

**AMENDMENT TO H.R. 6093**

**OFFERED BY MR. LUCAS OF OKLAHOMA**

Page 11, line 24, strike “rapid intensification” and insert “rapid intensity change”.

Page 18, strike lines 12 through 16 and insert the following:

1                   “(A) conduct research to compare National  
2                   Weather Service forecast and model outputs to  
3                   predictions and model outputs developed  
4                   through such initiative;”.

Page 18, line 21, after insert “, in accordance with section 10601 of the James M. Inhofe National Defense Authorization Act for Fiscal Year 2023 (15 U.S.C. 8512a)” before the semicolon.

Page 20, line 6, strike “establish” and insert “expand, and where applicable establish,”.

Page 21, line 7, strike “operational research” and insert “operations, research,”.

Page 21, line 9, insert “with an unfunded contingent liability in the event of cancellation” before the period.

Page 32, beginning line 13, strike “establish a pilot program” and insert “maintain pilot programs or projects”.

Page 32, line 22, insert “, Great Lakes,” after “coastal”.

Page 34, beginning line 6, insert the following:

1 (A) in section 102 (15 U.S.C. 8512), by  
2 striking subsection (d);

3 (B) by amending section 105 (15 U.S.C.  
4 8515) to read as follows:

5 **“SEC. 105. WEATHER RESEARCH AND DEVELOPMENT PLAN-**  
6 **NING.**

7 “Not later than two years after the date of the enact-  
8 ment of this section and not less frequently than semi-  
9 annually thereafter, the Under Secretary, acting through  
10 the Assistant Administrator for Oceanic and Atmospheric  
11 Research, and in coordination with the Director of the Na-  
12 tional Weather Service and the Assistant Administrator  
13 for Satellite and Information Services, shall issue a re-  
14 search and development and research to operations plan  
15 to maintain United States leadership in numerical weather  
16 prediction and forecasting that—

17 “(1) describes the forecasting skill and tech-  
18 nology goals, objectives, expected budget, and

1 progress of the National Oceanic and Atmospheric  
2 Administration in carrying out the program con-  
3 ducted under section 102;

4 “(2) identifies and prioritizes specific research  
5 and development activities, data collection and anal-  
6 ysis, predictive modeling, demonstration of potential  
7 operational forecast application, education, training,  
8 and performance metrics, weighted to meet the oper-  
9 ational weather and flood-event mission of the Na-  
10 tional Weather Service to achieve a weather-ready  
11 Nation;

12 “(3) describes how the program conducted  
13 under section 102 will collaborate with Federal  
14 agencies and departments, international partners,  
15 and stakeholders, including the United States weath-  
16 er industry and academic partners, and the role of  
17 each in advancing weather forecasting and commu-  
18 nication;

19 “(4) identifies, through consultation with the  
20 National Science Foundation, the United States  
21 weather industry, and academic partners, research  
22 necessary to advance the scientific understanding of  
23 weather processes and provide information to im-  
24 prove weather warning and forecast systems in the  
25 United States most effectively; and

1           “(5) describes how the National Oceanic and  
2           Atmospheric Administration is advancing community  
3           weather modeling.”;

Page 34, strike line 9 and insert the following:

4                           (ii) by amending subsection (d) to  
5                           read as follows:

6           “(d) ANNUAL BRIEFING.—Not less frequently than  
7           once each year, the Under Secretary shall brief the Com-  
8           mittee on Commerce, Science, and Transportation of the  
9           Senate and the Committee on Science, Space, and Tech-  
10          nology of the House of Representatives on participation  
11          in the program under subsection (a) and shall highlight  
12          any innovations that come from the interaction described  
13          in subsection (b).”; and

Page 34, strike lines 18 through 23 and insert the  
following:

14          (b) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN-  
15          ISTRATION AUTHORIZATION ACT OF 1992.—The National  
16          Oceanic and Atmospheric Administration Authorization  
17          Act of 1992 (Public Law 102–567) is amended—

18                       (1) in section 106, by striking subsection (c)  
19                       (15 U.S.C. 1537); and

20                       (2) in section 108 (15 U.S.C. 8520)—

21                       (A) by striking subsection (b); and

1 (B) by redesignating subsection (c) as sub-  
2 section (b).

Page 35, line 12, strike “obstructions” and insert  
“interferences”.

Page 35, line 23, strike “obstructions” and insert  
“interferences”.

Page 36, line 3, strike “obstructions” and insert  
“interferences”.

Page 36, line 15, strike “obstructions” and insert  
“interferences”.

Page 37, line 11, strike “obstructions” and insert  
“interferences”.

Page 38, line 20, strike “obstruction” and insert  
“interference”.

Page 38, beginning line 23, strike “obstruction” and  
insert “interference”.

Page 39, strike lines 1 through 2 and insert the fol-  
lowing:

3 (3) INTERFERENCE.—The term “interference”  
4 includes the following:

Page 41, line 11, insert “, the National Mesonet Program, or Cooperative Research and Development Agreements” before the semicolon.

Page 43, line 2, insert “or supplemental” after “generational”.

Page 58, beginning line 17, strike “obtain” and insert “coordinate and execute acquisition of”.

Page 59, line 1, strike “shares data purchases and data needs” and insert “ensures access to data”.

Page 60, line 3, strike “The” and insert “In acquiring commercial data and services, the”.

Page 60, beginning line 7, strike “of the National Oceanic and Atmospheric Administration” and insert “or other programs of the National Oceanic and Atmospheric Administration that acquire commercial data or observations”.

Page 60, strike line 9 through page 61, line 11, and insert the following:

1       “(e) NOAA OBSERVING SYSTEMS AND FLEET COUN-  
2   CILS.—

3               “(1) IN GENERAL.—The Under Secretary shall  
4       maintain the National Oceanic and Atmospheric Ad-  
5       ministration Observing Systems Council and the

1 NOAA Fleet Council (in this subsection referred to  
2 as the ‘Councils’) to provide strategic recommenda-  
3 tions and guidance regarding the prioritization, de-  
4 sign, development, acquisition, upgrading, lifecycle,  
5 performance monitoring, and retiring of major ob-  
6 serving systems portfolio components, including re-  
7 lated to the acquisition of commercial weather and  
8 environmental data and services.

9 “(2) LINE OFFICE COORDINATION.—The Coun-  
10 cils shall ensure coordination and adherence to uni-  
11 form policies by providing guidance to all line offices  
12 of the National Oceanic and Atmospheric Adminis-  
13 tration engaged in observing systems portfolio de-  
14 sign, technology, development, execution, and oper-  
15 ation.

16 “(3) COMMITTEE.—The Under Secretary shall  
17 maintain a Committee within the Councils to develop  
18 and approve procedural directives, guides, or hand-  
19 books relevant to management of data and informa-  
20 tion, including commercial data, and coordinate data  
21 governance and management practices across the  
22 National Oceanic and Atmospheric Administration  
23 to promote consistent processes.”.

Page 62, line 9, strike “the Office of Research, Transition, and Applications” and insert “the Commercial Data Program”.

Page 99, line 3, insert “and State or regional hydrological monitoring projects” after “program”.

