

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: In the nature of a substitute.

**IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.**

**S. 2058**

To require the Secretary of Commerce to maintain and operate at least one Doppler weather radar site within 55 miles of each city in the United States that has a population of more than 700,000 individuals, and for other purposes.

Referred to the Committee on \_\_\_\_\_ and  
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended  
to be proposed by Ms. Cantwell

Viz:

1 Strike all after the enacting clause and insert the fol-  
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Metropolitan Weather  
5 Hazards Protection Act of 2015”.

6 **SEC. 2. STUDY ON GAPS IN NEXRAD COVERAGE AND RE-**  
7 **QUIREMENT FOR PLAN TO ADDRESS SUCH**  
8 **GAPS.**

9 (a) **STUDY ON GAPS IN NEXRAD COVERAGE.—**



1 Doppler Weather Radar (known as  
2 “TDWR”), air surveillance radars of the  
3 Federal Aviation Administration, and coop-  
4 erative network observers; and

5 (iii) assess the feasibility and advis-  
6 ability of efforts to integrate and upgrade  
7 Federal radar capabilities in such areas  
8 that are not owned or controlled by of the  
9 National Oceanic and Atmospheric Admin-  
10 istration, including radar capabilities of the  
11 Federal Aviation Administration and the  
12 Department of Defense;

13 (C) assess the feasibility and advisability of  
14 incorporating State-operated and other non-  
15 Federal radars into the operations of the Na-  
16 tional Weather Service;

17 (D) identify options to improve radar cov-  
18 erage in the areas identified under subpara-  
19 graph (A); and

20 (E) estimate the cost of, and develop a  
21 timeline for, carrying out each of the options  
22 identified under subparagraph (D).

23 (3) REPORT.—Upon the completion of the  
24 study required by paragraph (1), the Secretary shall  
25 submit to the Committee on Commerce, Science, and

1       Transportation of the Senate and the Committee on  
2       Science, Space, and Technology of the House of  
3       Representatives a report on the findings of the Sec-  
4       retary with respect to the study.

5       (b) PLAN TO IMPROVE RADAR COVERAGE.—Not  
6 later than 30 days after the completion of the study re-  
7 quired by subsection (a)(1), the Secretary shall develop  
8 and submit to the Committee on Commerce, Science, and  
9 Transportation of the Senate and the Committee on  
10 Science, Space, and Technology of the House of Rep-  
11 resentatives a plan to improve radar coverage in the areas  
12 identified under subsection (a)(2)(A) by integrating, and  
13 upgrading where practicable, additional observation solu-  
14 tions to improve hazardous weather detection and fore-  
15 casting.

16       (c) REQUIREMENT FOR THIRD-PARTY REVIEWS RE-  
17 GARDING PLAN TO IMPROVE RADAR COVERAGE.—The  
18 Secretary shall seek third-party reviews on scientific meth-  
19 odology relating to, and the feasibility and advisability of,  
20 implementing the plan developed and submitted under  
21 subsection (b), including the extent to which warning and  
22 forecast services of the National Weather Service would  
23 be improved by additional Next Generation Weather  
24 Radar coverage.