

Union Calendar No. 503

118TH CONGRESS
2^D SESSION

H. R. 4152

[Report No. 118-604]

To direct the Administrator of the National Aeronautics and Space Administration and Secretary of Commerce to submit to Congress a report on the merits of, and options for, establishing an institute relating to space resources, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JUNE 15, 2023

Ms. CARAVEO (for herself, Mr. LAMBORN, Ms. PETERSEN, and Mr. NEGUSE) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

JULY 23, 2024

Additional sponsor: Mr. MOLINARO

JULY 23, 2024

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in *italic*]

[For text of introduced bill, see copy of bill as introduced on June 15, 2023]

A BILL

To direct the Administrator of the National Aeronautics and Space Administration and Secretary of Commerce to submit to Congress a report on the merits of, and options for, establishing an institute relating to space resources, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 *This Act may be cited as the “Space Resources Insti-*
5 *tute Act”.*

6 **SEC. 2. REPORT ON MERITS AND OPTIONS FOR ESTAB-**
7 **LISHING AN INSTITUTE RELATING TO SPACE**
8 **RESOURCES.**

9 *(a) REPORT.—Not later than 180 days after the date*
10 *of the enactment of this Act, the Administrator and Sec-*
11 *retary shall jointly submit to the appropriate congressional*
12 *committees a report on the merits of, and options for, estab-*
13 *lishing an institute relating to space resources to advance*
14 *the objectives of NASA and the Department in maintaining*
15 *United States preeminence in space. Such objectives shall*
16 *include the following:*

17 *(1) Identifying, developing, and distributing*
18 *space resources, including by encouraging the develop-*
19 *ment of foundational science and technology.*

20 *(2) Reducing the technological risks associated*
21 *with identifying, developing, and distributing space*
22 *resources.*

23 *(3) Research to maximize the responsible use of*
24 *space resources.*

1 (4) *Developing options for using space resources*
2 *to—*

3 (A) *support current and future space archi-*
4 *tectures, programs, and missions; and*

5 (B) *enable such architectures, programs,*
6 *and missions that would not otherwise be pos-*
7 *sible.*

8 (b) *ADDITIONAL MATTERS.—The report required*
9 *under subsection (a) shall also include the following assess-*
10 *ments of the Administrator and the Secretary:*

11 (1) *Whether a virtual or physical institute relat-*
12 *ing to space resources is most cost effective and ap-*
13 *propriate.*

14 (2) *Whether partnering with institutions of high-*
15 *er education and the aerospace industry, and the ex-*
16 *tractive industry as appropriate, would be effective in*
17 *increasing information available to the institute with*
18 *respect to advancing the objectives described in sub-*
19 *section (a).*

20 (c) *DEFINITIONS.—In this section:*

21 (1) *ADMINISTRATOR.—The term “Adminis-*
22 *trator” means the Administrator of NASA.*

23 (2) *APPROPRIATE CONGRESSIONAL COMMIT-*
24 *TEES.—The term “appropriate congressional commit-*
25 *tees” means—*

1 (A) *the Committee on Science, Space, and*
2 *Technology of the House of Representatives; and*

3 (B) *the Committee on Commerce, Science,*
4 *and Transportation of the Senate.*

5 (3) *DEPARTMENT.—The term “Department”*
6 *means the Department of Commerce.*

7 (4) *EXTRACTIVE INDUSTRY.—The term “extrac-*
8 *tive industry” means companies and individuals in-*
9 *volved in the processes of extracting, including min-*
10 *ing, quarrying, drilling, and dredging, raw, natural*
11 *materials or energy sources.*

12 (5) *INSTITUTION OF HIGHER EDUCATION.—The*
13 *term “institution of higher education” has the mean-*
14 *ing given such term in section 101(a) of the Higher*
15 *Education Act of 1965 (20 U.S.C. 1001(a)).*

16 (6) *NASA.—The term “NASA” means the Na-*
17 *tional Aeronautics and Space Administration.*

18 (7) *SECRETARY.—The term “Secretary” means*
19 *the Secretary of Commerce.*

20 (8) *SPACE RESOURCE.—*

21 (A) *IN GENERAL.—The term “space re-*
22 *source” means an abiotic resource in situ in*
23 *outer space.*

1 (B) *INCLUSIONS.*—*The term “space re-*
2 *source” includes a raw, natural material or en-*
3 *ergy source.*

Union Calendar No. 503

118TH CONGRESS
2^D SESSION

H. R. 4152

[Report No. 118-604]

A BILL

To direct the Administrator of the National Aeronautics and Space Administration and Secretary of Commerce to submit to Congress a report on the merits of, and options for, establishing an institute relating to space resources, and for other purposes.

JULY 23, 2024

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed