AMENDMENT NO.

Calendar No.

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES-114th Cong., 1st Sess.

H.R.2262

To facilitate a pro-growth environment for the developing commercial space industry by encouraging private sector investment and creating more stable and predictable regulatory conditions, and for other purposes.

Referred to the Committee on ______ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended to be proposed by Mr. CRUZ (for himself, Mr. NELSON, Mr. RUBIO, Mr. PETERS, Mr. GARDNER, and Mrs. MUR-RAY)

Viz:

1 Strike all after the enacting clause and insert the fol-

2 lowing:

3 SECTION 1. SHORT TITLE; TABLE OF CONTENTS; REF-4 ERENCES.

- 5 (a) SHORT TITLE.—This Act may be cited as the
- 6 "U.S. Commercial Space Launch Competitiveness Act".
- 7 (b) TABLE OF CONTENTS.—The table of contents of

8 this Act is as follows:

Sec. 1. Short title; table of contents; references.

$\mathbf{2}$

TITLE I—SPURRING PRIVATE AEROSPACE COMPETITIVENESS AND ENTREPRENEURSHIP

- Sec. 101. Short title.
- Sec. 102. International launch competitiveness.
- Sec. 103. Indemnification for space flight participants.
- Sec. 104. Launch license flexibility.
- Sec. 105. Licensing report.
- Sec. 106. Federal jurisdiction.
- Sec. 107. Cross waivers.
- Sec. 108. Space authority.
- Sec. 109. Orbital traffic management.
- Sec. 110. Space surveillance and situational awareness data.
- Sec. 111. Consensus standards and extension of certain safety regulation requirements.
- Sec. 112. Government astronauts.
- Sec. 113. Streamline commercial space launch activities.
- Sec. 114. Operation and utilization of the ISS.
- Sec. 115. State commercial launch facilities.
- Sec. 116. Space support vehicles study.
- Sec. 117. Space launch system update.

TITLE II—COMMERCIAL REMOTE SENSING

- Sec. 201. Annual reports.
- Sec. 202. Statutory update report.

TITLE III—OFFICE OF SPACE COMMERCE

- Sec. 301. Renaming of office of space commercialization.
- Sec. 302. Functions of the office of space commerce.

TITLE IV—SPACE RESOURCE EXPLORATION AND UTILIZATION

- Sec. 401. Short title.Sec. 402. Title 51 amendment.Sec. 403. Disclaimer of extraterritorial sovereignty.
- 1 (c) REFERENCES TO TITLE 51, UNITED STATES 2 CODE.—Except as otherwise expressly provided, wherever 3 in this Act an amendment or repeal is expressed in terms 4 of an amendment to, or repeal of, a section or other provi-5 sion, the reference shall be considered to be made to a 6 section or other provision of title 51, United States Code.

TITLE I—SPURRING PRIVATE AEROSPACE COMPETITIVE NESS AND ENTREPRENEUR SHIP

5 SEC. 101. SHORT TITLE.

6 This title may be cited as the "Spurring Private
7 Aerospace Competitiveness and Entrepreneurship Act of
8 2015" or "SPACE Act of 2015".

9 SEC. 102. INTERNATIONAL LAUNCH COMPETITIVENESS.

(a) SENSE OF CONGRESS.—It is the sense of Congress that it is in the public interest to update the methodology used to calculate the maximum probable loss from
claims under section 50914 of title 51, United States
Code, with a validated risk profile approach in order to
consistently compute valid and reasonable maximum probable loss values.

17 (b) IMPLEMENTATION.—Not later than 180 days
18 after the date of enactment of this Act, the Secretary of
19 Transportation, in consultation with the commercial space
20 sector and insurance providers, shall—

(1) evaluate the methodology used to calculate
the maximum probable loss from claims under section 50914 of title 51, United States Code, and, if
necessary, develop a plan to update that methodology;

(2) in evaluating or developing a plan under
 paragraph (1)—
 (A) ensure that the Federal Government is

and

8 (B) consider the impact of the cost to both
9 the industry and the Government of imple10 menting an updated methodology; and

(3) submit the evaluation, and any plan, to the
Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science,
Space, and Technology of the House of Representatives.

16 (c) INDEPENDENT ASSESSMENT.—Not later than 17 270 days after the date the evaluation is submitted under 18 subsection (b)(3), the Comptroller General shall submit to 19 the Committee on Commerce, Science, and Transportation 20 of the Senate and the Committee on Science, Space, and 21 Technology of the House of Representatives an assess-22 ment of—

(1) the analysis and conclusions provided by the
Secretary of Transportation in the evaluation, and
any plan, under subsection (b);

(2) the implementation schedule proposed by
the Secretary in the plan described in paragraph (1);
(3) the suitability of the plan described in para-
graph (1) for implementation; and
(4) any further actions needed to implement the
plan described in paragraph (1) or otherwise accom-
plish the purpose of this section.
(d) LAUNCH LIABILITY EXTENSION.—Section
50915(f) is amended by striking "December 31, 2016"
and inserting "September 30, 2023".
SEC. 103. INDEMNIFICATION FOR SPACE FLIGHT PARTICI-
PANTS.
PANTS. Chapter 509 is amended—
Chapter 509 is amended—
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following:
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following: "(E) space flight participants."; and
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following: "(E) space flight participants."; and (2) in section 50915(a)(1)—
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following: "(E) space flight participants."; and (2) in section 50915(a)(1)— (A) by striking "or a contractor" and in-
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following: "(E) space flight participants."; and (2) in section 50915(a)(1)— (A) by striking "or a contractor" and in- serting "a contractor"; and
Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following: "(E) space flight participants."; and (2) in section 50915(a)(1)— (A) by striking "or a contractor" and in- serting "a contractor"; and (B) by striking "but not against" and in-
 Chapter 509 is amended— (1) in section 50914(a)(4), by adding at the end the following: "(E) space flight participants."; and (2) in section 50915(a)(1)— (A) by striking "or a contractor" and inserting "a contractor"; and (B) by striking "but not against" and inserting "or".

1	(A) in the matter preceding paragraph (1),
2	by striking "that will be launched or reentered"
3	and inserting "or reusable launch vehicles that
4	will be launched into a suborbital trajectory or
5	reentered under that permit";
6	(B) by amending paragraph (1) to read as
7	follows:
8	((1) research and development to test design
9	concepts, equipment, or operating techniques;"; and
10	(C) in paragraph (3)—
11	(i) by striking "prior to obtaining a li-
12	cense''; and
13	(ii) by inserting "or vehicle" after
14	"design of the rocket";
15	(2) in subsection (e)—
16	(A) in paragraph (1), by striking "sub-
17	orbital rocket design" and inserting "suborbital
18	rocket or suborbital rocket design, or for a par-
19	ticular reusable launch vehicle or reusable
20	launch vehicle design,"; and
21	(B) in paragraph (2), by inserting "or
22	launch vehicle" after "the suborbital rocket";
23	(3) by amending subsection (g) to read as fol-
24	lows:

"(g) The Secretary may issue a permit under this sec tion notwithstanding any license issued under this chapter.
 The issuance of a license under this chapter may not inval idate a permit issued under this section."; and

5 (4) in subsection (h), by inserting "or reusable6 launch vehicle" after "suborbital rocket".

7 SEC. 105. LICENSING REPORT.

8 Not later than 120 days after the date of enactment 9 of this Act, the Secretary of Transportation shall submit 10 to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science, Space, 11 12 and Technology of the House of Representatives a report 13 on approaches for streamlining the licensing and permitting process of launch vehicles, reentry vehicles, or compo-14 15 nents of launch or reentry vehicles, to enable non-launch flight operations related to space transportation. The re-16 17 port shall include approaches to improve efficiency, reduce unnecessary costs, resolve inconsistencies, remove duplica-18 tion, and minimize unwarranted constraints. The report 19 20shall also include an assessment of existing private and 21 government infrastructure, as appropriate, in future li-22 censing activities.

23 SEC. 106. FEDERAL JURISDICTION.

Section 50914 is amended by adding at the end thefollowing:

"(g) FEDERAL JURISDICTION.—Any claim by a third
 party or space flight participant for death, bodily injury,
 or property damage or loss resulting from an activity car ried out under the license shall be the exclusive jurisdic tion of the Federal courts.".

6 SEC. 107. CROSS WAIVERS.

7 Section 50914(b)(1) is amended to read as follows: "(1) A launch or reentry license issued or 8 9 transferred under this chapter shall contain a provi-10 sion requiring the licensee or transferee to make a 11 reciprocal waiver of claims with its contractors, sub-12 contractors, and customers, the contractors and sub-13 contractors of the customers, and any space flight 14 participants, involved in launch services or reentry 15 services under which each party to the waiver agrees 16 to be responsible for property damage or loss it or 17 they sustain, or for personal injury to, death of, or 18 property damage or loss sustained by its own em-19 ployees resulting from an activity carried out under 20 the applicable license.".

21 SEC. 108. SPACE AUTHORITY.

(a) IN GENERAL.—Not later than 120 days after the
date of enactment of this Act, the Director of the Office
of Science and Technology Policy, in consultation with the
Secretary of State, the Secretary of Transportation, the

Administrator of the National Aeronautics and Space Ad ministration, the heads of other relevant Federal agencies,
 and the commercial space sector, shall—

- 4 (1) assess current, and proposed near-term,
 5 commercial non-governmental activities conducted in
 6 space;
- 7 (2) identify appropriate authorization and su8 pervision authorities for the activities described in
 9 paragraph (1);

10 (3) recommend an authorization and super-11 vision approach that would prioritize safety, utilize 12 existing authorities, minimize burdens to the indus-13 try, promote the U.S. commercial space sector, and 14 meet the United States obligations under inter-15 national treaties; and

(4) submit to the Committee on Commerce,
Science, and Transportation of the Senate and the
Committee on Science, Space, and Technology of the
House of Representatives a report on the activities
described in paragraphs (1), (2), and (3).

(b) EXCEPTION.—Nothing in this section shall apply
to the activities of the ISS national laboratory as described
in section 504 of the National Aeronautics and Space Administration Authorization Act of 2010 (42 U.S.C.

1 18354), including any research or development projects
 2 utilizing the ISS national laboratory.

3 SEC. 109. ORBITAL TRAFFIC MANAGEMENT.

4 (a) SENSE OF CONGRESS.—It is the sense of the Con5 gress that an improved framework may be necessary for
6 space traffic management of United States Government
7 assets and United States private sector assets in outer
8 space and orbital debris mitigation.

9 (b) STUDY.—Not later than 90 days after the date of enactment of this Act, the Administrator of the Na-10 tional Aeronautics and Space Administration, in consulta-11 tion with the Secretary of Transportation, the Chair of 12 13 the Federal Communications Commission, the Secretary of Commerce, and the Secretary of Defense, shall enter 14 15 into an arrangement with an independent systems engineering and technical assistance organization to study al-16 ternate frameworks for the management of space traffic 17 18 and orbital activities.

19 (c) CONTENTS.—The study shall include the fol-20 lowing:

(1) An assessment of current regulations, best
practices, and industry standards that apply to
space traffic management and orbital debris mitigation.

1 (2) An assessment of current statutory authori-2 ties granted to the Federal Communications Com-3 mission, the Department of Transportation, and the 4 Department of Commerce that apply to space traffic 5 management and orbital debris mitigation and how 6 those agencies utilize and coordinate those authori-7 ties.

8 (3) A review of all space traffic management 9 and orbital debris requirements under treaties and 10 other international agreements to which the United 11 States is a signatory, and other nonbinding inter-12 national arrangements in which the United States 13 participates, and the manner and extent to which 14 the Federal Government complies with those require-15 ments and arrangements.

16 (4) An assessment of existing Federal Govern17 ment assets used to conduct space traffic manage18 ment and space situational awareness.

(5) An assessment of the risk to space traffic
management associated with smallsats and any necessary Government coordination for their launch and
utilization to avoid congestion of the orbital environment and improve space situational awareness.

(6) An assessment of existing private sector in formation sharing activities associated with space
 situational awareness and space traffic management.
 (7) Recommendations related to the appropriate
 framework for the protection of the health, safety,
 and welfare of the public and economic vitality of
 the space industry.

8 (d) REPORT.—Not later than 1 year after the date 9 of enactment of this Act, the Administrator shall submit 10 to the Committee on Commerce, Science, and Transpor-11 tation of the Senate and the Committee on Science, Space, 12 and Technology of the House of Representatives the study 13 required in subsection (b).

14 (e) Department of Defense Authorities.—

(1) SENSE OF CONGRESS.—It is the sense of
Congress that the Department of Defense plays a
vital and unique role in protecting national security
assets in space.

19 (2) RULE OF CONSTRUCTION.—Nothing in this
20 section may be construed to affect the authority of
21 the Secretary of Defense as it relates to safe22 guarding the national security.

SEC. 110. SPACE SURVEILLANCE AND SITUATIONAL AWARE NESS DATA.

3 Not later than 120 days after the date of enactment
4 of this Act, the Secretary of Transportation in concur5 rence with the Secretary of Defense shall—

6 (1) in consultation with the heads of other rel-7 evant Federal agencies, study the feasibility of proc-8 essing and releasing safety-related space situational 9 awareness data and information to any entity con-10 sistent with national security interests and public 11 safety obligations of the United States; and

(2) submit a report on the feasibility study to
the Committee on Commerce, Science, and Transportation of the Senate and the Committee on
Science, Space, and Technology of the House of
Representatives.

17 SEC. 111. CONSENSUS STANDARDS AND EXTENSION OF

18 CERTAIN SAFETY REGULATION REQUIRE-

19 MENTS.

20 Section 50905(c) is amended—

21 (1) in paragraph (1), by inserting "IN GEN22 ERAL.—" before "The Secretary";

23 (2) in paragraph (2), by inserting "REGULA24 TIONS.—" before "Regulations";

25 (3) by striking paragraph (3);

(4) by redesignating paragraph (4) as para graph (10);

3 (5) by inserting after paragraph (2) the fol-4 lowing:

5 "(3) Facilitation of standards.—The Sec-6 retary shall continue to work with the commercial 7 space sector, including the Commercial Space Trans-8 portation Advisory Committee, or its successor orga-9 nization, to facilitate the development of voluntary 10 industrv consensus standards based on rec-11 ommended best practices to improve the safety of 12 crew, government astronauts, and space flight par-13 ticipants as the commercial space sector continues to 14 mature.

15 "(4) COMMUNICATION AND TRANSPARENCY.— 16 Nothing in this subsection shall be construed to limit 17 the authority of the Secretary to discuss potential 18 regulatory approaches, potential performance stand-19 ards, or any other topic related to this subsection 20 with the commercial space industry, including obser-21 vations, findings, and recommendations from the 22 Commercial Space Transportation Advisory Com-23 mittee, or its successor organization, prior to the 24 issuance of a notice of proposed rulemaking. Such 25 discussions shall not be construed to permit the Sec-

1	retary to promulgate industry regulations except as
2	otherwise provided in this section.
3	"(5) INTERIM VOLUNTARY INDUSTRY CON-
4	SENSUS STANDARDS REPORTS.—
5	"(A) IN GENERAL.—Not later than De-
6	cember 31, 2016, and every 30 months there-
7	after until December 31, 2021, the Secretary,
8	in consultation and coordination with the com-
9	mercial space sector, including the Commercial
10	Space Transportation Advisory Committee, or
11	its successor organization, shall submit to the
12	Committee on Commerce, Science, and Trans-
13	portation of the Senate and the Committee on
14	Science, Space, and Technology of the House of
15	Representatives a report on the progress of the
16	commercial space transportation industry in de-
17	veloping voluntary industry consensus stand-
18	ards that promote best practices to improve in-
19	dustry safety.
20	"(B) CONTENTS.—The report shall in-
21	clude, at a minimum—
22	"(i) any voluntary industry consensus
23	standards that have been accepted by the
24	industry at large;

1	"(ii) the identification of areas that
2	have the potential to become voluntary in-
3	dustry consensus standards that are cur-
4	rently under consideration by the industry
5	at large;
6	"(iii) an assessment from the Sec-
7	retary on the general progress of the in-
8	dustry in adopting voluntary industry con-
9	sensus standards;
10	"(iv) any lessons learned about vol-
11	untary industry consensus standards, best
12	practices, and commercial space launch op-
13	erations;
14	"(v) any lessons learned associated
15	with the development, potential applica-
16	tion, and acceptance of voluntary industry
17	consensus standards, best practices, and
18	commercial space launch operations; and
19	"(vi) recommendations, findings, or
20	observations from the Commercial Space
21	Transportation Advisory Committee, or its
22	successor organization, on the progress of
23	the industry in developing voluntary indus-
24	try consensus standards that promote best
25	practices to improve industry safety.

1 "(6) REPORT.—Not later than 270 days after 2 the date of enactment of the SPACE Act of 2015, 3 the Secretary, in consultation and coordination with 4 the commercial space sector, including the Commer-5 cial Space Transportation Advisory Committee, or 6 its successor organization, shall submit to the Com-7 mittee on Commerce, Science, and Transportation of 8 the Senate and the Committee on Science, Space, 9 and Technology of the House of Representatives a 10 report specifying key industry metrics that might in-11 dicate readiness of the commercial space sector and 12 the Department of Transportation to transition to a 13 safety framework that may include regulations under 14 paragraph (9) that considers space flight partici-15 pant, government astronaut, and crew safety.

16 "(7) REPORTS.—Not later than March 31 of 17 each of 2018 and 2022, the Secretary, in consulta-18 tion and coordination with the commercial space sec-19 tor, including the Commercial Space Transportation 20 Advisory Committee, or its successor organization, 21 shall submit to the Committee on Commerce, 22 Science, and Transportation of the Senate and the 23 Committee on Science, Space, and Technology of the 24 House of Representatives a report that identifies the 25 activities, described in this subsection and subsection

1 (d) most appropriate for a new safety framework 2 that may include regulatory action, if any, and a 3 proposed transition plan for such safety framework. 4 "(8) INDEPENDENT REVIEW.—Not later than 5 December 31, 2022, an independent systems engi-6 neering and technical assistance organization or 7 standards development organization contracted by 8 the Secretary shall submit to the Committee on 9 Commerce, Science, and Transportation of the Sen-10 ate and the Committee on Science, Space, and Tech-11 nology of the House of Representatives an assess-12 ment of the readiness of the commercial space indus-13 try and the Federal Government to transition to a 14 safety framework that may include regulations. As 15 part of the review, the contracted organization shall 16 evaluate----

17 "(A) the progress of the commercial space
18 industry in adopting voluntary industry con19 sensus standards as reported by the Secretary
20 in the interim assessments included in the re21 ports under paragraph (5);

22 "(B) the progress of the commercial space
23 industry toward meeting the key industry
24 metrics identified by the report under para25 graph (6), including the knowledge and oper-

ational experience obtained by the commercial
 space industry while providing services for com pensation or hire; and

4 "(C) whether the areas identified in the re5 ports under paragraph (5) are appropriate for
6 regulatory action, or further development of vol7 untary industry consensus standards, consid8 ering the progress evaluated in subparagraphs
9 (A) and (B) of this paragraph.

10 "(9) LEARNING PERIOD.—Beginning on Octo-11 ber 1, 2023, the Secretary may propose regulations 12 under this subsection without regard to subpara-13 graphs (C) and (D) of paragraph (2). The develop-14 ment of any such regulations shall take into consid-15 eration the evolving standards of the commercial 16 space flight industry as identified in the reports pub-17 lished under paragraphs (5), (6), and (7)."; and

(6) in paragraph (10), as redesignated, by inserting "RULE OF CONSTRUCTION.—" before "Nothing".

21 SEC. 112. GOVERNMENT ASTRONAUTS.

(a) FINDINGS AND PURPOSE.—Section 50901(15) is
amended by inserting ", government astronauts," after
"crew" each place it appears.

1 (b) SENSE OF CONGRESS.—The National Aeronautics and Space Administration has a need to fly gov-2 3 ernment astronauts (as defined in section 50902 of title 4 51, United States Code, as amended) within commercial launch vehicles and reentry vehicles under chapter 509 of 5 that title. This need was identified by the Secretary of 6 7 Transportation and the Administrator of the National 8 Aeronautics and Space Administration due to the intended 9 use of commercial launch vehicles and reentry vehicles de-10 veloped under the Commercial Crew Development Program, authorized in section 402 of the National Aero-11 12 nautics and Space Administration Authorization Act of 2010 (124 Stat. 2820; Public Law 111-267). It is the 13 sense of Congress that the authority delegated to the Ad-14 15 ministration by the amendment made by subsection (d) of this section should be used for that purpose. 16

17 (c) DEFINITION OF GOVERNMENT ASTRONAUT.—18 Section 50902 is amended—

(1) by redesignating paragraphs (4) through
(22) as paragraphs (7) through (25), respectively;
and

(2) by inserting after paragraph (3) the fol-lowing:

24 "(4) 'government astronaut' means an indi25 vidual who—

1	"(A) is designated by the National Aero-
2	nautics and Space Administration under section
3	20113(n);
4	"(B) is carried within a launch vehicle or
5	reentry vehicle in the course of his or her em-
6	ployment, which may include performance of ac-
7	tivities directly relating to the launch, reentry,
8	or other operation of the launch vehicle or re-
9	entry vehicle; and
10	"(C) is either—
11	"(i) an employee of the United States
12	Government, including the uniformed serv-
13	ices, engaged in the performance of a Fed-
14	eral function under authority of law or an
15	Executive act; or
16	"(ii) an international partner astro-
17	naut.
18	"(5) "international partner astronaut" means an
19	individual designated under Article 11 of the Inter-
20	national Space Station Intergovernmental Agree-
21	ment, by a partner to that agreement other than the
22	United States, as qualified to serve as an Inter-
23	national Space Station crew member.
24	"(6) 'International Space Station Intergovern-
25	mental Agreement' means the Agreement Con-

cerning Cooperation on the International Space Sta tion, signed at Washington January 29, 1998 (TIAS
 12927).".

4 (d) POWERS OF THE NATIONAL AERONAUTICS AND
5 SPACE ADMINISTRATION IN PERFORMANCE OF FUNC6 TIONS.—Section 20113 is amended by adding at the end
7 the following:

8 "(n) Identification of Government Astro-9 NAUTS.—For purposes of a license issued or transferred by the Secretary of Transportation under chapter 509 to 10 launch a launch vehicle or to reenter a reentry vehicle car-11 12 rying a government astronaut (as defined in section 50902), the Administration shall designate a government 13 astronaut in accordance with requirements prescribed by 14 15 the Administration.".

(e) DEFINITION OF LAUNCH.—Paragraph (7) of section 50902, as redesignated, is amended by striking "and
any payload, crew, or space flight participant" and inserting "and any payload or human being".

(f) DEFINITION OF LAUNCH SERVICES.—Paragraph
(9) of section 50902, as redesignated, is amended by striking "payload, crew (including crew training), or space
flight participant" and inserting "payload, crew (including
crew training), government astronaut, or space flight participant".

(g) DEFINITION OF REENTER AND REENTRY.—
 Paragraph (16) of section 50902, as redesignated, is
 amended by striking "and its payload, crew, or space
 flight participants, if any," and inserting "and its payload
 or human beings, if any,".

6 (h) DEFINITION OF REENTRY SERVICES.—Para-7 graph (17) of section 50902, as redesignated, is amended 8 by striking "payload, crew (including crew training), or 9 space flight participant, if any," and inserting "payload, 10 crew (including crew training), government astronaut, or 11 space flight participant, if any,".

(i) DEFINITION OF SPACE FLIGHT PARTICIPANT.—
13 Paragraph (20) of section 50902, as redesignated, is
14 amended to read as follows:

"(20) 'space flight participant' means an individual, who is not crew or a government astronaut,
carried within a launch vehicle or reentry vehicle.".
(j) DEFINITION OF THIRD PARTY.—Paragraph
(24)(E) of section 50902, as redesignated, is amended by
inserting ", government astronauts," after "crew".

(k) RESTRICTIONS ON LAUNCHES, OPERATIONS, AND
REENTRIES; SINGLE LICENSE OR PERMIT.—Section
50904(d) is amended by striking "activities involving crew
or space flight participants" and inserting "activities in-

volving crew, government astronauts, or space flight par ticipants".

3 (1) LICENSE APPLICATIONS AND REQUIREMENTS;
4 APPLICATIONS.—Section 50905 is amended—

(1) in subsection (a)(2), by striking "crews and
space flight participants" and inserting "crew, government astronauts, and space flight participants";
(2) in subsection (b)(2)(D), by striking "crew
or space flight participants" and inserting "crew,
government astronauts, or space flight participants";
and

12 (3) in subsection (c)—

(A) in paragraph (1), by striking "crew
and space flight participants" and inserting
"crew, government astronauts, and space flight
participants"; and

17 (B) in paragraph (2), by striking "to crew
18 or space flight participants" each place it ap19 pears and inserting "to crew, government astro20 nauts, or space flight participants".

(m) MONITORING ACTIVITIES.—Section 50907(a) is
amended by striking "at a site used for crew or space
flight participant training" and inserting "at a site not
owned or operated by the Federal Government or a foreign

government used for crew, government astronaut, or space
 flight participant training".

3 (n) ADDITIONAL SUSPENSIONS.—Section
4 50908(d)(1) is amended by striking "to crew or space
5 flight participants" each place it appears and inserting "to
6 any human being".

7 (o) RELATIONSHIP TO OTHER EXECUTIVE AGEN8 CIES, LAWS, AND INTERNATIONAL OBLIGATIONS; NON9 APPLICATION.—Section 50919(g) is amended to read as
10 follows:

11 "(g) NONAPPLICATION.—

12 "(1) IN GENERAL.—This chapter does not
13 apply to—

"(A) a launch, reentry, operation of a
launch vehicle or reentry vehicle, operation of a
launch site or reentry site, or other space activity the Government carries out for the Government; or

19 "(B) planning or policies related to the
20 launch, reentry, operation, or activity under
21 subparagraph (A).

"(2) RULE OF CONSTRUCTION.—The following
activities are not space activities the Government
carries out for the Government under paragraph (1):

"(A) A government astronaut being carried
 within a launch vehicle or reentry vehicle under
 this chapter.

4 "(B) A government astronaut performing
5 activities directly relating to the launch, re6 entry, or other operation of the launch vehicle
7 or reentry vehicle under this chapter.".

8 SEC. 113. STREAMLINE COMMERCIAL SPACE LAUNCH AC9 TIVITIES.

(a) SENSE OF CONGRESS.—It is the sense of Congress that eliminating duplicative requirements and approvals for commercial launch and reentry operations will
promote and encourage the development of the commercial
space sector.

(b) REAFFIRMATION OF POLICY.—Congress reaffirms that the Secretary of Transportation, in overseeing
and coordinating commercial launch and reentry operations, should—

(1) promote commercial space launches and re-entries by the private sector;

21 (2) facilitate Government, State, and private
22 sector involvement in enhancing U.S. launch sites
23 and facilities;

(3) protect public health and safety, safety of
 property, national security interests, and foreign pol icy interests of the United States; and

4 (4) consult with the head of another executive
5 agency, including the Secretary of Defense or the
6 Administrator of the National Aeronautics and
7 Space Administration, as necessary to provide consistent application of licensing requirements under
9 chapter 509 of title 51, United States Code.

10 (c) REQUIREMENTS.—

(1) IN GENERAL.—The Secretary of Transportation under section 50918 of title 51, United States
Code, and subject to section 50905(b)(2)(C) of that
title, shall consult with the Secretary of Defense, the
Administrator of the National Aeronautics and
Space Administration, and the heads of other executive agencies, as appropriate—

(A) to identify all requirements that are
imposed to protect the public health and safety,
safety of property, national security interests,
and foreign policy interests of the United States
relevant to any commercial launch of a launch
vehicle or commercial reentry of a reentry vehicle; and

1	(P) to evaluate the requirements identified
	(B) to evaluate the requirements identified
2	in subparagraph (A) and, in coordination with
3	the licensee or transferee and the heads of the
4	relevant executive agencies—
5	(i) determine whether the satisfaction
6	of a requirement of one agency could result
7	in the satisfaction of a requirement of an-
8	other agency; and
9	(ii) resolve any inconsistencies and re-
10	move any outmoded or duplicative require-
11	ments or approvals of the Federal Govern-
12	ment relevant to any commercial launch of
13	a launch vehicle or commercial reentry of
14	a reentry vehicle.
15	(2) REPORTS.—Not later than 180 days after
16	the date of enactment of this Act, and annually
17	thereafter until the Secretary of Transportation de-
18	termines no outmoded or duplicative requirements or
19	approvals of the Federal Government exist, the Sec-
20	retary of Transportation, in consultation with the
21	Secretary of Defense, the Administrator of the Na-
22	tional Aeronautics and Space Administration, the
23	commercial space sector, and the heads of other ex-
24	ecutive agencies, as appropriate, shall submit to the
25	Committee on Commerce, Science, and Transpor-

1	tation of the Senate, the Committee on Science,
2	Space, and Technology of the House of Representa-
3	tives, and the congressional defense committees a re-
4	port that includes the following:
5	(A) A description of the process for the ap-
6	plication for and approval of a permit or license
7	under chapter 509 of title 51, United States
8	Code, for the commercial launch of a launch ve-
9	hicle or commercial reentry of a reentry vehicle,
10	including the identification of—
11	(i) any unique requirements for oper-
12	ating on a United States Government
13	launch site, reentry site, or launch prop-
14	erty; and
15	(ii) any inconsistent, outmoded, or du-
16	plicative requirements or approvals.
17	(B) A description of current efforts, if any,
18	to coordinate and work across executive agen-
19	cies to define interagency processes and proce-
20	dures for sharing information, avoiding duplica-
21	tion of effort, and resolving common agency re-
22	quirements.
23	(C) Recommendations for legislation that
24	may further—

1	(i) streamline requirements in order
2	to improve efficiency, reduce unnecessary
3	costs, resolve inconsistencies, remove dupli-
4	cation, and minimize unwarranted con-
5	straints; and
6	(ii) consolidate or modify require-
7	ments across affected agencies into a sin-
8	gle application set that satisfies the re-
9	quirements identified in paragraph $(1)(A)$.
10	(3) DEFINITIONS.—For purposes of this sub-
11	section—
12	(A) any applicable definitions set forth in
13	section 50902 of title 51, United States Code,
14	shall apply;
15	(B) the terms "launch", "reenter", and
16	"reentry" include landing of a launch vehicle or
17	reentry vehicle; and
18	(C) the terms "United States Government
19	launch site" and "United States Government
20	reentry site" include any necessary facility, at
21	that location, that is commercially operated on
22	United States Government property.
23	SEC. 114. OPERATION AND UTILIZATION OF THE ISS.
24	(a) SENSE OF CONGRESS.—It is the sense of Con-
25	gress that—

1 (1) maximum utilization of partnerships, sci-2 entific research, commercial applications, and explo-3 ration test bed capabilities of the ISS is essential to 4 ensuring the greatest return on investments made by 5 the United States and its international partners in 6 the development, assembly, and operations of that unique facility; and 7 8 (2) every effort should be made to ensure that 9 decisions regarding the service life of the ISS are 10 based on the station's projected capability to con-11 tinue providing effective and productive research and 12 exploration test bed capabilities. 13 (b) CONTINUATION OF THE INTERNATIONAL SPACE STATION.— 14 15 (1) IN GENERAL.—Section 501 of the National 16 Aeronautics and Space Administration Authorization 17 Act of 2010 (42 U.S.C. 18351) is amended— 18 striking (\mathbf{A}) in the heading, by 19 "THROUGH 2020"; and 20 (B) in subsection (a), by striking "through at least 2020" and inserting "through at least 21 22 2024". 23 (2) MAINTENANCE OF THE UNITED STATES 24 SEGMENT AND ASSURANCE OF CONTINUED OPER-25 ATIONS OF THE INTERNATIONAL SPACE STATION.-

1	Section 503 of the National Aeronautics and Space
2	Administration Authorization Act of 2010 (42
3	U.S.C. 18353) is amended—
4	(A) in subsection (a), by striking "through
5	at least September 30, 2020" and inserting
6	"through at least September 30, 2024"; and
7	(B) in subsection $(b)(1)$, by striking "In
8	carrying out subsection (a), the Administrator"
9	and inserting "The Administrator".
10	(3) Research capacity allocation and in-
11	TEGRATION OF RESEARCH PAYLOADS.—Section
12	504(d) of the National Aeronautics and Space Ad-
13	ministration Authorization Act of 2010 (42 U.S.C.
14	18354(d)) is amended by striking "September 30,
15	2020" each place it appears and inserting "at least
16	September 30, 2024".
17	(4) MAINTAINING USE THROUGH AT LEAST
18	2024.—Section 70907 is amended to read as follows:
19	"§ 70907. Maintaining use through at least 2024
20	"(a) Policy.—The Administrator shall take all nec-
21	essary steps to ensure that the International Space Sta-
22	tion remains a viable and productive facility capable of po-
23	tential United States utilization through at least Sep-
24	

"(b) NASA ACTIONS.—In furtherance of the policy
 under subsection (a), the Administrator shall ensure, to
 the extent practicable, that the International Space Sta tion, as a designated national laboratory—

5 "(1) remains viable as an element of overall ex6 ploration and partnership strategies and approaches;
7 "(2) is considered for use by all NASA mission
8 directorates, as appropriate, for technically appro9 priate scientific data gathering or technology risk re10 duction demonstrations; and

"(3) remains an effective, functional vehicle
providing research and test bed capabilities for the
United States through at least September 30,
2024.".

15 (5) TECHNICAL AND CONFORMING AMEND16 MENTS.—

17 (A) TABLE OF CONTENTS OF 2010 ACT.—
18 The item relating to section 501 in the table of
19 contents in section 1(b) of the National Aero20 nautics and Space Administration Authorization
21 Act of 2010 (124 Stat. 2806) is amended by
22 striking "through 2020".

23 (B) TABLE OF CONTENTS OF CHAPTER
24 709.—The table of contents for chapter 709 is

amended by amending the item relating to sec tion 70907 to read as follows:
 "70907. Maintaining use through at least 2024.".

3 SEC. 115. STATE COMMERCIAL LAUNCH FACILITIES.

4 (a) SENSE OF CONGRESS.—It is the sense of Con5 gress that—

6 (1) State involvement, development, ownership, 7 and operation of launch facilities can enable growth 8 of the Nation's commercial suborbital and orbital 9 space endeavors and support both commercial and 10 Government space programs;

(2) State launch facilities and the people and
property in the affected launch areas of those facilities may be subject to risks resulting from an activity carried out under a license under chapter 509 of
title 51, United States Code; and

16 (3) to ensure the success of the commercial 17 launch industry and the safety of the people and 18 property in the affected launch areas of those facili-19 ties, States and State launch facilities should seek to 20 take proper measures to protect themselves, to the 21 extent of their potential liability for involvement in 22 launch services or reentry services, and compensate 23 third parties for possible death, bodily injury, or 24 property damage or loss resulting from an activity 25 carried out under a license under chapter 509 of

title 51, United States Code, to which the State or
 State launch facility is involved in the launch serv ices or reentry services.

(b) REPORT.—Not later than 1 year after the date 4 5 of enactment of this Act, the Comptroller General shall 6 submit to the Committee on Commerce, Science, and 7 Transportation of the Senate and the Committee on 8 Science, Space, and Technology of the House of Rep-9 resentatives a report on the potential inclusion of all gov-10 ernment property, including State and municipal property, in the existing indemnification regime established under 11 12 section 50914 of title 51, United States Code.

13 SEC. 116. SPACE SUPPORT VEHICLES STUDY.

(a) IN GENERAL.—Not later than 1 year after the
date of enactment of this Act, the Comptroller General
shall submit to the Committee on Commerce, Science, and
Transportation of the Senate and the Committee on
Science, Space, and Technology of the House of Representatives a report on the use of space support vehicle
services in the commercial space industry.

21 (b) CONTENTS.—This report shall include—

(1) the extent to which launch providers rely onsuch services as part of their business models;

24 (2) the statutory, regulatory, and market bar-25 riers to the use of such services; and

1	(3) recommendations for legislative or regu-
2	latory action that may be needed to ensure reduced
3	barriers to the use of such services if such use is a
4	requirement of the industry.
5	SEC. 117. SPACE LAUNCH SYSTEM UPDATE.
6	(a) IN GENERAL.—Chapter 701 is amended—
7	(1) in the heading by striking " SPACE
8	SHUTTLE" and inserting "SPACE LAUNCH
9	SYSTEM";
10	(2) in section 70101—
11	(A) in the heading, by striking " space
12	shuttle" and inserting "space launch sys-
13	tem"; and
13 14	tem "; and (B) by striking "space shuttle" and insert-
14	(B) by striking "space shuttle" and insert-
14 15	(B) by striking "space shuttle" and insert- ing "space launch system";
14 15 16 17	(B) by striking "space shuttle" and insert- ing "space launch system";(3) by amending section 70102 to read as fol-
14 15 16 17	(B) by striking "space shuttle" and insert- ing "space launch system";(3) by amending section 70102 to read as fol- lows:
14 15 16 17 18	 (B) by striking "space shuttle" and insert- ing "space launch system"; (3) by amending section 70102 to read as fol- lows: "§ 70102. Space launch system use policy
14 15 16 17 18 19	 (B) by striking "space shuttle" and insert- ing "space launch system"; (3) by amending section 70102 to read as fol- lows: "§ 70102. Space launch system use policy "(a) IN GENERAL.—The Space Launch System may
 14 15 16 17 18 19 20 	 (B) by striking "space shuttle" and inserting "space launch system"; (3) by amending section 70102 to read as follows: *\$70102. Space launch system use policy "(a) IN GENERAL.—The Space Launch System may be used for the following circumstances:
 14 15 16 17 18 19 20 21 	 (B) by striking "space shuttle" and inserting "space launch system"; (3) by amending section 70102 to read as follows: *\$70102. Space launch system use policy "(a) IN GENERAL.—The Space Launch System may be used for the following circumstances: "(1) Payloads and missions that contribute to

"(2) Other payloads and missions that substan tially benefit from the unique capabilities of the
 Space Launch System.

4 "(3) On a space available basis, Federal Gov5 ernment or educational payloads that are consistent
6 with NASA's mission for exploration beyond low7 Earth orbit.

8 "(4) Compelling circumstances, as determined9 by the Administrator.

"(b) AGREEMENTS WITH FOREIGN ENTITIES.—The
Administrator may plan, negotiate, or implement agreements with foreign entities for the launch of payloads for
international collaborative efforts relating to science and
technology using the Space Launch System.

15 "(c) COMPELLING CIRCUMSTANCES.—Not later than 30 days after the date the Administrator makes a deter-16 17 mination under subsection (a)(4), the Administrator shall transmit to the Committee on Commerce, Science, and 18 19 Transportation of the Senate and the Committee on 20 Science of the House of Representatives written notifica-21 tion of the Administrator's intent to select the Space 22 Launch System for a specific mission under that sub-23 section, including justification for the determination.";

(4) in section 70103—

1	(A) in the heading, by striking " SPACE
2	SHUTTLE" and inserting "SPACE LAUNCH
3	SYSTEM ''; and
4	(B) in subsection (b), by striking "space
5	shuttle" each place it appears and inserting
6	"space launch system"; and
7	(5) by adding at the end the following:
8	"§70104. Definition of Space Launch System
9	"In this chapter, the term 'Space Launch System'
10	means the Space Launch System authorized under section
11	302 of the National Aeronautics and Space Administra-
12	tion Authorization Act of 2010 (42 U.S.C. 18322).".
13	(b) Technical and Conforming Amendments.—
14	(1) TABLE OF CHAPTERS.—The table of chap-
15	ters of title 51 is amended by amending the item re-
16	lating to chapter 701 to read as follows:
	"701. Use of space launch system or alternatives
17	(2) TABLE OF CONTENTS OF CHAPTER 701.—
18	The table of contents of chapter 701 is amended—
19	(A) in the item relating to section 70101,
20	by striking "space shuttle" and inserting
21	"space launch system";
22	(B) in the item relating to section 70102,
23	by striking "Space shuttle" and inserting
24	"Space launch system";

1	(C) in the item relating to section 70103,
2	by striking "space shuttle" and inserting
3	"space launch system"; and
4	(D) by adding at the end the following:
	"70104. Definition of Space Launch System.".
5	(3) Requirement to procure commercial
6	SPACE TRANSPORTATION SERVICES.—Section
7	50131(a) of chapter 51 is amended by inserting "or
8	in section 70102" after "in this section".
9	TITLE II—COMMERCIAL REMOTE
10	SENSING

11 SEC. 201. ANNUAL REPORTS.

12 (a) IN GENERAL.—Subchapter III of chapter 601 is13 amended by adding at the end the following:

14 **"§ 60126. Annual reports**

"(a) IN GENERAL.—The Secretary shall submit a report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science,
Space, and Technology of the House of Representatives
not later than 180 days after the date of enactment of
the U.S. Commercial Space Launch Competitiveness Act,
and annually thereafter, on—

- 22 "(1) the Secretary's implementation of section
 23 60121, including—
- 24 "(A) a list of all applications received in25 the previous calendar year;

1	"(B) a list of all applications that resulted
2	in a license under section 60121;
3	"(C) a list of all applications denied and
4	an explanation of why each application was de-
5	nied, including any information relevant to the
6	interagency adjudication process of a licensing
7	request;
8	"(D) a list of all applications that required
9	additional information; and
10	"(E) a list of all applications whose dis-
11	position exceeded the 120 day deadline estab-
12	lished in section 60121(c), the total days over-
13	due for each application that exceeded such
14	deadline, and an explanation for the delay;
15	"(2) all notifications and information provided
16	to the Secretary under section 60122; and
17	"(3) a description of all actions taken by the
18	Secretary under the administrative authority grant-
19	ed by paragraphs (4) , (5) , and (6) of section
20	60123(a).
21	"(b) CLASSIFIED ANNEXES.—Each report under sub-
22	section (a) may include classified annexes as necessary to
23	protect the disclosure of sensitive or classified information.
24	"(c) SUNSET.—The reporting requirement under this
25	section terminates effective September 30, 2020.".

(b) TABLE OF CONTENTS.—The table of contents of
 chapter 601 is amended by inserting after the item relat ing to section 60125 the following:
 "60126. Annual reports.".

4 SEC. 202. STATUTORY UPDATE REPORT.

5 Not later than 1 year after the date of enactment 6 of this Act, the Secretary of Commerce, in consultation 7 with the heads of other appropriate Federal agencies and 8 the National Oceanic and Atmospheric Administration's 9 Advisory Committee on Commercial Remote Sensing, shall submit to the Committee on Commerce, Science, and 10 Transportation of the Senate and the Committee on 11 Science, Space, and Technology of the House of Rep-12 resentatives a report on statutory updates necessary to li-13 cense private remote sensing space systems. In preparing 14 15 the report, the Secretary shall take into account the need to protect national security while maintaining United 16 States private sector leadership in the field, and reflect 17 the current state of the art of remote sensing systems, 18 instruments, or technologies. 19

20 TITLE III—OFFICE OF SPACE 21 COMMERCE

22 SEC. 301. RENAMING OF OFFICE OF SPACE COMMER-

23 CIALIZATION.

24 (a) CHAPTER HEADING.—

(1) AMENDMENT.—The heading for chapter
 507 is amended by striking "COMMER CIALIZATION" and inserting "COM MERCE".

5 (2) CONFORMING AMENDMENT.—The item re6 lating to chapter 507 in the table of chapters for
7 title 51 is amended by striking "Commercialization"
8 and inserting "Commerce".

9 (b) DEFINITION OF OFFICE.—Section 50701 is
10 amended by striking "Commercialization" and inserting
11 "Commerce".

(c) RENAMING.—Section 50702(a) is amended by
striking "Commercialization" and inserting "Commerce".
SEC. 302. FUNCTIONS OF THE OFFICE OF SPACE COMMERCE.

16 Section 50702(c) is amended by striking "Com-17 merce." and inserting "Commerce, including—

18 "(1) to foster the conditions for the economic
19 growth and technological advancement of the United
20 States space commerce industry;

21 "(2) to coordinate space commerce policy issues22 and actions within the Department of Commerce;

23 "(3) to represent the Department of Commerce24 in the development of United States policies and in

negotiations with foreign countries to promote
 United States space commerce;

- 3 "(4) to promote the advancement of United
 4 States geospatial technologies related to space com5 merce, in cooperation with relevant interagency
 6 working groups; and
- 7 "(5) to provide support to Federal Government
 8 organizations working on Space-Based Positioning
 9 Navigation, and Timing policy, including the Na10 tional Coordination Office for Space-Based Position,
 11 Navigation, and Timing.".

12 TITLE IV—SPACE RESOURCE EX13 PLORATION AND UTILIZA14 TION

15 SEC. 401. SHORT TITLE.

16 This title may be cited as the "Space Resource Explo-17 ration and Utilization Act of 2015".

18 SEC. 402. TITLE 51 AMENDMENT.

19 (a) IN GENERAL.—Subtitle V is amended by adding20 at the end the following:

21 "CHAPTER 513—SPACE RESOURCE COM-

22 MERCIAL EXPLORATION AND UTILIZA-

23 **TION**

"Sec.

"51301. Definitions.

"51302. Commercial exploration and commercial recovery.

"51303. Asteroid resource and space resource rights.

1 **"§ 51301. Definitions**

2	"In this chapter:
3	"(1) ASTEROID RESOURCE.—The term 'asteroid
4	resource' means a space resource found on or within
5	a single asteroid.
6	"(2) Space resource.—
7	"(A) IN GENERAL.—The term 'space re-
8	source' means an abiotic resource in situ in
9	outer space.
10	"(B) INCLUSIONS.—The term 'space re-
11	source' includes water and minerals.
12	"(3) UNITED STATES CITIZEN.—The term
13	'United States citizen' has the meaning given the
14	term 'citizen of the United States' in section 50902.
14 15	term 'citizen of the United States' in section 50902. "§ 51302. Commercial exploration and commercial re-
15	"§51302. Commercial exploration and commercial re-
15 16	"§ 51302. Commercial exploration and commercial re- covery
15 16 17	"§ 51302. Commercial exploration and commercial re- covery "(a) IN GENERAL.—The President, acting through
15 16 17 18	*\$51302. Commercial exploration and commercial re- covery ``(a) IN GENERAL.—The President, acting through appropriate Federal agencies, shall—
15 16 17 18 19	*\$51302. Commercial exploration and commercial re- covery ``(a) IN GENERAL.—The President, acting through appropriate Federal agencies, shall— ``(1) facilitate commercial exploration for and
15 16 17 18 19 20	*\$51302. Commercial exploration and commercial re- covery "(a) IN GENERAL.—The President, acting through appropriate Federal agencies, shall— "(1) facilitate commercial exploration for and commercial recovery of space resources by United
 15 16 17 18 19 20 21 	*\$51302. Commercial exploration and commercial recovery "(a) IN GENERAL.—The President, acting through appropriate Federal agencies, shall— "(1) facilitate commercial exploration for and commercial recovery of space resources by United States citizens;
 15 16 17 18 19 20 21 22 	*\$51302. Commercial exploration and commercial recovery "(a) IN GENERAL.—The President, acting through appropriate Federal agencies, shall— "(1) facilitate commercial exploration for and commercial recovery of space resources by United States citizens; "(2) discourage government barriers to the de-
 15 16 17 18 19 20 21 22 23 	*\$51302. Commercial exploration and commercial recovery "(a) IN GENERAL.—The President, acting through appropriate Federal agencies, shall— "(1) facilitate commercial exploration for and commercial recovery of space resources by United States citizens; "(2) discourage government barriers to the development in the United States of economically via-

sources in manners consistent with the international
 obligations of the United States; and

"(3) promote the right of United States citizens
to engage in commercial exploration for and commercial recovery of space resources free from harmful interference, in accordance with the international
obligations of the United States and subject to authorization and continuing supervision by the Federal Government.

10 "(b) REPORT.—Not later than 180 days after the 11 date of enactment of this section, the President shall sub-12 mit to Congress a report on commercial exploration for 13 and commercial recovery of space resources by United 14 States citizens that specifies—

"(1) the authorities necessary to meet the international obligations of the United States, including
authorization and continuing supervision by the Federal Government; and

"(2) recommendations for the allocation of responsibilities among Federal agencies for the activities described in paragraph (1).

22 "§ 51303. Asteroid resource and space resource rights

23 "A United States citizen engaged in commercial re24 covery of an asteroid resource or a space resource under
25 this chapter shall be entitled to any asteroid resource or

space resource obtained, including to possess, own, trans port, use, and sell the asteroid resource or space resource
 obtained in accordance with applicable law, including the
 international obligations of the United States.".

5 (b) TABLE OF CHAPTERS.—The table of chapters for
6 title 51 is amended by adding at the end of the items for
7 subtitle V the following:

8 SEC. 403. DISCLAIMER OF EXTRATERRITORIAL SOV-9 EREIGNTY.

10 It is the sense of Congress that by the enactment of 11 this Act, the United States does not thereby assert sov-12 ereignty or sovereign or exclusive rights or jurisdiction 13 over, or the ownership of, any celestial body.