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1st Session }

SENATE

{ REPORT  
{ 116-24

LEGISLATIVE ACTIVITIES REPORT  
OF THE  
COMMITTEE ON COMMERCE, SCIENCE, AND  
TRANSPORTATION  
OF THE  
UNITED STATES SENATE  
DURING THE  
ONE HUNDRED FIFTEENTH CONGRESS  
PURSUANT TO  
RULE XXVI OF THE STANDING RULES OF THE  
UNITED STATES SENATE



MARCH 28, 2019.—Ordered to be printed

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<sup>1</sup> Senator Jon Tester joined the Committee on January 9, 2018, following the departure of Senator Cory A. Booker, who served on the Committee from October 31, 2013, until January 8, 2018.

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LEGISLATIVE ACTIVITIES REPORT OF THE COMMITTEE  
ON COMMERCE, SCIENCE, AND TRANSPORTATION OF  
THE UNITED STATES SENATE DURING THE 115TH CON-  
GRESS

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MARCH 28, 2019.—Ordered to be printed

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Mr. WICKER,<sup>2</sup> from the Committee on Commerce, Science, and  
Transportation, submitted the following:

REPORT ON LEGISLATIVE ACTIVITIES

SUMMARY

The Committee on Commerce, Science, and Transportation conducted a legislative and oversight program during the 115th Congress. A total of 356 bills, 28 resolutions, 1,133 nominations, including promotions, and 2,371 executive communications were referred to the Committee for consideration.

The Committee and its subcommittees held a total of 124 public hearings, including 19 nominations hearings, during the 115th Congress. The Committee also held 15 Executive Sessions and filed 69 Committee reports.

Action was completed on a broad range of oversight, legislative, and executive matters. A total of 84 bills and 8 resolutions were reported or discharged by the Committee. Notably, 21 of the reported or discharged bills were enacted as stand-alone measures; 15 of the reported or discharged bills were enacted, in whole or in part, as part of other legislation; and 30 of the bills referred to the Committee were considered and enacted, in whole or in part, as part of other legislation. In addition, seven of the reported or discharged resolutions were agreed to in the Senate.

Members and staff made individual trips abroad and participated in conferences, further exercising the legislative oversight responsibilities of the Committee.

JURISDICTION

Pursuant to Rule XXV(1)(f)(1) of the Standing Rules of the United States Senate, all proposed legislation, messages, petitions, memorials, and other matters relating to the following subjects are

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<sup>2</sup>Senator John Thune served as Chairman of the Committee during the 115th Congress. Chairman Thune began his tenure on January 8, 2015.

referred to the Senate Committee on Commerce, Science, and Transportation:

1. Coast Guard.
2. Coastal zone management.
3. Communications.
4. Highway Safety.
5. Inland waterways, except construction.
6. Interstate commerce.
7. Marine and ocean navigation, safety, and transportation, including navigational aspects of deepwater ports.
8. Marine fisheries.
9. Merchant marine and navigation.
10. Nonmilitary aeronautical and space sciences.
11. Oceans, weather, and atmospheric activities.
12. Panama Canal and interoceanic canals generally, except as provided in subparagraph (c) of Rule XXV(1).
13. Regulation of consumer products and services, including testing related to toxic substances, other than pesticides, and except for credit, financial services, and housing.
14. Regulation of interstate common carriers, including railroads, buses, trucks, vessels, pipelines, and civil aviation.
15. Science, engineering, and technology research and development and policy.
16. Sports.
17. Standards and measurement.
18. Transportation.
19. Transportation and commerce aspects of Outer Continental Shelf lands.

## A. LEGISLATION

## BILLS REFERRED TO COMMITTEE

Bills:	
Referred to Committee .....	356
Original measures from Committee .....	0
	356
	356
Reported/discharged (*) .....	84
Reported/discharged and enacted as stand-alone measure (**) .....	21
Reported/discharged and enacted, in whole or in part, as part of other legislation (*†) .....	16
Enacted, in whole or in part, as part of other legislation (‡) .....	30

Number	Title as introduced
H.R. 200 *	To amend the Magnuson-Stevens Fishery Conservation and Management Act to provide flexibility for fishery managers and stability for fishermen, and for other purposes.
H.R. 255 **	To authorize the National Science Foundation to support entrepreneurial programs for women. (P.L. 115-6)
H.R. 276	To amend title 49, United States Code, to ensure reliable air service in American Samoa.
H.R. 288	To ensure that small business providers of broadband Internet access service can devote resources to broadband deployment rather than compliance with cumbersome regulatory requirements.
H.R. 290	To amend the Communications Act of 1934 to provide for greater transparency and efficiency in the procedures followed by the Federal Communications Commission, and for other purposes.
H.R. 321 **	To inspire women to enter the aerospace field, including science, technology, engineering, and mathematics, through mentorship and outreach. (P.L. 115-7)
H.R. 423	To amend the Communications Act of 1934 to expand and clarify the prohibition on provision of misleading or inaccurate caller identification information, and for other purposes.
H.R. 460	To amend the Communications Act of 1934 to ensure the integrity of voice communications and to prevent unjust or unreasonable discrimination among areas of the United States in the delivery of such communications.
H.R. 555	To direct the Federal Communications Commission to amend its rules so as to prohibit the application to amateur stations of certain private land use restrictions, and for other purposes.
H.R. 582 **	To amend the Communications Act of 1934 to require multiline telephone systems to have a configuration that permits users to directly initiate a call to 9-1-1 without dialing any additional digit, code, prefix, or post-fix, and for other purposes. (P.L. 115-127)
H.R. 588	To direct the Federal Communications Commission to conduct a study on network resiliency during times of emergency, and for other purposes.
H.R. 590 *	To foster civilian research and development of advanced nuclear energy technologies and enhance the licensing and commercial deployment of such technologies.

Number	Title as introduced
H.R. 599	To amend the Communications Act of 1934 to consolidate the reporting obligations of the Federal Communications Commission in order to improve congressional oversight and reduce reporting burdens.
H.R. 665	To modernize and enhance airport perimeter and access control security by requiring updated risk assessments and the development of security strategies, and for other purposes.
H.R. 876	To reform programs of the Transportation Security Administration, and for other purposes.
H.R. 1093	To require the Federal Railroad Administration to provide appropriate congressional notice of comprehensive safety assessments conducted with respect to intercity or commuter rail passenger transportation.
H.R. 1309	To streamline the office and term of the Administrator of the Transportation Security Administration, and for other purposes.
H.R. 1353	To amend the Homeland Security Act of 2002 to require certain additional information to be submitted to Congress regarding the strategic 5-year technology investment plan of the Transportation Security Administration.
H.R. 1726	To amend title 14, United States Code, to improve the organization of such title and to incorporate certain transfers and modifications into such title, and for other purposes.
H.R. 2083	To allow for the taking of pinnipeds on the Columbia River and its tributaries to protect endangered and threatened species of salmon and other nonlisted fish species.
H.R. 2105	To require the Director of the National Institute of Standards and Technology to disseminate guidance to help reduce small business cybersecurity risks, and for other purposes.
H.R. 2132	To require the implementation of a redress process and review of the Transportation Security Administration's intelligence-based screening rules for aviation security, and for other purposes.
H.R. 2258	To require that certain standards for commercial driver's licenses applicable to former members of the armed services or reserves also apply to current members of the armed services or reserves.
H.R. 2547	To expand the Department of Veterans Affairs medical professionals who may qualify to perform physical examinations on eligible veterans and issue medical certificates required for operation of a commercial motor vehicle, and for other purposes.
H.R. 2809	To amend title 51, United States Code, to provide for the authorization and supervision of nongovernmental space activities, and for other purposes.
H.R. 2910	To provide for Federal and State agency coordination in the approval of certain authorizations under the Natural Gas Act, and for other purposes.
H.R. 3101	To enhance cybersecurity information sharing and coordination at ports in the United States, and for other purposes.
H.R. 3328	To require a study regarding security measures and equipment at Cuba's airports, require the standardization of Federal Air Marshal Service agreements, require efforts to raise international aviation security standards, and for other purposes.

Number	Title as introduced
H.R. 3388	To amend title 49, United States Code, regarding the authority of the National Highway Traffic Safety Administration over highly automated vehicles, to provide safety measures for such vehicles, and for other purposes.
H.R. 3397	To direct the National Science Foundation to support STEM education research focused on early childhood.
H.R. 3669	To improve and streamline security procedures related to general aviation and commercial charter air carrier utilizing risk-based security standards, and for other purposes.
H.R. 3994	To establish the Office of Internet Connectivity and Growth, and for other purposes.
H.R. 4176	To strengthen air cargo security, and for other purposes.
H.R. 4254 **	To amend the National Science Foundation Authorization Act of 2002 to strengthen the aerospace workforce pipeline by the promotion of Robert Noyce Teacher Scholarship Program and National Aeronautics and Space Administration internship and fellowship opportunities to women, and for other purposes. (P.L. 115–303)
H.R. 4323 *	To promote veteran involvement in STEM education, computer science, and scientific research, and for other purposes.
H.R. 4375	To provide for a study on broadening participation in certain National Science Foundation research and education programs, to collect data on Federal research grants to science agencies, and for other purposes.
H.R. 4467 *	To require the Federal Air Marshal Service to utilize risk-based strategies, and for other purposes.
H.R. 4559 *	To conduct a global aviation security review, and for other purposes.
H.R. 4561	To provide for third party testing of transportation security screening technology, and for other purposes.
H.R. 4577	To establish a working group to determine ways to develop a domestic canine breeding network to produce high quality explosives detection canines, and for other purposes.
H.R. 4881	To require the Federal Communications Commission to establish a task force for reviewing the connectivity and technology needs of precision agriculture in the United States.
H.R. 4921 **	To require the Surface Board of Transportation to implement certain recommendations of the Inspector General of the Department of Transportation. (P.L. 115–269)
H.R. 4925	To require the Administrator of the Federal Railroad Administration to implement certain recommendations for management and collection of railroad safety data.
H.R. 4986	To amend the Communications Act of 1934 to reauthorize appropriations for the Federal Communications Commission, to provide for certain procedural changes to the rules of the Commission to maximize opportunities for public participation and efficient decisionmaking, and for other purposes.
H.R. 5081	To amend the Homeland Security Act of 2002 to establish within the Transportation Security Administration the Surface Transportation Security Advisory Committee, and for other purposes.
H.R. 5086	To require the Director of the National Science Foundation to develop an I-Corps course to support commercialization-ready innovation companies, and for other purposes.

Number	Title as introduced
H.R. 5089	To improve threat information sharing, integrated operations, and law enforcement training for transportation security, and for other purposes.
H.R. 5131	To improve the effectiveness of Federal efforts to identify and address homeland security risks to surface transportation, secure against vehicle-based attacks, and conduct a feasibility assessment of introducing new security technologies and measures, and for other purposes.
H.R. 5345	To designate the Marshall Space Flight Center of the National Aeronautics and Space Administration to provide leadership for the U.S. rocket propulsion industrial base, and for other purposes.
H.R. 5346	To amend title 51, United States Code, to provide for licenses and experimental permits for space support vehicles, and for other purposes.
H.R. 5509**	To direct the National Science Foundation to provide grants for research about STEM education approaches and the STEM-related workforce, and for other purposes. (P.L. 115-402)
H.R. 5709	To amend the Communications Act of 1934 to provide for enhanced penalties for pirate radio, and for other purposes.
H.R. 5730	To require testing and evaluation of advanced transportation security screening technologies related to the mission of the Transportation Security Administration, and for other purposes.
H.R. 5766	To improve the security of public areas of transportation facilities, and for other purposes.
H.R. 6227	To provide for a coordinated Federal program to accelerate quantum research and development for the economic and national security of the United States. (P.L. 115-368)
H.R. 6229	To authorize the programs of the National Institute of Standards and Technology, and for other purposes.
H.R. 6265	To ensure that only travelers who are members of a trusted traveler program use Transportation Security Administration security screening lanes designated for trusted travelers, and for other purposes.
H.R. 6459	To amend the Homeland Security Act of 2002 to require a strategy to diversify the technology stakeholder marketplace regarding the acquisition by the Transportation Security Administration of security screening technologies, and for other purposes.
H.R. 6461	To amend title 49, United States Code, to establish in the Transportation Security Administration a National Deployment Office, and for other purposes.
S. 3	To amend the Federal Trade Commission Act to prohibit pyramid promotional schemes to ensure that compensation is not based upon recruitment of participants into a plan or operation, but instead based primarily on sales to individuals who use, resell, or consume the products or services sold, protect participants, prohibit inventory loading, and for other purposes.
S. 7**	To amend title 51, United States Code, to extend the authority of the National Aeronautics and Space Administration to enter into leases of non-excess property of the Administration. (P.L. 115-403)
S. 19*†	To provide opportunities for broadband investment, and for other purposes. (P.L. 115-141)

Number	Title as introduced
S. 42	To inspire women to enter the aerospace field, including science, technology, engineering, and mathematics, through mentorship and outreach.
S. 53	To authorize and strengthen the tsunami detection, forecast, warning, research, and mitigation program of the National Oceanic and Atmospheric Administration, and for other purposes.
S. 61 *†	To remove the sunset provision of section 203 of Public Law 105–384 and for other purposes. (P.L. 115–384)
S. 74	To improve the ability of the National Oceanic and Atmospheric Administration, the Coast Guard, and coastal States to sustain healthy ocean and coastal ecosystems by maintaining and sustaining their capabilities relating to oil spill preparedness, prevention, response, and for other purposes.
S. 81 *	To establish an advisory office within the Bureau of Consumer Protection of the Federal Trade Commission to prevent fraud targeting seniors, and for other purposes.
S. 83	To authorize the National Science Foundation to support entrepreneurial programs for women.
S. 88 *	To ensure appropriate spectrum planning and interagency coordination to support the Internet of Things.
S. 89 *	To amend title 46, United States Code, to exempt old vessels that only operate within inland waterways from the fire-retardant materials requirement if the owners of such vessels make annual structural alterations to at least 10 percent of the areas of the vessels that are not constructed of fire-retardant materials and for other purposes.
S. 96 **	To amend the Communications Act of 1934 to ensure the integrity of voice communications and to prevent unjust or unreasonable discrimination among areas of the United States in the delivery of such communications. (P.L. 115–129)
S. 102 *	To direct the Federal Communications Commission to commence proceedings related to the resiliency of critical communications networks during times of emergency, and for other purposes.
S. 110 *	To require the Secretary of Commerce, acting through the Administrator of the National Oceanic and Atmospheric Administration, to establish a constituent-driven program to provide a digital information platform capable of efficiently integrating coastal data with decision-support tools, training, and best practices and to support collection of priority coastal geospatial data to inform and improve local, State, regional, and Federal capacities to manage the coastal region, and for other purposes.
S. 118 *	To make exclusive the authority of the Federal Government to regulate the labeling of products made in the United States and introduced in interstate or foreign commerce, and for other purposes.
S. 123 *	To amend the Communications Act of 1934 to require multiline telephone systems to have a default configuration that permits users to directly initiate a call to 9–1–1 without dialing any additional digit, code, prefix, or post-fix, and for other purposes.
S. 129 *	To reauthorize and amend the National Sea Grant College Program Act, and for other purposes.

Number	Title as introduced
S. 134 *	To expand the prohibition on misleading or inaccurate caller identification information, and for other purposes.
S. 141 *	To improve understanding and forecasting of space weather events, and for other purposes.
S. 153	To ensure reliable observation of hurricanes.
S. 161 ‡	To improve hurricane forecasting and for other purposes. (P.L. 115–25)
S. 168 *†	To amend and enhance certain maritime programs of the Department of Transportation. (P.L. 115–282)
S. 171 *†	To reauthorize and amend the National Oceanic and Atmospheric Administration Commissioned Officer Corps Act of 2002, to reauthorize the Hydrographic Services Improvement Act of 1998, and for other purposes. (P.L. 115–282)
S. 174 *	To amend the Communications Act of 1934 to consolidate the reporting obligations of the Federal Communications Commission in order to improve congressional oversight and reduce reporting burdens.
S. 212	To provide for the development of a United States strategy for greater human space exploration, and for other purposes.
S. 228	To ensure that small business providers of broadband Internet access service can devote resources to broadband deployment rather than compliance with cumbersome regulatory requirements, and for other purposes.
S. 272	To enhance the security operations of the Transportation Security Administration and the stability of the transportation security workforce by applying a unified personnel system under title 5, United States Code, to employees of the Transportation Security Administration who are responsible for screening passengers and property, and for other purposes.
S. 277	To establish a Rural Telecommunications and Broadband Advisory Committee within the Federal Communications Commission.
S. 320	To require the Federal Aviation Administration to establish annual performance objectives and to hold the Chief NextGen Officer accountable for meeting such objectives.
S. 338	To protect scientific integrity in Federal research and policy-making, and for other purposes.
S. 374 *	To enable concrete masonry products manufacturers to establish, finance, and carry out a coordinated program of research, education, and promotion to improve, maintain, and develop markets for concrete masonry products.
S. 396 *	To make technical amendments to certain marine fish conservation statutes, and for other purposes.
S. 399	To establish the United States Chief Manufacturing Officer in the Executive Office of the President with the responsibility of developing a national manufacturing strategy to revitalize the manufacturing sector, spur economic growth, and expand United States competitiveness, and for other purposes.
S. 421	To amend the Communications Act of 1934 to protect low-income Lifeline subscribers by mandating a continuing role for States in designating eligible telecommunications carriers for participation in the Universal Service program, and for other purposes.
S. 471	To preserve State authority to regulate air carriers providing air ambulance service.

Number	Title as introduced
S. 515	To require the Secretary of Labor to maintain a publicly available list of all employers that relocate a call center overseas, to make such companies ineligible for Federal grants or guaranteed loans, and to require disclosure of the physical location of business agents engaging in customer service communications, and for other purposes.
S. 547	To prevent mail, telemarketing, and Internet fraud targeting seniors in the United States, to promote efforts to increase public awareness of the enormous impact that mail, telemarketing, and Internet fraud have on seniors, to educate the public, seniors, their families, and their caregivers about how to identify and combat fraudulent activity, and for other purposes.
S. 564	To repeal debt collection amendments made by the Bipartisan Budget Act of 2015, and for other purposes.
S. 570 ‡	To improve the National Oceanic and Atmospheric Administration's weather research through a focused program of investment on affordable and attainable advances in observational, computing, and modeling capabilities to support substantial improvement in weather forecasting and prediction of high impact weather events, to expand commercial opportunities for the provision of weather data, and for other purposes. (P.L. 115–25)
S. 572	To require the Secretary of Commerce to study the coverage gaps of the Next Generation Weather Radar of the National Weather Service and to develop a plan for improving radar coverage and hazardous weather detection and forecasting, and for other purposes.
S. 596	To direct the Administrator of the Federal Aviation Administration to prescribe regulations establishing minimum standards for space for passengers on passenger aircraft, and for other purposes.
S. 631	To amend the FAA Modernization and Reform Act of 2012 to provide guidance and limitations regarding the integration of unmanned aircraft systems into United States airspace, and for other purposes.
S. 645 *	To require the Secretary of Commerce to conduct an assessment and analysis of the effects of broadband deployment and adoption on the economy of the United States, and for other purposes.
S. 679	To require the disclosure of information relating to cyberattacks on aircraft systems and maintenance and ground support systems for aircraft, to identify and address cybersecurity vulnerabilities to the United States commercial aviation system, and for other purposes.
S. 680	To protect consumers from security and privacy threats to their motor vehicles, and for other purposes.
S. 698	To establish a national program to identify and reduce losses from landslide hazards, to establish a national 3D Elevation Program, and for other purposes.
S. 701	To improve the competitiveness of United States manufacturing by designating and supporting manufacturing communities.
S. 742	To promote competition, to preserve the ability of local governments to provide broadband capability and services, and for other purposes.

Number	Title as introduced
S. 754 *†	To support meeting our Nation's growing cybersecurity workforce needs by expanding the cybersecurity education pipeline. (P.L. 115–91)
S. 755 ‡	To amend the Pilot's Bill of Rights to facilitate appeals, to limit the reexamination of airman certificates, and for other purposes. (P.L. 115–254)
S. 756 **	To reauthorize and amend the Marine Debris Act to promote international action to reduce marine debris, and for other purposes. (P.L. 115–391)
S. 763 *	To improve surface and maritime transportation security.
S. 770 **	To require the Director of the National Institute of Standards and Technology to disseminate resources to help reduce small business cybersecurity risks, and for other purposes. (P.L. 115–236)
S. 793 *	To prohibit sale of shark fins, and for other purposes.
S. 875 *	To require the Comptroller General of the United States to conduct a study and submit a report on filing requirements under the Universal Service Fund programs.
S. 878	To establish privacy protections for customers of broadband Internet access service and other telecommunications services.
S. 911	To direct the Administrator of the Federal Aviation Administration to issue an order with respect to secondary cockpit barriers, and for other purposes.
S. 928	To prohibit, as an unfair or deceptive act or practice, commercial sexual orientation conversion therapy, and for other purposes.
S. 947	To protect passengers on flights in air transportation from being denied boarding involuntarily, and for other purposes.
S. 958	To authorize Federal agencies to establish prize competitions for innovation or adaptation management development relating to coral reef ecosystems, and for other purposes.
S. 964	To protect broadband users from unfair or deceptive practices relating to privacy or data security, and for other purposes.
S. 965	To improve passenger vessel security and safety, and for other purposes.
S. 993	To prohibit the Federal Communications Commission from reclassifying broadband Internet access service as a telecommunications service and from imposing certain regulations on providers of such service.
S. 1015 *	To require the Federal Communications Commission to study the feasibility of designating a simple, easy-to-remember dialing code to be used for a national suicide prevention and mental health crisis hotline system.
S. 1037	To prohibit air carriers from imposing fees that are not reasonable and proportional to the costs incurred by the air carriers, and for other purposes.
S. 1057 *	To amend the Harmful Algal Bloom and Hypoxia Research and Control Act of 1998 to address harmful algal blooms, and for other purposes.
S. 1092 *	To protect the right of law-abiding citizens to transport knives interstate, notwithstanding a patchwork of local and State prohibitions.

Number	Title as introduced
S. 1096 *†	To amend and enhance certain maritime programs of the Department of Transportation, and for other purposes. (P.L. 115–91)
S. 1100	To amend title 46, United States Code, to authorize appropriations for the program to provide assistance for small shipyards and maritime communities through fiscal year 2020, and for other purposes.
S. 1104	To require the Federal Communications Commission to establish a methodology for the collection by the Commission of information about commercial mobile service and commercial mobile data service, and for other purposes.
S. 1110 ‡	To amend title 49, United States Code, to provide for private lactation areas in the terminals of large and medium hub airports, and for other purposes. (P.L. 115–254)
S. 1119	To authorize appropriations for fiscal years 2018 and 2019 for the Federal Maritime Commission, and for other purposes.
S. 1129 *†	To authorize appropriations for the Coast Guard, and for other purposes. (P.L. 115–282)
S. 1164	To protect consumers from deceptive practices with respect to online booking of hotel reservations, and for other purposes.
S. 1167 ‡	To require the Administrator of the Federal Aviation Administration to evaluate and consider revising regulations relating to emergency medical equipment requirements for passenger aircraft. (P.L. 115–254)
S. 1186	To authorize the Secretary of Transportation to designate certain entities as centers of excellence for domestic maritime workforce training and education, and for other purposes.
S. 1213	To require the Secretary of Transportation to post a copy of the most recent response plan for each onshore oil pipeline on a publicly accessible website.
S. 1233	To improve the efficiency and reliability of rail transportation by reforming the Surface Transportation Board, and for other purposes.
S. 1244	To extend the authorization of appropriations for additional funds for the essential air service program.
S. 1253	To improve the coordination and use of geospatial data.
S. 1269	To require the Office of Pipeline Safety to consult with the Environmental Protection Agency or the Coast Guard in the event the Federal on-scene coordinator has concerns about the ability of a pipeline operator to respond to a worst case discharge.
S. 1272	To preserve State, local, and tribal authorities and private property rights with respect to unmanned aircraft systems, and for other purposes.
S. 1273	To amend chapter 329 of title 49, United States Code, relating to average fuel economy standards for automobiles.
S. 1314	To amend the Natural Gas Act to bolster fairness and transparency in consideration of interstate natural gas pipelines, to provide for greater public input opportunities, and for other purposes.
S. 1318 ‡	To protect the rights of passengers with disabilities in air transportation, and for other purposes. (P.L. 115–254)

Number	Title as introduced
S. 1320 ‡	To reform apportionments to general aviation airports under the airport improvement program, to improve project delivery at certain airports, and to designate certain airports as disaster relief airports, and for other purposes. (P.L. 115–254)
S. 1322 *	To establish the American Fisheries Advisory Committee to assist in the awarding of fisheries research and development grants, and for other purposes.
S. 1323	To preserve United States fishing heritage through a national program dedicated to training and assisting the next generation of commercial fishermen, and for other purposes.
S. 1345	To enhance interstate commerce by creating a national hiring standard for motor carriers, and for other purposes.
S. 1373	To designate the Gulf of Mexico Alliance as a Regional Coordination Partnership of the National Oceanic and Atmospheric Administration, and for other purposes.
S. 1377	To remove the limitation on certain amounts for which large non-rural hospitals may be reimbursed under the Healthcare Connect Fund of the Federal Communications Commission, and for other purposes.
S. 1393 **	To streamline the process by which active duty military, reservists, and veterans receive commercial driver's licenses. (P.L. 115–105)
S. 1394	To apply the medical certification standards of the Federal Aviation Administration to operators of air balloons.
S. 1396	To require that certain standards for commercial driver's licenses applicable to former members of the armed services or reserves also apply to current members of the armed services or reserves.
S. 1405 *†	To amend title 49, United States Code, to authorize appropriations for the Federal Aviation Administration, and for other purposes. (P.L. 115–254)
S. 1410	To further the development of unmanned aircraft system technology through investing in additional research, building a trained workforce, and establishing working groups to address near-term and long-term challenges, and for other purposes.
S. 1418 ‡	To establish protections for passengers in air transportation, and for other purposes. (P.L. 115–254)
S. 1423	To require the Secretary of Transportation to modify the final rule relating to flightcrew member duty and rest requirements for passenger operations of air carriers to apply to all-cargo operations of air carriers, and for other purposes.
S. 1425 *	To reauthorize the Integrated Coastal and Ocean Observation System Act of 2009, and for other purposes.
S. 1426 *†	To amend the Ted Stevens Olympic and Amateur Sports Act to expand the purposes of the corporation, to designate the United States Center for Safe Sport, and for other purposes. (P.L. 115–126)
S. 1432	To prevent the Federal Aviation Administration's Aircraft Registry Office from closing during a Government shutdown.
S. 1442	To establish United States policy for the Arctic region for the next 10 years, and for other purposes.
S. 1450	To prohibit cell phone voice communications during passenger flights.

Number	Title as introduced
S. 1451	To facilitate and promote innovative approaches to railroad safety, and for other purposes.
S. 1475	To provide for the identification and documentation of best practices for cyber hygiene by the National Institute of Standards and Technology, and for other purposes.
S. 1502	To improve passenger vessel security and safety, and for other purposes.
S. 1506 ‡	To improve the handling of instances of sexual harassment, dating violence, domestic violence, sexual assault, and stalking at the United States Merchant Marine Academy, and for other purposes. (P.L. 115–232)
S. 1520 **	To expand recreational fishing opportunities through enhanced marine fishery conservation and management, and for other purposes. (P.L. 115–405)
S. 1532 **	To disqualify from operating a commercial motor vehicle for life an individual who uses a commercial motor vehicle in committing a felony involving human trafficking. (P.L. 115–106)
S. 1534	To direct the Federal Communications Commission to amend its rules so as to prohibit the application to amateur stations of certain private land use restrictions, and for other purposes.
S. 1536 **	To designate a human trafficking prevention coordinator and to expand the scope of activities authorized under the Federal Motor Carrier Safety Administration’s outreach and education program to include human trafficking prevention activities, and for other purposes. (P.L. 115–99)
S. 1561	To repeal the Jones Act restrictions on coastwise trade, and for other purposes.
S. 1586 *	To require the Under Secretary for Oceans and Atmosphere to update periodically the environmental sensitivity index products of the National Oceanic and Atmospheric Administration for each coastal area of the Great Lakes, and for other purposes.
S. 1605	To improve the response to sexual assault and sexual harassment on board aircraft operated in passenger air transportation, and for other purposes.
S. 1621 *	To require the Federal Communications Commission to establish a methodology for the collection by the Commission of information about commercial mobile service and commercial mobile data service, and for other purposes.
S. 1623	To increase the maximum penalty for unfair and deceptive practices relating to advertising of the costs of air transportation.
S. 1626	To improve the safety of the air supply on commercial aircraft, and for other purposes.
S. 1632	To establish an additional fund in the Treasury to meet existing statutory obligations to reimburse costs reasonably incurred as a result of the reorganization of broadcast television spectrum, and for other purposes.
S. 1634	To require auto dealers to fix outstanding safety recalls before selling or leasing a used passenger motor vehicle.
S. 1666	To direct the Secretary of Transportation to issue a rule requiring all new passenger motor vehicles to be equipped with a child safety alert system, and for other purposes.
S. 1668 **	To rename a waterway in the State of New York as the “Joseph Sanford Jr. Channel”. (P.L. 115–260)

Number	Title as introduced
S. 1682	To facilitate a national pipeline of spectrum for commercial use, and for other purposes.
S. 1684	To establish a position of Science Laureate of the United States, and for other purposes.
S. 1686	To amend the Magnuson-Stevens Fishery Conservation and Management Act to provide for management of red snapper in the Gulf of Mexico, and for other purposes.
S. 1693 *†	To amend the Communications Act of 1934 to clarify that section 230 of that Act does not prohibit the enforcement against providers and users of interactive computer services of Federal and State criminal and civil law relating to sex trafficking. (P.L. 115–164)
S. 1702	To amend the Marine Mammal Protection Act of 1972 to reduce predation by sea lions on endangered Columbia River salmon and other species not listed under the Endangered Species Act of 1973, and for other purposes.
S. 1733	To require the Secretary of Transportation to revise regulations relating to oversold flights to prohibit the forcible removal of passengers from such flights, and for other purposes.
S. 1747	To authorize research and recovery activities to provide for the protection, conservation, and recovery of the Florida manatee, and for other purposes.
S. 1748	To amend the Magnuson-Stevens Fishery Conservation and Management Act to promote sustainable conservation and management for the Gulf of Mexico and South Atlantic fisheries and the communities that rely on them, and for other purposes.
S. 1768 **	To reauthorize and amend the National Earthquake Hazards Reduction Program, and for other purposes. (P.L. 115–307)
S. 1779	To repeal certain provisions of the Federal Switchblade Act to allow domestic manufacturers to ship and sell their products to buyers located in other States and to permit the importation of certain knife parts.
S. 1785	To prohibit the implementation of a policy change to permit small, non-locking knives on passenger aircraft.
S. 1809	To direct the Secretary of Transportation to establish the Strengthening Mobility and Revolutionizing Transportation (SMART) Challenge Grant Program to promote technological innovation in our Nation's cities.
S. 1815	To require data brokers to establish procedures to ensure the accuracy of collected personal information, and for other purposes.
S. 1872 *†	To authorize the programs of the Transportation Security Administration relating to transportation security, and for other purposes. (P.L. 115–254)
S. 1883	To require the Secretary of Transportation to publish a final rule to provide for the screening, testing, and treatment for sleep disorders of individuals operating commercial vehicles.
S. 1885 *	To support the development of highly automated vehicle safety technologies, and for other purposes.
S. 1896 *†	To amend section 8331 of title 5, United States Code, and the Fair Labor Standards Act of 1938 to clarify the treatment of availability pay for Federal air marshals and criminal investigators of the Transportation Security Administration, and for other purposes. (P.L. 115–254)

Number	Title as introduced
S. 1900	To require all persons who acquire, maintain, or use personal information to have in effect reasonable cybersecurity protections and practices whenever acquiring, maintaining, or using personal information in commerce, and for other purposes.
S. 1904	To promote the use of smart technologies and systems in communities, and for other purposes.
S. 1915	To provide for the development and use of technology for personalized handguns, to require that all handguns manufactured or sold in, or imported into, the United States incorporate such technology, and for other purposes.
S. 1950	To require the Federal Communications Commission to submit to Congress a report on promoting broadband Internet access service for veterans.
S. 1965 *	To amend the Marine Mammal Protection Act of 1972 to protect the cultural practices and livelihoods of producers of Alaska Native handicrafts and traditional mammoth ivory products, and for other purposes.
S. 1968	To direct the National Science Foundation to award grants to encourage young girls to participate in computer science and other STEM activities, and for other purposes.
S. 1971 ‡	To provide air carriers with access to information about applicants to be pilots from the National Driver Register, and for other purposes. (P.L. 115–254)
S. 2020 *	To establish a voluntary program to identify and promote Internet-connected products that meet industry-leading cybersecurity and data security standards, guidelines, best practices, methodologies, procedures, and processes.
S. 2023 ‡	To require a study regarding security measures and equipment at Cuba’s airports, require the standardization of Federal Air Marshal Service agreements, require efforts to raise international aviation security standards, and for other purposes. (P.L. 115–254)
S. 2061	To further deployment of Next Generation 9–1–1 services to enhance and upgrade the Nation’s 9–1–1 systems, and for other purposes.
S. 2083	To enhance cybersecurity information sharing and coordination at ports in the United States, and for other purposes.
S. 2100	To prohibit the sale or distribution of tobacco products to individuals under the age of 21.
S. 2128 ‡	To improve the coordination and use of geospatial data. (P.L. 115–254)
S. 2150	To improve requirements for entering into commerce of imitation firearms, and for other purposes.
S. 2179	To protect consumers by requiring reasonable security policies and procedures to protect data containing personal information, and to provide for nationwide notice in the event of a breach of security.
S. 2187	To establish a regulatory framework for the comprehensive protection of personal data for individuals under the aegis of the Federal Trade Commission, to amend the Children’s Online Privacy Protection Act of 1998 to improve provisions relating to collection, use, and disclosure of personal information of children, and for other purposes.
S. 2200 **	To reauthorize the National Integrated Drought Information System, and for other purposes. (P.L. 115–423)

Number	Title as introduced
S. 2202 *†	To amend title 49, United States Code, to authorize appropriations for the National Transportation Safety Board, and for other purposes. (P.L. 115–254)
S. 2210	To ensure the Chief Information Office of the Federal Communications Commission has a significant role in decisions related to information technology, and for other purposes.
S. 2217	To require the Secretary of Commerce to establish the Federal Advisory Committee on the Development and Implementation of Artificial Intelligence, and for other purposes.
S. 2219	To reduce the number of preventable deaths and injuries caused by underride crashes, to improve motor carrier and passenger motor vehicle safety, and for other purposes.
S. 2220 ‡	To provide for the development, construction and operation of a backup to the Global Positioning System, and for other purposes. (P.L. 115–282)
S. 2229	To direct the Secretary of Commerce, acting through the Administrator of the National Oceanic and Atmospheric Administration, to conduct coastal community vulnerability assessments related to ocean acidification, and for other purposes.
S. 2234	To require the Federal Trade Commission to develop cybersecurity resources for consumer education and awareness regarding the purchase and use of devices that are part of the Internet of Things, and for other purposes.
S. 2242 *	To amend the Omnibus Public Land Management Act of 2009 to clarify the authority of the Administrator of the National Oceanic and Atmospheric Administration with respect to post-storm assessments, and for other purposes.
S. 2244 ‡	To create opportunities for women in the aviation industry. (P.L. 115–254)
S. 2264	To amend the Magnuson-Stevens Fishery Conservation and Management Act to add Rhode Island to the Mid-Atlantic Fishery Management Council, and for other purposes.
S. 2331	To extend the period during which vessels that are shorter than 79 feet in length and fishing vessels are not required to have a permit for discharges incidental to the normal operation of the vessel.
S. 2343 *	To require the Federal Communications Commission to establish a task force for meeting the connectivity and technology needs of precision agriculture in the United States.
S. 2348 ‡	To amend title 49, United States Code, to ensure reliable air service in American Samoa. (P.L. 115–254)
S. 2360	To provide for the minimum size of crews of freight trains, and for other purposes.
S. 2369 *	To authorize aboriginal subsistence whaling pursuant to the regulations of the International Whaling Commission, and for other purposes.
S. 2418 *	To direct the Federal Communications Commission to promulgate regulations that establish a national standard for determining whether mobile and broadband services available in rural areas are reasonably comparable to those services provided in urban areas.
S. 2422	To require a study on the health impacts of air traffic noise and pollution.

Number	Title as introduced
S. 2472	To reauthorize the Coastal Zone Management Act of 1972, and for other purposes.
S. 2506 ‡	To establish an aviation maintenance workforce development pilot program. (P.L. 115–254)
S. 2510	To amend the Communications Act of 1934 to ensure Internet openness, to prohibit blocking of lawful content, applications, services, and non-harmful devices, to prohibit impairment or degradation of lawful Internet traffic, to limit the authority of the Federal Communications Commission and to preempt State law with respect to Internet openness obligations, to provide that broadband Internet access service shall be considered to be an information service, and for other purposes.
S. 2511 **	To require the Under Secretary of Commerce for Oceans and Atmosphere to carry out a program on coordinating the assessment and acquisition by the National Oceanic and Atmospheric Administration of unmanned maritime systems, to make available to the public data collected by the Administration using such systems, and for other purposes. (P.L. 115–394)
S. 2520	To amend the Communications Act of 1934 to require the Federal Communications Commission to ensure just and reasonable charges for inmate telephone and advanced communications services.
S. 2536	To make daylight savings time permanent for the State of Florida, and for other purposes.
S. 2537	To make daylight savings time permanent, and for other purposes.
S. 2556 ‡	To direct the Administrator of the Federal Aviation Administration to promulgate regulations to prohibit the storage of live animals in overhead compartments of airplanes. (P.L. 115–254)
S. 2576	To require the Federal Communications Commission to conduct a proceeding to determine whether certain activities by licensees of the Commission are undertakings under division A of subtitle III of title 54, United States Code, or major Federal actions under the National Environmental Policy Act of 1969.
S. 2612	To provide for the establishment of clean technology consortia to enhance the economic, environmental, and energy security of the United States by promoting domestic development, manufacture, and deployment of clean technologies, and for other purposes.
S. 2623	To require the Secretary of Transportation to modify hours of service requirements to include all fish in the definition of “agricultural commodity”, and for other purposes.
S. 2639	To require the Federal Trade Commission to establish privacy protections for customers of online edge providers, and for other purposes.
S. 2640	To require operators that provide online and similar services to educational agencies, institutions, or programs to protect the privacy and security of personally identifiable information, and for other purposes.
S. 2650	To amend title 49, United States Code, to add definitions for the terms “common carrier” and “personal operator”, and for other purposes.

Number	Title as introduced
S. 2651	To promote competition and help consumers save money by giving them the freedom to choose where they buy prescription pet medications, and for other purposes.
S. 2666	To improve assistance provided by the Hollings Manufacturing Extension Partnership to small manufacturers in the defense industrial supply chain on matters relating to cybersecurity, and for other purposes.
S. 2694	To amend the Communications Act of 1934 to lengthen the statute of limitations for enforcing robocall violations, and for other purposes.
S. 2705	To amend the Communications Act of 1934 to expand and clarify the prohibition on inaccurate caller identification information and to require providers of telephone service to offer technology to subscribers to reduce the incidence of unwanted telephone calls and text messages, and for other purposes.
S. 2717 *†	To reauthorize provisions relating to the Maritime Administration. (P.L. 115–232)
S. 2728	To protect the privacy of users of social media and other online platforms.
S. 2738	To amend title 49, United States Code, to require air carrier passengers with service animals to adhere to a standard of service animal behavior training.
S. 2740	To authorize the National Oceanic and Atmospheric Administration to establish a Climate Change Education Program, and for other purposes.
S. 2764 *	To amend and enhance the High Seas Driftnet Fishing Moratorium Protection Act to improve the conservation of sharks, and for other purposes.
S. 2773 *	To improve the management of driftnet fishing.
S. 2783	To improve the resilience of the built and natural environment to natural disasters and climate change using, among other measures, natural and nature-based features, and for other purposes.
S. 2792 ‡	To modernize training programs at aviation maintenance technician schools. (P.L. 115–254)
S. 2806 ‡	To establish the National Security Commission on Artificial Intelligence, and for other purposes. (P.L. 115–232)
S. 2812	To improve consumer protections for customers of air ambulance operators, and for other purposes.
S. 2842 *	To prohibit the marketing of bogus opioid treatment programs or products.
S. 2844 *	To require the Surface Transportation Board to implement certain recommendations of the Inspector General of the Department of Transportation.
S. 2848 *†	To improve Department of Transportation controlled substances and alcohol testing, and for other purposes. (P.L. 115–271)
S. 2853	To amend the Communications Act of 1934 to ensure Internet openness, to prohibit blocking lawful content and non-harmful devices, to prohibit throttling data, to prohibit paid prioritization, to require transparency of network management practices, to provide that broadband shall be considered to be an information service, and to prohibit the Commission or a State commission from relying on section 706 of the Telecommunications Act of 1996 as a grant of authority.

Number	Title as introduced
S. 2859	To provide for the use of passenger facility charge revenue to enhance security at airports and to make projects for the installation of security cameras eligible for the airport improvement program.
S. 2861 *	To prosecute, as a Federal crime, the assault or intimidation of a passenger train crew member to the same extent as such actions against aircraft crew members are prosecuted.
S. 2932	To strengthen protections relating to the online collection, use, and disclosure of personal information of children and minors, and for other purposes.
S. 2935 ‡	To prioritize and support the Human Intervention Motivation Study (HIMS) program for flight crewmembers and the Flight Attendant Drug and Alcohol Program (FADAP) for flight attendants, and for other purposes. (P.L. 115–254)
S. 2938	To require the Secretary of Transportation to modify provisions relating to hours of service requirements with respect to transportation of livestock and insects, and for other purposes.
S. 2941 *	To improve the Cooperative Observer Program of the National Weather Service, and for other purposes.
S. 2951	To direct the Secretary of Transportation to establish a grant program for projects to strengthen and protect vulnerable infrastructure used during mass evacuations, and for other purposes.
S. 2955	To reform the Mobility Fund Phase II challenge process conducted by the Federal Communications Commission.
S. 2957	To amend the Horse Protection Act to designate additional unlawful acts under the Act, strengthen penalties for violations of the Act, improve Department of Agriculture enforcement of the Act, and for other purposes.
S. 2958	To require the Federal Communications Commission to make the provision of Wi-Fi access on school buses eligible for E-rate support.
S. 2959	To direct the Federal Communications Commission to establish the Office of Rural Broadband, and for other purposes.
S. 2965	To amend the Children’s Online Privacy Protection Act of 1998 to give Americans the option to delete personal information collected by internet operators as a result of the person’s internet activity prior to age 13.
S. 2973	To amend the Communications Act of 1934 to require providers of a covered service to provide location information concerning the telecommunications device of a user of such service to an investigative or law enforcement officer or an employee or other agent of a public safety answering point in an emergency situation involving risk of death or serious physical harm or in order to respond to the user’s call for emergency services.
S. 2977	To secure the technological edge of the United States in civil and military aviation.
S. 2983	To amend title 49, United States Code, to improve the essential air service program.
S. 2992	To require the Secretary of Transportation to publish a notice of proposed rulemaking concerning seat belts on school buses, and for other purposes.

Number	Title as introduced
S. 3010	To amend the National Telecommunications and Information Administration Organization Act to provide for necessary payments from the Spectrum Relocation Fund for costs of spectrum research and development and planning activities.
S. 3019	To amend the Fair Packaging and Labeling Act to require that Federal and State mandated information declarations and labeling requirements applicable to the chemical composition of, and radiation emitted by, consumer products meet minimum scientific standards to deliver accurate and clear information, and for other purposes.
S. 3026	To amend title 49, United States Code, to require air carriers to disclose the date and location of the most recent aircraft maintenance.
S. 3037	To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.
S. 3038	To assist in the conservation of the North Atlantic right whale by supporting and providing financial resources for North Atlantic right whale conservation programs and projects of persons with expertise required for the conservation of North Atlantic right whales.
S. 3051	To require the Secretary of Transportation to establish a working group to study regulatory and legislative improvements for the livestock, insect, and agricultural commodities transport industries, and for other purposes.
S. 3078	To amend the Communications Act of 1934 to clarify the prohibitions on making robocalls, and for other purposes.
S. 3087	To direct the Administrator of the National Oceanic and Atmospheric Administration to make grants to State and local governments and nonprofit organizations for purposes of carrying out shoreline stabilization projects utilizing natural materials that support natural habitats and ecosystem functions, and for other purposes.
S. 3094 *	To restrict the department in which the Coast Guard is operating from implementing any rule requiring the use of biometric readers for biometric transportation security cards until after submission to Congress of the results of an assessment of the effectiveness of the transportation security card program.
S. 3096	To allow the Coast Guard to issue a certificate of documentation with a coastwise endorsement for the vessel OLIVER HAZARD PERRY, and for other purposes.
S. 3119 **	To allow for the taking of sea lions on the Columbia River and its tributaries to protect endangered and threatened species of salmon and other nonlisted fish species. (P.L. 115-329)
S. 3126	To allow State manufacturing extension partnerships to award grants to small and medium sized manufacturers for the purpose of training new workers to replace departing experienced workers.
S. 3127	To protect the right of the American public under the First Amendment to the Constitution of the United States to receive news and information from disparate sources by regulating the use of automated software programs intended to impersonate or replicate human activity on social media.

Number	Title as introduced
S. 3138	To establish a regulatory system for marine aquaculture in the United States exclusive economic zone, and for other purposes.
S. 3143 *	To provide for a coordinated Federal program to accelerate quantum research and development for the economic and national security of the United States. (P.L. 115-368)
S. 3144 ‡	To require the Federal Air Marshal Service to utilize risk-based strategies, and for other purposes. (P.L. 115-254)
S. 3146	To amend the Coastal Zone Management Act of 1972 to allow the District of Columbia to receive Federal funding under such Act, and for other purposes.
S. 3149	To modify the penalties for violations of the Telephone Consumer Protection Act of 1993.
S. 3156	To protect airline consumers in the case of cancelled flights.
S. 3157	To streamline siting processes for small cell deployment.
S. 3183 ‡	To require large ticket agents to adopt minimum customer service standards for the purchase of air fares and related passenger air transportation services. (P.L. 115-254)
S. 3232	To amend the Communications Act of 1934 and title 17, United States Code, to provide greater access to in-State television broadcast programming for cable and satellite subscribers in certain counties.
S. 3238*	To improve oversight by the Federal Communications Commission of the wireless and broadcast emergency alert systems.
S. 3255	To prohibit the President or a Federal agency from constructing, operating, or offering wholesale or retail services on broadband networks without authorization from Congress, and for other purposes.
S. 3264	To protect the right of law-abiding citizens to transport knives interstate, notwithstanding a patchwork of local and State prohibitions, and to repeal Federal provisions related to switchblade knives which burden citizens.
S. 3265 *	To require the Secretary of Commerce to undertake certain activities to support waterfront community revitalization and resiliency, and for other purposes.
S. 3270 ‡	To address the need for pilot development and encourage more individuals to enter the field of aviation, and for other purposes. (P.L. 115-254)
S. 3273 *	To improve the safety, efficiency, and reliability of the movement of goods through ports and intermodal connections to ports, and for other purposes.
S. 3277 *	To reduce regulatory burdens and streamline processes related to commercial space activities, and for other purposes.
S. 3293 ‡	To provide for the use of unleaded aviation gasoline. (P.L. 115-254)
S. 3296	To provide for Federal coordination of activities supporting sustainable chemistry, and for other purposes.
S. 3301	To implement recommendations related to the safety of amphibious passenger vessels, and for other purposes.
S. 3315	To allow for the taking of pinnipeds on the Columbia River and its tributaries to protect endangered and threatened species of salmon and other nonlisted fish species.
S. 3322	To establish a pilot program to provide flight training services to veterans.

Number	Title as introduced
S. 3331	To provide for an equitable management of summer flounder based on geographic, scientific, and economic data and for other purposes.
S. 3344	To enhance the early warning reporting requirements for motor vehicle manufacturers, and for other purposes.
S. 3346	To establish the Office of Internet Connectivity and Growth, and for other purposes.
S. 3347	To repeal the section of the Middle Class Tax Relief and Job Creation Act of 2012 that requires the Federal Communications Commission to reallocate and auction the T-Band spectrum.
S. 3348	To establish the obligations of certain large business entities in the United States, and for other purposes.
S. 3352	To direct the Secretary of Transportation to issue regulations relating to commercial motor vehicle drivers under the age of 21, and for other purposes.
S. 3367 **	To amend certain transportation-related reporting requirements to improve congressional oversight, reduce reporting burdens, and promote transparency, and for other purposes. (P.L. 115–420)
S. 3374	To require the Inter-Agency Task Force on Harmful Algal Blooms and Hypoxia to develop a plan for reducing, mitigating, and controlling harmful algal blooms and hypoxia in South Florida, and for other purposes.
S. 3389 **	To redesignate a facility of the National Aeronautics and Space Administration. (P.L. 115–309)
S. 3395	To promote veteran involvement in STEM education, computer science, and scientific research, and for other purposes.
S. 3400	To address the threat to national security from illegal, unreported, and unregulated fishing and associated illegal activity, to prevent the illegal trade of seafood and seafood products, and for other purposes.
S. 3418	To amend title 49, United States Code, to ensure that revenues collected from passengers as aviation security fees are used to help finance the costs of aviation security screening by repealing a requirement that a portion of such fees be credited as offsetting receipts and deposited in the general fund of the Treasury.
S. 3430 ‡	To amend title 49, United States Code, to provide for the treatment of certain seasonal airports. (P.L. 115–254)
S. 3432	To direct the Secretary of Transportation to issue rules requiring the inclusion of new safety equipment in school buses, and for other purposes.
S. 3440	To require the Bureau of Economic Analysis of the Department of Commerce to provide estimates relating to the distribution of aggregate economic growth across specific percentile groups of income.
S. 3441 ‡	To improve the program providing for private screening companies to conduct security screening at airports, and for other purposes. (P.L. 115–254)
S. 3471	To direct the National Science Foundation to support STEM education research focused on early childhood.
S. 3475 ‡	To require a report on multiagency use of airspace and environmental review. (P.L. 115–254)

Number	Title as introduced
S. 3491	To require the Secretary of Transportation to carry out a pilot program to develop and provide to States and transportation planning organizations accessibility data sets, and for other purposes.
S. 3511 ‡	To broaden unmanned aircraft systems safety awareness, and for other purposes. (P.L. 115–254)
S. 3512	To amend title 49, United States Code, to authorize grants from the small airport fund for the construction or improvement of a nonapproach control tower.
S. 3513 ‡	To establish a deadline for the establishment of a process to allow applicants to petition the Administrator of the Federal Aviation Administration to prohibit or restrict the operation of an unmanned aircraft in close proximity to a fixed site facility. (P.L. 115–254)
S. 3514 ‡	To amend title 49, United States Code, to encourage the use of zero-emission vehicles and technology at public-use airports, and for other purposes. (P.L. 115–254)
S. 3522	To establish a Senior Scams Prevention Advisory Council.
S. 3524	To provide for the carriage of certain television broadcast stations, and for other purposes.
S. 3551	To adopt a certain California flammability standard as a Federal flammability standard to protect against the risk of upholstered furniture flammability, and for other purposes.
S. 3583	To direct the National Science Foundation to provide grants for research about STEM education approaches and the STEM-related workforce, and for other purposes.
S. 3603	To require the Federal Motor Carrier Safety Administration to implement a national employer notification service.
S. 3617	To require the National Telecommunications and Information Administration to determine the value of electromagnetic spectrum assigned or otherwise allocated to Federal entities.
S. 3632	To provide that the special service obligations of a licensee under section 331(a) of the Communications Act of 1934 shall continue to apply even if the licensee changes from a very high frequency station to an ultra high frequency station.
S. 3639	To prohibit the circumvention of control measures used by Internet retailers to ensure equitable consumer access to products, and for other purposes.
S. 3655	To deter criminal robocall violations and improve enforcement of section 227(b) of the Communications Act of 1934, and for other purposes.
S. 3668	To amend the Federal Trade Commission Act to eliminate the common carrier exemption for telecommunications companies.
S. 3720	To authorize the Secretary of Transportation to provide loans for the acquisition of electric buses and related infrastructure.
S. 3739	To amend the Arctic Research and Policy Act of 1984 to modify the membership of the Arctic Research Commission, to establish an Arctic Executive Steering Committee, and for other purposes.

Number	Title as introduced
S. 3740	To establish a congressionally chartered seaway development corporation in the Arctic, consistent with customary international law, with the intention of uniting Arctic nations in a cooperative Arctic shipping union, where voluntary collective maritime shipping fees will help fund the infrastructural and environmental demands of safe and reliable shipping in the region.
S. 3744	To establish duties for online service providers with respect to end user data that such providers collect and use.
S. 3765	To require the Secretary of Commerce, acting through the Director of the National Institute of Standards and Technology, to help facilitate the adoption of composite technology in infrastructure in the United States, and for other purposes.
S. 3773	To require review and approval for future research on nonhuman primates, and for other purposes.
S. 3778	To allow State manufacturing extension partnerships to award grants to small- and medium-sized manufacturers for the purpose of training new workers to replace departing experienced workers.
S. 3790	To impose criminal sanctions on certain persons involved in international doping fraud conspiracies, to provide restitution for victims of such conspiracies, and to require sharing of information with the United States Anti-Doping Agency to assist its fight against doping, and for other purposes.
S. 3799	To authorize the programs of the National Aeronautics and Space Administration, and for other purposes.

## RESOLUTIONS REFERRED TO COMMITTEE

Resolutions:	
Referred to Committee .....	28
Original measures from Committee .....	1
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Total .....	29
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Reported/discharged (*) .....	8
Reported/discharged and agreed to in the Senate (**)	7

Number	Title as introduced
H. Con. Res. 111	Recognizing and supporting the efforts of the United Bid Committee to bring the 2026 Federation Internationale de Football Association (FIFA) World Cup competition to Canada, Mexico, and the United States.
S.J. Res. 34**	Providing for congressional disapproval under chapter 8 of title 5, United States Code, of the rule submitted by the Federal Communications Commission relating to “Protecting the Privacy of Customers of Broadband and Other Telecommunications Services”. (P.L. 115–22)
S.J. Res. 52*	Providing for congressional disapproval under chapter 8 of title 5, United States Code, of the rule submitted by the Federal Communications Commission relating to “Restoring Internet Freedom”.
S. Con. Res. 6	Supporting the Local Radio Freedom Act.
S. Con. Res. 38	Recognizing and supporting the efforts of the United Bid Committee to bring the 2026 Federation Internationale de Football Association (FIFA) World Cup competition to Canada, Mexico, and the United States.
S. Con. Res. 39	Commemorating the 75th anniversary of Lockheed Martin Skunk Works and the significant contributions of the Skunk Works to the national security of the United States.
S. Con. Res. 53	Honoring the 75th anniversary of the All-American Girls Professional Baseball League.
S. Res. 20	Authorizing expenditures by the Committee on Commerce, Science, and Transportation.
S. Res. 59	Expressing support for the designation of February 12, 2017, as “Darwin Day” and recognizing the importance of science in the betterment of humanity.
S. Res. 124	Expressing the sense of the Senate that the National Sea Grant College Program is a valuable program that protects and enhances the coastal communities and economy of the United States.
S. Res. 132**	Congratulating the Ashland University women’s basketball team for winning the 2017 National Collegiate Athletic Association division II championship.
S. Res. 133**	Congratulating the University of North Carolina Tar Heels basketball team for winning the 2016–2017 National Collegiate Athletic Association men’s basketball national championship.
S. Res. 134	Congratulating the University of South Carolina women’s basketball team for winning the 2017 National Collegiate Athletic Association Division I Women’s Basketball Tournament Championship.
S. Res. 137**	Supporting the goals and ideals of National Safe Digging Month.

Number	Title as introduced
S. Res. 227 **	Recognizing “National Youth Sports Week” and the efforts by parents, volunteers, and national organizations in their efforts to promote healthy living and youth development.
S. Res. 242	Expressing the sense of the Senate about a strategy to deploy fifth generation mobile networks (5G networks) and next-generation wireless and wired technologies to promote economic development and digital innovation throughout the United States.
S. Res. 294	Congratulating the Minnesota Lynx women’s basketball team on winning the 2017 Women’s National Basketball Association championship.
S. Res. 311	Honoring the Portland Thorns FC as the champion of the National Women’s Soccer League in 2017.
S. Res. 318 **	Honoring the Portland Thorns FC as the champion of the National Women’s Soccer League in 2017.
S. Res. 374	Expressing support for the designation of February 12, 2018, as “Darwin Day” and recognizing the importance of science in the betterment of humanity.
S. Res. 392	Commemorating the success of the United States Olympic and Paralympic Teams in the past 23 Olympic Winter Games and 11 Paralympic Winter Games and supporting the United States Olympic and Paralympic Teams in the 2018 Olympic Winter Games and Paralympic Winter Games.
S. Res. 395	Expressing the sense of the Senate that ambush marketing adversely affects the United States Olympic and Paralympic teams.
S. Res. 411	Recognizing the 50th anniversary of the first 9–1–1 call in the United States.
S. Res. 417	Congratulating the Minnesotans who competed on Team USA at the 2018 Olympic Winter Games in PyeongChang, South Korea.
S. Res. 523	Encouraging companies to apply privacy protections included in the General Data Protection Regulation of the European Union to citizens of the United States.
S. Res. 573	Expressing the sense of the Senate that climate change is real and that the National Science Foundation should engage on the communication of sound climate change science to the public.
S. Res. 660	Expressing support for the designation of the week of September 23 through September 29, 2018, as Rail Safety Week in the United States, and supporting the goals and ideals of Rail Safety Week to reduce rail-related accidents, fatalities, and injuries.
S. Res. 677	Congratulating the Seattle Storm women’s basketball team on winning the 2018 Women’s National Basketball Association championship.
S. Res. 687 **	Congratulating the Boston Red Sox on winning the 2018 World Series.

## B. NOMINATIONS

## NOMINATIONS BY THE NUMBERS

There were 1,133 presidential nominations, including promotions, referred to the Committee during the 115th Congress.

Referred .....	1,133
Confirmed .....	1,106
Renominations (returned to the President upon recess of Congress, subsequently renominated) .....	0
Returned to the President upon adjournment of Congress .....	23
Withdrawn by the President .....	4
Amtrak [Board of Directors]:	
Member .....	4
Total .....	4
Consumer Product Safety Commission:	
Chairman .....	2
Commissioner .....	6
Total .....	8
Corporation for Public Broadcasting [Board of Directors]:	
Member .....	8
Total .....	8
Department of Commerce:	
Secretary of Commerce .....	1
Deputy Secretary of Commerce .....	2
Assistant Secretary of Commerce for Communications and Information .....	1
Under Secretary of Commerce for Economic Affairs .....	1
Assistant Secretary of Commerce and Director General of the United States and Foreign Commercial Service .....	1
General Counsel of the Department of Commerce .....	1
Assistant Secretary of Commerce for Oceans and Atmosphere .....	1
Under Secretary of Commerce for Standards and Technology .....	1
Under Secretary of Commerce for Oceans and Atmosphere .....	2
Assistant Secretary of Commerce .....	2
Total .....	13
Department of Homeland Security:	
Assistant Secretary of Homeland Security .....	1
Total .....	1
Coast Guard:	
Admiral .....	2
Vice Admiral .....	4
Rear Admiral, lower half .....	15
Captain .....	144
Commander .....	337
Lieutenant Commander .....	527
Lieutenant .....	1
Total .....	1,030
Coast Guard Reserve:	
Rear Admiral, lower half .....	9

Captain .....	22
Total .....	<u>31</u>
Department of Transportation:	
Secretary of Transportation .....	1
Deputy Secretary of Transportation .....	1
Assistant Secretary of Transportation .....	3
Under Secretary of Transportation for Policy .....	1
General Counsel of the Department of Transportation .....	1
Administrator of the Federal Motor Carrier Safety Administration .....	1
Administrator of the Federal Railroad Administration .....	1
Administrator of the Maritime Administration .....	1
Administrator of the National Highway Traffic Safety Administration ...	1
Administrator of the Pipeline and Hazardous Materials Safety Adminis- tration .....	1
Total .....	<u>12</u>
Federal Communications Commission:	
Member .....	7
Total .....	<u>7</u>
Federal Trade Commission:	
Commissioner .....	6
Total .....	<u>6</u>
Metropolitan Washington Area Transit Authority [Board of Directors]:	
Member .....	1
Total .....	<u>1</u>
National Aeronautics and Space Administration:	
Administrator of the National Aeronautics and Space Administration .....	2
Deputy Administrator of the National Aeronautics and Space Adminis- tration .....	1
Total .....	<u>3</u>
National Transportation Safety Board:	
Chairman .....	1
Member .....	3
Total .....	<u>4</u>
Office of Science and Technology Policy:	
Director .....	1
Total .....	<u>1</u>
Surface Transportation Board:	
Member .....	4
Total .....	<u>4</u>

## HEARINGS

The Committee held 19 nominations hearings during the 115th Congress.

Date	Title
January 11, 2017*	Nomination of Hon. Elaine L. Chao, to be Secretary of the Department of Transportation (S.Hrg. 115-32)

Date	Title
January 18, 2017 *	Nomination of Wilbur L. Ross, Jr., to be Secretary of the Department of Commerce (S.Hrg. 115–33)
March 29, 2017 *	Nomination of Jeffrey A. Rosen, to be Deputy Secretary of the Department of Transportation (S.Hrg. 115–217)
June 8, 2017 *	Nominations of: Derek Kan, of California, to be Under Secretary of Transportation for Policy David J. Redl, of New York, to be Assistant Secretary for Communications and Information, Department of Commerce Robert L. Sumwalt, III, of South Carolina, to be Member of the National Transportation Safety Board (NTSB) for a 5-year term expiring December 16, 2021, and to be designated Vice Chairman for a term of 2 years (S.Hrg. 115–222)
June 21, 2017 *	Nomination of Vice Admiral David P. Pecoske, to be Assistant Secretary of the Department of Homeland Security (S.Hrg. 115–223)
June 28, 2017 *	Nominations of: Steven Gill Bradbury, of Virginia, to be General Counsel of the Department of Transportation Elizabeth Erin Walsh, of the District of Columbia, to be Assistant Secretary of Commerce and Director General of the United States and Foreign Commercial Service (S.Hrg. 115–281)
July 19, 2017 *	Nominations of: Ajit Varadaraj Pai, of Kansas, to be a Member of the Federal Communications Commission (Reappointment) Jessica Rosenworcel, of Connecticut, to be a Member of the Federal Communications Commission (Reappointment) Brendan Carr, of Virginia, to be a Member of the Federal Communications Commission (S.Hrg. 115–478)
July 26, 2017 *	Nominations of: Ronald L. Batory, of New Jersey, to be Administrator of the Federal Railroad Administration Mark Buzby, of Virginia, to be Administrator of the Maritime Administration Peter B. Davidson, of Virginia, to be General Counsel of the Department of Commerce Karen Dunn Kelley, of Pennsylvania, to be Under Secretary of Commerce for Economic Affairs
September 27, 2017 *	Nominations of: Hon. Ann Marie Buerkle, of New York, to be Chairman of the Consumer Product Safety Commission Rear Admiral (Ret.) Timothy Gallaudet, of California, to be Assistant Secretary of Commerce for Oceans and Atmosphere Howard R. Elliott, of Indiana, to be Administrator of the Pipeline and Hazardous Materials Safety Administration, Department of Transportation Dr. Walter G. Copan, of Colorado, to be Under Secretary of Commerce for Standards and Technology

Date	Title
October 31, 2017 *	<p>Nominations of:  Hon. Leon A. Westmoreland, of Georgia, to be a Director of the Amtrak Board of Directors  Diana Furchtgott-Roth, of Maryland, to be Assistant Secretary of Transportation for Research and Technology  Bruce Landsberg, of South Carolina, to be a Member of the National Transportation Safety Board  Raymond Martinez, of New Jersey, to be Administrator of the Federal Motor Carrier Safety Administration</p>
November 1, 2017 *	<p>Nominations of:  Hon. James Bridenstine, of Oklahoma, to be Administrator of the National Aeronautics and Space Administration  Dana Baiocco, of Ohio, to be a Commissioner of the Consumer Product Safety Commission  Dr. Neil Jacobs, of North Carolina, to be an Assistant Secretary of Commerce, Environmental Observation and Prediction  Nazakhtar Nikakhtar of Maryland, to be an Assistant Secretary of Commerce, Industry and Analysis</p>
November 29, 2017 *	<p>Nomination of Barry Lee Myers, of Pennsylvania, to be Under Secretary of Commerce for Oceans and Atmosphere</p>
February 14, 2018 *	<p>Nominations of:  Joseph Simons, of Virginia, to be a Federal Trade Commissioner, Chairman Designate  Rohit Chopra, of New York, to be a Federal Trade Commissioner  Noah Joshua Phillips, of Maryland, to be a Federal Trade Commissioner  Christine S. Wilson, of Virginia, to be a Federal Trade Commissioner</p>
April 11, 2018 *	<p>Nominations of:  Patrick J. Fuchs, of Wisconsin, to be a Member of the Surface Transportation Board  Michelle A. Schultz, of Pennsylvania, to be a Member of the Surface Transportation Board  Rebecca Kelly Slaughter, of Maryland, to be a Federal Trade Commissioner</p>
April 17, 2018 *	<p>Nomination of Vice Admiral Karl L. Schultz to be promoted to Admiral and to be Commandant of the United States Coast Guard</p>
May 16, 2018 *	<p>Nominations of:  Joseph Gruters, of Florida, to be a Director of the Amtrak Board of Directors  Jennifer Homendy, of Virginia, to be a Member of the National Transportation Safety Board  Heidi King, of California, to be Administrator of the National Highway Traffic Safety Administration</p>
June 20, 2018 *	<p>Nominations of:  Geoffrey Adam Starks, of Kansas, to be a Member of the Federal Communications Commission  Peter Aaron Feldman, of the District of Columbia, to be a Member of the Consumer Product Safety Commission</p>

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Date	Title
July 26, 2018 *	Nominations of: Rick A. Dearborn, of Oklahoma, to be a Director of the Amtrak Board of Directors Martin J. Oberman, of Illinois, to be a Member of the Surface Transportation Board
August 23, 2018 *	Nominations of: Dr. Kelvin Droegemeier, of Oklahoma, to be the Director of the Office of Science and Technology Policy James “Jim” Morhard, of Virginia, to be Deputy Administrator of the National Aeronautics and Space Administration Joel Szabat, of Maryland, to be Assistant Secretary for Aviation and International Affairs at the Department of Transportation

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\* Full Committee hearing.

## C. FULL COMMITTEE

## EXECUTIVE SESSIONS

The Committee held 15 Executive Sessions during the 115th Congress. Dates and agendas are below.

*January 24, 2017*—Consider and approve the following:

- Rules Governing the Senate Committee on Commerce, Science, and Transportation
- Budget Resolution for the Senate Committee on Commerce, Science, and Transportation
- S. 19, MOBILE Now Act (Senate Report 115–4)
- S. 81, Senior Fraud Prevention Act of 2017 (Senate Report 115–141)
- S. 88, Developing Innovation and Growing the Internet of Things (DIGIT) Act (Senate Report 115–90)
- S. 89, A bill to amend title 46, United States Code (Delta Queen bill) (Senate Report 115–5)
- S. 96, Improving Rural Call Quality and Reliability Act (Senate Report 115–6)
- S. 102, Securing Access to Networks in Disasters (SANDY) Act (Senate Report 115–24)
- S. 110, Digital Coast Act (Senate Report 115–14)
- S. 123, Kari’s Law Act (Senate Report 115–124)
- S. 129, National Sea Grant College Program Amendments Act of 2017 (Senate Report 115–15)
- S. 134, Spoofing Prevention Act (Senate Report 115–91)
- S. 141, Space Weather Research and Forecasting Act (Senate Report 115–21)
- S. 168, Commercial Vessel Incidental Discharge Act (Senate Report 115–16)
- S. 171, National Oceanic and Atmospheric Administration Commissioned Officer Corps Amendments and Hydrographic Services Improvement Act Reauthorization and Amendments Act of 2017 (Senate Report 115–181)
- S. 174, Federal Communications Commission Consolidated Reporting Act (Senate Report 115–61)
- H.R. 255, Promoting Women in Entrepreneurship Act (waived Senate Report)
- H.R. 321, Inspiring the Next Space Pioneers, Innovators, Researchers, and Explorers (INSPIRE) Women Act (waived Senate Report)
- Nomination of Elaine Chao, of Kentucky, to be Secretary, Department of Transportation (Confirmed January 31, 2017)
- Nomination of Wilbur Ross, of Florida, to be Secretary, Department of Commerce (Confirmed February 27, 2017)

*April 5, 2017*—Consider and approve the following:

- S. 763, Surface and Maritime Transportation Security Act (Senate Report 115–178)
- S. 61, A bill to remove the sunset provision of section 203 of Public Law 105–384 and for other purposes (Senate Report 115–88)

- S. 701, Made in America Manufacturing Communities Act of 2017 (Senate Report 115–204)
- S. 756, Save Our Seas Act of 2017 (Senate Report 115–135)
- S. 770, Making Available Information Now to Strengthen Trust and Resilience and Enhance Enterprise Technology (MAIN STREET) Cybersecurity Act of 2017 (Senate Report 115–153)
- Nomination of Jeffrey A. Rosen, of Virginia, to be Deputy Secretary of Transportation (Confirmed May 16, 2017)

*May 18, 2017*—Consider and approve the following:

- S. 1129, Coast Guard Authorization Act of 2017 (Senate Report 115–89)
- S. 118, Reinforcing American-Made Products Act of 2017 (Senate Report 115–203)
- S. 396, A bill to make technical amendments to certain marine fish conservation statutes, and for other purposes (Senate Report 115–160)
- S. 793, Shark Fin Trade Elimination Act of 2017 (Senate Report 115–388)
- S. 1057, Harmful Algal Bloom and Hypoxia Research and Control Amendments Act of 2017 (Senate Report 115–145)
- S. 1096, Maritime Administration Authorization and Enhancement Act for Fiscal Year 2018 (Senate Report 115–136)

*June 29, 2017*—Consider and approve the following:

- S. 1405, Federal Aviation Administration Reauthorization Act of 2017 (Senate Report 115–243)
- S. 875, To require the Comptroller General of the United States to conduct a study and submit a report on filing requirements under the Universal Service Fund programs (Senate Report 115–192)
- S. 1426, United States Center for Safe Sport Authorization Act of 2017 (Senate Report 115–443)
- S. 1393, Jobs for Our Heroes Act (Senate Report 115–161)
- Nomination of Vice Admiral David P. Pekoske, of Maryland, to be Assistant Secretary of Homeland Security, Transportation Security Administration (Confirmed August 3, 2017)
- Nomination of Robert L. Sumwalt III, of South Carolina, to be a Member of the National Transportation Safety Board (Confirmed August 3, 2017)
- Nomination of Derek Kan, of California, to be Under Secretary of Transportation for Policy (Confirmed November 13, 2017)

*August 2, 2017*—Consider and approve the following:

- S. 374, Concrete Masonry Products Research, Education, and Promotion Act of 2017 (Senate Report 115–218)
- S. 754, Cyber Scholarship Opportunities Act of 2017 (Senate Report 115–263)
- S. 1322, American Fisheries Advisory Committee Act (Senate Report 115–193)
- S. 1425, Coordinated Ocean Monitoring and Research Act (Senate Report 115–186)

- S. 1532, No Human Trafficking on Our Roads Act (Senate Report 115–188)
- S. 1536, Combating Human Trafficking in Commercial Vehicles Act (Senate Report 115–177)
- S. 1586, Great Lakes Environmental Sensitivity Index Act (Senate Report 115–180)
- S. 1621, Rural Wireless Access Act of 2017 (Senate Report 115–206)
- Nomination of Ajit Varadaraj Pai, of Kansas, to be a Member of the Federal Communications Commission (Reappointment) (Confirmed October 2, 2017)
- Nomination of Jessica Rosenworcel, of Connecticut, to be a Member of the Federal Communications Commission (Reappointment) (Confirmed August 3, 2017)
- Nomination of Brendan Carr, of Virginia, to be a Member of the Federal Communications Commission (to complete a term and for a new term beginning July 1, 2018) (Confirmed August 3, 2017—first term)
- Nomination of Peter B. Davidson, of Virginia, to be General Counsel of the Department of Commerce (Confirmed August 3, 2017)
- Nomination of Karen Dunn Kelley, of Pennsylvania, to be Under Secretary of Commerce for Economic Affairs (Confirmed August 3, 2017)
- Nomination of Elizabeth Erin Walsh, of the District of Columbia, to be Assistant Secretary of Commerce and Director General of the United States and Foreign Commercial Service (Confirmed August 3, 2017)
- Nomination of Steven Gill Bradbury, of Virginia, to be General Counsel of the Department of Transportation (Confirmed November 14, 2017)
- Nomination of Mark Buzby, of Virginia, to be Administrator of the Maritime Administration (Confirmed August 3, 2017)
- Nomination of Ronald L. Batory, of New Jersey, to be Administrator of the Federal Railroad Administration (Confirmed February 13, 2018)
- Nomination of Robert L. Sumwalt III, of South Carolina, to be Chairman of the National Transportation Safety Board (Confirmed August 3, 2017)

*October 4, 2017*—Consider and approve the following:

- S. 1885, American Vision for Safer Transportation through Advancement of Revolutionary Technologies (AV START) Act (Senate Report 115–187)
- S. 1872, TSA Modernization Act (Senate Report 115–266)
- S. 1015, National Suicide Hotline Improvement Act of 2017 (Senate Report 115–213)
- Nomination of Ann Marie Buerkle, to be Chairman of the Consumer Product Safety Commission (CPSC), and to be a Commissioner of the CPSC for a term of seven years (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Walter G. Copan, of Colorado, to be Under Secretary of Commerce for Standards and Technology (Confirmed October 5, 2017)

- Nomination of Howard R. Elliott, of Indiana, to be Administrator of the Pipeline and Hazardous Materials Safety Administration, Department of Transportation (Confirmed October 5, 2017)
- Nomination of Timothy Gallaudet, of California, to be Assistant Secretary of Commerce for Oceans and Atmosphere (Confirmed October 5, 2017)
- Nomination of David J. Redl, of New York, to be Assistant Secretary of Commerce for Communications and Information (Confirmed November 7, 2017)

*November 8, 2017*—Consider and approve the following:

- S. 1693, Stop Enabling Sex Traffickers Act of 2017 (Senate Report 115–199)
- S. 1668, A bill to rename a waterway in the State of New York as the “Joseph Sanford Jr. Channel” (Senate Report 115–221)
- Nomination of Dana Baiocco, of Ohio, to be a Commissioner of the Consumer Product Safety Commission for a term of seven years from October 27, 2017 (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of James Bridenstine, of Oklahoma, to be Administrator of the National Aeronautics and Space Administration (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Neil Jacobs, of North Carolina, to be an Assistant Secretary of Commerce (Confirmed February 15, 2018)
- Nomination of Bruce Landsberg, of South Carolina, to be a Member of the National Transportation Safety Board for a term expiring December 31, 2022 (Confirmed July 24, 2018)
- Nomination of Raymond Martinez, of New Jersey, to be Administrator of the Federal Motor Carrier Safety Administration (Confirmed February 13, 2018)
- Nomination of Nazakhtar Nikakhtar, of Maryland, to be an Assistant Secretary of Commerce (Confirmed March 19, 2018)
- Nomination of Diana Furchtgott-Roth, of Maryland, to be an Assistant Secretary of Transportation (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Leon A. Westmoreland, of Georgia, to be a Director of the Amtrak Board of Directors for a term of five years (Returned to President under Senate Rule XXXI, paragraph 6)

*December 13, 2017*—Consider and approve the following:

- S. 2202, National Transportation Safety Board Reauthorization Act (Senate Report 115–293)
- S. 2200, National Integrated Drought Information System Reauthorization Act of 2018 (Senate Report 115–256)
- S. 1768, National Earthquake Hazards Reduction Program Reauthorization Act of 2017 (Senate Report 115–336)
- Nomination of Barry Lee Myers, of Pennsylvania, to be Under Secretary of Commerce for Oceans and Atmosphere

(Returned to President under Senate Rule XXXI, paragraph 6)

- Coast Guard Promotions (PN474—Confirmed in first part December 14, 2017, and second part February 14, 2018; PN1174—Confirmed December 14, 2017; PN1175—Confirmed December 14, 2017; PN1176—Confirmed December 14, 2017; PN1259—Confirmed December 14, 2017; PN1260—Confirmed December 14, 2017; PN1261—Confirmed December 14, 2017; and PN1277—Confirmed December 14, 2017)

*January 18, 2018*—Consider and approve the following:

- Nomination of Leon A. Westmoreland, of Georgia, to be a Director of the Amtrak Board of Directors for a term of five years (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Barry Lee Myers, of Pennsylvania, to be Under Secretary of Commerce for Oceans and Atmosphere (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Diana Furchtgott-Roth, of Maryland, to be an Assistant Secretary of Transportation (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Brendan Carr, of Virginia, to be a Member of the Federal Communications Commission for a term of five years from July 1, 2018 (Confirmed January 2, 2019)
- Nomination of Ann Marie Buerkle, to be Chairman of the Consumer Product Safety Commission (CPSC), and to be a Commissioner of the CPSC for a term of seven years (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of James Bridenstine, of Oklahoma, to be Administrator of the National Aeronautics and Space Administration (Confirmed April 19, 2018)
- Nomination of Dana Baiocco, of Ohio, to be a Commissioner of the Consumer Product Safety Commission for a term of seven years from October 27, 2017 (Confirmed May 22, 2018)

*February 28, 2018*—Consider and approve the following:

- S. 1520, Modernizing Recreational Fisheries Management Act of 2017 (Senate Report 115–264)
- Nomination of Joseph Simons, of Virginia, to be a Federal Trade Commissioner, Chairman Designate (Confirmed April 26, 2018)
- Nomination of Noah Joshua Phillips, of Maryland, to be a Federal Trade Commissioner (Confirmed April 26, 2018)
- Nomination of Christine Wilson, of Virginia, to be a Federal Trade Commissioner (Confirmed April 26, 2018)
- Nomination of Rohit Chopra, of New York, to be a Federal Trade Commissioner (Confirmed April 26, 2018)

*April 25, 2018*—Consider and approve the following:

- S. 2717, Maritime Authorization and Enhancement Act for Fiscal Year 2019 (Senate Report 115–292)
- S. 2369, Whaling Convention Amendments Act of 2018 (Senate Report 115–425)

- S. 2511, CENOTE Act of 2018 (Senate Report 115–291)
- S. 2343, Precision Agriculture Connectivity Act of 2018 (Senate Report 115–342)
- Nomination of Vice Adm. Karl L. Schultz to Admiral and to be Commandant of the United States Coast Guard (Confirmed May 9, 2018)
- Nomination of Vice Adm. Charles W. Ray to be Vice Commandant of the United States Coast Guard (Confirmed May 16, 2018)
- Nomination of Patrick Fuchs, of Wisconsin, to be a Member of the Surface Transportation Board (Confirmed January 2, 2019)
- Nomination of Michelle A. Schultz, of Pennsylvania, to be a Member of the Surface Transportation Board (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Rebecca Kelly Slaughter, of Maryland, to be a Federal Trade Commissioner (Confirmed April 26, 2018)
- Nomination of Rubydee Calvert, of Wyoming, to be a Member of the Corporation for Public Broadcasting, as the Public TV Stations Representative (Confirmed May 24, 2018)
- Nomination of Laura Gore Ross, of New York, to be a Member of the Corporation for Public Broadcasting (Confirmed May 24, 2018)
- Nomination of Alan E. Cobb, of Kansas, to be a Member of the Board of Directors of the Metropolitan Washington Airports Authority (Returned to President under Senate Rule XXXI, paragraph 6)

*May 22, 2018*—Consider and approve the following:

- S. 2848, Fighting Opioid Abuse in Transportation Act (Senate Report 115–286)
- S. 2842, Opioid Addiction Recovery Fraud Prevention Act of 2018 (Senate Report 115–285)
- S. 2844, STB Information Security Improvement Act (Senate Report 115–322)
- S. 2764, Sustainable Shark Fisheries and Trade Act of 2018 (Senate Report 115–442)
- S. 2418, Rural Reasonable and Comparable Wireless Access Act of 2018 (Senate Report 115–345)
- Nomination of Joseph Ryan Gruters, of Florida, to be a Director of the Amtrak Board of Directors (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Jennifer L. Homendy, of Virginia, to be a Member of the National Transportation Safety Board (Confirmed July 24, 2018)
- Coast Guard Promotions (PN1883—Confirmed May 24, 2018; PN1882—Confirmed May 24, 2018; PN1881—Confirmed May 24, 2018; PN1874—Confirmed May 24, 2018; PN1873—Confirmed May 24, 2018; PN1872—Confirmed May 24, 2018; PN1871—Confirmed May 24, 2018; and PN1530—Confirmed May 24, 2018)

*June 27, 2018*—Consider and approve the following:

- S. 645, Measuring the Economic Impact of Broadband Act of 2017 (Senate Report 115–341)
- S. 1092, Interstate Transport Act of 2017 (Senate Report 115–327)
- S. 1896, TSA LEAP Pay Reform Act of 2017 (waived Senate Report)
- S. 2941, Strengthening the Cooperative Observer Program Act of 2018 (Senate Report 115–357)
- S. 3094, Transportation Worker Identification Credential Act of 2018 (Senate Report 115–305)
- H.R. 4254, Women in Aerospace Education Act (waived Senate Report)
- H.R. 4467, Strengthening Aviation Security Act (waived Senate Report)
- H.R. 4559, Global Aviation System Security Reform Act (waived Senate Report)
- Nomination of Karen Dunn Kelley, of Pennsylvania, to be Deputy Secretary of Commerce (Confirmed November 28, 2018)
- Nomination of Heidi R. King, of California, to be Administrator of the National Highway Traffic Safety Administration (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Geoffrey Adam Starks, of Kansas, to be a Member of the Federal Communications Commission (Confirmed January 2, 2019)
- Nomination of Peter A. Feldman, of the District of Columbia, to be a Commissioner of the Consumer Product Safety Commission (Confirmed September 25, 2018; 2d term September 26, 2018)
- Promotion of Coast Guard Rear Admiral Andrew S. McKinley (Confirmed July 18, 2018)

*August 1, 2018*—Consider and approve the following:

- S. 3277, Space Frontier Act of 2018 (Senate Report 115–397)
- S. 2242, COASTAL Implementation Act of 2017 (Senate Report 115–347)
- S. 2861, Passenger Rail Crew Protection Parity Act (Senate Report 115–356)
- S. 3119, Endangered Salmon Predation Prevention Act (Senate Report 115–400)
- S. 3143, National Quantum Initiative Act (Senate Report 115–389)
- S. 3265, Waterfront Community Revitalization and Resiliency Act of 2018 (Senate Report 115–348)
- S. 3273, Port Operations, Research, and Technology Act (Senate Report 115–324)
- Nomination of Martin Oberman, of Illinois, to be a Member of the Surface Transportation Board (Confirmed January 2, 2019)

*September 5, 2018*—Consider and approve the following:

- S. 1965, Allowing Alaska IVORY Act (Senate Report 115–415)
- S. 2773, Driftnet Modernization and Bycatch Reduction Act (Senate Report 115–430)
- S. 3367, Department of Transportation Reports Harmonization Act (Senate Report 115–390)
- H.R. 4323, Supporting Veterans in STEM Careers Act (waived Senate Report)
- Nomination of Rick Dearborn, of Oklahoma, to be a Director of the Amtrak Board of Directors (Returned to President under Senate Rule XXXI, paragraph 6)
- Nomination of Kelvin Droegemeier, of Oklahoma, to be Director of the Office of Science and Technology Policy (Confirmed January 2, 2019)
- Nomination of James Morhard, of Virginia, to be Deputy Administrator of the National Aeronautics and Space Administration (Confirmed October 11, 2018)
- Nomination of Joel Szabat, of Maryland, to be an Assistant Secretary of Transportation (Confirmed January 2, 2019)

#### HEARINGS

The Committee held 47 full Committee hearings, including 9 field hearings and 1 joint hearing, during the 115th Congress.

Date	Title
February 1, 2017	A Growth Agenda: Reducing Unnecessary Regulatory Burdens (S.Hrg. 115–110)
February 8, 2017	A Look Ahead: Inspector General Recommendations for Improving Federal Agencies (S.Hrg. 115–59)
March 1, 2017	Connecting America: Improving Access to Infrastructure for Communities Across the Country (S.Hrg. 115–60)
March 8, 2017	Oversight of the Federal Communications Commission (S.Hrg. 115–138)
March 15, 2017	Unmanned Aircraft Systems: Innovation, Integrations, Successes, and Challenges (S.Hrg. 115–62)
March 22, 2017	The Promises and Perils of Emerging Technologies for Cybersecurity (S.Hrg. 115–140)
March 29, 2017	Closing the Skills Gap and Boosting U.S. Competitiveness (S.Hrg. 115–152)
April 10, 2017*	Extreme Weather and Coastal Flooding: What Is Happening Now, What Is the Future Risk, and What Can We Do About It? (S.Hrg. 115–67)
May 3, 2017	Investing in America’s Broadband Infrastructure: Exploring Ways to Reduce Barriers to Deployment (S.Hrg. 115–153)
May 17, 2017	Current Issues in American Sports: Protecting the Health and Safety of American Athletes (S.Hrg. 115–218)
June 7, 2017	FAA Reauthorization: Administration Perspectives (S.Hrg. 115–221)
June 14, 2017	Paving the Way for Self-Driving Vehicles (S.Hrg. 115–279)

Date	Title
July 12, 2017	Force Multipliers: How Transportation and Supply Chain Stakeholders Are Combating Human Trafficking (S.Hrg. 115–282)
August 10, 2017*	Threats Facing Florida’s Tourism Driven Economy (S.Hrg. 115–226)
August 23, 2017*	Reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act: Oversight of Fisheries Management Successes and Challenges (S.Hrg. 115–432)
September 6, 2017	Risk of Waste, Fraud and Abuse in the Federal Communications Commission’s Lifeline Program
September 13, 2017	Transportation Innovation: Automated Trucks and Our Nation’s Highways (S.Hrg. 115–434)
September 19, 2017	S. 1693, The Stop Enabling Sex Traffickers Act of 2017
October 13, 2017*	Expanding Broadband Infrastructure in the Granite State
October 25, 2017	The Commercial Satellite Industry: What’s Up and What’s on the Horizon
November 8, 2017	Protecting Consumers in the Era of Major Data Breaches
January 17, 2018	Terrorism and Social Media: #IsBigTechDoingEnough? (S.Hrg. 115–316)
January 24, 2018*	Driving Automotive Innovation and Federal Policies
January 25, 2018	This Is Not a Drill: An Examination of Emergency Alert Systems
January 30, 2018	Growing the Future: Opportunities to Support Domestic Seafood Through Aquaculture
January 30, 2018	One Year Later: The American Innovation and Competitiveness Act
March 1, 2018	Implementation of Positive Train Control
March 14, 2018	Rebuilding Infrastructure in America: Administration Perspectives
March 20, 2018	Update on NHTSA and Automaker Efforts to Repair Defective Takata Air Bag Inflators
April 5, 2018*	Hawaii False Missile Alert: What Happened and What Should We Do Next?
April 10, 2018 †	Facebook, Social Media Privacy, and the Use and Abuse of Data
April 12, 2018	Are We Ready for the Next Hurricane Season? Status of Preparation and Response Capabilities for 2018
April 18, 2018	Abusive Robocalls and How We Can Stop Them
June 13, 2018	Oversight of the National Telecommunications and Information Administration
July 11, 2018	Complex Cybersecurity Vulnerabilities: Lessons Learned From Spectre and Meltdown
July 18, 2018	SHARKS!
July 25, 2018	The Race to 5G: Exploring Spectrum Needs to Maintain U.S. Global Leadership
August 16, 2018	Oversight of the Federal Communications Commission (FCC)
August 20, 2018*	Pipeline Safety in the Great Lakes: Incident Prevention and Response Efforts at the Straits of Mackinac
September 5, 2018	Keeping Our Skies Secure: Oversight of the Transportation Security Administration

Date	Title
September 13, 2018	Transportation of Tomorrow: Emerging Technologies That Will Move America
September 26, 2018	Examining Safeguards for Consumer Data Privacy
October 3, 2018	Implementation of Positive Train Control
October 4, 2018	Broadband: Opportunities and Challenges in Rural America
October 10, 2018	Consumer Data Privacy: Examining Lessons From the European Union's General Data Protection Regulation and the California Consumer Privacy Act
October 12, 2018 *	The Race to 5G: A View From the Field
November 26, 2018 *	Pipeline Safety in the Merrimack Valley: Incident Prevention and Response

\* Field hearing.

† Joint hearing with the Senate Committee on the Judiciary.

D. SUBCOMMITTEE ON AVIATION OPERATIONS, SAFETY, AND  
SECURITY

MEMBERS DURING THE 115TH CONGRESS<sup>3, 4</sup>

Republicans:	Democrats:
Senator Blunt ( <i>Chairman</i> )	Senator Cantwell ( <i>Ranking</i> )
Senator Wicker	Senator Klobuchar
Senator Cruz	Senator Blumenthal
Senator Fischer	Senator Schatz
Senator Moran	Senator Markey
Senator Sullivan	Senator Udall
Senator Heller	Senator Peters
Senator Inhofe	Senator Baldwin
Senator Lee	Senator Duckworth
Senator Capito	Senator Hassan
Senator Gardner	Senator Tester
Senator Young	

The Subcommittee on Aviation Operations, Safety, and Security dedicated itself to advancing legislation to make aviation safer and more secure for the flying public.

Following a comprehensive series of hearings to examine the wide-ranging issues for consideration in the Federal Aviation Administration (FAA) reauthorization, the subcommittee developed and considered the FAA Reauthorization Act of 2017 (S. 1405). In parallel to the drafting of that safety and infrastructure legislation, the subcommittee also held hearings on improving aviation security and on oversight of the Transportation Security Administration (TSA) that informed the development of the TSA Modernization Act (S. 1872).

After extensive bipartisan and bicameral negotiations, key features of the FAA Reauthorization Act of 2017 and the TSA Modernization Act were included in H.R. 302, the legislative vehicle for the FAA and TSA reauthorizations. Key provisions of the Committee-passed S. 1405 that were included as part of H.R. 302 address airline safety, funding for airport infrastructure, the safe integration of unmanned aircraft systems (UAS) into the National Airspace System, rural access to the aviation network, and improving consumer protections for the traveling public. Similarly, security provisions from the TSA Modernization Act that reform the TSA's organizational structure, advance deployment of improved screening technologies and explosive detection canines, promote security in public areas, and mitigate airport security delays were also included within H.R. 302.

The Senate approved H.R. 302 by a vote of 93-to-6, and the bill became Public Law 115–254.

The subcommittee also assisted in the development of the Preventing Emerging Threats Act, which provides certain UAS-mitigation authorities to the Departments of Homeland Security and Jus-

<sup>3</sup> In addition to the members listed for each individual subcommittee, the Chairman and Ranking Member of the full Committee serve as ex officio members of all subcommittees.

<sup>4</sup> Senator Jon Tester joined the subcommittee on January 9, 2018, following the departure of Senator Cory A. Booker, who served on the subcommittee from October 31, 2013, until January 8, 2018.

tice, and the National Transportation Safety Board Reauthorization Act (S. 2202), both of which were enacted as divisions of Public Law 115–254.

#### HEARINGS

This subcommittee held 9 hearings during the 115th Congress.

Date	Title
February 16, 2017	Stakeholder Perspectives on Improving TSA for the Security of the Traveling Public (S.Hrg. 115–42)
March 15, 2017 *	Unmanned Aircraft Systems: Innovation, Integrations, Successes, and Challenges (S.Hrg. 115–62)
March 23, 2017	FAA Reauthorization: Perspectives on Improving Airport Infrastructure and Aviation Manufacturing (S.Hrg. 115–64)
April 6, 2017	FAA Reauthorization: Perspectives on Rural Air Service and the General Aviation Community (S.Hrg. 115–66)
May 4, 2017	Questions, Answers, and Perspectives on the Current State of Airline Travel (S.Hrg. 115–154)
June 7, 2017 *	FAA Reauthorization: Administration Perspectives (S.Hrg. 115–221)
September 28, 2017	TSA Modernization: Improvements to Aviation Security (S.Hrg. 115–436)
May 8, 2018	Keeping Pace With Innovation—Update on the Safe Integration of Unmanned Aircraft Systems Into the Airspace
September 5, 2018 *	Keeping Our Skies Secure: Oversight of the Transportation Security Administration

\* Full Committee hearing.

E. SUBCOMMITTEE ON COMMUNICATIONS, TECHNOLOGY, INNOVATION  
AND THE INTERNET

MEMBERS DURING THE 115TH CONGRESS <sup>5</sup>

Republicans:	Democrats:
Senator Wicker ( <i>Chairman</i> )	Senator Schatz ( <i>Ranking</i> )
Senator Blunt	Senator Cantwell
Senator Cruz	Senator Klobuchar
Senator Fischer	Senator Blumenthal
Senator Moran	Senator Markey
Senator Sullivan	Senator Udall
Senator Heller	Senator Peters
Senator Inhofe	Senator Baldwin
Senator Lee	Senator Duckworth
Senator Johnson	Senator Hassan
Senator Capito	Senator Cortez Masto
Senator Gardner	Senator Tester
Senator Young	

The Subcommittee on Communications, Technology, Innovation, and the Internet worked on legislative items to advance next-generation broadband services, reauthorize the Federal Communications Commission (FCC) for the first time in nearly 30 years, and protect individuals by cracking down on the use of websites for illegal sex trafficking.

With the passage of MOBILE NOW (S. 19) as part of the Consolidated Appropriations Act, 2018 (P.L. 115–141), the Committee made a down payment on the spectrum and infrastructure needs essential to securing American leadership in the race for 5G. MOBILE NOW streamlines deployment on Federal lands, encourages more efficient deployment in rights of way, promotes availability of mid-band spectrum for both licensed and unlicensed use, and prepares for mobile use of high-band spectrum. MOBILE NOW requires that the National Telecommunications and Information Administration and the Federal Communications Commission (FCC) identify a total of at least 255 megahertz of Federal and non-Federal spectrum for mobile and fixed wireless broadband use, securing spectrum for both licensed and unlicensed use.

The Consolidated Appropriations Act, 2018 reauthorizes the FCC for the first time in 28 years, a long-overdue step in exercising oversight of this important agency.

The Consolidated Appropriations Act, 2018 contains a number of additional provisions designed to do the following: give law enforcement and the FCC additional authority to stop fraudulent telephone calls from persons using false caller identification information; speed the recovery of communications infrastructure after natural disasters; require the FCC to standardize its wireless coverage data; and provide support necessary to ensure successful completion of the broadcast incentive auction spectrum repack.

Kari's Law (P.L. 115–127), signed into law in February 2018, requires that most new multi-line phone systems, such as those com-

<sup>5</sup> Senator Jon Tester joined the subcommittee on January 9, 2018, following the departure of Senator Cory A. Booker, who served on the subcommittee from October 31, 2013, until January 8, 2018.

monly found in hotels, schools, and hospitals, allow direct dialing to 9-1-1. This is designed to allow immediate access to emergency services in circumstances where callers may not be familiar with requirements to dial some prefix, as is often the case with multiline systems.

With enactment of the Improving Rural Call Quality and Reliability Act (P.L. 115-129), the Committee has given Federal regulators powerful new tools to address the problems of poor call quality and dropped calls in rural America, a problem threatening the safety and economic well-being of America's rural communities.

The Allow States and Victims to Fight Online Sex Trafficking Act of 2017 (FOSTA) was signed into law on April 11, 2018 (P.L. 115-164), and includes the text of the Stop Enabling Sex Traffickers Act (S. 1693; SESTA). The Act creates new accountability for websites hosting ads posted by sex traffickers, allows State attorneys general to prosecute websites that knowingly facilitate trafficking, and enhances criminal penalties for traffickers. Prior to the law's enactment, the Committee held a legislative hearing on SESTA on September 19, 2017, that examined efforts to protect children and other vulnerable individuals from criminal exploitation involving online platforms as well as potential impacts on the operation of the Internet.

The National Suicide Hotline Improvement Act of 2017 (P.L. 115-233), signed into law on August 14, 2018, will assess if implementing a nationwide, dedicated, three-digit dialing code for suicide prevention and mental health (akin to 911 and 411) would be beneficial in preventing suicides. It requires the FCC, in consultation with the Assistant Secretary for Mental Health and Substance Use at the Department of Health and Human Services (HHS) and the Secretary of Veterans Affairs (VA), to conduct a study to explore the effects of using a three-digit dialing code, similar to 911, for a national suicide prevention and mental health crisis line. It will examine the effectiveness of the current National Suicide Prevention Lifeline, including how well it addresses the needs of veterans.

The Committee had before it the Streamlining The Rapid Evolution And Modernization of Leading-edge Infrastructure Necessary to Enhance Small Cell Deployment Act (S. 3157) or the STREAMLINE Small Cell Deployment Act. The STREAMLINE Small Cell Deployment Act represents the critical next step to ensuring America retains leadership in next-generation telecommunications. It seeks to eliminate bureaucratic red tape and excessive government fees unnecessarily slowing the deployment of small cell networks while preserving important local authority over safety and aesthetics and ensuring localities can seek compensation for direct and reasonable costs.

As part of the full Committee's oversight responsibilities, the subcommittee led a hearing to examine policy issues before the FCC and review the Commission's ongoing duties and responsibilities. The subcommittee convened a hearing entitled "There's an App for That: Trends in Mobile Technologies" that allowed members to discuss the state of the mobile app economy and its role in fostering job creation, innovation, and technology investment in the United States.

International Internet policies impacting the competitiveness and investment of U.S. businesses domestically and abroad in the global digital economy were discussed during the subcommittee's hearing entitled "The Internet and Digital Communications: Examining the Impact of Global Internet Governance." The subcommittee also held a hearing entitled "Rebuilding Infrastructure in America: Investing in Next Generation Broadband" that reviewed lessons learned from past programs to advance telecommunication capabilities while looking forward to future initiatives to help close the digital divide.

#### HEARINGS

This subcommittee held 22 hearings, including 3 field hearings, during the 115th Congress.

Date	Title
March 2, 2017	Exploring the Value of Spectrum to the U.S. Economy (S.Hrg. 115–90)
March 8, 2017 *	Oversight of the Federal Communications Commission (S.Hrg. 115–138)
May 3, 2017 *	Investing in America's Broadband Infrastructure: Exploring Ways to Reduce Barriers to Deployment (S.Hrg. 115–153)
June 20, 2017	The Universal Service Fund and Rural Broadband Investment (S.Hrg. 115–280)
July 20, 2017	An Update on FirstNet (S.Hrg. 115–479)
September 6, 2017 *	Risk of Waste, Fraud and Abuse in the Federal Communications Commission's Lifeline Program
September 19, 2017 *	S. 1693, The Stop Enabling Sex Traffickers Act of 2017
October 13, 2017 * †	Expanding Broadband Infrastructure in the Granite State
October 25, 2017 *	The Commercial Satellite Industry: What's Up and What's on the Horizon
November 7, 2017	Advancing the Internet of Things in Rural America
December 12, 2017	Digital Decision-Making: The Building Blocks of Machine Learning and Artificial Intelligence
January 25, 2018 *	This Is Not a Drill: An Examination of Emergency Alert Systems
March 13, 2018	Rebuilding Infrastructure in America: Investing in Next Generation Broadband
April 5, 2018 * †	Hawaii False Missile Alert: What Happened and What Should We Do Next?
April 18, 2018 *	Abusive Robocalls and How We Can Stop Them
May 15, 2018	There's an App for That: Trends in Mobile Technologies
June 13, 2018 *	Oversight of the National Telecommunications and Information Administration
July 25, 2018 *	The Race to 5G: Exploring Spectrum Needs to Maintain U.S. Global Leadership
July 31, 2018	The Internet and Digital Communications: Examining the Impact of Global Internet Governance
August 16, 2018 *	Oversight of the Federal Communications Commission (FCC)
October 4, 2018 *	Broadband: Opportunities and Challenges in Rural America

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Date	Title
October 12, 2018 *†	The Race to 5G: A View From the Field

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\* Full Committee hearing.  
† Field hearing.

F. SUBCOMMITTEE ON CONSUMER PROTECTION, PRODUCT SAFETY,  
INSURANCE, AND DATA SECURITY

MEMBERS DURING THE 115TH CONGRESS <sup>6</sup>

Republicans:	Democrats:
Senator Moran ( <i>Chairman</i> )	Senator Blumenthal ( <i>Ranking</i> )
Senator Blunt	Senator Klobuchar
Senator Cruz	Senator Markey
Senator Fischer	Senator Udall
Senator Heller	Senator Duckworth
Senator Inhofe	Senator Hassan
Senator Lee	Senator Cortez Masto
Senator Capito	Senator Schatz
Senator Young	

The Subcommittee on Consumer Protection, Product Safety, Insurance, and Data Security worked to protect consumers from unfair and deceptive practices by, among other things, investigating and exposing a “robocall mastermind” who was contributing to the scourge of unsolicited robocalls, holding firms accountable for failing to protect consumer privacy, and legislating and conducting oversight in response to troubling revelations about sexual abuse in Olympic and amateur sports.

The United States Center for Safe Sport Authorization Act (S. 1426) was referred to the Committee under the subcommittee’s jurisdiction and ultimately became part of Public Law 115–126 after being merged with S. 534, a bill introduced by Senator Feinstein. The Act addresses the response to and prevention of sexual abuse of minors and amateur athletes by requiring the prompt reporting of sexual abuse to law enforcement and authorizing the United States Center for Safe Sport to serve as an independent entity to safeguard amateur athletes against abuse, including emotional, physical and sexual abuse in sports.

Other legislation reported favorably out of Committee that falls within the subcommittee’s jurisdiction includes: S. 118, the Reinforcing American Made Products Act; S. 374, the Concrete Masonry Products Research, Education, and Promotion Act; and S. 2842, the Opioid Addiction Recovery Fraud Prevention Act.

In addition to legislation, the subcommittee was particularly active with respect to oversight of Olympic and amateur sports in the aftermath of the conviction of Dr. Larry Nasser, a former physician for the U.S.A. Gymnastics team, on Federal child pornography charges, and allegations of sexual abuse of hundreds of child athletes over decades. The subcommittee held three oversight hearings on the matter, at one point subpoenaing the appearance of the former chief executive officer of U.S.A. Gymnastics (who ultimately asserted his Fifth Amendment right against self-incrimination) and the former president of Michigan State University, where Dr. Nasser was an assistant professor and team physician.

The subcommittee also has diligently worked to enhance driver safety by reporting favorably S. 1885, the American Vision for

<sup>6</sup> Senator Brian Schatz joined the subcommittee on January 9, 2018, following the departure of Senator Cory A. Booker, who served on the subcommittee from October 31, 2013, until January 8, 2018.

Safer Transportation Through Advancement of Revolutionary Technologies (AV START) Act. This bill is intended to advance the development and deployment of highly automated vehicles in a safe and responsible manner, while avoiding unreasonable restrictions on the introduction of the technology into interstate commerce.

As part of its oversight responsibilities, the subcommittee contributed significantly to a joint Commerce Committee and Judiciary Committee hearing with Facebook chief executive officer Mark Zuckerberg entitled “Facebook, Social Media Privacy, and the Use and Abuse of Data” held on April 10, 2018. The subcommittee also convened a follow-on hearing entitled “Cambridge Analytica and Other Facebook Partners: Examining Data Privacy Risks.” In addition to these hearings, the subcommittee also contributed significantly to a full committee hearing entitled “Protecting Consumers in the Era of Major Data Breaches” that featured testimony from the current and former chief executive officers of Equifax and Yahoo! regarding the data breaches affecting hundreds of millions of consumers. The subcommittee also convened a hearing entitled “Data Security and Bug Bounty Programs: Lessons Learned from the Uber Breach and Security Researchers.” These hearings represented a part of the Committee’s efforts to hold firms accountable for failing to protect consumer privacy.

The subcommittee also substantially contributed to the full committee hearing entitled, “Abusive Robocalls and How We Can Stop Them,” that featured a subpoenaed witness who faced \$120 million in penalties from the FCC.

#### HEARINGS

This subcommittee held 23 hearings, including 1 field hearing and 1 joint hearing, during the 115th Congress.

Date	Title
March 21, 2017	Staying A Step Ahead: Fighting Back Against Scams Used to Defraud Americans (S.Hrg. 115–139)
March 22, 2017 *	The Promises and Perils of Emerging Technologies for Cybersecurity (S.Hrg. 115–140)
May 17, 2017 *	Current Issues in American Sports: Protecting the Health and Safety of American Athletes (S.Hrg. 115–218)
May 24, 2017	Pool Safety: The Tenth Anniversary of the Virginia Graeme Baker Pool and Spa Safety Act (S.Hrg. 115–220)
June 14, 2017 *	Paving the Way for Self-Driving Vehicles (S.Hrg. 115–279)
August 3, 2017	Insurance Fraud in America: Current Issues Facing Industry and Consumers (S.Hrg. 115–431)
September 26, 2017	FTC Stakeholder Perspectives: Reform Proposals to Improve Fairness, Innovation, and Consumer Welfare
November 8, 2017 *	Protecting Consumers in the Era of Major Data Breaches
November 14, 2017	Technology in Agriculture: Data-Driven Farming
January 17, 2018 *	Terrorism and Social Media: #IsBigTechDoingEnough? (S.Hrg. 115–316)
January 24, 2018 * †	Driving Automotive Innovation and Federal Policies

Date	Title
February 6, 2018	Data Security and Bug Bounty Programs: Lessons Learned From the Uber Breach and Security Researchers
March 20, 2018 *	Update on NHTSA and Automaker Efforts to Repair Defective Takata Air Bag Inflators
April 10, 2018 * ‡	Facebook, Social Media Privacy, and the Use and Abuse of Data
April 18, 2018	Olympic Abuse: The Role of National Governing Bodies in Protecting Our Athletes
June 5, 2018	Preventing Abuse in Olympic and Amateur Athletics: Ensuring a Safe and Secure Environment for Our Athletes
June 19, 2018	Cambridge Analytica and Other Face
July 11, 2018 *	Complex Cybersecurity Vulnerabilities: Lessons Learned From Spectre and Meltdown
July 24, 2018	Strengthening and Empowering U.S. Amateur Athletes: Moving Forward With Solutions
September 26, 2018 *	Examining Safeguards for Consumer Data Privacy
October 3, 2018	Protecting U.S. Amateur Athletes: Examining Abuse Prevention Efforts Across the Olympic Movement
October 10, 2018 *	Consumer Data Privacy: Examining Lessons From the European Union's General Data Protection Regulation and the California Consumer Privacy Act
November 27, 2018	Oversight of the Federal Trade Commission

\* Full Committee hearing.

† Field hearing.

‡ Joint hearing with the Senate Committee on the Judiciary.

G. SUBCOMMITTEE ON OCEANS, ATMOSPHERE, FISHERIES, AND  
COAST GUARD<sup>7</sup>MEMBERS DURING THE 115TH CONGRESS<sup>8,9</sup>

Republicans:	Democrats:
Senator Sullivan ( <i>Chairman</i> )	Senator Baldwin ( <i>Ranking</i> )
Senator Wicker	Senator Cantwell
Senator Fischer	Senator Blumenthal
Senator Inhofe	Senator Schatz
Senator Lee	Senator Markey
Senator Johnson	Senator Peters
Senator Gardner	
Senator Young	

The Subcommittee on Oceans, Atmosphere, Fisheries, and Coast Guard passed legislation in all areas of the subcommittee's jurisdiction. Major legislation improving the National Oceanic and Atmospheric Association's weather prediction and Coast Guard's regulation of ballast water were priorities, but bills addressing issues as diverse as harmful algal blooms and recreational fisheries were also enacted into law.

## WEATHER

The Weather Research and Forecasting Innovation Act of 2017 (P.L. 115–25) was enacted on April 18, 2018. This comprehensive legislation directs the National Weather Service to improve seasonal to subseasonal weather forecasting, which will allow farmers and ranchers to make more informed business decisions. It also authorizes funding for weather research, provides programmatic direction for the National Weather Service, improves forecast communication for severe weather, and improves the current watch and warning system. The legislation was developed over several Congresses with over 100 stakeholder meetings, several hearings, and multiple bills earlier contributing to Public Law 115–25.

The National Integrated Drought Information System Reauthorization Act of 2018 was enacted on January 7, 2019 (P.L. 115–423), and authorizes funding for the National Integrated Drought Information System. It also requires the Under Secretary of Commerce for Oceans and Atmosphere to develop a strategy for a national coordinated soil moisture monitoring.

## FISH

H.R. 4528, a bill to make technical amendments that clarify an exemption in the Billfish Conservation Act of 2012 (16 U.S.C. 1827a; Act of 2012), was enacted as Public Law 115–228 on August 2, 2018. The Act corrects a drafting error in the Act of 2012 and

<sup>7</sup>H.R. 6452, a bill to implement the Convention on the Conservation and Management of High Seas Fisheries Resources in the North Pacific Ocean, to implement the Convention on the Conservation and Management of High Seas Fishery Resources in the South Pacific Ocean, and for other purposes, was not referred to the Committee, but became Public Law 114–327.

<sup>8</sup>Senator Tammy Baldwin became the ranking member on the subcommittee for the 115th Congress on January 9, 2018, following Senator Gary Peters, who served as the ranking member on the subcommittee for the 115th Congress until January 8, 2018.

<sup>9</sup>Senator Cory A. Booker served on the subcommittee for the 115th Congress until January 8, 2018.

specifies that billfish can only be landed and retained in Hawaii, thus ensuring billfish are not routed through Hawaii and sold to the U.S. mainland.

#### COAST GUARD

The Frank LoBiondo Coast Guard Authorization Act of 2018 was enacted on December 4, 2018 (P.L. 115–282). This comprehensive legislation authorizes funding for the Coast Guard’s operating expenses, procurements, and other major accounts, as well as an end-of-year strength for Active Duty personnel, for fiscal years 2018 and 2019. The Act contains over 20 legislative requests from the Coast Guard, several of which give Coast Guard parity with the other military services, including hiring and contracting authority and defense against unmanned aerial systems. The Act also provides the Coast Guard enhanced maritime law enforcement and national defense authorities to protect U.S. vessels and critical assets from surface and airborne threats.

#### VIDA

The Vessel Incidental Discharge Act (VIDA) was enacted on December 4, 2018, as part of the Frank LoBiondo Coast Guard Authorization Act of 2018 (P.L. 115–282). This Act provides a nationwide uniform standard for vessel discharges and ballast water standards. It replaces an inconsistent and unmanageable patchwork of standards for each State or port. National standards provide predictability for the maritime industry and technology providers that will encourage investment in innovative systems that both ease commerce and improve environmental protection.

#### HEARINGS

This subcommittee held 23 hearings, including 4 field hearings, during the 115th Congress.

Date	Title
March 22, 2017	State of the Coast Guard: Ensuring Military, National Security, and Enforcement Capability and Readiness (S.Hrg. 115–63)
April 10, 2017* †	Extreme Weather and Coastal Flooding: What Is Happening Now What Is the Future Risk, and What Can We Do About It? (S.Hrg. 115–67)
June 27, 2017	Marine Sanctuaries: Fisheries, Access, the Environment, and Maritime Heritage (S.Hrg. 115–224)
July 25, 2017	Efforts on Marine Debris in the Oceans and Great Lakes (S.Hrg. 115–225)
August 1, 2017	Reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act: NOAA and Council Perspectives
August 10, 2017* †	Threats Facing Florida’s Tourism Driven Economy (S.Hrg. 115–226)
August 23, 2017* †	Reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act: Oversight of Fisheries Management Successes and Challenges (S.Hrg. 115–432)

Date	Title
September 12, 2017	Reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act: Oversight of Fisheries Management Successes and Challenges (S.Hrg. 115–433)
October 24, 2017	Reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act: Fisheries Science
October 31, 2017	Exploring Native American Subsistence Rights and International Treaties
November 16, 2017	Coast Guard Readiness: How Far Can We Stretch Our Nation's Only Multi-Mission, Military Force?
December 12, 2017	National Ocean Policy: Stakeholder Perspectives
January 30, 2018 *	Growing the Future: Opportunities to Support Domestic Seafood Through Aquaculture
April 12, 2018 *	Are We Ready for the Next Hurricane Season? Status of Preparation and Response Capabilities for 2018
April 25, 2018	Enhancing the Marine Mammal Protection Act
June 5, 2018	A Decade of the Digital Coast Partnership Program: Successes and Opportunities
July 18, 2018 *	SHARKS!
July 24, 2018	NOAA's Blue Economy Initiative: Supporting Commerce in American Oceans and Great Lakes
August 28, 2018	Harmful Algal Blooms: The Impact on Our Nation's Waters
September 18, 2018	Fish Fights: An Examination of Conflicts Over Ocean Resources
October 11, 2018	The Future of the Fleets: Coast Guard and NOAA Ship Recapitalization
October 20, 2018 †	The State of Our Salmon
December 6, 2018	Preparing for Maritime Transportation in a Changing Arctic

\* Full Committee hearing.

† Field hearing.

H. SUBCOMMITTEE ON SPACE, SCIENCE, AND COMPETITIVENESS  
MEMBERS DURING THE 115TH CONGRESS

Republicans:	Democrats:
Senator Cruz ( <i>Chairman</i> )	Senator Markey ( <i>Ranking</i> )
Senator Moran	Senator Schatz
Senator Sullivan	Senator Udall
Senator Lee	Senator Peters
Senator Johnson	Senator Baldwin
Senator Capito	Senator Hassan
Senator Gardner	

The Subcommittee on Space, Science, and Competitiveness held hearings setting the stage for legislation directing policies and streamlining regulations developed by the agencies under its jurisdiction. The subcommittee has been especially active on civil space issues this Congress and spent much time devoted to understanding the regulatory barriers that affect U.S. companies' abilities to compete globally in the commercial space sector. Building on the hearing record and oversight efforts, Subcommittee Chairman Cruz, Subcommittee Ranking Member Markey, along with full Committee Ranking Member Nelson, introduced S. 3277, the Space Frontier Act of 2018, on July 25, 2018. Seen as supplemental to the U.S. Commercial Space Launch Competitiveness Act (P.L. 114–90), S. 3277 would streamline and reform the regulatory framework for commercial space launch and reentry operations, Earth observation operations, and sustain the utilization of the International Space Station (ISS). An amended version of S. 3277 passed the Senate by unanimous consent on December 20, 2018.

Building off the National Aeronautics and Space Administration (NASA) Transition Authorization Act of 2017 (P.L. 115–10), which was signed into law at the beginning of the 115th Congress, the subcommittee spent time examining NASA's plans for the future, with a heightened focus on the role of the ISS and NASA's plans for human exploration of our solar system. These efforts informed S. 3799, the NASA Authorization Act of 2018, which the subcommittee introduced on December 19, 2018.

The subcommittee also met with numerous stakeholders to inform the development of legislation prioritizing quantum information science. S. 3143, the National Quantum Initiative Act, was introduced by Chairman Thune and Ranking Member Nelson on June 26, 2018, and a House companion, H.R. 6227, was enacted on December 21, 2018 (P.L. 115–368). S. 3143 would prioritize and coordinate Federal quantum research, facilitate development of quantum standards and measures, create a stronger workforce pipeline to maintain U.S. economic and national security, and ultimately give the United States a competitive advantage in key emerging technologies. The bill was ordered to be reported on August 1, 2018.

Finally, the subcommittee refined and facilitated the mark-up of cybersecurity legislation at the full Committee, leading to enactment of both S. 754, the Cyber Scholarship Opportunities Act, and S. 770, the MAIN STREET Cybersecurity Act, in the National Defense Authorization Act for Fiscal Year 2018 (P.L. 115–91) and

John S. McCain National Defense Authorization Act for Fiscal Year 2019 (P.L. 115–232).

HEARINGS

The subcommittee held 10 hearings during the 115th Congress.

Date	Title
March 29, 2017 *	Closing the Skills Gap and Boosting U.S. Competitiveness (S.Hrg. 115–152)
April 26, 2017	Reopening the American Frontier: Reducing Regulatory Barriers and Expanding American Free Enterprise in Space (S.Hrg. 115–68)
May 23, 2017	Reopening the American Frontier: Exploring How the Outer Space Treaty Will Impact American Commerce and Settlement in Space (S.Hrg. 115–219)
July 13, 2017	Reopening the American Frontier: Promoting Partnerships Between Commercial Space and the U.S. Government to Advance Exploration and Settlement (S.Hrg. 115–283)
January 30, 2018 *	One Year Later: The American Innovation and Competitiveness Act
May 16, 2018	Examining the Future of the International Space Station: Administration Perspectives
June 6, 2018	Examining the Future of the International Space Station: Stakeholder Perspectives
July 25, 2018	Destination Mars: Putting American Boots on the Surface of the Red Planet
August 1, 2018	The Search for Life: Utilizing Science to Explore Our Solar System and Make New Discoveries
September 26, 2018	Global Space Race: Ensuring the United States Remains the Leader in Space

\* Full Committee hearing.

I. SUBCOMMITTEE ON SURFACE TRANSPORTATION AND MERCHANT  
MARINE INFRASTRUCTURE, SAFETY AND SECURITY

MEMBERS DURING THE 115TH CONGRESS <sup>10</sup>

Republicans:	Democrats:
Senator Fischer ( <i>Chairman</i> )	Senator Peters ( <i>Ranking</i> )
Senator Wicker	Senator Cantwell
Senator Blunt	Senator Klobuchar
Senator Heller	Senator Blumenthal
Senator Inhofe	Senator Udall
Senator Johnson	Senator Baldwin
Senator Capito	Senator Duckworth
Senator Gardner	Senator Hassan
Senator Young	

The Subcommittee on Surface Transportation and Merchant Marine Infrastructure, Safety, and Security contributed to the enactment of several transportation-related bills in the 115th Congress, as described below.

MARAD

Two reauthorizations of the Maritime Administration (MARAD) became law. S. 1096, Maritime Administration Authorization and Enhancement Act for Fiscal Year 2018, introduced by Senator Fischer and co-sponsored by Senator Booker, strengthened sexual assault and harassment prevention and response at the United States Merchant Marine Academy (USMMA) and provided the USMMA with tools to improve operational flexibility and faculty retention; it was enacted as part of the National Defense Authorization Act for Fiscal Year 2018 (P.L. 115–91). S. 2717, Maritime Administration Authorization and Enhancement Act for Fiscal Year 2019, introduced by Senator Fischer and co-sponsored by Senator Peters, authorized the National Security Multi-Mission Vessel Program, implemented Department of Transportation (DOT) Office of Inspector General (OIG) recommendations to improve protections and incident reporting related to sexual assault and harassment, and improved merchant mariner training; it was enacted as part of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (P.L. 115–232).

HUMAN TRAFFICKING

S. 1532, No Human Trafficking on Our Roads Act, introduced by Senator Thune and cosponsored by Senators Klobuchar, Nelson, Cornyn, Rubio, Blumenthal, and Heller, became law on January 8, 2018 (P.L. 115–106), and permanently disqualifies an individual from operating a commercial motor vehicle who uses the vehicle in committing a felony involving a severe form of human trafficking. Furthermore, S. 1536, Combating Human Trafficking in Commercial Vehicles Act, introduced by Senator Klobuchar and cosponsored by Senators Thune, Nelson, Cornyn, Rubio, Blumenthal, and Hell-

<sup>10</sup>Senator Gary Peters became the ranking member of the subcommittee for the 115th Congress on January 9, 2018, following the departure of Senator Cory A. Booker, who served as the ranking member of the subcommittee for the 115th Congress until January 8, 2018.

er, passed into law on January 3, 2018 (P.L. 115–99), and designates a human trafficking prevention coordinator at the DOT and increases outreach, education, and reporting efforts at the Federal Motor Carrier Safety Administration.

#### TRUCKING JOBS FOR VETERANS

S. 1393, Jobs for Our Heroes Act, introduced by Senator Cornyn and cosponsored by Senators Warren, Tillis, Nelson, Duckworth, Thune, Hassan, Inhofe, Shaheen, Sullivan, Blumenthal, and King, became law on January 8, 2018 (P.L. 115–105). Public Law 115–105 expands VA medical professionals who may qualify to perform physical examinations on eligible veterans and issue medical certificates required for operation of a commercial motor vehicle as well as allow individuals who are currently serving in either the armed services or reserve components to use relevant military experience and training to fulfill CDL requirements.

#### NTSB

S. 2202, National Transportation Board Reauthorization Act of 2017, introduced by Senator Thune and co-sponsored by Senators Nelson, Fischer, Booker, Blunt, and Cantwell, was included in the FAA Reauthorization Act (H.R. 302) enacted into law on October 5, 2018. Specifically, the Act increases transparency by requiring the NTSB to disclose the methodology underlying the selection of safety recommendations and by requiring the NTSB to publish a report on the process it uses to prioritize and select safety recommendations included in the agency’s biennial Most Wanted List. The Act also enhances certain agency investigation authorities by adding still images to existing law regarding the disclosure of transcripts and written depictions of visual information.

#### PORT IMPROVEMENTS

S. 3273, Port Operations, Research, and Technology Act, introduced by Senator Wicker and co-sponsored by Senator Baldwin, sought to enhance a port infrastructure development program by improving its project selection criteria, match requirements, and project eligibilities; it was reported to the Senate on August 20, 2018. In addition, the Federal Maritime Commission Authorization Act of 2017 (S. 1119), introduced by Senator Fischer, sought to enhance the authorities of the Commission to ensure a competitive and reliable international ocean transportation supply system; it was included in the Coast Guard Authorization Act of 2017 (S. 1129) reported to the Senate on June 5, 2017.

#### OPIOIDS

S. 2848, Fighting Opioid Abuse in Transportation Act, introduced by Senator Thune, was included in the SUPPORT for Patients and Communities Act (H.R. 6) enacted into law on October 24, 2018. Specifically, the Act improves drug and alcohol testing requirements for transportation workers by: extending testing requirements to rail mechanical employees; setting a deadline for the issuance of oral fluid testing guidelines; increasing the transparency of testing data; promoting accountability for the issuance

of regulatory actions required by prior statutes; and requiring mandatory testing guidelines to include fentanyl on the drug testing panel if justified.

#### DOT REPORTS

S. 3367, DOT Reports Harmonization Act, introduced by Senator Thune, became law on January 3, 2019. The Act amends certain transportation-related reporting requirements to improve congressional oversight, reduce reporting burdens, and promote transparency. The Act ensures that the public has greater access to information compiled by DOT by requiring the agency to make certain reports publicly available. The Act also helps save agency resources by setting sunset dates for certain DOT-related Federal advisory councils and committees that are, or will be, no longer active.

#### SURFACE AND MARITIME SECURITY

The Surface and Maritime Transportation Security Act was enacted as part of the TSA Modernization Act (Division K of the FAA Reauthorization Act of 2018, P.L. 115–254) on October 8, 2018. This Act addresses deficiencies in the Transportation Security Administration’s (TSA’s) efforts to protect rail, transit, highway, and maritime passenger and freight transportation, including by requiring risk-based security assessments that link threats with security strategy and budgeting, as well as enhancing coordination between Transportation Security Administration and Coast Guard, and addressing cybersecurity threats in ports.

#### KNIFE BILL

S. 1092, the InterState Transportation Act was passed by the Senate on December 11, 2018. This measure would permit an individual to transport a knife for any lawful purpose between two places (e.g., States) where it is legal to possess and carry such knife, as long as certain security requirements are met. The measure also would prohibit the arrest or detention of an individual for a knife violation unless there is probable cause to believe the individual failed to comply with specified requirements. An individual may assert compliance with this bill’s requirements as a claim or defense in any civil or criminal action or proceeding.

#### HEARINGS

This subcommittee held 16 hearings, including 2 field hearings, during the 115th Congress.

Date	Title
February 15, 2017	Moving America: Stakeholder Perspectives on Our Multimodal Transportation System (S.Hrg. 115–41)
March 1, 2017*	Connecting America: Improving Access to Infrastructure for Communities Across the Country (S.Hrg. 115–60)
March 14, 2017	Continuing to Improve Truck Safety on Our Nation’s Highways (S.Hrg. 115–61)

Date	Title
April 4, 2017	Keeping Goods Moving: Continuing to Enhance Multimodal Freight Policy and Infrastructure (S.Hrg. 115–65)
May 9, 2017	Maritime Transportation: Opportunities and Challenges for the Maritime Administration and Federal Maritime Commission (S.Hrg. 115–155)
July 12, 2017 *	Force Multipliers: How Transportation and Supply Chain Stakeholders Are Combating Human Trafficking (S.Hrg. 115–282)
September 13, 2017 *	Transportation Innovation: Automated Trucks and Our Nation’s Highways (S.Hrg. 115–434)
January 23, 2018	Surface Transportation Security: Addressing Current and Emerging Threats
March 1, 2018 *	Implementation of Positive Train Control
March 13, 2018	Rebuilding Infrastructure in America: State and Local Transportation Needs
March 14, 2018 *	Rebuilding Infrastructure in America: Administration Perspectives
April, 24, 2018	Maritime Transportation: Opportunities and Challenges
August 20, 2018 * †	Pipeline Safety in the Great Lakes: Incident Prevention and Response Efforts at the Straits of Mackinac
September 13, 2018 *	Transportation of Tomorrow: Emerging Technologies That Will Move America
October 3, 2018 *	Implementation of Positive Train Control
November 26, 2018 * †	Pipeline Safety in the Merrimack Valley: Incident Prevention and Response

\* Full Committee hearing.

† Field hearing.

## J. LEGISLATION AND OVERSIGHT

The Committee on Commerce, Science, and Transportation of the Senate conducted a variety of oversight activities, ranging from investigations of alleged data misuse by social media and other technology firms, to an investigation of Olympic and amateur sports in the aftermath of the conviction of Dr. Larry Nasser, a former physician for the U.S.A. Gymnastics team, on Federal child pornography charges, and allegations of sexual abuse of hundreds of child athletes over decades.

At the beginning of each year, Committee staff meet with the inspector general of each agency under the Committee's jurisdiction to review the previous year and to receive a briefing on plans for the year ahead. In addition, the Committee sent over a dozen oversight letters to a variety of government and private sector entities.

## OLYMPICS

On March 2, 2017, Chairman Thune and Subcommittee Chairman Moran sent a letter to the U.S. Olympic Committee (USOC) raising questions about USOC's handling of sexual abuse allegations in taekwondo, gymnastics, speedskating, swimming, and cycling. Soon thereafter, on May 17, 2017, Chairman Thune convened a full committee hearing entitled "Current Issues in American Sports: Protecting the Health and Safety of American Athletes" to explore a number of issues affecting the health, safety, and well-being of American athletes. At that hearing, Safesport president and Chief Executive Officer (CEO) Shellie Pfohl testified about her work to prevent sexual misconduct in the Olympic movement and the establishment of her organization in 2017 to serve as an independent entity to investigate and adjudicate allegations of sexual misconduct within the National Governing Bodies.

On January 25, 2018, Subcommittee Chairman Moran and Ranking Member Blumenthal sent letters to USA Gymnastics (USAG), USOC, and Michigan State University (MSU) requesting written responses and documents regarding systemic failures to protect athletes from sexual abuse. After receiving responses from each of these entities, Senator Moran conducted three oversight hearings. For one of these hearings, Chairman Thune issued a subpoena for the appearance of the former chief executive officer of USAG (who ultimately asserted his Fifth Amendment right against self-incrimination) and the former president of Michigan State University, where Dr. Nasser was an assistant professor and team physician.

## EQUIFAX

On September 8, 2017, the Committee sent an investigation letter to Equifax CEO Richard Smith, regarding the data security incident Equifax disclosed on September 7, 2017, when the firm announced that it had identified a "cybersecurity incident potentially impacting approximately 143 million U.S. consumers" and that the information accessed includes sensitive personal information such as names, Social Security numbers, birth dates, addresses, and some driver's license numbers. Equifax also announced that "credit card numbers for approximately 209,000 U.S. consumers, and certain dispute documents with personal identifying information for

approximately 182,000 U.S. consumers, were accessed.” Equifax provided a staff briefing on September 20, 2017, and submitted a written response on September 25, 2017.

On November 8, 2017, the Committee held a hearing entitled “Protecting Consumers in the Era of Major Data Breaches,” where the interim CEO for Equifax testified, as well as the former Equifax CEO, Richard Smith. Of note, former Yahoo! CEO Marissa Mayer also testified under subpoena at the same hearing to discuss multiple data breaches affecting over 3 billion user accounts. While the Yahoo! breaches are larger in terms of affected consumers, the Equifax breach is much more severe given the sensitive nature of the consumer information compromised.

#### ROBOCALLS

October 10, 2017, the Committee sent an investigation letter and request for documents to Adrian Abramovich regarding the Federal Communications Commission’s Notice of Apparent Liability for Forfeiture, which found Mr. Abramovich apparently liable for \$120 million in penalties for perpetrating one of the largest spoofed robocall campaigns the FCC had ever investigated. A response was requested by October 24, 2017, but Mr. Abramovich failed to respond. On November 3, 2017, Mr. Abramovich, through his counsel, informed the Committee that he would not be responding.

On March 14, 2018, the Committee sent an invitation letter to Mr. Abramovich requesting his voluntary appearance at a hearing scheduled for April 18, 2018. On March 19, 2018, Mr. Abramovich, through his counsel, declined the invitation. On March 28, 2018, the Committee subpoenaed Mr. Abramovich, requiring his appearance before the Committee on April 18, 2018.

On April 18, 2018, the Committee convened a hearing entitled “Abusive Robocalls and How We Can Stop Them” where Mr. Abramovich sought to assert his Fifth Amendment right to refuse to testify on the grounds that he might incriminate himself, while also providing several pages of written testimony and at times answering questions posed at the hearing to such an extent that he may have waived his Fifth Amendment privilege.

#### UBER

On November 21, 2017, Uber disclosed publicly that it learned in November 2016 that it had suffered a data security incident that began on October 13, 2016, and ended no later than November 15, 2016. On November 27, 2017, the Committee sent a letter to Uber requesting information regarding the nature of the data breach. The incident involved archived copies of Uber databases and files located on Uber’s private cloud data storage environment on Amazon Web Services. Information pertaining to approximately 57 million users (both riders and drivers) worldwide, was compromised. Uber’s security team contacted the outside actors responsible for the incident and agreed to pay the money demanded by these individuals via Uber’s “bug bounty” program in exchange for an agreement to delete the data. Uber failed to disclose the incident to the appropriate parties. Uber responded to the Committee’s letter on December 11, 2017.

On February 6, 2018, the Subcommittee on Consumer Protection, Product Safety, Insurance, and Data Security held a hearing entitled “Data Security and Bug Bounty Programs: Lessons Learned from the Uber Breach and Security Researchers.” Uber’s Chief Information Security Officer, John Flynn, testified at the hearing to discuss the October 2016 Uber data breach and the allegations of impermissible payments by Uber to conceal the security incident.

#### APPLE

On January 9, 2018, the Committee sent a letter to the CEO of Apple, Inc. regarding Apple’s acknowledgment that it took steps to slow the processing performance of older iPhones, prompting concerns among consumers about “planned obsolescence” of these devices. Apple provided a response on February 2, 2018, and also provided a staff briefing.

#### MELTDOWN/SPECTRE COMPUTER CHIP VULNERABILITY

On February 15, 2018, the Committee sent investigation letters to a dozen companies (AMD, ARM, Apple, Google, IBM, Intel, Lenovo, NVIDIA, Cisco, Microsoft, Amazon, and Huawei) seeking information concerning their response to the Spectre and Meltdown vulnerabilities publicly disclosed in January 2018. These side channel vulnerabilities could allow sophisticated hackers access to stored passwords, encryption keys, and other highly sensitive information. Except for Huawei, which never responded, each of the companies supplied written responses by March 7, 2018. On July 11, 2018, the Committee held a hearing on this matter entitled “Complex Cybersecurity Vulnerabilities: Lessons Learned from Spectre and Meltdown.”

#### FACEBOOK

On March 19, 2018, the Committee sent an investigation letter to Mark Zuckerberg, the Chairman and CEO of Facebook, Inc., regarding Facebook’s user privacy policies and the extent of the company’s efforts to enforce those policies with entities accessing user data. This occurred in the context of media revelations regarding alleged misuse of Facebook user data by Cambridge Analytica and Strategic Communications Laboratories. Facebook provided a staff briefing on March 22, 2018, and a written response on April 2, 2018. Subsequently, a joint Commerce Committee and Judiciary Committee hearing with Facebook CEO Mark Zuckerberg entitled “Facebook, Social Media Privacy, and the Use and Abuse of Data” was held on April 10, 2018. The Subcommittee on Consumer Protection, Product Safety, Insurance, and Data Security also convened a follow-on hearing on June 19, 2018, entitled “Cambridge Analytica and Other Facebook Partners: Examining Data Privacy Risks,” which included Aleksandr Kogan, a Cambridge University academic who was a central figure in the Cambridge Analytica/Facebook controversy, as a witness.

On June 4, 2018, the Committee sent an investigation letter to Facebook regarding a New York Times report that, over the previous decade, Facebook established partnerships with dozens of mobile device manufacturers that granted them access to large

amounts of user data, including information on users' friends. Facebook provided a written response on June 27, 2018, and a revised response on June 29, 2018.

STRATEGIC COMMUNICATIONS LABORATORIES (SCL)/CAMBRIDGE  
ANALYTICA

On March 19, 2018, the Committee sent a letter to Nigel Oakes, the CEO of SCL, the parent company of Cambridge Analytica, requesting a staff briefing and a written response regarding the firm's alleged misuse of Facebook user data. SCL/Cambridge Analytica submitted its written response to the Committee on April 5, 2018, but went into bankruptcy proceedings before providing a staff briefing. This has resulted in the unique situation where the Committee appears as a creditor in Cambridge Analytica's bankruptcy proceeding because the firm still owes the Committee a briefing.

GOOGLE

On July 10, 2018, the Committee sent an investigation letter to Alphabet CEO Larry Page regarding the use of Gmail users' personal data by third party email application ("app") developers. The Wall Street Journal reported that hundreds of third party app developers with access to users' Gmail accounts use email contents for a variety of purposes of which users may not be aware. These purposes include scanning email contents for travel and package information as well as marketing information to provide targeted ads (a practice Google itself abandoned over a year ago). The report also revealed that third party app developers may be giving access to personal emails to their employees. Google provided a written response on July 22, 2018. While the response was not entirely satisfactory, the Committee had an opportunity to ask follow-up questions to Google's chief privacy officer at the September 26, 2018 hearing entitled "Examining Safeguards for Consumer Data Privacy," and to submit questions for the record to Google related to the Committee's original July 10th letter with written responses expected on October 30, 2018.

On October 11, 2018, the Committee sent another investigation letter to Google CEO Sundar Pichai regarding a Wall Street Journal report that in March 2018, Google discovered a vulnerability in its Google+ social network platform that potentially left the private profile information of 500,000 users exposed to app developers since 2015. Google reportedly opted not to disclose the existence of the issue at the time due, in part, to an inability to determine whether the vulnerability had in fact been exploited by any app developer to access private user data or which users were affected. In addition, according to an internal memo cited in the media report, a factor in Google's decision not to disclose the vulnerability was fear that doing so would draw "immediate regulatory interest," bring Google "into the spotlight alongside or even instead of Facebook despite having stayed under the radar throughout the Cambridge Analytica scandal," and "almost [guarantee] Sundar will testify before Congress." A staff briefing was requested, and a written response was requested by no later than October 30, 2018.

## DEPARTMENT OF COMMERCE

On July 13, 2018, the Committee sent a letter to the Inspector General of the Department of Commerce requesting an independent review of the conclusion reached by the Commerce Department's Designated Agency Ethics Official (DAEO) that errors Secretary of Commerce Wilbur Ross made in his efforts to comply with his Ethics Agreement did not result in a violation of conflict of interest law. In a letter to Secretary Ross dated July 12, 2018, Acting Director and General Counsel of the Office of Government Ethics (OGE) David J. Apol recounted instances in which Secretary Ross is alleged to have divested from his assets in a manner inconsistent with the Ethics Agreement he signed during the nomination process. OGE's letter states that Secretary Ross completed divestitures of Invesco Ltd. stock in December 2017, despite representing in his November 1, 2017, Certification of Ethics Agreement Compliance that he had completed such divestitures. OGE indicated that Secretary Ross apparently neglected to consult with the Commerce Department's DAEO or other ethics staff prior to the sale of Invesco Ltd. stock.

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