

[COMMITTEE PRINT]

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EXPLANATION OF H.R. 3039, TO ENACT TITLE 51, UNITED STATES CODE, "NATIONAL AND COMMERCIAL SPACE PROGRAMS", AS POSITIVE LAW

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BACKGROUND

Over the past five decades, a substantial amount of legislation has been enacted related to national and commercial space programs (see, e.g., National Aeronautics and Space Act of 1958; Commercial Space Act of 1998). In the United States Code, some of these provisions have been classified to title 42 (Public Health and Welfare) and others have been classified to title 15 (Commerce and Trade). No distinct title for national and commercial space programs exists in the United States Code because the organizational scheme for the Code was originally established in 1926, before such programs were contemplated.

The bill gathers provisions related to national and commercial space programs and restates these provisions as a new positive law title of the United States Code. The new positive law title replaces the former provisions, which are repealed by the bill.

The bill was prepared by the Office of the Law Revision Counsel as part of the Office's ongoing responsibility under section 205(c) of House Resolution No. 988, 93d Congress, as enacted into law by Public Law 93-554 (2 U.S.C. 285b), "[t]o prepare, and submit to the Committee on the Judiciary one title at a time, a complete compilation, restatement, and revision of the general and permanent laws of the United States".

CONFORMITY WITH ORIGINAL INTENT

The bill was prepared in accordance with the standard for codification legislation set forth in section 205(c)(1) of House Resolution No. 988, 93d Congress, as enacted into law by Public Law 93-554 (2 U.S.C. 285b(1)), which provides that the restatement of existing law shall conform to "the understood policy, intent, and purpose of the Congress in the original enactments, with such amendments

and corrections as will remove ambiguities, contradictions, and other imperfections”.

In restating existing law, the bill consolidates various provisions that have been enacted separately over a period of many years. To restate these various provisions as a cohesive unit, it is necessary to make changes in organization, style, and terminology. In addition, the bill eliminates obsolete language and corrects errors in the law. The changes in existing law made by the bill are purely technical in nature and do not impair the precedential value of earlier judicial decisions or other interpretations.

The following authorities are relevant to an interpretation of the general intent of codification legislation:

*Finley v. United States*, 490 U.S. 545, 553–555 (1989).

*Tidewater Oil Co. v. U.S.*, 409 U.S. 151, 161, 162 (1972).

*Fourco Glass Co. v. Transmirra Products Corp.*, 353 U.S. 222, 227, 228 (1957).

*United States v. Sischo*, 262 U.S. 165, 168 (1923).

*United States v. Ryder*, 110 U.S. 729, 740 (1884).

*McDonald v. Hovey*, 110 U.S. 619, 628–630 (1884).

*Smythe v. Fiske*, 23 Wall. 374, 382 (1874).

*Stewart v. Kahn*, 11 Wall. 493, 502 (1871).

*Atchison, Topeka and Santa Fe Railway Co. v. United States*, 617 F. 2d 485, 488–491 (7th Cir. 1980).

*Trailer Marine Transport Corp. v. Federal Maritime Commission*, 602 F. 2d 379, 383 nt. 18, 387–389 (D.C. Cir. 1979).

Sutherland, *Statutory Construction*, §§ 28.10, 28.11 (6th ed. 2002).

#### DISPOSITION TABLE

The table below shows a disposition for each section of the United States Code affected by the bill. In addition, with respect to provisions of law set out as notes in the United States Code, the table shows a disposition for each provision repealed by the bill.

Where the disposition column shows a title 51 citation, it means the provision of law classified to the former United States Code section is being restated and reenacted as part of title 51 by section 3 of the bill. The provision is also included in the Schedule of Laws Repealed in section 6 of the bill.

Where the disposition column shows “Repealed ...”, it means the provision of law classified to the former United States Code section (or note) is being repealed by section 6 of the bill, without being restated and reenacted as part of title 51.

Where the disposition column shows “Not repealed but omitted from text of title 51”, it means the provision of law classified to the former United States Code section is not being repealed, or restated and reenacted as part of title 51, by the bill. After enactment of the bill, the Law Revision Counsel of the United States House of Representatives will determine whether the provision is to be editorially eliminated from the United States Code or reclassified to a new section or note. In any case, the provision will remain in force.

Disposition Table

Former United States Code Section	Disposition
15 U.S.C. 5601 .....	51 U.S.C. 1101
15 U.S.C. 5601 note (Public Law 102-555, § 1) .....	Repealed as unnecessary. Provided a short title for Public Law 102-555.
15 U.S.C. 5602 .....	51 U.S.C. 1102
15 U.S.C. 5611 .....	51 U.S.C. 1111
15 U.S.C. 5612 .....	51 U.S.C. 1112
15 U.S.C. 5613 .....	Repealed as obsolete. Required the Landsat Program Management, within 30 days after October 28, 1992, to enter into negotiations with the Landsat 6 contractor with respect to unenhanced data for which the Landsat 6 contractor had responsibility under its contract. In the event such negotiations had not, by September 30, 1993, resulted in an agreement meeting certain specified goals, the Administrator of the National Aeronautics and Space Administration and the Secretary of Defense were jointly required to certify and report their determination of that fact to Congress, with a review of options, projected costs, and recommendations for achieving the specified goals.
15 U.S.C. 5614 .....	51 U.S.C. 1113
15 U.S.C. 5615(a), (b) .....	51 U.S.C. 1114
15 U.S.C. 5615(c) .....	Repealed as obsolete. Required the Landsat Program Management to develop and submit to Congress, not later than July 15, 1994, a report containing a Landsat 7 Data Policy Plan.
15 U.S.C. 5615(d) .....	Repealed as obsolete. Required the Landsat Program Management to submit reports to Congress providing justification for certain aspects of the Landsat 7 data policy. The first such report was required to be submitted not later than 12 months after submission of the Landsat 7 Data Policy Plan required by 15 U.S.C. 5615(c). Thereafter, the reports were required to be submitted annually until the launch of Landsat 7, which occurred on April 15, 1999.
15 U.S.C. 5621 .....	51 U.S.C. 1121
15 U.S.C. 5622 .....	51 U.S.C. 1122
15 U.S.C. 5623 .....	51 U.S.C. 1123
15 U.S.C. 5624 .....	51 U.S.C. 1124
15 U.S.C. 5625 .....	51 U.S.C. 1125
15 U.S.C. 5631 .....	51 U.S.C. 1131
15 U.S.C. 5632 .....	51 U.S.C. 1132
15 U.S.C. 5633(a) to (e) .....	51 U.S.C. 1133

## Disposition Table—Continued

Former United States Code Section	Disposition
15 U.S.C. 5633(f) .....	Repealed as obsolete. Required the President to assess the progress of the technology demonstration program under 15 U.S.C. 5633 and submit a report to Congress within 2 years after October 28, 1992.
15 U.S.C. 5641 .....	Not repealed but omitted from text of title 51. Provides that if a successor land remote sensing system to Landsat 7 can be funded and managed by the private sector while still achieving certain goals and without jeopardizing the domestic, national security, and foreign policy interests of the United States, preference should be given to the development of such a system by the private sector without competition from the United States Government.
15 U.S.C. 5651 .....	51 U.S.C. 1141
15 U.S.C. 5652 .....	51 U.S.C. 1142
15 U.S.C. 5653 .....	51 U.S.C. 1143
15 U.S.C. 5654 .....	51 U.S.C. 1144
15 U.S.C. 5655 .....	51 U.S.C. 1145
15 U.S.C. 5656 .....	51 U.S.C. 1146
15 U.S.C. 5657 .....	51 U.S.C. 1147
15 U.S.C. 5658 .....	51 U.S.C. 1148
15 U.S.C. 5671 .....	51 U.S.C. 1161
15 U.S.C. 5672 .....	51 U.S.C. 1162
15 U.S.C. 5801 .....	51 U.S.C. 1701
15 U.S.C. 5802 .....	51 U.S.C. 1702
15 U.S.C. 5803(a) to (c) .....	51 U.S.C. 1703
15 U.S.C. 5803(d) .....	Repealed as obsolete. Required the Administrator of the National Aeronautics and Space Administration to conduct an ongoing review of the program established under 15 U.S.C. 5803 and report the results of the review to Congress not later than January 31, 1995.
15 U.S.C. 5804 .....	Previously repealed.
15 U.S.C. 5805 .....	Repealed as obsolete. Required the Administrator of the National Aeronautics and Space Administration and the Secretary of Defense, as appropriate, in coordination with the Secretary of Transportation, to conduct an inventory and identify all launch support facilities owned by the United States Government. To the extent practicable, the Administrator and the Secretary of Defense were also required to identify launch support facilities which could be made available for use by non-Federal entities on a reimbursable basis without interfering with Federal activities. Not later than one year after November 4, 1992, the Administrator and the Secretary of Defense were each required to submit a report to Congress.
15 U.S.C. 5806 .....	51 U.S.C. 1704
15 U.S.C. 5807 .....	51 U.S.C. 1705
15 U.S.C. 5808 .....	51 U.S.C. 1706
42 U.S.C. 2451 .....	51 U.S.C. 302
42 U.S.C. 2451 note (Public Law 85-568, § 101) .....	Repealed as unnecessary. Provided that Public Law 85-568 may be cited as the "National Aeronautics and Space Act of 1958". The Act is restated generally as chapter 3 of title 51. Section 301 of title 51 provides that chapter 3 of title 51 may be cited as the "National Aeronautics and Space Act".
42 U.S.C. 2452 .....	51 U.S.C. 303
42 U.S.C. 2453 .....	Repealed as obsolete. Provided that the President, for a period of four years after July 29, 1958, was authorized to transfer to the National Aeronautics and Space Administration the functions of other Federal agencies that related primarily to the prescribed functions of the Administration.
42 U.S.C. 2454 .....	51 U.S.C. 331
42 U.S.C. 2455(a) .....	51 U.S.C. 332

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 2455(b) .....	Not repealed but omitted from text of title 51. Provides that the Atomic Energy Commission may authorize its employees to permit any member, officer, or employee of the National Aeronautics and Space Council (and certain others) to have access to Restricted Data (see definition in 42 U.S.C. 2014) under certain circumstances. The Atomic Energy Commission was abolished and its functions were transferred by 42 U.S.C. 5814 and 5841. The National Aeronautics and Space Council (which was established under section 201(a) of the National Aeronautics and Space Act of 1958 (Public Law 85-568, 72 Stat. 427)), including the office of Executive Secretary of the Council, together with its functions, was abolished by section 3(a)(4) of Reorg. Plan No. 1 of 1973 (eff. July 1, 1973, 87 Stat. 1089).
42 U.S.C. 2456 .....	51 U.S.C. 333
42 U.S.C. 2456a .....	51 U.S.C. 334
42 U.S.C. 2457 .....	51 U.S.C. 335
42 U.S.C. 2458 .....	51 U.S.C. 336
42 U.S.C. 2458a .....	51 U.S.C. 337
42 U.S.C. 2458b .....	51 U.S.C. 338
42 U.S.C. 2458c .....	51 U.S.C. 339
42 U.S.C. 2459 .....	51 U.S.C. 340
42 U.S.C. 2459a .....	Not repealed but omitted from text of title 51. Provides that certain appropriations authorized under the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (Public Law 102-588), may remain available until expended and that certain contracts may be entered into and certain costs provided during the fiscal year following the fiscal year in which funds are appropriated.
42 U.S.C. 2459b .....	51 U.S.C. 341
42 U.S.C. 2459c .....	51 U.S.C. 342
42 U.S.C. 2459d .....	51 U.S.C. 511
42 U.S.C. 2459e .....	51 U.S.C. 512
42 U.S.C. 2459f .....	51 U.S.C. 343
42 U.S.C. 2459g .....	51 U.S.C. 531
42 U.S.C. 2459h .....	51 U.S.C. 532(b)
42 U.S.C. 2459i .....	51 U.S.C. 502
42 U.S.C. 2459j .....	51 U.S.C. 344
42 U.S.C. 2460 .....	51 U.S.C. 501
42 U.S.C. 2461 .....	51 U.S.C. 541
42 U.S.C. 2462 .....	Previously repealed.
42 U.S.C. 2463 .....	51 U.S.C. 513
42 U.S.C. 2464 .....	51 U.S.C. 551
42 U.S.C. 2464a .....	51 U.S.C. 552
42 U.S.C. 2465 .....	Previously repealed.
42 U.S.C. 2465a(a) .....	51 U.S.C. 553(a)
42 U.S.C. 2465a(b) .....	Repealed as obsolete. Required the Administrator of the National Aeronautics and Space Administration, within six months after November 16, 1990, to submit a report to Congress setting forth a plan to implement the policy described in subsection (a)(1).
42 U.S.C. 2465a(c) .....	51 U.S.C. 553(b)
42 U.S.C. 2465a(d) .....	51 U.S.C. 553(c)
42 U.S.C. 2465b .....	Previously repealed.
42 U.S.C. 2465c .....	51 U.S.C. 554(a)
42 U.S.C. 2465d .....	Previously repealed.
42 U.S.C. 2465e .....	Previously repealed.
42 U.S.C. 2465f .....	51 U.S.C. 554(b)
42 U.S.C. 2466 .....	51 U.S.C. 561
42 U.S.C. 2466a .....	51 U.S.C. 562
42 U.S.C. 2466b .....	51 U.S.C. 563
42 U.S.C. 2466c .....	51 U.S.C. 564

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 2467 .....	51 U.S.C. 571
42 U.S.C. 2467a .....	51 U.S.C. 572
42 U.S.C. 2467b .....	51 U.S.C. 573
42 U.S.C. 2471 (prior) .....	Repealed as obsolete. Section 201 of the National Aeronautics and Space Act of 1958 (Public Law 85-568), which was classified to prior 42 U.S.C. 2471, established the National Aeronautics and Space Council. The provision is obsolete because section 3(a)(4) of Reorg. Plan No. 1 of 1973, 38 F.R. 9579, 87 Stat. 1089, set out in the Appendix to Title 5, Government Organization and Employees, abolished the National Aeronautics and Space Council, including the office of Executive Secretary of the Council, together with its functions, effective July 1, 1973.
42 U.S.C. 2471 .....	Not repealed but omitted from text of title 51. Provides for establishment of the National Space Council. The National Space Council has not functioned or been staffed since 1993.
42 U.S.C. 2471a .....	Not repealed but omitted from text of title 51. Provides that the National Space Council (see item for 42 U.S.C. 2471 in this table) shall establish a Users' Advisory Group.
42 U.S.C. 2472 .....	51 U.S.C. 311
42 U.S.C. 2473(a), (b) .....	51 U.S.C. 312
42 U.S.C. 2473(c) .....	51 U.S.C. 313
42 U.S.C. 2473a .....	Previously repealed.
42 U.S.C. 2473b (1st par.) .....	51 U.S.C. 514
42 U.S.C. 2473b (last par.) .....	Repealed as obsolete. Required the Administrator of the National Aeronautics and Space Administration to submit within one year from November 9, 1989, a plan describing the process to be followed to achieve the goal under the first paragraph of 42 U.S.C. 2473b.
42 U.S.C. 2473c(a) .....	Repealed as unnecessary. Provided a short title for section 21 of Public Law 102-195 (42 U.S.C. 2473c).
42 U.S.C. 2473c(b) to (h) .....	51 U.S.C. 581
42 U.S.C. 2473d .....	51 U.S.C. 533
42 U.S.C. 2473e .....	51 U.S.C. 574
42 U.S.C. 2474 .....	Repealed as obsolete. Established the Civilian-Military Liaison Committee. The Committee was abolished and its functions, together with the functions of its chairman and other officers, were transferred to the President of the United States by sections 1(e) and 3(a) of Reorg. Plan No. 4 of 1965, effective July 27, 1965, 30 F.R. 9353, 79 Stat. 1321, set out in the Appendix to Title 5, Government Organization and Employees.
42 U.S.C. 2475 .....	51 U.S.C. 314
42 U.S.C. 2475a .....	51 U.S.C. 591
42 U.S.C. 2475b .....	51 U.S.C. 515
42 U.S.C. 2476 .....	51 U.S.C. 315
42 U.S.C. 2476a .....	51 U.S.C. 316
42 U.S.C. 2476b .....	Repealed as obsolete. Authorized the Administrator of the National Aeronautics and Space Administration to accept gifts and donations of services, money, and property to be used for construction of a space shuttle orbiter. The authority of the Administrator to accept gifts or donations terminated five years after October 30, 1987.
42 U.S.C. 2477 .....	51 U.S.C. 582
42 U.S.C. 2481 .....	51 U.S.C. 361
42 U.S.C. 2482 .....	51 U.S.C. 362
42 U.S.C. 2483 .....	51 U.S.C. 363
42 U.S.C. 2484 .....	51 U.S.C. 364
42 U.S.C. 2486 .....	51 U.S.C. 701
42 U.S.C. 2486 note (Public Law 100-147, § 201) .....	Repealed as unnecessary. Provided a short title for title II of Public Law 100-147.
42 U.S.C. 2486a .....	51 U.S.C. 702

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 2486b .....	51 U.S.C. 703
42 U.S.C. 2486c .....	51 U.S.C. 704
42 U.S.C. 2486d .....	51 U.S.C. 705
42 U.S.C. 2486e .....	51 U.S.C. 706
42 U.S.C. 2486f .....	51 U.S.C. 707
42 U.S.C. 2486g .....	51 U.S.C. 708
42 U.S.C. 2486h .....	51 U.S.C. 709
42 U.S.C. 2486i .....	51 U.S.C. 710
42 U.S.C. 2486j .....	Previously repealed.
42 U.S.C. 2486k .....	51 U.S.C. 711
42 U.S.C. 2486l .....	Repealed as obsolete. Authorized appropriations for fiscal years 1988, 1989, 1990, and 1991.
42 U.S.C. 2487 .....	51 U.S.C. 901
42 U.S.C. 2487a .....	51 U.S.C. 902
42 U.S.C. 2487b .....	51 U.S.C. 903
42 U.S.C. 2487c .....	51 U.S.C. 904
42 U.S.C. 2487d .....	Previously repealed.
42 U.S.C. 2487e .....	51 U.S.C. 905
42 U.S.C. 2487f .....	51 U.S.C. 906
42 U.S.C. 2487g .....	Repealed as obsolete. Provided that the Administrator of the National Aeronautics and Space Administration should ensure that up to \$3,750,000 from the appropriations authorized for "Research and Development" for fiscal year 1993 were also used to carry out title VI of Public Law 102-588.
42 U.S.C. 14701 .....	51 U.S.C. 1301
42 U.S.C. 14701 note (Public Law 105-303, § 1(a)) .....	Repealed as unnecessary. Provided a short title for Public Law 105-303.
42 U.S.C. 14701 note (Public Law 107-248, § 901) .....	Repealed as unnecessary. Provided a short title for title IX of Public Law 107-248.
42 U.S.C. 14711(a) .....	51 U.S.C. 1311
42 U.S.C. 14711(b) .....	Repealed as obsolete. Required the Administrator of the National Aeronautics and Space Administration to deliver various studies and reports to Congress. The last report was required to be delivered no later than the submission of the President's annual budget request for fiscal year 2000.
42 U.S.C. 14712 .....	51 U.S.C. 1312
42 U.S.C. 14713 .....	51 U.S.C. 1313
42 U.S.C. 14714 .....	51 U.S.C. 1314
42 U.S.C. 14715(a) .....	51 U.S.C. 1315(a)
42 U.S.C. 14715(b) .....	51 U.S.C. 1315(b)
42 U.S.C. 14715(c) .....	Repealed as obsolete. Required the Administrator of the National Aeronautics and Space Administration to conduct a study to determine the extent to which the baseline scientific requirements of Earth Science can be met by commercial providers. The results of the study were required to be transmitted to Congress within six months after October 28, 1998.
42 U.S.C. 14715(d) .....	51 U.S.C. 1315(c)
42 U.S.C. 14715(e) .....	51 U.S.C. 1315(d)
42 U.S.C. 14731 .....	51 U.S.C. 1331
42 U.S.C. 14732 .....	51 U.S.C. 1332
42 U.S.C. 14733(a) .....	51 U.S.C. 1333

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 14733(b), (c) .....	Repealed as obsolete. Subsection (b) required the Administrator of the National Aeronautics and Space Administration to conduct a study of the feasibility of implementing the recommendation of the Independent Shuttle Management Review Team that the National Aeronautics and Space Administration transition toward the privatization of the Space Shuttle. Subsection (c) required that, within 60 days after October 28, 1998, the National Aeronautics and Space Administration complete the study and submit a report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science of the House of Representatives.
42 U.S.C. 14734 .....	51 U.S.C. 1334
42 U.S.C. 14735 .....	51 U.S.C. 1335
42 U.S.C. 14751 .....	51 U.S.C. 1501
42 U.S.C. 14752 .....	51 U.S.C. 1503
42 U.S.C. 14753 .....	51 U.S.C. 1502

## SECTION-BY-SECTION EXPLANATION

## SECTION 1—TABLE OF CONTENTS

Section 1 of the bill provides a table of contents for the Act.

## SECTION 2—PURPOSE; CONFORMITY WITH ORIGINAL INTENT

Section 2(a) of the bill provides that the purpose is to codify certain existing laws related to national and commercial space programs as a positive law title of the United States Code.

Section 2(b) of the bill provides a statement of intent with respect to the codification of existing law (see “Conformity With Original Intent” above).

## SECTION 3—ENACTMENT OF TITLE 51, UNITED STATES CODE

Section 3 of the bill enacts title 51, United States Code. For each section of title 51, the source provision citations, along with any revision notes, are set out below.

## TITLE 51—NATIONAL AND COMMERCIAL SPACE PROGRAMS

Chapter	Sec.
1. <b>Definitions</b> .....	<b>101</b>
3. <b>National Aeronautics and Space Program</b> .....	<b>301</b>
5. <b>Adjunct National Space Program Provisions</b> .....	<b>501</b>



<b>7. National Space Grant College and Fellowship Program .....</b>	<b>701</b>
<b>9. Biomedical Research in Space .....</b>	<b>901</b>
<b>11. Land Remote Sensing Policy .....</b>	<b>1101</b>
<b>13. Space Commerce .....</b>	<b>1301</b>
<b>15. Commercial Reusable In-Space Transportation .....</b>	<b>1501</b>
<b>17. Commercial Space Competitiveness .....</b>	<b>1701</b>

## CHAPTER 1—DEFINITIONS

Sec.

101. Definitions.

### SECTION 101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
101 .....	(no source)	

Title-wide definitions for the terms “Administration” and “Administrator” are added for clarity and convenience.

## CHAPTER 3—NATIONAL AERONAUTICS AND SPACE PROGRAM

### SUBCHAPTER I—SHORT TITLE, DECLARATION OF POLICY, AND DEFINITIONS

Sec.

301. Short title.

302. Congressional declaration of policy and purpose.

303. Definitions.

### SUBCHAPTER II—COORDINATION OF AERONAUTICAL AND SPACE ACTIVITIES

311. National Aeronautics and Space Administration.

312. Functions of the Administration.

313. Powers of the Administration in performance of functions.

314. International cooperation.

315. Reports to Congress.

316. Disposal of excess land.

### SUBCHAPTER III—GENERAL ADMINISTRATIVE PROVISIONS

331. Public access to information.

332. Security requirements.

333. Permission to carry firearms.

334. Arrest authority.

335. Property rights in inventions.

336. Contributions awards.

337. Malpractice and negligence suits against United States.

338. Insurance and indemnification.

339. Insurance for experimental aerospace vehicles.

340. Appropriations.

341. Misuse of agency name and initials.

342. Contracts regarding expendable launch vehicles.

343. Full cost appropriations account structure.

344. Enhanced-use lease of real property demonstration.

### SUBCHAPTER IV—UPPER ATMOSPHERE RESEARCH

361. Congressional declaration of purpose and policy.

362. Definition of upper atmosphere.

363. Program authorized.

364. International cooperation.

SUBCHAPTER I—SHORT TITLE, DECLARATION OF POLICY,  
AND DEFINITIONS

## SECTION 301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
301 .....	(no source)	

Chapter 3 of title 51 restates the National Aeronautics and Space Act of 1958. Although short titles are generally eliminated as unnecessary in positive law titles of the United States Code, in this case it was suggested that the short title “National Aeronautics and Space Act” be provided for convenience.

## SECTION 302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
302 .....	42 U.S.C. 2451.	Pub. L. 85-568, title I, § 102, July 29, 1958, 72 Stat. 426; Pub. L. 94-413, § 15(a), (b), Sept. 17, 1976, 90 Stat. 1270; Pub. L. 95-238, title III, § 311, Feb. 25, 1978, 92 Stat. 83; Pub. L. 95-401, § 7, Sept. 30, 1978, 92 Stat. 860; Pub. L. 98-361, title I, § 110, July 16, 1984, 98 Stat. 426; Pub. L. 100-685, title II, § 214, Nov. 17, 1988, 102 Stat. 4093; Pub. L. 106-391, title III, § 302(a), Oct. 30, 2000, 114 Stat. 1591.

In subsection (b), the words “in conformity with section 201(e)”, which appeared at the end of subsection (b), are omitted as obsolete. Section 201 of Public Law 85-568, as amended, which was classified to former section 2471 of title 42 (last appearing in the 1970 edition of the Code), established the National Aeronautics and Space Council, with the functions of the Council specified in section 201(e). Those functions included advising the President “as he may request” with respect to promoting cooperation and resolving differences among agencies of the United States engaged in aeronautical and space activities. The words are obsolete because section 3(a)(4) of Reorganization Plan No. 1 of 1973, set out in the Appendix to title 5, abolished the National Aeronautics and Space Council, including the office of Executive Secretary of the Council, together with its functions.

In subsection (c), the words “(as established by title II of this Act)”, which appeared after “Administration”, are omitted as unnecessary.

In subsection (d), the word “and”, appearing at the end of paragraph (8), is omitted as unnecessary because of the introductory words “one or more of the following”.

## SECTION 303

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
303 .....	42 U.S.C. 2452.	Pub. L. 85-568, title I, § 103, July 29, 1958, 72 Stat. 427; Pub. L. 98-52, title I, § 108, July 15, 1983, 97 Stat. 285.

In paragraph (1)(A), the word “Earth’s” is capitalized for consistency in title 51.

## SUBCHAPTER II—COORDINATION OF AERONAUTICAL AND SPACE ACTIVITIES

## SECTION 311

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
311 .....	42 U.S.C. 2472.	Pub. L. 85-568, title II, § 202, July 29, 1958, 72 Stat. 429; Pub. L. 88-426, title III, § 305(12), Aug. 14, 1964, 78 Stat. 423.

## SECTION 312

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
312 .....	42 U.S.C. 2473(a), (b).	Pub. L. 85-568, title II, § 203(a), (b), July 29, 1958, 72 Stat. 429; Pub. L. 93-409, § 4, Sept. 3, 1974, 88 Stat. 1070; Pub. L. 94-413, § 15(c), Sept. 17, 1976, 90 Stat. 1270; Pub. L. 95-401, § 6, Sept. 30, 1978, 92 Stat. 860; Pub. L. 101-611, title I, § 107, Nov. 16, 1990, 104 Stat. 3197.

## SECTION 313

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
313 .....	42 U.S.C. 2473(c).	Pub. L. 85-568, title II, § 203(c), formerly § 203(b), July 29, 1958, 72 Stat. 429; Pub. L. 86-20, May 13, 1959, 73 Stat. 21; Pub. L. 86-481, § 5, June 1, 1960, 74 Stat. 153; Pub. L. 87-367, title II, § 206(a), Oct. 4, 1961, 75 Stat. 791; Pub. L. 87-584, § 6, Aug. 14, 1962, 76 Stat. 384; Pub. L. 87-793, § 1001(f), Oct. 11, 1962, 76 Stat. 864; Pub. L. 88-426, title III, § 306(d), Aug. 14, 1964, 78 Stat. 429; Pub. L. 88-448, title IV, § 402(a)(34), Aug. 10, 1964, 78 Stat. 495; Pub. L. 91-646, title II, § 220(a)(2), Jan. 2, 1971, 84 Stat. 1903; Pub. L. 93-74, § 6, July 23, 1973, 87 Stat. 174; Pub. L. 93-316, § 6, June 22, 1974, 88 Stat. 243; renumbered § 203(c), Pub. L. 93-409, § 4, Sept. 3, 1974, 88 Stat. 1070; Pub. L. 96-48, § 6(a), Aug. 8, 1979, 93 Stat. 348; Pub. L. 108-201, § 2(a), Feb. 24, 2004, 118 Stat. 461.

In subsection (b), in the matter before paragraph (1), the words “chapter 51 and subchapter III of chapter 53 of title 5” are sub-

stituted for “the Classification Act of 1949, as amended” on authority of section 7(b) of Public Law 89–554 (80 Stat. 631), the first section of which enacted Title 5, Government Organization and Employees.

In subsection (c)(2), the words “section 8141 of title 40” are substituted for “the Act of March 3, 1877 (40 U.S.C. 34)” on authority of section 5(c) of Public Law 107–217 (116 Stat. 1303), the first section of which enacted Title 40, Public Buildings, Property, and Works.

In subsection (c)(4), the words “in accordance with the provisions of chapters 1 to 11 of title 40 and in accordance with title III of the Federal Property and Administrative Services Act of 1949 (41 U.S.C. 251 et seq.)” are substituted for “in accordance with the provisions of the Federal Property and Administrative Services Act of 1949, as amended (40 U.S.C. 471 et seq.)” on authority of section 5(c) of Public Law 107–217 (116 Stat. 1303), the first section of which enacted Title 40, Public Buildings, Property, and Works.

In subsection (e), the words “subsections (a) and (b) of section 3324 of title 31” are substituted for “section 3648 of the Revised Statutes, as amended (31 U.S.C. 529)” on authority of section 4(b) of Public Law 97–258 (96 Stat. 1067), the first section of which enacted Title 31, Money and Finance.

In subsection (i), the words “maximum rate payable under section 5376 of title 5” are substituted for “rate for GS–18” because of section 101(c) of the Federal Employees Pay Comparability Act of 1990 (enacted by § 529 of Public Law 101–509, 5 U.S.C. 5376 note).

In subsection (k)(1), the words “section 1302 of title 40” are substituted for “section 321 of the Act of June 30, 1932 (47 Stat. 412; 40 U.S.C. 303b)” on authority of section 5(c) of Public Law 107–217 (116 Stat. 1303), the first section of which enacted Title 40, Public Buildings, Property, and Works.

## SECTION 314

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
314 .....	42 U.S.C. 2475.	Pub. L. 85–568, title II, § 205, July 29, 1958, 72 Stat. 432.

## SECTION 315

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
315 .....	42 U.S.C. 2476.	Pub. L. 85–568, title II, § 206, July 29, 1958, 72 Stat. 432; Pub. L. 92–68, § 7, Aug. 6, 1971, 85 Stat. 177; Pub. L. 106–391, title III, § 302(b), Oct. 30, 2000, 114 Stat. 1591.

In subsections (a)(2) and (b), the words “section 102(c) of this Act”, which appear in section 206 of Public Law 85–568 (72 Stat. 432), are treated as referring to section 102(d), rather than section 102(c), of Public Law 85–568 because of the redesignation done by section 110(a)(2) of the National Aeronautics and Space Adminis-

tration Authorization Act, 1985 (Public Law 98–361, 98 Stat. 426). Section 102(d) of Public Law 85–568 is restated as section 302(d) of title 51.

## SECTION 316

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
316 .....	42 U.S.C. 2476a.	Pub. L. 85–568, title II, § 207, as added Pub. L. 93–74, § 7, July 23, 1973, 87 Stat. 175; amended Pub. L. 103–437, § 15(j), Nov. 2, 1994, 108 Stat. 4593.

In paragraph (1), the words “Committee on Science” are substituted for “Committee on Science, Space, and Technology” because of section 1(a)(10) of Public Law 104–14 (109 Stat. 187).

## SUBCHAPTER III—GENERAL ADMINISTRATIVE PROVISIONS

## SECTION 331

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
331(a) .....	42 U.S.C. 2454(a) (words before proviso).	Pub. L. 85–568, title III, § 303, July 29, 1958, 72 Stat. 433; Pub. L. 102–588, title V, § 509, Nov. 4, 1992, 106 Stat. 5129.
331(b) .....	42 U.S.C. 2454(b).	
331(c) .....	42 U.S.C. 2454(a) (proviso).	

## SECTION 332

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
332 .....	42 U.S.C. 2455(a).	Pub. L. 85–568, title III, § 304(a), July 29, 1958, 72 Stat. 433; 1978 Reorg. Plan No. 2, § 102, eff. Jan. 1, 1979, 43 F.R. 36037, 92 Stat. 3783.

The words “Director of the Office of Personnel Management” are substituted for “Civil Service Commission” because of section 102 of Reorganization Plan No. 2 of 1978 (eff. Jan. 1, 1979, 92 Stat. 3783).

## SECTION 333

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
333 .....	42 U.S.C. 2456.	Pub. L. 85–568, title III, § 304(e), July 29, 1958, 72 Stat. 435.

## SECTION 334

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
334 .....	42 U.S.C. 2456a.	Pub. L. 85-568, title III, § 304(f), as added Pub. L. 100-685, title II, § 206, Nov. 17, 1988, 102 Stat. 4090.

## SECTION 335

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
335 .....	42 U.S.C. 2457.	Pub. L. 85-568, title III, § 305, July 29, 1958, 72 Stat. 435; Pub. L. 96-517, § 7(b), Dec. 12, 1980, 94 Stat. 3027; Pub. L. 97-96, § 7, Dec. 21, 1981, 95 Stat. 1210; Pub. L. 97-164, title I, § 162(3), Apr. 2, 1982, 96 Stat. 49; Pub. L. 98-622, title II, § 205(c), Nov. 8, 1984, 98 Stat. 3388; Pub. L. 106-113, div. B, § 1000(a)(9) [title IV, § 4732(b)(20)], Nov. 29, 1999, 113 Stat. 1536, 1501A-585.

## SECTION 336

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
336(a) .....	42 U.S.C. 2458(a).	Pub. L. 85-568, title III, § 306, July 29, 1958, 72 Stat. 437.
336(b) .....	42 U.S.C. 2458(b) (1st sentence).	
336(c) .....	42 U.S.C. 2458(b) (par. (1) of last sentence).	
336(d) .....	42 U.S.C. 2458(b) (par. (2) of last sentence).	

In subsections (c) and (d), the words “No award may be made under subsection (a)” are substituted for “No award may be made under subsection (a) with respect to any contribution” for clarity and to eliminate unnecessary words.

## SECTION 337

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
337 .....	42 U.S.C. 2458a.	Pub. L. 85-568, title III, § 307, as added Pub. L. 94-464, § 3, Oct. 8, 1976, 90 Stat. 1988.

In subsection (a), the word “hereafter” is omitted as unnecessary.

In subsection (b), in the last sentence, commas are added after “brought” and “Attorney General” for clarity.

In subsection (e), the words “wrongful act or omission” are substituted for “wrongful act of omission” to correct an error in the law.

## SECTION 338

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
338 .....	42 U.S.C. 2458b.	Pub. L. 85-568, title III, § 308, as added Pub. L. 96-48, § 6(b)(2), Aug. 8, 1979, 93 Stat. 348.

## SECTION 339

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
339 .....	42 U.S.C. 2458c.	Pub. L. 85-568, title III, § 309, formerly title III, as added Pub. L. 106-74, title IV, § 435(a), Oct. 20, 1999, 113 Stat. 1097; designated § 309 and amended Pub. L. 106-391, title III, § 324(a)(2), (b), Oct. 30, 2000, 114 Stat. 1599, 1600.

In subsection (d)(3), the words “without regard to the date on which the Administration entered into the waiver” are substituted for “without regard to whether it was entered into before, on, or after the date of enactment of this Act” to avoid an ambiguity in the law. Literally, the words “the date of enactment of this Act” mean July 29, 1958, the date of enactment of Public Law 85-568. However, the intended meaning of the words “the date of enactment of this Act” is probably October 20, 1999, the date of enactment of Public Law 106-74. The question as to which date is actually intended is rendered inconsequential by the words “before, on, or after”.

## SECTION 340

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
340 .....	42 U.S.C. 2459.	Pub. L. 85-568, title III, § 310, formerly § 307, July 29, 1958, 72 Stat. 438; Pub. L. 88-113, § 6, Sept. 6, 1963, 77 Stat. 144; renumbered § 308, Pub. L. 94-464, § 3, Oct. 8, 1976, 90 Stat. 1988; renumbered § 309, Pub. L. 96-48, § 6(b)(1), Aug. 8, 1979, 93 Stat. 348; renumbered § 310, Pub. L. 106-391, title III, § 324(a)(1), Oct. 30, 2000, 114 Stat. 1599.

## SECTION 341

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
341 .....	42 U.S.C. 2459b.	Pub. L. 85-568, title III, § 311, formerly § 310, as added Pub. L. 98-52, title I, § 107, July 15, 1983, 97 Stat. 284; renumbered § 311, Pub. L. 106-391, title III, § 324(a)(1), Oct. 30, 2000, 114 Stat. 1599.

## SECTION 342

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
342 .....	42 U.S.C. 2459c.	Pub. L. 85-568, title III, § 312, formerly § 311, as added Pub. L. 100-147, title I, § 117, Oct. 30, 1987, 101 Stat. 867; renumbered § 312, Pub. L. 106-391, title III, § 324(a)(1), Oct. 30, 2000, 114 Stat. 1599.

In subsection (a), the word “expendable” is substituted for “expendabe” to correct an error in the law.

## SECTION 343

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
343 .....	42 U.S.C. 2459f.	Pub. L. 85-568, title III, § 313, formerly § 312, as added Pub. L. 106-377, § 1(a)(1) [title IV, § 431], Oct. 27, 2000, 114 Stat. 1441, 1441A-56; renumbered § 313 and amended, Pub. L. 108-199, div. G, title IV, § 417, Jan. 23, 2004, 118 Stat. 415; Pub. L. 108-447, div. I, title IV, § 417, Dec. 8, 2004, 118 Stat. 3339.

In subsection (a), the words “for fiscal year 2005 and thereafter” are omitted as unnecessary.

## SECTION 344

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
344 .....	42 U.S.C. 2459j.	Pub. L. 85-568, title III, § 315, as added Pub. L. 108-7, div. K, title IV, § 418, Feb. 20, 2003, 117 Stat. 525.

## SUBCHAPTER IV—UPPER ATMOSPHERE RESEARCH

## SECTION 361

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
361 .....	42 U.S.C. 2481.	Pub. L. 85-568, title IV, § 401, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 222.

## SECTION 362

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
362 .....	42 U.S.C. 2482.	Pub. L. 85-568, title IV, § 402, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 222.



## SECTION 363

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
363 .....	42 U.S.C. 2483.	Pub. L. 85-568, title IV, § 403, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 222.

## SECTION 364

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
364 .....	42 U.S.C. 2484.	Pub. L. 85-568, title IV, § 404, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 223.

## CHAPTER 5—ADJUNCT NATIONAL SPACE PROGRAM PROVISIONS

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## SUBCHAPTER I—APPROPRIATIONS AND FUNDS

## SECTION 501

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
501 .....	42 U.S.C. 2460.	Pub. L. 86–45, § 4, June 15, 1959, 73 Stat. 75.

The word “hereafter” is omitted as unnecessary.

## SECTION 502

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
502 .....	42 U.S.C. 2459i.	Pub. L. 108–7, div. K, title III, (4th par. on p. 520), Feb. 20, 2003, 117 Stat. 520.

## SUBCHAPTER II—CONTRACT AND LEASE AUTHORITY

## SECTION 511

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
511 .....	42 U.S.C. 2459d.	Pub. L. 102–139, title III, (1st par. under heading “Administrative Provisions”), Oct. 28, 1991, 105 Stat. 771.

The words “in this or any other Act with respect to any fiscal year” are omitted as unnecessary.

## SECTION 512

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
512 .....	42 U.S.C. 2459e.	Pub. L. 102–195, § 19, Dec. 9, 1991, 105 Stat. 1615.

In subsection (a), the date “December 9, 1991” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1992 (Public Law 102–195, 105 Stat. 1605).

In subsection (a), the words “that has been submitted to Congress as provided” are substituted for “described” for clarity.

## SECTION 513

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
513(a) .....	42 U.S.C. 2463 (1st par.).	Pub. L. 95–76, § 6, July 30, 1977, 91 Stat. 315; Pub. L. 103–437, § 15(c)(3), Nov. 2, 1994, 108 Stat. 4592.
513(b) .....	42 U.S.C. 2463 (last par.).	

In subsection (b), the words “Committee on Science” are substituted for “Committee on Science, Space, and Technology” because of section 1(a)(10) of Public Law 104–14 (109 Stat. 187).

In subsection (b), the word “hereafter” is omitted as unnecessary.

## SECTION 514

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
514 .....	42 U.S.C. 2473b (1st par.).	Pub. L. 101–144, title III, (last par. beginning on p. 863), Nov. 9, 1989, 103 Stat. 863.

## SECTION 515

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
515 .....	42 U.S.C. 2475b.	Pub. L. 106–391, title III, § 305, Oct. 30, 2000, 114 Stat. 1592.

## SUBCHAPTER III—COST EFFECTIVENESS

## SECTION 531

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
531 .....	42 U.S.C. 2459g.	Pub. L. 106–391, title III, § 301, Oct. 30, 2000, 114 Stat. 1591.

In subsection (b), in the last sentence, the word “experts” is substituted for “expertise” for clarity.

## SECTION 532

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
532(a) .....	(no source)	Pub. L. 106–391, title III, § 304, Oct. 30, 2000, 114 Stat. 1592.
532(b) .....	42 U.S.C. 2459h.	

Subsection (a) is added to carry forward the applicable definition.

## SECTION 533

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
533 .....	42 U.S.C. 2473d.	Pub. L. 106-391, title III, § 325, Oct. 30, 2000, 114 Stat. 1600.

## SUBCHAPTER IV—AWARDS

## SECTION 541

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
541(a) .....	42 U.S.C. 2461 (1st par.).	Pub. L. 91-76, § 1, Sept. 29, 1969, 83 Stat. 124.
541(b) .....	42 U.S.C. 2461 (last par.).	Pub. L. 91-76, § 2, Sept. 29, 1969, 83 Stat. 124.

SUBCHAPTER V—USE OF SPACE SHUTTLE OR  
ALTERNATIVES

## SECTION 551

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
551 .....	42 U.S.C. 2464.	Pub. L. 97-324, title I, § 106(a), Oct. 15, 1982, 96 Stat. 1600.

## SECTION 552

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
552 .....	42 U.S.C. 2464a.	Pub. L. 99-190, § 101(b) [title VIII, § 8111], Dec. 19, 1985, 99 Stat. 1185, 1222.

## SECTION 553

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
553(a) .....	42 U.S.C. 2465a(a).	Pub. L. 101-611, title I, § 112(a), (c), (d), Nov. 16, 1990, 104 Stat. 3198, 3199.
553(b) .....	42 U.S.C. 2465a(c).	
553(c) .....	42 U.S.C. 2465a(d).	

## SECTION 554

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
554(a) .....	42 U.S.C. 2465c.	Pub. L. 101-611, title II, § 203, Nov. 16, 1990, 104 Stat. 3206; Pub. L. 105-303, title II, § 203(2), Oct. 28, 1998, 112 Stat. 2855.
554(b) .....	42 U.S.C. 2465f.	

In subsection (a), the words “this section” are substituted for “this title”, meaning title II of Public Law 101–611, because title II of Public Law 101–611 was previously repealed except for section 201 (a short title provision, classified to 42 U.S.C. 2451 note, in which neither defined term appears) and sections 203 (42 U.S.C. 2465c) and 206 (42 U.S.C. 2465f) of Public Law 101–611, which are restated in this section.

## SUBCHAPTER VI—SHUTTLE PRICING POLICY FOR COMMERCIAL AND FOREIGN USERS

### SECTION 561

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
561 .....	42 U.S.C. 2466.	Pub. L. 99–170, title II, § 201, Dec. 5, 1985, 99 Stat. 1017.

### SECTION 562

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
562 .....	42 U.S.C. 2466a.	Pub. L. 99–170, title II, § 202, Dec. 5, 1985, 99 Stat. 1017.

### SECTION 563

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
563 .....	42 U.S.C. 2466b.	Pub. L. 99–170, title II, § 203, Dec. 5, 1985, 99 Stat. 1017.

The definition of “Administrator” in section 203(1) of the National Aeronautics and Space Administration Authorization Act of 1986 (Public Law 99–170, 99 Stat. 1017) is omitted as unnecessary because of the definition added by section 101 of title 51.

### SECTION 564

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
564 .....	42 U.S.C. 2466c.	Pub. L. 99–170, title II, § 204, Dec. 5, 1985, 99 Stat. 1017; Pub. L. 103–437, § 15(c)(5), Nov. 2, 1994, 108 Stat. 4592.

In subsections (b) and (c)(1), the words “Committee on Science” are substituted for “Committee on Science, Space, and Technology” because of section 1(a)(10) of Public Law 104–14 (109 Stat. 187).

## SUBCHAPTER VII—EDUCATION AND RESEARCH

## SECTION 571

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
571 .....	42 U.S.C. 2467.	Pub. L. 100–404, title II, (par. under heading “Science, Space, and Technology Education Trust Fund”), Aug. 19, 1988, 102 Stat. 1028; Pub. L. 103–327, title III, Sept. 28, 1994, 108 Stat. 2328.

In the first sentence, the words “the Department of Housing and Urban Development—Independent Agencies Appropriations Act, 1989 (Public Law 100–404, 102 Stat. 1014)” are substituted for “this Act” to clarify the reference.

In the second sentence, the words “of the Treasury” are inserted after “the Secretary” for clarity.

In the sixth sentence, the word “hereafter”, which appeared after “each calendar quarter”, is omitted as unnecessary.

## SECTION 572

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
572 .....	42 U.S.C. 2467a.	Pub. L. 102–195, §20, Dec. 9, 1991, 105 Stat. 1615.

In subsection (a), the words “The Trust Fund shall consist of amounts” are substituted for “The Trust Fund shall consist of gifts and donations accepted by the National Aeronautics and Space Administration pursuant to section 208 of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2476b), as well as other amounts” because the Administration’s authority to accept gifts or donations under section 208 of the National Aeronautics and Space Act of 1958, terminated 5 years after October 30, 1987.

## SECTION 573

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
573 .....	42 U.S.C. 2467b.	Pub. L. 102–588, title III, §304, Nov. 4, 1992, 106 Stat. 5120.

## SECTION 574

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
574 .....	42 U.S.C. 2473e.	Pub. L. 108–176, title VII, §703, Dec. 12, 2003, 117 Stat. 2579.

## SUBCHAPTER VIII—SAFETY

## SECTION 581

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
581 .....	42 U.S.C. 2473c(b) to (h).	Pub. L. 102–195, § 21(b) to (h), Dec. 9, 1991, 105 Stat. 1616.

In subsection (c)(2), the words “within 18 months after the date of enactment of this Act” are omitted as obsolete.

In paragraphs (1) and (2) of subsection (d), and in subsection (g)(2), the date “December 9, 1991” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1992 (Public Law 102–195, 105 Stat. 1605).

## SECTION 582

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
582(a) .....	42 U.S.C. 2477 (1st, last sentences).	Pub. L. 90–67, § 6, Aug. 21, 1967, 81 Stat. 170; Pub. L. 94–307, § 8, June 4, 1976, 90 Stat. 681; Pub. L. 99–234, title I, § 107(f), Jan. 2, 1986, 99 Stat. 1759.
582(b) .....	42 U.S.C. 2477 (3d sentence).	
582(c) .....	42 U.S.C. 2477 (2d sentence).	
582(d) .....	42 U.S.C. 2477 (4th, 5th sentences).	

In subsection (d)(1)(B), the words “maximum rate payable under section 5376 of title 5” are substituted for “rate for GS–18” because of section 101(c) of the Federal Employees Pay Comparability Act of 1990 (Public Law 101–509, 5 U.S.C. 5376 note).

## SUBCHAPTER IX—COMPETITIVENESS AND INTERNATIONAL COOPERATION

## SECTION 591

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
591 .....	42 U.S.C. 2475a.	Pub. L. 106–391, title I, § 126, Oct. 30, 2000, 114 Stat. 1585.

In subsection (b), the words “of the National Aeronautics and Space Administration Authorization Act of 2000 (Public Law 106–391, 114 Stat. 1578)” are added to clarify the reference.

**CHAPTER 7—NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM**

- Sec.
- 701. Congressional statement of findings.
  - 702. Congressional statement of purposes.
  - 703. Definitions.
  - 704. National space grant college and fellowship program.

- 705. Grants or contracts.
- 706. Specific national needs.
- 707. Space grant college and space grant regional consortium.
- 708. Space grant fellowship program.
- 709. Space grant review panel.
- 710. Availability of other Federal personnel and data.
- 711. Designation or award to be on competitive basis.

## SECTION 701

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
701 .....	42 U.S.C. 2486.	Pub. L. 100-147, title II, § 202, Oct. 30, 1987, 101 Stat. 869.

## SECTION 702

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
702 .....	42 U.S.C. 2486a.	Pub. L. 100-147, title II, § 203, Oct. 30, 1987, 101 Stat. 869.

In paragraph (3), the word “that” is substituted for “, to” for clarity.

In paragraph (4), the words “in order to” are substituted for “to”, and the words “through such consortia” are added, for clarity.

## SECTION 703

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
703 .....	42 U.S.C. 2486b.	Pub. L. 100-147, title II, § 204, Oct. 30, 1987, 101 Stat. 870.

The definitions of “Administration” and “Administrator” in section 204 of the National Space Grant College and Fellowship Act (Public Law 100-147, title II, 101 Stat. 870) are omitted as unnecessary because of the definitions added by section 101 of title 51.

## SECTION 704

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
704 .....	42 U.S.C. 2486c.	Pub. L. 100-147, title II, § 205, Oct. 30, 1987, 101 Stat. 871.

## SECTION 705

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
705 .....	42 U.S.C. 2486d.	Pub. L. 100-147, title II, § 206, Oct. 30, 1987, 101 Stat. 872.

In subsection (a), the words “not more than 66 percent” are substituted for “66 percent, or any lesser percent”, and the word “except” is substituted for “except that this limitation shall not apply”, for clarity and to eliminate unnecessary words.



In subsection (b), the words “up to 100 percent” are substituted for “100 percent, or any lesser percent” to eliminate unnecessary words.

## SECTION 706

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
706 .....	42 U.S.C. 2486e.	Pub. L. 100–147, title II, § 207, Oct. 30, 1987, 101 Stat. 873.

In subsection (a), the words “up to 100 percent” are substituted for “100 percent, or any lesser percent” to eliminate unnecessary words.

## SECTION 707

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
707 .....	42 U.S.C. 2486f.	Pub. L. 100–147, title II, § 208, Oct. 30, 1987, 101 Stat. 873.

## SECTION 708

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
708 .....	42 U.S.C. 2486g.	Pub. L. 100–147, title II, § 209, Oct. 30, 1987, 101 Stat. 874.

## SECTION 709

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
709 .....	42 U.S.C. 2486h.	Pub. L. 100–147, title II, § 210, Oct. 30, 1987, 101 Stat. 874.

In subsection (a), the word “provisions” is substituted for “provisons” to correct an error in the law.

## SECTION 710

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
710 .....	42 U.S.C. 2486i.	Pub. L. 100–147, title II, § 211, Oct. 30, 1987, 101 Stat. 875.

## SECTION 711

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
711 .....	42 U.S.C. 2486k.	Pub. L. 100–147, title II, § 213, Oct. 30, 1987, 101 Stat. 875.

The date “October 30, 1987” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Space Grant College and Fellowship Act, which is title II of the National Aeronautics and Space Administration Authorization Act of 1988 (Public Law 100–147, 101 Stat. 860).

## CHAPTER 9—BIOMEDICAL RESEARCH IN SPACE

Sec.

- 901. Findings.
- 902. Biomedical research joint working group.
- 903. Biomedical research grants.
- 904. Biomedical research fellowships.
- 905. Establishment of electronic data archive.
- 906. Establishment of emergency medical service telemedicine capability.

### SECTION 901

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
901 .....	42 U.S.C. 2487.	Pub. L. 102–588, title VI, § 601, Nov. 4, 1992, 106 Stat. 5130.

### SECTION 902

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
902 .....	42 U.S.C. 2487a.	Pub. L. 102–588, title VI, § 602, Nov. 4, 1992, 106 Stat. 5130.

### SECTION 903

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
903 .....	42 U.S.C. 2487b.	Pub. L. 102–588, title VI, § 603, Nov. 4, 1992, 106 Stat. 5130.

### SECTION 904

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
904 .....	42 U.S.C. 2487c.	Pub. L. 102–588, title VI, § 604, Nov. 4, 1992, 106 Stat. 5131.

### SECTION 905

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
905 .....	42 U.S.C. 2487e.	Pub. L. 102–588, title VI, § 606, Nov. 4, 1992, 106 Stat. 5131.

## SECTION 906

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
906 .....	42 U.S.C. 2487f.	Pub. L. 102-588, title VI, § 607, Nov. 4, 1992, 106 Stat. 5131.

The words “Office of Foreign Disaster Assistance” are substituted for “Office of Foreign Disaster” to correct an error in the law.

**CHAPTER 11—LAND REMOTE SENSING POLICY**

## SUBCHAPTER I—FINDINGS AND DEFINITIONS

- Sec.  
1101. Findings.  
1102. Definitions.

## SUBCHAPTER II—LANDSAT

1111. Landsat Program Management.  
1112. Procurement of Landsat 7.  
1113. Transfer of Landsat 6 program responsibilities.  
1114. Data policy for Landsat 7.

## SUBCHAPTER III—LICENSING OF PRIVATE REMOTE SENSING SPACE SYSTEMS

1121. General licensing authority.  
1122. Conditions for operation.  
1123. Administrative authority of Secretary.  
1124. Regulatory authority of Secretary.  
1125. Agency activities.

## SUBCHAPTER IV—RESEARCH, DEVELOPMENT, AND DEMONSTRATION

1131. Continued Federal research and development.  
1132. Availability of federally gathered unenhanced data.  
1133. Technology demonstration program.

## SUBCHAPTER V—GENERAL PROVISIONS

1141. Nondiscriminatory data availability.  
1142. Archiving of data.  
1143. Nonreproduction.  
1144. Reimbursement for assistance.  
1145. Acquisition of equipment.  
1146. Radio frequency allocation.  
1147. Consultation.  
1148. Enforcement.

## SUBCHAPTER VI—PROHIBITION OF COMMERCIALIZATION OF WEATHER SATELLITES

1161. Prohibition.  
1162. Future considerations.

**SUBCHAPTER I—FINDINGS AND DEFINITIONS**

## SECTION 1101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1101 .....	15 U.S.C. 5601.	Pub. L. 102-555, § 2, Oct. 28, 1992, 106 Stat. 4163.

## SECTION 1102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1102 .....	15 U.S.C. 5602.	Pub. L. 102-555, § 3, Oct. 28, 1992, 106 Stat. 4164.

The definition of “Administrator” in section 3 of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4164) is omitted as unnecessary because of the definition added by section 101 of title 51.

## SUBCHAPTER II—LANDSAT

## SECTION 1111

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1111 .....	15 U.S.C. 5611.	Pub. L. 102-555, title I, § 101, Oct. 28, 1992, 106 Stat. 4166.

In subsection (b), in the matter before paragraph (1), after the words “funding expectations for the Landsat”, the word “program” is set out without being capitalized to correct an error in the law.

In subsection (c)(6), a reference to section 103 of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5613) is omitted as obsolete.

In subsection (e)(2), in the matter before subparagraph (A), the word “biennially” is substituted for “Within 1 year after the date of the enactment of this Act and biennially thereafter,” to eliminate obsolete language.

## SECTION 1112

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1112 .....	15 U.S.C. 5612.	Pub. L. 102-555, title I, § 102, Oct. 28, 1992, 106 Stat. 4168.

## SECTION 1113

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1113 .....	15 U.S.C. 5614.	Pub. L. 102-555, title I, § 104, Oct. 28, 1992, 106 Stat. 4170.

## SECTION 1114

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1114 .....	15 U.S.C. 5615(a), (b).	Pub. L. 102-555, title I, § 105(a), (b), Oct. 28, 1992, 106 Stat. 4170.

SUBCHAPTER III—LICENSING OF PRIVATE REMOTE  
SENSING SPACE SYSTEMS

SECTION 1121

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1121 .....	15 U.S.C. 5621.	Pub. L. 102-555, title II, § 201, Oct. 28, 1992, 106 Stat. 4171; Pub. L. 105-303, title I, § 107(f)(1), Oct. 28, 1998, 112 Stat. 2854.

In subsection (b)(2), the words “within 6 months after the date of the enactment of the Commercial Space Act of 1998” are omitted as obsolete.

SECTION 1122

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1122 .....	15 U.S.C. 5622.	Pub. L. 102-555, title II, § 202, Oct. 28, 1992, 106 Stat. 4172; Pub. L. 105-303, title I, § 107(f)(2), Oct. 28, 1998, 112 Stat. 2854.

In subsection (c), in the matter before clause (1), the words “subsection (b)” are substituted for “paragraph (b)” to correct an error in the law.

SECTION 1123

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1123 .....	15 U.S.C. 5623.	Pub. L. 102-555, title II, § 203, Oct. 28, 1992, 106 Stat. 4172.

In subsection (a), at the end of paragraph (2), a semicolon is substituted for the period to correct an error in the law.

SECTION 1124

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1124 .....	15 U.S.C. 5624.	Pub. L. 102-555, title II, § 204, Oct. 28, 1992, 106 Stat. 4173.

SECTION 1125

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1125 .....	15 U.S.C. 5625.	Pub. L. 102-555, title II, § 205, Oct. 28, 1992, 106 Stat. 4173.

SUBCHAPTER IV—RESEARCH, DEVELOPMENT, AND  
DEMONSTRATION

SECTION 1131

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1131 .....	15 U.S.C. 5631.	Pub. L. 102-555, title III, § 301, Oct. 28, 1992, 106 Stat. 4174.

SECTION 1132

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1132 .....	15 U.S.C. 5632.	Pub. L. 102-555, title III, § 302, Oct. 28, 1992, 106 Stat. 4174.

In subsection (b), the word “affect” is substituted for “effect” to correct an error in the law.

SECTION 1133

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1133 .....	15 U.S.C. 5633(a) to (e).	Pub. L. 102-555, title III, § 303(a) to (e), Oct. 28, 1992, 106 Stat. 4174.

In subsection (a)(1), the date “October 28, 1992” is substituted for “the date of the enactment of this Act” to reflect the date of enactment of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4163). At the end of paragraph (1), a semicolon is substituted for the period to correct an error in the law.

SUBCHAPTER V—GENERAL PROVISIONS

SECTION 1141

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1141 .....	15 U.S.C. 5651.	Pub. L. 102-555, title V, § 501, Oct. 28, 1992, 106 Stat. 4176.

SECTION 1142

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1142 .....	15 U.S.C. 5652.	Pub. L. 102-555, title V, § 502, Oct. 28, 1992, 106 Stat. 4176.

In subsection (b), the words “hereafter in this section” are substituted for “hereinafter” for clarity.

In subsection (c), in the matter before paragraph (1), the words “of the Interior” are substituted for “of Interior” to correct an error in the law.

In subsection (c)(1), the date “October 28, 1992” is substituted for “the date of enactment of this Act” to reflect the date of enactment

of the Land Remote Sensing Policy Act of 1992 (Public Law 102–555, 106 Stat. 4163).

## SECTION 1143

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1143 .....	15 U.S.C. 5653.	Pub. L. 102–555, title V, § 503, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 1144

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1144 .....	15 U.S.C. 5654.	Pub. L. 102–555, title V, § 504, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 1145

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1145 .....	15 U.S.C. 5655.	Pub. L. 102–555, title V, § 505, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 1146

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1146 .....	15 U.S.C. 5656.	Pub. L. 102–555, title V, § 506, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 1147

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1147 .....	15 U.S.C. 5657.	Pub. L. 102–555, title V, § 507, Oct. 28, 1992, 106 Stat. 4178.

## SECTION 1148

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1148 .....	15 U.S.C. 5658.	Pub. L. 102–555, title V, § 508, Oct. 28, 1992, 106 Stat. 4179.

In subsection (d), in the second sentence, the words “have been, or are being” are substituted for “has been, or is being” to correct an error in the law.

**SUBCHAPTER VI—PROHIBITION OF COMMERCIALIZATION  
OF WEATHER SATELLITES**

**SECTION 1161**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1161 .....	15 U.S.C. 5671.	Pub. L. 102-555, title VI, § 601, Oct. 28, 1992, 106 Stat. 4179.

**SECTION 1162**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1162 .....	15 U.S.C. 5672.	Pub. L. 102-555, title VI, § 602, Oct. 28, 1992, 106 Stat. 4180.

The date “October 28, 1992” is substituted for “the enactment of this Act” to reflect the date of enactment of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4163).

**CHAPTER 13—SPACE COMMERCE**

**SUBCHAPTER I—DEFINITIONS**

Sec.  
1301. Definitions.

**SUBCHAPTER II—PROMOTION OF COMMERCIAL SPACE OPPORTUNITIES**

- 1311. Commercialization of Space Station.
- 1312. Promotion of United States Global Positioning System standards.
- 1313. Acquisition of space science data.
- 1314. Administration of commercial space centers.
- 1315. Sources of Earth Science data.

**SUBCHAPTER III—FEDERAL ACQUISITION OF SPACE TRANSPORTATION  
SERVICES**

- 1331. Requirement to procure commercial space transportation services.
- 1332. Acquisition of commercial space transportation services.
- 1333. Shuttle privatization.
- 1334. Use of excess intercontinental ballistic missiles.
- 1335. National launch capability study.

**SUBCHAPTER I—DEFINITIONS**

**SECTION 1301**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1301 .....	42 U.S.C. 14701.	Pub. L. 105-303, § 2, Oct. 28, 1998, 112 Stat. 2843.

The definition of “Administrator” in section 2 of the Commercial Space Act of 1998 (Public Law 105-303, 112 Stat. 2843) is omitted as unnecessary because of the definition added by section 101 of title 51.



**SUBCHAPTER II—PROMOTION OF COMMERCIAL SPACE  
OPPORTUNITIES**

**SECTION 1311**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1311 .....	42 U.S.C. 14711(a).	Pub. L. 105–303, title I, § 101(a), Oct. 28, 1998, 112 Stat. 2845.

**SECTION 1312**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1312 .....	42 U.S.C. 14712.	Pub. L. 105–303, title I, § 104, Oct. 28, 1998, 112 Stat. 2852.

**SECTION 1313**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1313 .....	42 U.S.C. 14713.	Pub. L. 105–303, title I, § 105, Oct. 28, 1998, 112 Stat. 2852.

**SECTION 1314**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1314 .....	42 U.S.C. 14714.	Pub. L. 105–303, title I, § 106, Oct. 28, 1998, 112 Stat. 2853.

**SECTION 1315**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1315(a) .....	42 U.S.C. 14715(a).	Pub. L. 105–303, title I, § 107(a), (b), (d), (e), Oct. 28, 1998, 112 Stat. 2853, 2854.
1315(b) .....	42 U.S.C. 14715(b).	
1315(c) .....	42 U.S.C. 14715(d).	
1315(d) .....	42 U.S.C. 14715(e).	

**SUBCHAPTER III—FEDERAL ACQUISITION OF SPACE  
TRANSPORTATION SERVICES**

**SECTION 1331**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1331(a) .....	42 U.S.C. 14731(a).	Pub. L. 105–303, title II, § 201, Oct. 28, 1998, 112 Stat. 2854.
1331(b) .....	42 U.S.C. 14731(b) (less last sentence).	
1331(c) .....	42 U.S.C. 14731(b) (last sentence).	
1331(d) .....	42 U.S.C. 14731(c).	

## SECTION 1331—CONTINUED

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1331(e) .....	42 U.S.C. 14731(d).	

In subsection (d), the date “October 28, 1998” is substituted for “the date of the enactment of this Act” and for “such date” to reflect the date of enactment of the Commercial Space Act of 1998 (Public Law 105–303, 112 Stat. 2843).

## SECTION 1332

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1332 .....	42 U.S.C. 14732.	Pub. L. 105–303, title II, § 202, Oct. 28, 1998, 112 Stat. 2855.

## SECTION 1333

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1333 .....	42 U.S.C. 14733(a).	Pub. L. 105–303, title II, § 204(a), Oct. 28, 1998, 112 Stat. 2856.

## SECTION 1334

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1334 .....	42 U.S.C. 14734.	Pub. L. 105–303, title II, § 205, Oct. 28, 1998, 112 Stat. 2857; Pub. L. 106–65, div. A, title X, § 1067(21), Oct. 5, 1999, 113 Stat. 775.

## SECTION 1335

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1335 .....	42 U.S.C. 14735.	Pub. L. 105–303, title II, § 206, Oct. 28, 1998, 112 Stat. 2857.

In subsection (c)(1), in the matter before subparagraph (A), the date “October 28, 1998” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the Commercial Space Act of 1998 (Public Law 105–303, 112 Stat. 2843).

In subsection (d), in the matter before paragraph (1), the words “report under subsection (c)” are substituted for “reports under subsection (c)” because subsection (c) provides for only one report.

## CHAPTER 15—COMMERCIAL REUSABLE IN-SPACE TRANSPORTATION

- Sec.  
1501. Findings.  
1502. Definitions.

1503. Loan guarantees for production of commercial reusable in-space transportation.

#### SECTION 1501

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1501 .....	42 U.S.C. 14751.	Pub. L. 107-248, title IX, §902, Oct. 23, 2002, 116 Stat. 1573.

In paragraphs (5) and (6), the word “Earth” is capitalized for consistency in title 51.

#### SECTION 1502

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1502 .....	42 U.S.C. 14753.	Pub. L. 107-248, title IX, §904, Oct. 23, 2002, 116 Stat. 1576.

#### SECTION 1503

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1503 .....	42 U.S.C. 14752.	Pub. L. 107-248, title IX, §903, Oct. 23, 2002, 116 Stat. 1574.

In subsection (f)(2), the word “forbear” is substituted for “forebear” to correct an error in the law.

In subsection (g)(1), the words “services or systems” are substituted for “services or system” to correct an error in the law.

### CHAPTER 17—COMMERCIAL SPACE COMPETITIVENESS

Sec.

- 1701. Findings.
- 1702. Definitions.
- 1703. Launch voucher demonstration program.
- 1704. Anchor tenancy and termination liability.
- 1705. Use of Government facilities.
- 1706. Commercial Space Achievement Award.

#### SECTION 1701

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1701 .....	15 U.S.C. 5801.	Pub. L. 102-588, title V, §501, Nov. 4, 1992, 106 Stat. 5122.

In paragraph (4), the words “chapter 701 of title 49” are substituted for “the Commercial Space Launch Act” on authority of section 6(b) of Public Law 103-272 (108 Stat. 1378), the first section of which enacted subtitles II, III, and V to X of Title 49, Transportation.

## SECTION 1702

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1702 .....	15 U.S.C. 5802.	Pub. L. 102-588, title V, § 502, Nov. 4, 1992, 106 Stat. 5123.

## SECTION 1703

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1703 .....	15 U.S.C. 5803(a) to (c).	Pub. L. 102-588, title V, § 504(a) to (c), Nov. 4, 1992, 106 Stat. 5124; Pub. L. 105-303, title I, § 103, Oct. 28, 1998, 112 Stat. 2851.

In subsection (a), the words “to become effective October 1, 1993”, which appeared at the end, are omitted as obsolete.

## SECTION 1704

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1704 .....	15 U.S.C. 5806.	Pub. L. 102-588, title V, § 507, Nov. 4, 1992, 106 Stat. 5127.

## SECTION 1705

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1705 .....	15 U.S.C. 5807.	Pub. L. 102-588, title V, § 508, Nov. 4, 1992, 106 Stat. 5128.

## SECTION 1706

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
1706 .....	15 U.S.C. 5808.	Pub. L. 102-588, title V, § 510, Nov. 4, 1992, 106 Stat. 5129.

In subsection (b), in the matter before paragraph (1), the words “The Secretary of Commerce shall periodically make awards” are substituted for “The Secretary of Commerce shall periodically make, and the Chairman of the National Space Council shall present, awards” to eliminate obsolete language. The reference to the Chairman of the National Space Council is obsolete because the National Space Council (established by section 501 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1989 (Public Law 100-685, 102 Stat. 4102)) has not functioned or been staffed since 1993.

SECTION 4—CONFORMING AMENDMENTS TO OTHER LAWS

Section 4 of the bill makes conforming cross reference amendments to positive law titles of the United States Code.

SECTION 5—TRANSITIONAL AND SAVINGS PROVISIONS

Section 5 of the bill contains transitional and savings provisions.

SECTION 6—REPEALS

Section 6 of the bill repeals provisions replaced by the bill, along with unnecessary and obsolete provisions (see “Disposition Table” above).