

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

Purpose: To modify the requirements for the National Oceanic and Atmospheric Administration ocean and atmospheric science education programs.

**IN THE SENATE OF THE UNITED STATES—114th Cong., 2d Sess.**

**S. 3084**

To invest in innovation through research and development, and to improve the competitiveness of the United States.

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

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. BOOKER

Viz:

1 At the appropriate place, insert the following:

2 **SEC. \_\_\_\_ . NOAA OCEAN AND ATMOSPHERIC SCIENCE**  
3 **EDUCATION PROGRAMS.**

4 (a) **IN GENERAL.**—Subsection (a) of section 4002 of  
5 the America COMPETES Act (33 U.S.C. 893a) is amend-  
6 ed by inserting after “from underrepresented groups” the  
7 following: “, including ethnic, racial, and economic minor-  
8 ity groups,”.

9 (b) **EDUCATIONAL PROGRAM GOALS.**—Paragraph (4)  
10 of section 4002(b) of the America COMPETES Act (33  
11 U.S.C. 893a(b)) is amended—

1           (1) in subparagraph (B), by striking “and” at  
2 the end;

3           (2) by redesignating subparagraph (C) and sub-  
4 paragraph (D);

5           (3) by inserting after subparagraph (B) the fol-  
6 lowing:

7                   “(C) are designed considering the unique  
8 needs of underrepresented racial and ethnic  
9 groups, translating such materials and other re-  
10 sources into appropriate multi-lingual cur-  
11 ricula;”; and

12           (4) by adding at the end the following:

13                   “(E) are promoted widely, especially  
14 among underrepresented groups (including  
15 among racial and ethnic minority communities);  
16 and”.

17           (e) METRICS.—Section 4002 of the America COM-  
18 PETES Act (33 U.S.C. 893a) is amended—

19           (1) by redesignating subsections (d) and (e) as  
20 subsections (e) and (f), respectively; and

21           (2) by adding after section (c) the following:

22                   “(d) METRICS.—In executing the National Oceanic  
23 and Atmospheric Administration science education plan  
24 under subsection (c), the Administrator shall maintain a  
25 comprehensive system for evaluating the Administration’s

1 educational programs and activities. In so doing, the Ad-  
2 ministrator shall ensure that such education programs  
3 have measurable objectives and milestones as well as clear,  
4 documented metrics for evaluating programs. For each  
5 such education program or portfolio of similar programs,  
6 the Administrator shall—

7           “(1) encourage the collection of evidence as rel-  
8           evant to the measurable objectives and milestones;  
9           and

10           “(2) ensure that program or portfolio evalua-  
11           tions focus on educational outcomes and not just in-  
12           puts, activities completed, or the number of partici-  
13           pants.”.