AMENDMENT TO H.R. 5260
OFFERED BY MR. LUCAS

Page 24, after line 8, insert the following:

“SEC. 60607. PILOT PROGRAM FOR OBTAINING COMMERCIAL SECTOR SPACE WEATHER DATA.

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

“(b) Data Standard and Specifications.—Not later than 18 months after the date of enactment of this Act, the Administrator of the National Oceanic and Atmospheric Administration, in consultation with the Secretary of Defense, may publish standards and specifications for ground-based, ocean-based, air-based, and space-based commercial space weather data and metadata.

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

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

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

“(2) ASSESSMENT.—If one or more contract is
entered into under paragraph (1), not later than 4
years after the date of enactment of this Act, the
Administrator of the National Oceanic and Atmos-
pheric Administration shall assess, and submit to
the Committee on Science, Space, and Technology of
the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report on, the extent to which data provided under contracts described in such paragraph meet the standards and specifications established under subsection (b) and the extent to which the pilot program has demonstrated—

“(A) the viability of assimilating the commercially provided data into National Oceanic and Atmospheric Administration space weather research and forecasting models;

“(B) whether, and by how much, the data so provided add value to space weather forecasts of the National Oceanic and Atmospheric Administration and the Department of Defense; and

“(C) the accuracy, quality, timeliness, validity, reliability, usability, information technology security, and cost-effectiveness of obtaining commercial space weather data from commercial 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.”.