

AMENDMENT TO RULES COMMITTEE PRINT 116-

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OFFERED BY MS. BONAMICI OF OREGON

At the end of title III, insert the following:

1 **SEC. 307. ACCELERATING INNOVATION AT COOPERATIVE**
2 **INSTITUTES.**

3 (a) **FOCUS ON EMERGING TECHNOLOGIES.**—The Ad-
4 ministrator shall ensure that the goals of the Cooperative
5 Institutes of the National Oceanic and Atmospheric Ad-
6 ministration include focusing on advancing or applying
7 emerging technologies, which may include—

8 (1) applied uses and development of real-time
9 and other advanced genetic technologies and applica-
10 tions, including such technologies and applications
11 that derive genetic material directly from environ-
12 mental samples without any obvious signs of biologi-
13 cal source material;

14 (2) deployment of, and improvements to, the
15 durability, maintenance, and other lifecycle concerns
16 of advanced unmanned vehicles, regional small re-
17 search vessels, and other research vessels that sup-
18 port and launch unmanned vehicles and sensors; and

1 (3) supercomputing and big data management,
2 including data collected through electronic moni-
3 toring and remote sensing.

4 (b) DESIGNATION OF NEW INSTITUTES.—The Ad-
5 ministrators may carry out subsection (a) by—

6 (1) incorporating the goals described in that
7 subsection into one or more Cooperative Institutes in
8 existence on the date of the enactment of this sec-
9 tion; or

10 (2) designating through a competitive selection
11 process the development of not more than 2 new Co-
12 operative Institutes to carry out those goals.

13 (c) DATA SHARING.—Each Cooperative Institute
14 shall ensure that data collected from the work of the insti-
15 tute, other than classified, confidential, or proprietary
16 data, are archived and made publicly accessible.

17 (d) COORDINATION WITH OTHER PROGRAMS.—The
18 Cooperative Institutes shall work with the Interagency
19 Ocean Observation Committee, the regional associations
20 of the Integrated Ocean Observing System, and other
21 ocean observing programs to coordinate technology needs
22 and the transition of new technologies from research to
23 operations.

24 (e) DEFINITION.—In this section, the term “Admin-
25 istrator” means the Under Secretary of Commerce for

1 Oceans and Atmosphere in the Under Secretary's capacity
2 as Administrator of the National Oceanic and Atmos-
3 pheric Administration.

