

By Mr. WARNER (for himself and Mr. SULLIVAN):

S. 3331. A bill to establish an intermodal transportation infrastructure pilot program, and for other purposes; to the Committee on Commerce, Science, and Transportation.

By Ms. KLOBUCHAR (for herself and Mr. CRAMER):

S. 3332. A bill to amend the adoption opportunities program to define unregulated custody transfers of children and to improve awareness and prevention of such transfers, and for other purposes; to the Committee on Health, Education, Labor, and Pensions.

By Ms. KLOBUCHAR (for herself and Mr. CRAMER):

S. 3333. A bill to enhance pre- and post-adoption support services, and for other purposes; to the Committee on Finance.

By Mr. COTTON:

S. 3334. A bill to require reports on and impose sanctions with respect to Iran's development of space-launch vehicles, intercontinental ballistic missiles, and unmanned aerial systems, and for other purposes; to the Committee on Foreign Relations.

By Ms. KLOBUCHAR (for herself and Mr. GRASSLEY):

S. 3335. A bill to amend the Omnibus Crime Control and Safe Streets Act of 1968 to establish a grant program to help law enforcement agencies with civilian law enforcement tasks, and for other purposes; to the Committee on the Judiciary.

By Ms. COLLINS (for herself, Ms. ROSEN, Mr. KELLY, Ms. HASSAN, and Mr. WARNOCK):

S. 3336. A bill to provide compensation for United States victims of Libyan state-sponsored terrorism, and for other purposes; to the Committee on the Judiciary.

By Ms. CORTEZ MASTO:

S. 3337. A bill to establish national data privacy standards in the United States, and for other purposes; to the Committee on Commerce, Science, and Transportation.

By Mr. SCHATZ (for himself and Mr. CASSIDY):

S. 3338. A bill to provide for a National Disaster Safety Board; to the Committee on Homeland Security and Governmental Affairs.

By Mrs. SHAHEEN (for herself, Mr. COTTON, and Mr. KELLY):

S. 3339. A bill to prohibit former members of the Armed Forces from accepting employment in positions involving training, consulting, advising, or instructing any government-associated individual or entity from the People's Republic of China, the Russian Federation, the Islamic Republic of Iran, the Democratic People's Republic of Korea, the Republic of Cuba, or the Syrian Arab Republic; to the Committee on Veterans' Affairs.

By Mr. MARKEY (for himself, Mr. SANDERS, and Mr. BOOKER):

S. 3340. A bill to establish the Global Climate Change Resilience Strategy, to authorize the admission of climate-displaced persons into the United States, and for other purposes; to the Committee on Foreign Relations.

By Mr. TESTER (for himself, Mr. MORAN, and Mr. HIRONO):

S. 3341. A bill to improve the emergency management capabilities of the Department of Veterans Affairs, and for other purposes; to the Committee on Veterans' Affairs.

By Mr. PETERS (for himself and Mr. WICKER):

S. 3342. A bill to establish the Commercial Space Activity Advisory Committee, and for other purposes; to the Committee on Commerce, Science, and Transportation.

By Mrs. BLACKBURN (for herself and Mr. ROSEN):

S. 3343. A bill to provide that United States citizens evacuating Israel shall not be re-

quired to reimburse the United States Government, and for other purposes; read the first time.

By Mr. PAUL:

S.J. Res. 51. A joint resolution directing the removal of United States Armed Forces from hostilities in Syria that have not been authorized by Congress; to the Committee on Foreign Relations.

SUBMISSION OF CONCURRENT AND SENATE RESOLUTIONS

The following concurrent resolutions and Senate resolutions were read, and referred (or acted upon), as indicated:

By Ms. HIRONO (for herself, Ms. BALDWIN, Ms. BUTLER, Mr. FETTERMAN, Mr. MARKEY, Ms. WARREN, Mr. WYDEN, Mr. MERKLEY, and Mr. SCHATZ):

S. Res. 464. A resolution supporting the goals and principles of Transgender Day of Remembrance by recognizing the epidemic of violence toward transgender people and memorializing the lives lost this year; to the Committee on the Judiciary.

By Mr. MARKEY:

S. Res. 465. A resolution expressing support for the designation of November 20, 2023, through December 20, 2023, as "National Survivors of Homicide Victims Awareness Month"; to the Committee on the Judiciary.

By Ms. HIRONO (for herself, Ms. MURKOWSKI, Mr. KAINE, Mr. VAN HOLLEN, Ms. ROSEN, Mr. CASSIDY, Mr. KING, and Mr. WHITEHOUSE):

S. Res. 466. A resolution calling upon the United States Senate to give its advice and consent to the ratification of the United Nations Convention on the Law of the Sea; to the Committee on Foreign Relations.

By Mr. BENNET (for himself and Mr. HICKENLOOPER):

S. Res. 467. A resolution recognizing the first commemoration of the anti-LGBTQ+ attack that occurred on November 19-20, 2022, at Club Q, an LGBTQ+ bar in Colorado Springs, Colorado; to the Committee on the Judiciary.

By Mr. WARNOCK (for himself and Mrs. CAPITO):

S. Res. 468. A resolution designating November 26, 2023, as "Drive Safer Sunday"; considered and agreed to.

By Ms. CORTEZ MASTO (for herself and Ms. ROSEN):

S. Res. 469. A resolution commending and congratulating the Las Vegas Aces basketball team on winning the 2023 Women's National Basketball Association Championship; considered and agreed to.

By Mr. BARRASSO (for himself, Ms. SMITH, Mrs. BLACKBURN, Mr. BENNET, Ms. LUMMIS, Mr. MARSHALL, Ms. SINEMA, Mr. DAINES, Ms. ERNST, Mr. HAWLEY, Mrs. CAPITO, Mr. CRAPO, Mr. RISCH, Mr. THUNE, Mr. SCOTT of South Carolina, Mr. LANKFORD, Mr. RICKETTS, Mr. WICKER, Mr. HICKENLOOPER, Mr. CRAMER, Mr. MANCHIN, Mr. MORAN, Mr. TESTER, Mr. VAN HOLLEN, Mr. MERKLEY, Mr. BROWN, and Mr. HEINRICH):

S. Res. 470. A resolution designating November 16th, 2023, as "National Rural Health Day"; considered and agreed to.

By Ms. KLOBUCHAR (for herself, Mr. CRAMER, Ms. BALDWIN, Mr. BARRASSO, Mr. BENNET, Mrs. BLACKBURN, Mr. BLUMENTHAL, Mr. BOOZMAN, Mr. CASEY, Ms. COLLINS, Mr. CORNYN, Mr. CRAPO, Mr. DAINES, Ms. DUCKWORTH, Mr. DURBIN, Mrs. FISCHER, Mr. GRASSLEY, Ms. HASSAN, Mr. HOEVEN, Mrs. HYDE-SMITH, Mr. KING, Mr.

LANKFORD, Mr. MANCHIN, Mr. RISCH, Ms. ROSEN, Mr. RUBIO, Mr. SCOTT of South Carolina, Ms. SMITH, Ms. STABENOW, Mr. TUBERVILLE, Mr. VAN HOLLEN, Ms. WARREN, Mr. WICKER, Mr. WYDEN, Mr. BOOKER, Mr. BRAUN, Ms. LUMMIS, Mr. MULLIN, Mr. SCOTT of Florida, and Mr. THUNE):

S. Res. 471. A resolution expressing support for the goals of National Adoption Day and National Adoption Month by promoting national awareness of adoption and the children awaiting families, celebrating children and families involved in adoption, and encouraging the people of the United States to secure safety, permanency, and well-being for all children; considered and agreed to.

ADDITIONAL COSPONSORS

S. 26

At the request of Mr. HAGERTY, the name of the Senator from Utah (Mr. LEE) was added as a cosponsor of S. 26, a bill to amend the Internal Revenue Code of 1986 to repeal the amendments made to reporting of third party network transactions by the American Rescue Plan Act of 2021.

S. 120

At the request of Mr. CASSIDY, the name of the Senator from Oklahoma (Mr. MULLIN) was added as a cosponsor of S. 120, a bill to amend the Internal Revenue Code of 1986 to allow a credit against tax for charitable donations to nonprofit organizations providing education scholarships to qualified elementary and secondary students.

S. 462

At the request of Ms. SMITH, the name of the Senator from Minnesota (Ms. KLOBUCHAR) was added as a cosponsor of S. 462, a bill to amend the Public Health Service Act to modify the loan repayment program for the substance use disorder treatment workforce to relieve workforce shortages.

S. 536

At the request of Mr. DAINES, the name of the Senator from Florida (Mr. SCOTT) was added as a cosponsor of S. 536, a bill to authorize the confiscation of assets of the Russian Federation and the use of such assets to offset costs to the United States of assistance to Ukraine.

S. 665

At the request of Ms. KLOBUCHAR, the names of the Senator from Delaware (Mr. CARPER) and the Senator from Nebraska (Mr. RICKETTS) were added as cosponsors of S. 665, a bill to provide incentives to physicians to practice in rural and medically underserved communities, and for other purposes.

S. 726

At the request of Mr. BENNET, the name of the Senator from Minnesota (Ms. SMITH) was added as a cosponsor of S. 726, a bill to amend the Internal Revenue Code of 1986 to modify the private business use requirements for bonds issued for lead service line replacement projects.

S. 1024

At the request of Mr. BOOKER, the name of the Senator from Ohio (Mr.

VANCE) was added as a cosponsor of S. 1024, a bill to authorize the Secretary of Health and Human Services to award grants to eligible entities to develop and implement a comprehensive program to promote student access to defibrillation in public elementary schools and secondary schools.

S. 1165

At the request of Ms. BALDWIN, the names of the Senator from Alaska (Ms. MURKOWSKI) and the Senator from Massachusetts (Ms. WARREN) were added as cosponsors of S. 1165, a bill to amend title XIX of the Social Security Act to allow States to make medical assistance available to inmates during the 30-day period preceding their release.

S. 1266

At the request of Mr. MORAN, the names of the Senator from Oklahoma (Mr. MULLIN) and the Senator from Maryland (Mr. VAN HOLLEN) were added as cosponsors of S. 1266, a bill to amend titles 10 and 38, United States Code, to improve benefits and services for surviving spouses, and for other purposes.

S. 1300

At the request of Mr. CARDIN, the name of the Senator from Michigan (Mr. PETERS) was added as a cosponsor of S. 1300, a bill to require the Secretary of the Treasury to mint coins in recognition of the late Prime Minister Golda Meir and the 75th anniversary of the United States-Israel relationship.

S. 1349

At the request of Mr. CASSIDY, the names of the Senator from Alabama (Mrs. BRITT) and the Senator from Minnesota (Ms. SMITH) were added as cosponsors of S. 1349, a bill to establish a postsecondary student data system.

S. 1400

At the request of Mr. BRAUN, the name of the Senator from Pennsylvania (Mr. FETTERMAN) was added as a cosponsor of S. 1400, a bill to amend the Food Security Act of 1985 to modify the delivery of technical assistance, and for other purposes.

S. 1625

At the request of Mrs. BLACKBURN, the name of the Senator from Nevada (Ms. CORTEZ MASTO) was added as a cosponsor of S. 1625, a bill to amend the Internal Revenue Code of 1986 to provide for an election to expense certain qualified sound recording costs otherwise chargeable to capital account.

S. 1673

At the request of Ms. CORTEZ MASTO, the name of the Senator from Vermont (Mr. SANDERS) was added as a cosponsor of S. 1673, a bill to amend title XVIII to protect patient access to ground ambulance services under the Medicare program.

S. 2085

At the request of Mr. CRAPO, the name of the Senator from Oregon (Mr. WYDEN) was added as a cosponsor of S. 2085, a bill to amend title XVIII of the Social Security Act to provide for Medicare coverage of multi-cancer early detection screening tests.

S. 2372

At the request of Mr. GRASSLEY, the names of the Senator from Nebraska (Mr. RICKETTS) and the Senator from Indiana (Mr. BRAUN) were added as cosponsors of S. 2372, a bill to amend title XIX of the Social Security Act to streamline enrollment under the Medicaid program of certain providers across State lines, and for other purposes.

S. 2477

At the request of Mr. THUNE, the name of the Senator from Montana (Mr. TESTER) was added as a cosponsor of S. 2477, a bill to amend title XVIII of the Social Security Act to provide pharmacy payment of certain services.

S. 2555

At the request of Mr. BLUMENTHAL, the names of the Senator from Maryland (Mr. CARDIN), the Senator from Oregon (Mr. MERKLEY) and the Senator from Illinois (Ms. DUCKWORTH) were added as cosponsors of S. 2555, a bill to amend the Animal Welfare Act to expand and improve the enforcement capabilities of the Attorney General, and for other purposes.

S. 2704

At the request of Mr. PADILLA, the name of the Senator from Virginia (Mr. KAINE) was added as a cosponsor of S. 2704, a bill to amend the Food Security Act of 1985 to establish an exception to certain payment limitations in the case of person or legal entity that derives income from agriculture, and for other purposes.

S. 2825

At the request of Mr. CORNYN, the names of the Senator from Nevada (Ms. ROSEN) and the Senator from Oregon (Mr. MERKLEY) were added as cosponsors of S. 2825, a bill to award a Congressional Gold Medal to the United States Army Dustoff crews of the Vietnam War, collectively, in recognition of their extraordinary heroism and life-saving actions in Vietnam.

S. 2888

At the request of Mr. KING, the name of the Senator from Rhode Island (Mr. WHITEHOUSE) was added as a cosponsor of S. 2888, a bill to amend title 10, United States Code, to authorize representatives of veterans service organizations to participate in presentations to promote certain benefits available to veterans during preparation counseling under the Transition Assistance Program of the Department of Defense, and for other purposes.

S. 3000

At the request of Mr. PETERS, the name of the Senator from Rhode Island (Mr. WHITEHOUSE) was added as a cosponsor of S. 3000, a bill to repeal Freedom Support Act section 907 waiver authority with respect to assistance to Azerbaijan.

S. 3005

At the request of Mr. COONS, the name of the Senator from New Hampshire (Mrs. SHAHEEN) was added as a cosponsor of S. 3005, a bill to amend the

Better Utilization of Investments Leading to Development Act of 2018 to enhance the economic and strategic competitiveness of the United States, and for other purposes.

S. 3008

At the request of Ms. SMITH, the name of the Senator from Delaware (Mr. COONS) was added as a cosponsor of S. 3008, a bill to provide back pay to Federal contractors, and for other purposes.

S. 3021

At the request of Ms. SINEMA, the name of the Senator from New Jersey (Mr. BOOKER) was added as a cosponsor of S. 3021, a bill to amend title XVIII of the Social Security Act to permanently extend certain in-home cardiopulmonary rehabilitation flexibilities established in response to COVID-19, and for other purposes.

S. 3125

At the request of Ms. COLLINS, the names of the Senator from Alaska (Ms. MURKOWSKI) and the Senator from Alaska (Mr. SULLIVAN) were added as cosponsors of S. 3125, a bill to reauthorize the Runaway and Homeless Youth Act, and for other purposes.

S. 3180

At the request of Ms. COLLINS, the name of the Senator from Alaska (Ms. MURKOWSKI) was added as a cosponsor of S. 3180, a bill to establish a working waterfronts grant program.

S. 3192

At the request of Mr. DAINES, the names of the Senator from Arkansas (Mr. COTTON) and the Senator from Indiana (Mr. BRAUN) were added as cosponsors of S. 3192, a bill to designate Ansarallah as a foreign terrorist organization and impose certain sanctions on Ansarallah, and for other purposes.

S. 3234

At the request of Mr. WYDEN, the name of the Senator from New Mexico (Mr. HEINRICH) was added as a cosponsor of S. 3234, a bill to implement reforms relating to foreign intelligence surveillance authorities, and for other purposes.

S. 3303

At the request of Mr. BLUMENTHAL, the name of the Senator from California (Mr. PADILLA) was added as a cosponsor of S. 3303, a bill to amend title 18, United States Code, to protect more victims of domestic violence by preventing their abusers from possessing or receiving firearms, and for other purposes.

At the request of Mr. MURPHY, his name was added as a cosponsor of S. 3303, supra.

S.J. RES. 41

At the request of Mr. CORNYN, the name of the Senator from Idaho (Mr. RISCH) was added as a cosponsor of S.J. Res. 41, a joint resolution providing for congressional disapproval under chapter 8 of title 5, United States Code, of the rule submitted by U.S. Citizenship and Immigration Services and the Executive Officer for Immigration Review

relating to “Circumvention of Lawful Pathways”.

S.J. RES. 49

At the request of Mr. CASSIDY, the names of the Senator from Florida (Mr. SCOTT), the Senator from Arkansas (Mr. COTTON), the Senator from Wyoming (Ms. LUMMIS), the Senator from Iowa (Ms. ERNST), the Senator from Tennessee (Mrs. BLACKBURN), and the Senator from Utah (Mr. ROMNEY) were added as cosponsors of S.J. Res. 49, a joint resolution providing for congressional disapproval under chapter 8 of title 5, United States Code, of the rule submitted by the National Labor Relations Board relating to a “Standard for Determining Joint Employer Status”.

S. RES. 20

At the request of Mr. CARDIN, the name of the Senator from Massachusetts (Ms. WARREN) was added as a cosponsor of S. Res. 20, a resolution condemning the coup that took place on February 1, 2021, in Burma and the Burmese military’s detention of civilian leaders, calling for an immediate and unconditional release of all those detained, promoting accountability and justice for those killed by the Burmese military, and calling for those elected to serve in parliament to resume their duties without impediment, and for other purposes.

S. RES. 333

At the request of Mr. DURBIN, the name of the Senator from Maryland (Mr. VAN HOLLEN) was added as a cosponsor of S. Res. 333, a resolution designating 2024 as the Year of Democracy as a time to reflect on the contributions of the system of Government of the United States to a more free and stable world.

S. RES. 385

At the request of Mr. CARDIN, the name of the Senator from Delaware (Mr. COONS) was added as a cosponsor of S. Res. 385, a resolution calling for the immediate release of Evan Gershkovich, a United States citizen and journalist, who was wrongfully detained by the Government of the Russian Federation in March 2023.

S. RES. 408

At the request of Ms. ROSEN, the name of the Senator from Oregon (Mr. MERKLEY) was added as a cosponsor of S. Res. 408, a resolution condemning Hamas for its premeditated, coordinated, and brutal terrorist attacks on Israel and demanding that Hamas immediately release all hostages and return them to safety, and for other purposes.

STATEMENTS ON INTRODUCED BILLS AND JOINT RESOLUTIONS

By Mr. THUNE (for himself, Ms. KLOBUCHAR, Mr. WICKER, Mr. HICKENLOOPER, Mr. LUJÁN, and Mrs. CAPITO):

S. 3312. A bill to provide a framework for artificial intelligence innovation and accountability, and for other pur-

poses; to the Committee on Commerce, Science, and Transportation.

Mr. THUNE. Madam President, I ask unanimous consent that the text of the bill be printed in the RECORD.

There being no objection, the text of the bill was ordered to be printed in the RECORD, as follows:

S. 3312

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 “Artificial Intelligence Research, Innovation, and Accountability Act of 2023”.

SEC. 2. TABLE OF CONTENTS.

The table of contents for this Act is as follows:

Sec. 1. Short title.

Sec. 2. Table of contents.

TITLE I—ARTIFICIAL INTELLIGENCE RESEARCH AND INNOVATION

Sec. 101. Open data policy amendments.

Sec. 102. Online content authenticity and provenance standards research and development.

Sec. 103. Standards for detection of emergent and anomalous behavior and AI-generated media.

Sec. 104. Comptroller General study on barriers and best practices to usage of AI in government.

TITLE II—ARTIFICIAL INTELLIGENCE ACCOUNTABILITY

Sec. 201. Definitions.

Sec. 202. Generative artificial intelligence transparency.

Sec. 203. Transparency reports for high-impact artificial intelligence systems.

Sec. 204. Recommendations to Federal agencies for risk management of high-impact artificial intelligence systems.

Sec. 205. Office of management and budget oversight of recommendations to agencies.

Sec. 206. Risk management assessment for critical-impact artificial intelligence systems.

Sec. 207. Certification of critical-impact artificial intelligence systems.

Sec. 208. Enforcement.

Sec. 209. Artificial intelligence consumer education.

TITLE I—ARTIFICIAL INTELLIGENCE RESEARCH AND INNOVATION

SEC. 101. OPEN DATA POLICY AMENDMENTS.

Section 3502 of title 44, United States Code, is amended—

(1) in paragraph (22)—

(A) by inserting “or data model” after “a data asset”; and

(B) by striking “and” at the end;

(2) in paragraph (23), by striking the period at the end and inserting a semicolon; and

(3) by adding at the end the following:

“(24) the term ‘data model’ means a mathematical, economic, or statistical representation of a system or process used to assist in making calculations and predictions, including through the use of algorithms, computer programs, or artificial intelligence systems; and

“(25) the term ‘artificial intelligence system’ means an engineered system that—

“(A) generates outputs, such as content, predictions, recommendations, or decisions for a given set of objectives; and

“(B) is designed to operate with varying levels of adaptability and autonomy using machine and human-based inputs.”.

SEC. 102. ONLINE CONTENT AUTHENTICITY AND PROVENANCE STANDARDS RESEARCH AND DEVELOPMENT.

(a) RESEARCH.—

(1) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Under Secretary of Commerce for Standards and Technology shall carry out research to facilitate the development and standardization of means to provide authenticity and provenance information for content generated by human authors and artificial intelligence systems.

(2) ELEMENTS.—The research carried out pursuant to paragraph (1) shall cover the following:

(A) Secure and binding methods for human authors of content to append statements of provenance through the use of unique credentials, watermarking, or other data or metadata-based approaches.

(B) Methods for the verification of statements of content provenance to ensure authenticity such as watermarking or classifiers, which are trained models that distinguish artificial intelligence-generated media.

(C) Methods for displaying clear and conspicuous statements of content provenance to the end user.

(D) Technologies or applications needed to facilitate the creation and verification of content provenance information.

(E) Mechanisms to ensure that any technologies and methods developed under this section are minimally burdensome on content producers.

(F) Such other related processes, technologies, or applications as the Under Secretary considers appropriate.

(G) Use of provenance technology to enable attribution for content creators.

(3) IMPLEMENTATION.—The Under Secretary shall carry out the research required by paragraph (1) as part of the research directives pursuant to section 22A(b)(1) of the National Institute of Standards and Technology Act (15 U.S.C. 278h–1(b)(1)).

(b) DEVELOPMENT OF STANDARDS.—

(1) IN GENERAL.—For methodologies and applications related to content provenance and authenticity deemed by the Under Secretary to be at a readiness level sufficient for standardization, the Under Secretary shall provide technical review and assistance to such other Federal agencies and nongovernmental standards organizations as the Under Secretary considers appropriate.

(2) CONSIDERATIONS.—In providing any technical review and assistance related to the development of content provenance and authenticity standards under this subsection, the Under Secretary may—

(A) consider whether a proposed standard is reasonable, practicable, and appropriate for the particular type of media and media environment for which the standard is proposed;

(B) consult with relevant stakeholders; and

(C) review industry standards issued by nongovernmental standards organizations.

(c) PILOT PROGRAM.—

(1) IN GENERAL.—The Under Secretary shall carry out a pilot program to assess the feasibility and advisability of using available technologies and creating open standards to facilitate the creation and verification of content governance information for digital content.

(2) LOCATIONS.—The pilot program required by paragraph (1) shall be carried out at not more than 2 Federal agencies the Under Secretary shall select for purposes of the pilot program required by paragraph (1).

(3) REQUIREMENTS.—In carrying out the pilot program required by paragraph (1), the Under Secretary shall—