

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. _____
OFFERED BY MS. LEE OF PENNSYLVANIA**

Add at the end of title III the following:

1 **SEC. 3 ____ . ORBITAL DEBRIS RESEARCH AND DEVELOP-**
2 **MENT.**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that NASA’s research and development activities re-
5 lated to understanding and mitigating the hazards posed
6 by orbital debris are critical to ensuring the continued safe
7 operation of NASA missions, including the safety of hu-
8 mans living and working in space, and such activities fur-
9 ther enable scientific and technological advances that can
10 be leveraged by the broader space operations community
11 to foster a sustainable space environment.

12 (b) RESEARCH AND DEVELOPMENT.—The Adminis-
13 trator shall, to the extent practicable, conduct research
14 and development to advance scientific understanding and
15 technological capabilities related to orbital debris charac-
16 terization and mitigation.

17 (c) CONSIDERATIONS.—In conducting the research
18 and development described in subsection (b), the Adminis-
19 trator may consider activities that—

1 (1) improve the characterization and modeling
2 of the space environment, including the characteriza-
3 tion and modeling of objects of both natural and an-
4 thropogenic origins that cannot be directly charac-
5 terized by ground-based measurements;

6 (2) leverage space weather research and devel-
7 opment elements within NASA's Heliophysics pro-
8 gram, to the extent appropriate and in accordance
9 with the priorities established in the most recent
10 solar and space physics decadal survey; and

11 (3) support the application of relevant research,
12 tools, and technologies to advance orbital debris
13 characterization and mitigation and the transfer of
14 such research, tools, and technologies to stake-
15 holders, as appropriate and practicable.

