homeland Security, acting through
25 the Commandant of the Coast Guard, shall direct—

1 (1) each Area Maritime Security Advisory Com-
 2 mittee established under section 70112 of title 46,
 3 United States Code, to facilitate the sharing of cy-
 4 bersecurity risks and incidents to address port-spe-
 5 cific cybersecurity risks, which may include the es-
 6 tablishment of a working group of members of Area
 7 Maritime Security Advisory Committees to address
 8 port-specific cybersecurity vulnerabilities; and

9 (2) that any area maritime transportation secu-
 10 rity plan and any vessel or facility security plan re-
 11 quired under section 70103 of title 46, United
 12 States Code, approved after the development of the
 13 cybersecurity risk assessment model required by
 14 paragraph (1) of section 2 include a mitigation plan
 15 to prevent, manage, and respond to cybersecurity
 16 risks (as such term is defined in section 227 of the
 17 Homeland Security Act of 2002 (6 U.S.C. 148)).

18 **SEC. 4. VULNERABILITY ASSESSMENTS AND SECURITY**
 19 **PLANS.**

20 Title 46, United States Code, is amended—

21 (1) in section 70102(b)(1)(C), by inserting “cy-
 22 bersecurity,” after “physical security,”; and

23 (2) in section 70103(c)(3)(C), by striking
 24 “and” after the semicolon at the end of clause (iv),

1 by redesignating clause (v) as clause (vi), and by in-
2 sserting after clause (iv) the following:

3 “(v) prevention, management, and re-
4 sponse to cybersecurity risks; and”.

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