

launch of space station elements during the development and operation of the space station. The Administrator shall consider—

“(1) the potential use of future advanced or heavy lift expendable launch vehicles for purposes of the assembly and operation of the space station;

“(2) the use of existing expendable launch vehicles of the National Aeronautics and Space Administration, the Department of Defense, and the Private Sector;

“(3) the requirement for space shuttle launches; and  
“(4) the risk of capital losses from the use of expendable launch vehicles and the space shuttle.

“SEC. 110. (a) The Administrator shall set and collect reasonable user fees for the use and maintenance of the space station.

“(b) The Administrator shall set user fees so as to—

“(1) promote the use of the space station consistent with the policy set forth in section 106;

“(2) recover the costs of the use of the space station, including reasonable charges for any enhancement needed for such use; and

“(3) conserve and efficiently allocate the resources of the space station.

“(c) The Administrator may, on a case-by-case basis, waive or modify such user fees when in the Administrator’s judgment such waiver or modification will further the goals and purposes of the National Aeronautics and Space Act of 1958 [see 51 U.S.C. 20101 et seq.], including—

“(1) the advancement of scientific or engineering knowledge;

“(2) international cooperation; and

“(3) the commercial use of space.

“SEC. 111. No later than September 30, 1988, the Administrator shall submit a detailed plan for collecting reimbursements for the utilization of the space station under section 110, including the services to be offered, the methodology and bases by which prices will be charged, and the estimated revenues.

“SEC. 112. The Intergovernmental Agreement currently being negotiated between the United States Government and Canada, Japan, and member governments of the European Space Agency, and the Memorandum of Understanding currently being negotiated between the National Aeronautics and Space Administration and its counterpart agencies in Canada, Japan, and Europe concerning the detailed design, development, construction, operation, or utilization of the space station shall be submitted to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science, Space, and Technology of the House of Representatives. No such agreement shall take effect until 30 days have passed after the receipt by such committees of the agreement.”

§ 70902. Allocation of International Space Station research budget

The Administrator shall allocate at least 15 percent of the funds budgeted for International Space Station research to ground-based, free-flyer, and International Space Station life and microgravity science research that is not directly related to supporting the human exploration program, consistent with section 40904 of this title.

(Pub. L. 111–314, §3, Dec. 18, 2010, 124 Stat. 3436.)

HISTORICAL AND REVISION NOTES

Table with 3 columns: Revised Section, Source (U.S. Code), Source (Statutes at Large). Row 1: 70902, 42 U.S.C. 16633, Pub. L. 109–155, title II, §204, Dec. 30, 2005, 119 Stat. 2916.

The words “Beginning with fiscal year 2006”, which appeared at the beginning of this section, are omitted as obsolete.

§ 70903. International Space Station research

The Administrator shall—

(1) carry out a program of microgravity research consistent with section 40904 of this title; and

(2) consider the need for a life sciences centrifuge and any associated holding facilities.

(Pub. L. 111–314, §3, Dec. 18, 2010, 124 Stat. 3436.)

HISTORICAL AND REVISION NOTES

Table with 3 columns: Revised Section, Source (U.S. Code), Source (Statutes at Large). Row 1: 70903, 42 U.S.C. 16766(1), (2), Pub. L. 109–155, title V, §506(1), (2), Dec. 30, 2005, 119 Stat. 2930.

§ 70904. International Space Station completion

(a) POLICY.—It is the policy of the United States to achieve diverse and growing utilization of, and benefits from, the International Space Station.

(b) ELEMENTS, CAPABILITIES, AND CONFIGURATION CRITERIA.—The Administrator shall ensure that the International Space Station will—

(1) be assembled and operated in a manner that fulfills international partner agreements, as long as the Administrator determines that the shuttle can safely enable the United States to do so;

(2) be used for a diverse range of microgravity research, including fundamental, applied, and commercial research, consistent with section 40904 of this title;

(3) have an ability to support a crew size of at least 6 persons, unless the Administrator transmits to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate not later than 60 days after December 30, 2005, a report explaining why such a requirement should not be met, the impact of not meeting the requirement on the International Space Station research agenda and operations and international partner agreements, and what additional funding or other steps would be required to have an ability to support a crew size of at least 6 persons;

(4) support Crew Exploration Vehicle docking and automated docking of cargo vehicles or modules launched by either heavy-lift or commercially-developed launch vehicles;

(5) support any diagnostic human research, on-orbit characterization of molecular crystal growth, cellular research, and other research that the Administration believes is necessary to conduct, but for which the Administration lacks the capacity to return the materials that need to be analyzed to Earth; and

(6) be operated at an appropriate risk level.

(c) CONTINGENCIES.—

(1) POLICY.—The Administrator shall ensure that the International Space Station can have available, if needed, sufficient logistics and on-orbit capabilities to support any potential period during which the space shuttle or its follow-on crew and cargo systems are unavailable, and can have available, if needed, sufficient surge delivery capability or