

AMENDMENT TO H.R. 5260

OFFERED BY MR. LUCAS

Page 24, after line 8, insert the following:

1 **“SEC. 60607. PILOT PROGRAM FOR OBTAINING COMMER-**
2 **CIAL SECTOR SPACE WEATHER DATA.**

3 “(a) ESTABLISHMENT.—Not later than one year
4 after the date of enactment of this Act, the Administrator
5 of the National Oceanic and Atmospheric Administration
6 may establish a pilot program under which the Adminis-
7 trator will offer to enter into contracts with one or more
8 entities in the commercial space weather sector for the
9 provision to the Administrator of the National Oceanic
10 and Atmospheric Administration of space weather data
11 generated by such an entity that meets the standards and
12 specifications published under subsection (b).

13 “(b) DATA STANDARD AND SPECIFICATIONS.—Not
14 later than 18 months after the date of enactment of this
15 Act, the Administrator of the National Oceanic and At-
16 mospheric Administration, in consultation with the Sec-
17 retary of Defense, may publish standards and specifica-
18 tions for ground-based, ocean-based, air-based, and space-
19 based commercial space weather data and metadata.

20 “(c) CONTRACTS.—

1 “(1) IN GENERAL.—Within 12 months after the
2 date of transmission of the review of the integrated
3 strategy to Congress under 60602(c)(3) and taking
4 into account the results of the review, the Adminis-
5 trator of the National Oceanic and Atmospheric Ad-
6 ministration may offer to enter, through an open
7 competition, into at least one contract with one or
8 more commercial space weather sector entities capa-
9 ble of providing space weather data that—

10 “(A) meets the standards and specifica-
11 tions established for providing such data under
12 subsection (b); and

13 “(B) is provided in a manner that allows
14 the Administrator of the National Oceanic and
15 Atmospheric Administration to calibrate and
16 evaluate the data for use in space weather re-
17 search and forecasting models of the National
18 Oceanic and Atmospheric Administration, the
19 Department of Defense, or both.

20 “(2) ASSESSMENT.—If one or more contract is
21 entered into under paragraph (1), not later than 4
22 years after the date of enactment of this Act, the
23 Administrator of the National Oceanic and Atmos-
24 pheric Administration shall assess, and submit to
25 the Committee on Science, Space, and Technology of

1 the House of Representatives and the Committee on
2 Commerce, Science, and Transportation of the Sen-
3 ate a report on, the extent to which data provided
4 under contracts described in such paragraph meet
5 the standards and specifications established under
6 subsection (b) and the extent to which the pilot pro-
7 gram has demonstrated—

8 “(A) the viability of assimilating the com-
9 mercially provided data into National Oceanic
10 and Atmospheric Administration space weather
11 research and forecasting models;

12 “(B) whether, and by how much, the data
13 so provided add value to space weather fore-
14 casts of the National Oceanic and Atmospheric
15 Administration and the Department of Defense;
16 and

17 “(C) the accuracy, quality, timeliness, va-
18 lidity, reliability, usability, information tech-
19 nology security, and cost-effectiveness of obtain-
20 ing commercial space weather data from com-
21 mercial sector providers.”.

Page 24, line 9, in the heading, strike “60607” and
insert “60608”.

Page 1, line 17, in the table of contents—

(1) in the item related to section 60607, strike “60607” and insert “60608”; and

(2) after the item related to section 60606, insert “60607. Pilot program for obtaining commercial sector space weather data.”.

