Sires	Tonko	Weber (TX)
Slaughter	Torres	Webster (FL)
Smith (MO)	Trott	Wenstrup
Smith (NE)	Turner	Westerman
Smith (NJ)	Upton	Westmoreland
Smith (TX)	Valadao	Whitfield
Smith (WA)	Van Hollen	Williams
Speier	Vargas	Wilson (FL)
Stefanik	Veasey	Wilson (SC)
Stewart	Vela	Wittman
Stivers	Velázquez	Womack
Stutzman	Wagner	Woodall
Swalwell (CA)	Walberg	Yarmuth
Takai	Walden	Yoder
Takano	Walker	Yoho
Thompson (CA)	Walorski	Young (AK)
Thompson (MS)	Walters, Mimi	Young (IA)
Thompson (PA)	Walz	Young (IN)
Thornberry	Wasserman Schultz	Zeldin
Tiberi	Waters, Maxine	Zinke
Tipton	Watson Coleman	
Titus		

NOES—35

Amash	Duffy	Renacci
Becerra	Duncan (SC)	Ribble
Bridenstine	Jordan	Rice (NY)
Carney	Kildee	Richmond
Clawson (FL)	Kind	Roskam
Cleaver	Larson (CT)	Salmon
Clyburn	Maloney, Sean	Sánchez, Linda T.
Courtney	Moulton	Schrader
Crowley	Mulvaney	Sensenbrenner
DeGette	Pascrell	Visclosky
DeLauro	Perlmutter	Welch
DeSaulnier	Polis	

ANSWERED ''PRESENT''—1

Amodei

NOT VOTING—9

Brady (PA)	Donovan	Rice (SC)
Capps	Fattah	Sanchez, Loretta
Chaffetz	Moore	Tsongas

□ 1731

So the bill was passed.

The result of the vote was announced as above recorded.

A motion to reconsider was laid on the table.

PERSONAL EXPLANATION

Mrs. CAPPS. Mr. Speaker, I was not able to be present for the following rollcall votes on May 19, 2015 and would like the record to reflect that I would have voted as follows: rollcall No. 243: ''no,'' rollcall No. 244: ''yes,'' rollcall No. 245: ''no,'' rollcall No. 246: ''no,'' rollcall No. 247: ''yes,'' rollcall No. 248: ''yes,'' rollcall No. 249: ''yes.''

REMOVAL OF NAMES OF MEMBERS AS COSPONSORS OF H.R. 1909

Mr. CULBERSON. Mr. Speaker, I ask unanimous consent that the following Members be removed as cosponsors of the bill, H.R. 1909: Mr. FARENTHOLD of Texas, Mr. HENSARLING of Texas, Mr. HUELSKAMP of Kansas, and Mr. THORNBERRY of Texas.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Texas?

There was no objection.

ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore. Pursuant to clause 8 of rule XX, the Chair will postpone further proceedings today on motions to suspend the rules on which a recorded vote or the yeas and nays are ordered, or on which the vote incurs objection under clause 6 of rule XX.

Record votes on postponed questions will be taken later.

AMERICAN SUPER COMPUTING LEADERSHIP ACT

Mr. SMITH of Texas. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 874) to amend the Department of Energy High-End Computing Revitalization Act of 2004 to improve the high-end computing research and development program of the Department of Energy, and for other purposes.

The Clerk read the title of the bill.

The text of the bill is as follows:

H.R. 874

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the ''American Super Computing Leadership Act''.

SEC. 2. DEFINITIONS.

Section 2 of the Department of Energy High-End Computing Revitalization Act of 2004 (15 U.S.C. 5541) is amended by striking paragraphs (1) through (5) and inserting the following:

''(1) CO-DESIGN.—The term 'co-design' means the joint development of application algorithms, models, and codes with computer technology architectures and operating systems to maximize effective use of high-end computing systems.

''(2) DEPARTMENT.—The term 'Department' means the Department of Energy.

''(3) EXASCALE.—The term 'exascale' means computing system performance at or near 10 to the 18th power floating point operations per second.

''(4) HIGH-END COMPUTING SYSTEM.—The term 'high-end computing system' means a computing system with performance that substantially exceeds that of systems that are commonly available for advanced scientific and engineering applications.

''(5) INSTITUTION OF HIGHER EDUCATION.—The term 'institution of higher education' has the meaning given the term in section 2 of the Energy Policy Act of 2005 (42 U.S.C. 15801).

''(6) LEADERSHIP SYSTEM.—The term 'leadership system' means a high-end computing system that is among the most advanced in the world in terms of performance in solving scientific and engineering problems.

''(7) NATIONAL LABORATORY.—The term 'National Laboratory' means any one of the seventeen laboratories owned by the Department.

''(8) SECRETARY.—The term 'Secretary' means the Secretary of Energy.

''(9) SOFTWARE TECHNOLOGY.—The term 'software technology' includes optimal algorithms, programming environments, tools, languages, and operating systems for high-end computing systems.''.

SEC. 3. DEPARTMENT OF ENERGY HIGH-END COMPUTING RESEARCH AND DEVELOPMENT PROGRAM.

Section 3 of the Department of Energy High-End Computing Revitalization Act of 2004 (15 U.S.C. 5542) is amended—

(1) in subsection (a)—

(A) in paragraph (1), by striking ''program'' and inserting ''coordinated program across the Department'';

(B) by striking ''and'' at the end of paragraph (1);

(C) by striking the period at the end of paragraph (2) and inserting ''; and''; and

(D) by adding at the end the following new paragraph:

''(3) partner with universities, National Laboratories, and industry to ensure the broadest possible application of the technology developed in this program to other challenges in science, engineering, medicine, and industry.'';

(2) in subsection (b)(2), by striking ''vector'' and all that follows through ''architectures'' and inserting ''computer technologies that show promise of substantial reductions in power requirements and substantial gains in parallelism of multicore processors, concurrency, memory and storage, bandwidth, and reliability''; and

(3) by striking subsection (d) and inserting the following:

''(d) EXASCALE COMPUTING PROGRAM.—

''(1) IN GENERAL.—The Secretary shall conduct a coordinated research program to develop exascale computing systems to advance the missions of the Department.

''(2) EXECUTION.—The Secretary shall, through competitive merit review, establish two or more National Laboratory-industry-university partnerships to conduct integrated research, development, and engineering of multiple exascale architectures, and—

''(A) conduct mission-related co-design activities in developing such exascale platforms;

''(B) develop those advancements in hardware and software technology required to fully realize the potential of an exascale production system in addressing Department target applications and solving scientific problems involving predictive modeling and simulation and large-scale data analytics and management; and

''(C) explore the use of exascale computing technologies to advance a broad range of science and engineering.

''(3) ADMINISTRATION.—In carrying out this program, the Secretary shall—

''(A) provide, on a competitive, merit-reviewed basis, access for researchers in United States industry, institutions of higher education, National Laboratories, and other Federal agencies to these exascale systems, as appropriate; and

''(B) conduct outreach programs to increase the readiness for the use of such platforms by domestic industries, including manufacturers.

''(4) REPORTS.—

''(A) INTEGRATED STRATEGY AND PROGRAM MANAGEMENT PLAN.—The Secretary shall submit to Congress, not later than 90 days after the date of enactment of the American Super Computing Leadership Act, a report outlining an integrated strategy and program management plan, including target dates for prototypical and production exascale platforms, interim milestones to reaching these targets, functional requirements, roles and responsibilities of National Laboratories and industry, acquisition strategy, and estimated resources required, to achieve this exascale system capability. The report shall include the Secretary's plan for Departmental organization to manage and execute the Exascale Computing Program, including definition of the roles and responsibilities within the Department to ensure an integrated program across the Department. The report shall also include a plan for ensuring balance and prioritizing across ASCR subprograms in a flat or slow-growth budget environment.

''(B) STATUS REPORTS.—At the time of the budget submission of the Department for each fiscal year, the Secretary shall submit a report to Congress that describes the status of milestones and costs in achieving the objectives of the exascale computing program.