CRS Issue Brief for Congress

Transportation Security:
Issues for the 109th Congress

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SUMMARY

The nation's air, land, and marine transportation systems are designed for accessibility and efficiency, two characteristics that make them highly vulnerable to terrorist attack. While hardening the transportation sector from terrorist attack is difficult, reasonable measures can be taken to deter terrorists. The focus of this issue brief is how best to construct and finance a system of deterrence, protection, and response that effectively reduces the possibility and consequences of another terrorist attack without unduly interfering with travel, commerce, and civil liberties.

Aviation security has been a major focus of transportation security policy following the terrorist attacks of September 11, 2001. In the aftermath of these attacks, the 107th Congress moved quickly to pass the Aviation and Transportation Security Act (ATSA; P.L. 107-71) creating the Transportation Security Administration (TSA) and mandating a federalized workforce of security screeners to inspect airline passengers and their baggage. The Act gave the TSA broad authority to assess vulnerabilities in aviation security and take steps to mitigate these risks. The TSA's progress on aviation security has been the subject of considerable congressional oversight over the past three years. It is expected that aviation security policy and programs will continue to be of considerable interest in the 109th Congress.

The volume of ridership and number of access points make it impractical to subject all rail passengers to the type of screening airline passengers undergo. Nevertheless, there are prudent steps that can be taken to reduce the risks, and consequences, of an attack. These include vulnerability assessments; emergency planning; and emergency response training and drilling of transit personnel, ideally in coordination with police, fire, and emergency medical personnel, as well as purchase of communication and safety equipment. Additional options include increasing the number of transit security personnel, installing video surveillance equipment in vehicles and stations, and conducting random inspections of platforms and trains using bomb-sniffing dogs.

A leading issue with regard to securing truck, rail, and waterborne cargo is the desire of government authorities to track a given freight shipment at a particular time. Most of the attention with regard to cargo vulnerability concerns the tracking of marine containers as they are trucked to and from seaports. Security experts believe this is a particularly vulnerable point in the container supply chain. Debate over who should pay for cargo security, government or industry, and whether mandates or guidelines are the best approach to ensure industry's due diligence in protecting their supply chains are other leading issues.

MOST RECENT DEVELOPMENTS

The Intelligence Reform and Terrorism Prevention Act of 2004 (P.L. 108-458) passed by Congress the week of December 6, 2004, implements key 9/11 Commission recommendations with respect to transportation security. The Act requires that the Secretary of the Department of Homeland Security (DHS) develop and implement a national strategy for transportation security. The strategy would identify assets that need protection; set risk-based priorities and realistic deadlines for protecting those assets; identify the most practical and cost-effective means of defending those assets; assign security roles to federal, state, and local governments; and establish mechanisms to encourage private sector cooperation and participation. The Act also requires DHS to taken certain steps to further enhance aviation and maritime security.

BACKGROUND AND ANALYSIS

The nation's air, land, and marine transportation systems are designed for accessibility and efficiency, two characteristics that make them highly vulnerable to terrorist attack. The difficulty and cost of protecting the transportation sector from terrorist attack raises a core question confronting policymakers: how much effort and resources to put towards protecting potential targets versus pursuing and fighting terrorists. While hardening the transportation sector from terrorist attack is difficult, reasonable measures can be taken to deter terrorists. The focus of this issue brief is how best to construct and finance a system of deterrence, protection, and response that effectively reduces the possibility and consequences of another terrorist attack without unduly interfering with travel, commerce, and civil liberties.

For all modes of transportation, one can identify four principle policy objectives that would support a system of deterrence and protection: (1) ensuring the trustworthiness of the passengers and the cargo flowing through the system, (2) ensuring the trustworthiness of the transportation workers who operate and service the vehicles, assist the passengers, or handle the cargo, (3) ensuring the trustworthiness of the private companies that operate in the system, such as the carriers, shippers, agents, and brokers, and (4) establishing a perimeter of security around transportation facilities and vehicles in operation. The first three policy objectives are concerned with preventing an attack from within a transportation system, such as occurred on September 11, 2001. Terrorists could once again disguise themselves as legitimate passengers (or shippers or workers) to get in position to launch an attack. The fourth policy objective is concerned with preventing an attack from outside a transportation system. For instance, terrorists could ram a bomb-laden speed boat into an oil tanker, as they did in October 2002 to the French oil tanker Limberg, or they could fire a shoulder-fired missile at an airplane taking off or landing, as they attempted in November 2002 against an Israeli charter jet in Mombasa, Kenya. Achieving all four of these objectives is difficult, at best, and in some modes, is practically impossible. Where limited options exist for preventing an attack, policymakers are left with evaluating options for minimizing the consequences from an attack.

A narrower set of policy questions is how to tailor an anti-terrorism strategy that corresponds with the service requirements of each particular mode. For instance, while prescreening all airline or cruise ship passengers is possible, pre-screening all transit riders

is practically impossible. Likewise, inspecting 100% of imported marine cargo is practically impossible, so inspectors rely heavily on shipment documentation to select which shipments to examine more closely. The issue for policymakers is deciding whether ensuring the trustworthiness of the passengers and cargo flowing through each mode of transportation can be reasonably achieved and, if so, how best to achieve it without impeding travel and commerce. Another issue is ensuring the trustworthiness of the companies that operate in the system. The TSA's "known shipper" program for cargo carried aboard passenger planes and Customs and Border Protection's (CBP) "Trade Partnership Against Terrorism" (C-TPAT) program for cargo imported by all modes are initiatives designed to ensure the trustworthiness of the companies that operate in the system. These two programs essentially require the companies that routinely operate in their respective transportation systems to vouch for the trustworthiness of each other and to alert authorities when they spot any anomalies or suspicious activity. A point of contention is to what extent government can rely on the transportation industry to exercise due diligence in protecting their operations from terrorist attack. In addition to the integrity of transportation companies, there is also the issue of the trustworthiness of their employees. As requested by Congress, the TSA is developing a universal biometric transportation worker ID card that is intended to restrict access to sensitive areas within transportation facilities. One unresolved issue is deciding what should disqualify a transportation worker from obtaining a card. What sort of background would make someone a "security risk?"

The 109th Congress will likely renew debate on other areas of disagreement with regard to transportation security. It will likely renew debate on whether the nation is doing enough, and is acting in a timely fashion, to secure transportation systems, particularly for non-aviation modes of transportation. It is likely to debate financial issues, such as what level of spending will buy what level of security and who should pay for security: federal taxpayers, state and local governments, system users, or some sort of cost share arrangement among all of the above. How federal security dollars should be allocated across the country will likely remain a focal point of the debate. In its oversight role, Congress will continue to examine the effectiveness of DHS initiatives to strengthen transportation security, including the degree of coordination among agencies within DHS towards that effort.

Aviation Security

Aviation security has been a major focus of transportation security policy following the terrorist attacks of September 11, 2001. In the aftermath of these attacks, the 107th Congress moved quickly to pass the Aviation and Transportation Security Act (ATSA; P.L. 107-71) creating the TSA and mandating a federalized workforce of security screeners to inspect airline passengers and their baggage. The Act gave the TSA broad authority to assess vulnerabilities in aviation security and take steps to mitigate these risks. The TSA's progress on aviation security has been the subject of considerable congressional oversight over the past three years. It is expected that aviation security policy and programs will continue to be of considerable interest in the 109th Congress.

A Risk-Based, Multi-Layered Approach. Aviation security policy since September 11, 2001, consists of two basic principles: a risk-based approach for allocating limited security resources to where they are considered most needed, and a multi-layered strategy that establishes redundancies to thwart a potential terrorist attack.

The risk-based approach implemented by the TSA has been criticized by some who believe that an overemphasis on allocating resources to screening airline passengers has left the system vulnerable to attacks in other areas — namely air cargo operations; airport access controls; protecting airliners from shoulder-fired missiles; and the security of general aviation aircraft. In essence, these critics argue that the implementation of aviation security policy since September 11, 2001, has focused too heavily on protecting aircraft from past attack scenarios — such as suicide hijackings and luggage bombs carried out by airline passengers — and has not given enough attention to other potential vulnerabilities.

Given the emphasis on protecting against bombings and suicide hijackings, the multi-layered concept for aviation security is most apparent in the protection of passenger airliners. Passengers undergo prescreening to check their names against lists of known and suspected terrorists, then passengers and their carry-on items are screened and checked baggage is passed through explosive detection systems (EDS) prior to aircraft boarding. Once on board, security measures such as air marshals, hardened cockpit doors, and armed pilots provide added layers of security to thwart an attempted hijacking. The principle objectives of these measures are to prevent aircraft bombings and hijackings by terrorist passengers. However, the effectiveness of the TSA's implementation of virtually all of these security layers has been brought into question by some or at some time over the past three years.

Passenger Prescreening. Efforts to improve passenger prescreening have been impacted by concerns over the adequacy of measures to protect fliers' personal information and not infringe upon their civil rights. Critics argued that the TSA's ever-expanding vision for prescreening was to include data mining of commercial and government databases to look for indicators that someone may pose a threat, and searches of notoriously inaccurate criminal databases. These concerns were spurred by vague statements issued by the TSA as to how it might authenticate passenger identity and check for possible links to terrorism along with media reports linking passenger prescreening to controversial proposals such as the Department of Defense's Total Information Awareness program to detect terrorists by mining personal data. This controversy ultimately led the TSA to scrap its proposed enhanced passenger prescreening system, the Computer Assisted Passenger Prescreening II (CAPPS II), in August 2004, and pursue enhanced prescreening capabilities under a new system called *Secure Flight*. While *Secure Flight* is touted to be a significantly scaled down approach to prescreening compared to CAPPS II, concerns remain over data protections and redress procedures for passengers falsely identified by the system. Provisions in the FY2005 homeland security appropriations act (P.L. 108-334) prohibit the TSA from fully deploying the *Secure Flight* program until these ongoing concerns are adequately addressed. The TSA is also carrying out trials of a registered traveler program designed to speed the passage through security checkpoints of frequent fliers who voluntarily submit background information and biometric identifiers.

Passenger Screening. With regard to screening passengers, the TSA has struggled to strike a balance between effectively screening passengers for threat objects without causing undue delays and hassles to travelers. While the TSA is usually keeping passenger wait times below the stated objective of 10 minutes in most airport checkpoint queues, audits of airport screening have concluded that screener performance still needs improvement. The Department of Homeland Security Office of Inspector General found that screener training, screening technology, policies and procedures, and management and supervision of screening operations all contributed to observed deficiencies in screener performance. Furthermore,

the 9/11 Commission recommended that the TSA give priority attention to implementing technology and procedures for screening passengers for explosives, something not currently done routinely at screening checkpoints. To address this recommendation, the TSA is pilot testing walk-through trace detection portals and has implemented procedures for conducting pat-down searches of passengers for explosives. Provisions to improve checkpoint technologies to detect explosives were included in the Intelligence Reform and Terrorism Prevention Act of 2004 (P.L. 108-458, hereafter the "Terrorism Prevention Act").

Federalization and Privatization of Airport Screening. A key issue in the debate over aviation security immediately following September 11, 2001, was whether airport security screeners should be federalized. At that time, airport screening operations suffered from high turnover, poor supervision and training, low wages, and a lack of regulatory oversight. All of these factors were believed to have contributed to a poor performing and highly vulnerable screening system. Federalizing the screener workforce was offered as a potential solution to address these deficiencies. However, while Congress ultimately resolved to federalize the screener workforce at most airports under ATSA, the Act also set up a pilot program using contract screeners at five airports and gave all airports the option to request private screeners on an airport-by-airport basis starting November 19, 2004. While several airports have expressed an interest in private screening, they are being cautious in proceeding because the TSA has offered few details and limited guidance on how private screening will be implemented.

Baggage Screening. While airports are, for the most part, meeting mandated requirements to inspect checked bags with explosive detection system (EDS) equipment 100% of the time, airports are continuing to struggle with the daunting task of integrating these systems into baggage handling and sorting facilities. To address these needs, Congress established (in Vision 100, P.L. 109-176) an Aviation Security Capital Fund authorizing up to $500 million per year through FY2007 and provided the TSA with the authority to issue letters of intent (LOIs) to airports, committing future funding toward in-line EDS integration projects. Despite these measures, efforts to integrate EDS systems at all airports is progressing slowly, prompting the 9/11 Commission to recommend that the TSA expedite installation of these in-line baggage screening systems. Provisions to expedite and increase funding for in-line baggage screening were included in the Terrorism Prevention Act.

Air Cargo Security. Some Members of Congress have voiced concerns that, while 100% of baggage is required to be screened, only a relatively small amount of cargo carried on passenger airplanes is screened or inspected. Congress increased funding for air cargo security operations and research to $115 million in FY2005 compared to $85 million in FY2004 and designated funds for expanding the known shipper program for vetting shipments on passenger aircraft; increasing oversight of cargo security; and continuing research and development of technologies to improve air cargo security. The 9/11 Commission recommended that TSA intensify its efforts to identify, track, and screen potentially dangerous cargo. The 9/11 Commission also recommended deploying at least one hardened cargo container on each passenger airliner for carrying suspect cargo. These recommendations were reflected in language contained in the Terrorism Prevention Act that calls for improved cargo security measures and study of the proposal to deploy blast resistant cargo containers. While these efforts are designed to mitigate the threat of a terrorist bomb carried in a cargo shipment, some policymakers believe that the only effective way to mitigate such a threat is to screen all cargo placed on passenger aircraft. The TSA, however,

has cautioned that such an approach is not technically and logistically feasible at the present time without unduly impacting cargo operations on passenger aircraft. The TSA has instead proposed a strategic plan calling for the use of risk-based prescreening techniques to identify cargo for targeted inspection or exclusion from carriage on passenger aircraft and a threefold increase in random inspections. In addition to improving the screening of cargo placed on passenger aircraft, improvements in security programs for all-cargo operations are planned to protect against unauthorized access to large all-cargo aircraft.

Airport and Aircraft Access Controls. While ATSA mandated background checks for all workers with unescorted access to passenger aircraft and secured areas of airports, concerns over the adequacy of security measures for these workers has been questioned because, in some cases, these workers can bypass airport screening checkpoints. Legislation introduced in the 108th Congress called for the physical screening of all workers with access to aircraft or secured area. ATSA also called for the TSA to explore the use of biometrics and other identification technologies for credentialing transport workers and the use of biometrics for airport access controls. The Terrorism Prevention Act requires the TSA to issue guidance on the use of biometrics for airport access controls by March 31, 2005, and also contains provisions for using biometric technology to verify the identity of law enforcement officers authorized to carry firearms on passenger airliners.

In-Flight Security Measures. Existing in-flight security measures consist primarily of federal air marshals, armed pilots on some flights, and hardened cockpit doors. The federal air marshal service was greatly expanded under ATSA and air marshals are required on all high risk flights. In November 2003, the Federal Air Marshal program was taken out of the TSA and realigned with the Bureau of Immigration and Customs Enforcement. Under this realignment, DHS plans to cross-train border patrol and immigration officers to function as air marshals, thus expanding the pool of available air marshals and providing a surge capability that can be deployed in response to threat intelligence.

Despite the administration's initial reservations over allowing airline pilots to be armed, airline pilots may receive training allowing them to serve as armed federal flight deck officers under provisions set forth in the Homeland Security Act of 2002 (P.L. 107-296). Vision 100 (P.L. 108-176) expanded the program to include all-cargo pilots and other flight crew members such as flight engineers. The TSA has received $25 million annually over the past two years to administer the program and conduct initial training for about 100 pilots every week. However, complaints have surfaced that the procedures to apply for the program are too cumbersome and the training site is too remote to accommodate many pilots interested in participating in the program and that restrictive policies over carrying guns outside the cockpit potentially limit the program's effectiveness.

ATSA mandated the implementation of hardened cockpit doors and stringent controls regarding access to the flight deck. The Terrorism Prevention Act contains a provision to study the use of secondary flight deck barriers — a concept United Airlines is moving forward with on its own initiative — to overcome the vulnerability introduced when a hardened cockpit door is opened in flight for meal service or when a pilot needs to access the aircraft lavatory.

The Shoulder-Fired Missile Threat. Concerns have also been raised over the potential threat to civil aircraft posed by shoulder-fired missiles (also known as Man-Portable

Air Defense Systems or MANPADS). Appropriations language in FY2003 directed the DHS to establish a program evaluating the feasibility of adopting military aircraft anti-missile systems for use on passenger jets. This program is still ongoing. Two contract teams, led by Northrop-Grumman and BAE Systems, are developing prototype anti-missile systems, and a final evaluation of these systems is expected to be completed by January 2006. Language in the Terrorism Prevention Act calls for the FAA to implement an expedited process to certify the safety of such systems and also includes language directing the administration to urgently pursue international arms-control agreements to limit the proliferation of MANPADS.

General Aviation Security. While some policymakers have expressed concern that security measures for general aviation aircraft are, in their estimation, weak and practically non-existent, general aviation operators have countered that they have been overburdened by unnecessary airspace and airport restrictions. General aviation restrictions are most prevalent in the Washington, DC, area, where the city is encircled by a 15-mile flight restricted zone in which general aviation operations are significantly limited, and a 30-mile air defense identification zone where pilots must strictly adhere to special air traffic control procedures. While Vision 100 (P.L. 108-176) requires the DHS to implement a security plan permitting general aviation flights to resume at Washington Reagan National Airport (DCA), DHS has indicated that significant security concerns remain in the way of resuming general aviation flights at DCA. At various times, flight restrictions have also been put in place over New York City, Chicago, and elsewhere. General aviation pilots have been restricted from flying over Disney and other theme parks, and over stadiums during major sporting events, leading some general aviation advocates to question whether special interests were using the umbrella of security concerns to curtail unwanted advertising overflights. Securing general aviation operations continues to be a significant challenge because of the diversity of operations, aircraft, and airports. Measures put in place thus far, such as the Airport Watch program and TSA's general aviation security guidelines, rely heavily on the vigilance of the pilot community to detect and report suspicious activity. In the area of flight training, flight training providers are engaged in verifying citizenship or confirming that background checks have been properly completed before providing training to foreign nationals. A provision in the Terrorism Prevention Act would allow aircraft leasing and charter companies to voluntarily provide the TSA with names of prospective customers for prescreening against the consolidated terrorist watchlist. (CRS contact: Bart Elias, Aviation; Dan Morgan, Security Technology)

Transit and Passenger Rail Security

Bombings of commuter trains and subway trains in Europe during 2004 highlighted the vulnerability of passenger rail systems to terrorist attacks. Passenger rail systems in the United States carry about five times as many passengers each day as do airlines, over many thousands of miles of track, serving stations that are designed primarily for easy access. While no terrorist attacks on trains or rail-related facilities have occurred on U.S. soil, the increased security efforts around air travel have led to concerns that terrorists may turn their attention to 'softer' targets, such as transit or passenger rail. A key challenge Congress faces is balancing the desire for increased rail passenger security with the efficient functioning of transit systems, with the potential costs of an attack, and with other federal priorities.

The volume of ridership and number of access points make it impractical to subject all rail passengers to the type of screening airline passengers undergo. Thus, transit security measures tend to emphasize consequence management, as opposed to protective measures. Nevertheless, there are prudent steps that can be taken to reduce the risks, and consequences, of an attack. These include vulnerability assessments; emergency planning; emergency response training and drilling of transit personnel, ideally in coordination with police, fire, and emergency medical personnel; and communication and safety equipment. Additional options include increasing the number of transit security personnel, installing video surveillance equipment in vehicles and stations, and conducting random inspections of platforms and trains using bomb-sniffing dogs.

The challenges of securing rail passengers, however, are dwarfed by the challenge of securing bus passengers. There are some 76,000 buses carrying 19 million passengers each weekday in the United States. Some transit systems have installed video cameras on their buses, and Congress has provided grants for security improvements to intercity buses. But the number and operation characteristics of transit buses make them all but impossible to secure.

There are no independent assessments of transit security needs and costs. In 2004, the transit community requested $5.2 billion in federal funding for security-related capital improvements, and $800 million annually in security-related operating assistance. The ability of the transit community to pay these costs themselves is limited; transit agencies run operating deficits and require government assistance just to maintain their operations. However, the average of $2.5 billion annually requested for the next three years is 30 times the roughly $80 million in annual transit security funding provided by Congress during FY2003-FY2005. The transit community is also requesting significant increases in non-security-related transit funding as part of the ongoing surface transportation reauthorization debate. In light of current and projected federal deficits, federal activities potentially face constrained budgets; given limited resources, some argue that the federal government could better enhance domestic security, at less cost, through strengthening the anti-terrorist efforts of intelligence-gathering and law-enforcement agencies rather than funding security improvements to the many potential domestic targets. **(CRS contact: David Randall Peterman)**

Truck, Rail, and Marine Cargo Security

Cargo Visibility. A leading issue with regard to securing truck, rail, and waterborne cargo is to what extent government authorities need the capability to track a given shipment at a particular time. One can envision a scenario where government authorities receive intelligence that a terrorist weapon or terrorists themselves are being smuggled in a particular shipment. Authorities would then want to locate that shipment immediately as well as any other possible shipments that were suspect based on having similar shipment particulars. Currently, outside the parcel industry, authorities would have limited capabilities to locate such shipments quickly. Some trucking firms have outfitted their trucks with Global Positioning System (GPS) technology. However, this capability is generally limited to large trucking firms which have a large enough fleet to make tracking equipment commercially worthwhile, in addition to having the financial resources to afford such technology. Smaller trucking firms, which carry a significant portion of freight, have not invested in this technology. Railroads have outfitted their cars with Automatic Equipment Identification

(AEI) technology, but this technology only allows tracking where a reader has been installed, such as at terminals and rail yards. Thus most railcars can be tracked at certain points but not in real-time.

Most of the attention with regard to cargo visibility concerns the tracking of marine shipping containers. Marine containers are not currently outfitted with tracking devices, but it is common practice to seal container doors with tamper-evident fixtures. Security officials are concerned that a particularly vulnerable stage in the container shipping process occurs when containers are trucked to the overseas port of loading or when they are trucked from the U.S. port of unloading to their final U.S. destination. A sensor or tracking device could help ensure the integrity of container shipments during these vulnerable stages. Since the September11, 2001 attack, there has been rapid development of palm-sized tracking devices and sensors that could be inserted on an interior wall of a container. However, while this so-called "smart-box" technology is being tested in selected routes, it has not been resolved whether and how best to deploy it on a widespread basis. In the near term, shippers and carriers favor using the best container seals currently in use rather than moving to the more costly sensor and tracking devices.

Imported Cargo. Of particular concern is ensuring the integrity of imported cargo. Nearly 7 million marine containers from all corners of the globe arrive at U.S. seaports annually, while 8 million truckloads and about 2 million railcars arrive at U.S. land border crossings. Since the September 11, 2001 attack, Customs and Border Protection (CBP) has issued new requirements requiring freight carriers to report cargo manifests (shipment information) before they reach U.S. borders. Container ships must report shipment details on each container 24 hours before it is loaded at a foreign port. Truckers from Canada and Mexico must report their trailers' contents from 30 minutes to an hour prior to border arrival and railroads must report this information two hours prior to border arrival. CBP analyzes the cargo manifests and other intelligence to select which cargo units to physically inspect. CBP's selection process is thus critical in keeping terrorists and their weapons from being smuggled into the country. In its oversight role, Congress will likely continue to scrutinize CBP's targeting process and will likely continue to evaluate scanning technologies that can speed up the inspection process.

Private Industry's Role. Because most surface and marine freight transportation assets are owned by private industry, and because there are too many shipments for government to monitor on its own, government officials have to rely extensively on private industry to tighten control over their supply chains. Industry has taken steps to protect their operations from terrorist infiltration. The Association of American Railroads has conducted a security risk assessment that prioritizes the industry's assets and lists countermeasures to be taken at different alert levels. Railroads have also created a "Railway Alert Network" that is designed to make sure individual railroads receive timely threat information. Barge operators have created a "Model Vessel Security Plan" through their industry association, the American Waterways Operators. The American Trucking Associations has expanded a "Highway Watch" program to include training for drivers on how to spot suspicious activity. Intermodal (container) shippers have created a "Smart and Secure Trade Lanes" program to evaluate anti-tampering and tracking devices for marine containers. An issue for policymakers is determining the best approach for ensuring private industry's cooperation and due diligence over the long term. For instance, policymakers are evaluating which

security measures should be mandated versus which ones should be issued as guidelines or "best practices."

Paying for Cargo Security. Freight carriers and shippers are private, for-profit corporations, which raises the issue of whether they or general taxpayers should pay for security improvements. Advocates for public funding argue that homeland security is a national concern and therefore a federal government responsibility that should be paid for from the general Treasury. Others argue that carriers and shippers are the direct beneficiaries of improved cargo security. They argue that it is in their own economic interest to protect their assets from terrorist attack, that additional security measures also deter cargo theft which is costly to the freight industry, and that therefore they should bear the cost of security improvements. Several legislative efforts to establish a security fee paid by industry to generate funds for a federal port security grant program have failed in Congress. Meanwhile, some ports and freight carriers are beginning to add security surcharges to their freight invoices while other carriers are presumably incorporating extra security-related costs in their freight rates. It is expected that the question of how to pay for cargo security will continue to be debated by the 109th Congress.   **(CRS contact: John Frittelli)**

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