

Amendment to H.R. 5666

Page 52, line 13, strike “STRATEGY AND PLAN” and insert “STRATEGIC PROGRAM”

Page 53, lines 4 and 5, strike "STRATEGY—The Administrator shall develop a strategy, including options," and insert “AUTHORIZATION.—The Administrator is authorized to implement a strategic program”

Page 53, line 7, insert “before 2030” after “laboratory study”

Page 53, line 7, strike “strategy” and insert “strategic program”

Page 53, line 7 & 8, strike “identify”, and insert “include”

Page 53, line 9, strike “technologies” and insert “technology development”

Page 53, lines 15, insert “missions with” before “opportunities for potential international partnership”

Page 53, lines 17 and 18, strike “a recommended mission option, and an estimated cost” and insert “a strategy to control costs and maintain a balanced program within the Planetary Science Division.”

Page 53, line 21, strike “strategy” and insert “strategic program”

Page 54, strike lines 1 through 3

Original Text from HR 5666

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13 SEC. 332. MARS SAMPLE RETURN STRATEGY AND PLAN.

14 (a) SENSE OF CONGRESS.—It is the sense of Cong-
15 ress that the 2011 National Academies decadal survey,
16 “Vision and Voyages for Planetary Science in the Decade
17 2013-2022” states that “The Mars community . . . was
18 emphatic in their view that a sample return mission is the
19 next step in Mars exploration. Mars science has reached
20 a level of sophistication such that fundamental advances
21 in addressing the important questions . . . will come only
22 from analysis of returned samples.”. It is the further sense
23 of Congress that the decadal survey recommended a Mars
24 sample return mission as the highest priority large mis-
25 sion, and that in addition to advancing high priority

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1 science, Mars samples returned to Earth would contribute
2 science and information that is valuable for planning a
3 human mission to Mars.

4 (b) STRATEGY.—The Administrator shall develop a
5 strategy, including options, for returning samples that are
6 planned to be cached by the Mars 2020 rover to Earth
7 for terrestrial laboratory study. The strategy shall iden-
8 tify—

9 (1) technologies required to carry out a sample
10 return mission, including requirements for sample
11 containment and handling in space and upon return
12 to Earth;

13 (2) research, technology, and developments
14 needed to effectively manage planetary protection;

15 (3) opportunities for potential international
16 partnership; and

17 (4) a recommended mission option, and an esti-
18 mated cost.

19 (b) IMPLEMENTATION PLAN.—Not later than 180
20 days after the date of enactment of this Act, the Adminis-
21 trator shall transmit a plan for implementing the strategy
22 in subsection (a), including a timeline and a list of key
23 milestones, to the Committee on Science, Space, and Tech-
24 nology of the House of Representatives and the Committee

25 on Commerce, Science, and Transportation of the Senate.

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1 (c) EARLY TECHNOLOGY DEVELOPMENT.—The Ad-
2 ministrator shall continue early technology development
3 work in preparation for a Mars sample return mission.