AMENDMENT TO H.R. 4588
OFFERED BY MS. STANSBURY

Page 47, after line 7, insert the following:

SEC. 4. CRITICAL TECHNOLOGY AND INNOVATION ANALYTICS PROGRAM.

(a) In General.—The Secretary of Commerce shall carry out a program of data collection and analysis of technology and innovation sectors critical to realizing national objectives, including national security, economic prosperity, and social welfare.

(b) Purpose.—The purpose of the program shall be—

(1) To serve as a central Federal clearinghouse for the collection, interpretation, analysis, and dissemination of objective data on the nation’s technology, innovation, and advanced manufacturing capacity;

(2) To improve assessment of the nation’s research, technology, and manufacturing assistance programs, including the regional innovation programs established in section 27 and 28 of the Stevenson-Wydler Technology Innovation Act of 1980 (Public Law 96–480; 15 U.S.C. 3701 et seq.);
(3) To assess U.S. competitiveness in technology and innovation sectors; and

(4) To support national policy and decision making in both the public and private sectors to ensure United States leadership in technology and innovation sectors critical to national security, economic prosperity and social welfare.

(c) Activities.—In carrying out this section, the Secretary shall—

(1) collect, acquire, analyze, report, and disseminate data related to critical technology, innovation and production capacity in the United States and other nations that is relevant and useful to practitioners, researchers, policymakers, and the public, including data on—

(A) Regional technology and innovation capacity, including research and development activity, entrepreneurship, intellectual property generation, company formation, advanced technology capital equipment investment, and technology transfer;

(B) supply chains, including domestic and international production capacity, inter-firm transactions, and resiliency for select end-products and their intermediate inputs;
(C) the skilled technical and production workforce required in different critical technology and innovation sectors;

(D) the participation of individuals and communities historically underrepresented in STEM; and

(E) and any other area the Secretary determines appropriate;

(2) Request from any person or entity information, data, and reports as may be required to carry out the purposes of this Act;

(3) support research using the data it collects, and on methodologies in areas related to the activities carried out under the program;

(4) Conduct other activities deemed by the Secretary to be critical for the development of analytic capabilities, statistics, datasets, and metrics related to critical technologies and innovation.

(d) OTHER TRANSACTIONS AUTHORITIES.—In carrying out this section, the Secretary may enter into and perform such contracts, including cooperative research and development arrangements and grants and cooperative agreements or other transactions, as may be necessary in the conduct of the work of the program and on such terms as the Secretary considers appropriate;
(e) COORDINATION.—The Secretary shall collaborate with Federal statistical agencies, as appropriate, to carry out the purposes of this section, including by entering into cooperative data sharing agreements that comply with all laws and regulations applicable to the disclosure and use of data;

(f) CONSULTATION.—In conducting the activities required under subsection (c), the Secretary shall solicit input from relevant stakeholders on critical technology and sector needs, practices, and goals related to creating statistics, metrics, data sets, and modeling.

(g) ADMINISTRATION.—The Secretary may carry out this program through existing programs and bureaus of the Department of Commerce, as appropriate.

(h) ACCESS TO FEDERAL DATA.—In carrying out subsection (c), the Secretary shall be given access to all information, data, or reports that the Secretary determines necessary to carry out this Section by any Federal agency upon written request and subject to any statutory or regulatory restrictions.

(1) EXISTING INSTRUMENTS.—Where practicable, the Secretary should incorporate data collection into existing survey instruments.

(i) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the Secretary
$100,000,000 to conduct activities under this section for the period of fiscal years 2022 through 2026.

Page 2, in the table of contents, after the matter relating to section 4, insert the following:

Sec. 4. Critical technology and innovation analytics program.