

reached who are physically challenged, those who are mentally challenged, those who may have some language deficiencies. In fact, in my district the ballot is printed in English, Spanish and Vietnamese. We must make sure that all persons have an opportunity to receive the education and the information that this bill requires that we impart to the public.

To the two outstanding representatives on this committee, the chairperson and the former chairperson, I want to salute you, and I want to thank you for allowing the amendment to go forward, such that it is now a part of the bill.

In closing, I would simply say, as the chairman pointed out, a well-informed public is a well-protected public.

Mr. Chairman, I salute you and I thank you. Mr. Ranking Member, I salute you and thank you as well.

□ 1230

Mr. DANIEL E. LUNGREN of California. Does the gentleman have any further speakers?

Mr. THOMPSON of Mississippi. Madam Speaker, I have no further requests for time, and I am prepared to close after the gentleman from California closes.

Mr. DANIEL E. LUNGREN of California. Madam Speaker, I support this National Bombing Prevention Act for 2008.

As the gentleman who just spoke from the State of Texas has said, this is a rather inclusive bill. It has a component of operations and training in it; also a component of awareness. And together, they combine to make an excellent bill. I urge my colleagues to support this bill.

I yield back the balance of my time.

Mr. THOMPSON of Mississippi. Madam Speaker, I yield myself the balance of my time.

Madam Speaker, H.R. 4749 is important legislation that will ensure that we are positioned to address explosive threats at all levels of government. We know that explosives are all too often terrorists' weapons of choice.

Under HSPD-19, DHS is tasked with researching, identifying, and communicating "lessons learned and best practices, concerning the use of explosives as a terrorist weapon" to enhance "the preparedness of Federal, State, local, territorial, and tribal government personnel to deter, prevent, detect, protect against, and respond to explosive attacks in the United States."

Passage of H.R. 4749 will put us on a path to enhance the Nation's terrorism response capability and ensure that first responders and first preventers have what they need.

Madam Speaker, I urge a "yes" vote on this important homeland security measure.

Ms. JACKSON-LEE of Texas. Madam Speaker, I rise today in strong support of H.R. 4749, the National Bombing Prevention Act, introduced by my distinguished colleague from

New York, Representative KING. This important legislation establishes the Office of Bombing Prevention within the Protective Security Coordination Division of the Office of Infrastructure Protection of the Department.

This legislation is a bipartisan bill, whose lead sponsor is the Ranking Member of the Committee on Homeland Security, Representative KING, and is also cosponsored by Chairman THOMPSON. The function of the Office of Bombing Prevention already exists in the Department, and this bill establishes it in statute. The Office is responsible for coordinating the Government efforts to deter, detect, prevent, protect against, and respond to terrorist explosive attacks in the United States. As we all know, the most likely terrorist threat to our Nation's critical infrastructure and transportation modes is from explosives.

Madam Speaker, we need to ensure that the Office of Bombing Prevention has the protection of being established by the force of law, so the Department can more readily meet the threats to our Nation. This legislation requires the Secretary to develop and periodically update a national strategy to prevent and prepare for terrorist explosive attacks in the United States due 90 days after the date of enactment. The Secretary is further required to report to Congress regarding the national strategy. This strategy is also called for by Homeland Security Presidential Directive-19, Combating Terrorist Use of Explosives in the United States, issued by the President in February of 2007. This legislation also authorizes the Office to support technology transfer efforts as well as research into explosives detection and mitigation.

I did, however, have one reservation with regards to this legislation, regarding canine procurement, which is why I introduced an amendment, which was accepted by the full Committee, to address that issue. Dogs are used to detect illicit and illegal substances every day. They are used to: detect illegal narcotics; find money that is being smuggled out of the country; and locate explosives that may be concealed in cargo, within vehicles, on aircraft, in luggage and on passengers.

There is no doubt that every day, the actions of these dogs and their handlers significantly contribute toward deterring threats and protecting our Nation from terrorists. While the contributions of our canine forces are priceless, they are not without cost. We must place a price on what we are willing to pay for untrained dogs.

The Department of Homeland Security's Inspector General has found that from April 2006 through June 2007, Customs and Border Protection spent \$1.46 million on purchasing 322 untrained dogs—that is about \$4500 per dog. Most of these dogs are purchased in Europe and brought to America. These are not fully trained animals. They are puppies that will be trained to provide valuable service. I think most people would find \$4500 for an untrained dog an exorbitant amount.

However, I cannot deem this amount out of bounds because the Department of Defense pays \$3500 for each untrained dog. The Secret Service pays an average of \$4500 for each untrained dog. Therefore, the price paid by CBP is within the acceptable range of current practice. However, I think that if we are to be good stewards of the American tax dollar, we must change the current practice. When one considers that domestic breeders offer the

same kinds of dogs for \$500–\$2000, we cannot justify what I can only call a puppy tariff.

My amendment would require the Secretary to explore ways to reduce the amount we pay for each dog we purchase by considering the use of different breeds, procuring dogs from domestic breeders and seeking out dogs from animal shelters or rescue groups. If this Department can successfully implement a new method to obtain capable dogs for our homeland security needs, we could begin a trend that would save the American people millions of dollars each year.

With the inclusion of my amendment, I am deeply satisfied with this legislation. I am proud to support this legislation, which brings our great Nation closer to its goal of securing the homeland, and I encourage my colleagues to support this important legislation.

Mr. THOMPSON of Mississippi. Madam Speaker, I yield back the balance of my time.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from Mississippi (Mr. THOMPSON) that the House suspend the rules and pass the bill, H.R. 4749, as amended.

The question was taken; and (two-thirds being in the affirmative) the rules were suspended and the bill, as amended, was passed.

A motion to reconsider was laid on the table.

#### CIVIL AIR PATROL HOMELAND SECURITY SUPPORT ACT OF 2007

Mr. THOMPSON of Mississippi. Madam Speaker, I move to suspend the rules and pass the bill (H.R. 1333) to amend the Homeland Security Act of 2002 to direct the Secretary to enter into an agreement with the Secretary of the Air Force to use Civil Air Patrol personnel and resources to support homeland security missions, as amended.

The Clerk read the title of the bill.

The text of the bill is as follows:

H.R. 1333

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

#### SECTION 1. CIVIL AIR PATROL STUDY.

(a) STUDY.—The Comptroller General of the United States shall conduct a study of the functions and capabilities of the Civil Air Patrol to support the homeland security missions of State, local, and tribal governments and the Department of Homeland Security. In conducting the study, the Comptroller General shall review the process by which the Civil Air Patrol may provide assistance to the Secretary of Homeland Security, other Federal agencies, and States to support homeland security missions by—

(1) providing aerial reconnaissance or communications capabilities for border security;

(2) providing capabilities for collective response to an act of terrorism, natural disaster, or other man-made event, by assisting in damage assessment and situational awareness, conducting search and rescue operations, assisting in evacuations, transporting time-sensitive medical or other materials; or

(3) such other activities as may be determined appropriate by the Comptroller General in the conduct of this review.

(b) REPORT.—Not later than 180 days after the date of enactment of this Act, the Comptroller General shall submit to the Committees on Homeland Security and Transportation and Infrastructure of the House of Representatives and the Committee on Homeland Security and Governmental Affairs of the Senate a report containing the findings of the review conducted under subsection (a). The report shall include—

(1) an assessment of the feasibility and cost-effectiveness of using Civil Air Patrol assets for the purposes described in subsection (a); and

(2) an assessment as to whether the current mechanisms for Federal agencies and States to request support from the Civil Air Patrol are sufficient or whether new agreements between relevant Federal agencies and the Civil Air Patrol are necessary.

(c) REPORT TO CONGRESS.—Not later than 90 days after completing the study under this section, the Secretary of Homeland Security shall review and analyze the study and submit to the Committees on Homeland Security and Transportation and Infrastructure of the House of Representatives and the Committee on Homeland Security and Governmental Affairs of the Senate a report on such review and analysis, which shall include any recommendations of the Secretary for further action that could affect the organization and administration of the Department of Homeland Security.

The SPEAKER pro tempore. Pursuant to the rule, the gentleman from Mississippi (Mr. THOMPSON) and the gentleman from Pennsylvania (Mr. DENT) each will control 20 minutes.

The Chair recognizes the gentleman from Mississippi.

#### GENERAL LEAVE

Mr. THOMPSON of Mississippi. Madam Speaker, I ask unanimous consent that all Members may have 5 legislative days to revise and extend their remarks and include extraneous material on the bill under consideration.

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

There was no objection.

Mr. THOMPSON of Mississippi. Madam Speaker, I rise in support of this measure, and I yield myself such time as I may consume.

Madam Speaker, the Civil Air Patrol has been in existence for decades, providing assistance to governments at the Federal, State and local levels in times of need.

Civil Air Patrol was established in 1941, just days before the Japanese attacked Pearl Harbor. From that moment on, Civil Air Patrol has stood ready to supplement America's military operations. And over the years, it has shown itself to be a faithful partner to the Department of Defense. Therefore, it stands to reason that Civil Air Patrol could also partner with the Department of Homeland Security.

That is the thinking behind H.R. 1333 introduced by Representative CHARLIE DENT, a member of the Committee on Homeland Security. H.R. 1333 directs the Government Accountability Office to examine the capabilities of the Civil Air Patrol to support DHS's activities across the country.

The bill was unanimously adopted by the Subcommittee on Emergency Com-

munications, Preparedness and Response on April 30. Then on May 20, the full committee approved H.R. 1333 unanimously.

Civil Air Patrol is a great example of how patriotic Americans can contribute to the security of this Nation and their communities. As someone who served as a volunteer firefighter, I appreciate that kind of dedication. There is no doubt in my mind that the Civil Air Patrol is a United States treasure. In fact, during any given year, the Civil Air Patrol is responsible for nearly 95 percent of Air Force-directed search and rescue missions.

This Government Accountability Office study, called for in this bill, will improve Congress' and the administration's understanding of how Civil Air Patrol can provide homeland security assistance. The GAO study will also help Congress assess whether the operational structure in place for coordination between the Civil Air Patrol and its government and non-profit partners is sufficient and optimal for the security of our Nation.

Additionally, the bill calls for GAO to report on the cost-effectiveness of using Civil Air Patrol assets for homeland security missions and help Congress understand whether the current mechanism for Federal agencies and States to request Civil Air Patrol support are adequate.

Finally, the bill directs the Secretary of Homeland Security to review and analyze GAO's study and report to Congress as to which GAO recommendations warrant further action.

I commend my colleague, Mr. DENT, and his partner in this endeavor, the chairman of the Subcommittee on Emergency Communications, Preparedness and Response, Mr. CUELLAR, for developing this thoughtful bill. I support H.R. 1333 and its underlying goals and urge passage.

Madam Speaker, I reserve the balance of my time.

Mr. DENT. Madam Speaker, I yield myself such time as I may consume.

Madam Speaker, I do rise today to support H.R. 1333, the Civil Air Patrol Homeland Security Act of 2007. And this legislation, which I introduced on March 6, 2007, has the bipartisan support of 56 Members of Congress.

I would first like to thank our good friend and colleague, Chairman BENNIE THOMPSON of Mississippi, as well as Ranking Member PETE KING of the Homeland Security Committee, as well as Chairman OBERSTAR and Ranking Member MICA of the Transportation and Infrastructure Committee for their cooperation and support in bringing this legislation to the floor today.

I also want to especially thank the subcommittee chairman, HENRY CUELLAR, who chairs the Subcommittee on Emergency Communications, Preparedness and Response on which I serve as the ranking member for his support of this legislation throughout this process and throughout this 110th Congress. I want to thank Chairman CUELLAR especially.

H.R. 1333, as amended, would require the Government Accountability Office, the GAO, to conduct an expansive review to determine how the Civil Air Patrol may be used to support the homeland security missions of State, local and tribal governments, and the Department of Homeland Security.

Specifically, the GAO will review how the Civil Air Patrol may provide aerial reconnaissance or communications capabilities for border security; assist in damage assessments and situational awareness; search and rescue operations, evacuations and the transport of time-sensitive medical or other materials; or perform any other activities as determined by the GAO.

This review will provide greater information regarding the cost-effectiveness of using Civil Air Patrol assets for homeland security purposes at all levels of government. It will also help us understand whether the current process for States and the Federal Government to request Civil Air Patrol assistance is overly bureaucratic, limiting the effectiveness of this important resource in times of crisis.

Aviation assets have traditionally played an important role in border security, the interdiction of contraband, search and rescue operations, evacuations, and after-action analyses that must be performed in the wake of a catastrophic event.

A Civil Air Patrol force of 57,000 volunteers and 500 planes across the country stands ready to assist in those important missions.

The Civil Air Patrol has a long history of service to this Nation. The organization was founded at the outbreak of the Second World War, during which it served as a vital watchdog along the coastlines of America, protecting us from the threat of German U-boats that patrolled our shores. They even engaged U-boats during that war as well, sinking a few.

Since then, the Civil Air Patrol has regularly assisted States in search and rescue operations and emergency response. The Civil Air Patrol indicates that it would welcome the opportunity to play an expanded role in homeland security operations, as that role would be defined by the Comptroller General, the Department of Homeland Security, and the United States Congress.

I urge my colleagues to support this legislation and help ensure that we are effectively utilizing all available resources for responses to catastrophic events.

Madam Speaker, I reserve the balance of my time.

Mr. THOMPSON of Mississippi. Madam Speaker, I yield 3 minutes to the gentleman from Texas (Mr. CUELLAR), the chairman of the Subcommittee on Emergency Communications, Preparedness and Response.

Mr. CUELLAR. Madam Speaker, I also want to thank Chairman BENNIE THOMPSON who has done a great job as the chairman. He has allowed what I call the free market of ideas to work

well. That is if a Member comes up with an idea, we will go through the process and after that if it is a good idea and will protect our homeland, he has given us an opportunity to come up with and move those ideas; so thank you, Mr. Chairman.

One of the ideas is of course H.R. 1333 which is the one that Ranking Member CHARLIE DENT has brought forward. It is an idea that would allow us to supplement the security of our country. So I certainly want to thank Mr. DENT for the idea and of course for moving this great idea forward.

I support this particular bill because it allows the GAO to conduct a study to determine how the Civil Air Patrol can help support our homeland security missions. The Civil Air Patrol has long served our Nation. The Civil Air Patrol began at the onset of World War II, patrolling the coastlines of America, protecting the shores of our great Nation from foreign threats.

Since that time, the Civil Air Patrol has regularly assisted States, and that includes also my State of Texas, with search and rescue operations and emergency response. The Civil Air Patrol welcomes this opportunity to play an expanded role in homeland security operations as that role will be defined by the Comptroller General, the Department of Homeland Security, and of course by the United States Congress.

This study will give the Secretary of Homeland Security the ability to consider the use of the Civil Air Patrol to provide aerial assistance to the Department of Homeland Security agencies that are responsible for protecting America against illegal entry and trafficking of people and contraband.

Being from Laredo, Texas, and representing Webb, Starr, Zapata and Hidalgo counties on the border, I do understand why we need this assistance. And I think the way it has been crafted by Mr. DENT, this will allow Homeland Security to use these extra assets on the border to give us the extra protection that we need to make sure that we protect ourselves. So I certainly feel that the Civil Air Patrol can not only provide protection on the border, but also respond to acts of terrorism, natural disasters and other man-made events by assisting in damage assessment, search and rescue operations, and evacuations.

I thank my colleague, CHARLIE DENT, and my chairman, Chairman BENNIE THOMPSON. I know MICHAEL MCCAUL will also speak about how this will help in Texas, and other efforts. Again, I urge my colleagues to support H.R. 1333.

Mr. DENT. Madam Speaker, I would just like to confirm with the majority whether they have any additional speakers at this time.

Mr. THOMPSON of Mississippi. Madam Speaker, I have no additional speakers. If the gentleman from Pennsylvania has no speakers, I am prepared to close.

Mr. DENT. Madam Speaker, I yield myself the balance of my time to close.

I want to thank my colleagues on both sides of the aisle, Chairman THOMPSON and Chairman OBERSTAR and Chairman CUELLAR, for their bipartisan support and leadership on this important issue in helping us move this legislation forward.

I also want to point out that I had a few interesting experiences on the border with Chairman CUELLAR. I visited Laredo, Texas, on two separate occasions with him, and I looked at what our Border Patrol was up to. I noticed there was a lack of aviation assets. In fact, Chairman CUELLAR and I had a rather exciting visit on a helicopter in Laredo, Texas, and we got a good look at the border areas, and witnessed the lack of aviation assets on that border.

□ 1245

And so that certainly helped inspire this legislation.

Also, I'd like to point out too that there are a lot of good ideas that come from places other than Washington, D.C. When I was back in my district some time ago I remember a constituent of mine named David Miller, who is an octogenarian; he served during the Second World War, a pilot. He said to me, he talked about the use of the Civil Air Patrol during the Second World War and suggested, why don't you get them more engaged for various homeland security initiatives, particularly border security? I thought it sounded like a reasonable idea, and I looked into it and, of course, that's why we're here today dealing with legislation to further examine this very important issue. I thank David Miller for his foresight, just being a good citizen and making recommendations to his elected representative.

Also I would like to point out another former member, Lester Wolf of New York, had also been a strong advocate of greater utilization of the Civil Air Patrol. He served in, I think, the Long Island area of New York and was quite strong on this need for this type of legislation.

As well as a man named Bob Minert who is the executive director of the Pennsylvania wing of the Civil Air Patrol. Again, I want to thank all of them for their interest and leadership and helping get us to where we are today.

I would just like to say that the GAO study that this legislation requires will help Congress assess the current capabilities of the Civil Air Patrol to assist the Federal Government and our State and local partners in conducting homeland security missions. The review will help us determine whether the current mechanisms to utilize the Civil Air Patrol as a force multiplier in various missions, including search and rescue and border security, are sufficient to meet today's needs.

As we saw after September 11 and Hurricanes Katrina and Rita, in a catastrophic event, this country must be able to dramatically increase the number of response assets, while ensuring that Federal, State and local resources

are well coordinated. By examining how various resources like the Civil Air Patrol may contribute to a mission prior to an event, we will help strengthen our Nation's security and resiliency.

I would like to thank everybody involved with this legislation, all my colleagues, and the 56 co-sponsors of this legislation. I urge my colleagues to support this bill and help to strengthen the performance of Homeland Security missions in the Department of Homeland Security.

Madam Speaker, at this time I yield back the balance of my time.

Mr. THOMPSON of Mississippi. Madam Speaker, I yield myself as much time as I may consume.

Madam Speaker, I urge passage of H.R. 1333. I strongly believe that the GAO report required under H.R. 1333 will provide us with the information needed to reach the right decision on the question of whether a formal relationship between DHS and CAP will serve our Nation's homeland security interests.

Certainly, over the past 60 years, Civil Air Patrol has shown itself to be a faithful partner to the Department of Defense. It is conceivable that the Civil Air Patrol could contribute to border security, search and rescue and responsive activities at DHS.

Additionally, it would be interesting to know whether the Civil Air Patrol can provide emergency transport for sensitive medical materials. I would also be interested to know whether the Civil Air Patrol area reconnaissance and communications capability can enhance our border security and DHS's ability to have situational awareness of natural disasters and other man-made events. The GAO study called for in this bill will answer these core capability questions.

For this reason, I support H.R. 1333, and urge its passage.

Ms. JACKSON-LEE of Texas. Madam Speaker, I rise today in strong support of H.R. 1333, Civil Air Patrol Homeland Security Support Act of 2007, introduced by my distinguished colleague from Pennsylvania, Representative DENT. This important legislation is a first step for the Committee on Homeland Security to understand how the Civil Air Patrol can provide necessary Homeland Security assistance.

The Civil Air Patrol is a prime example of how Americans can get involved to support our Nation's preparedness and response to emergencies as well as our Nation's great history of civil aviation and aerospace education. The Civil Air Patrol is a 501(c)(3) non-profit organization and also serves as the U.S. Air Force Auxiliary, when given an Air Force assignment for a Federal support mission. The Civil Air Patrol flies missions in one of two ways: they are either assigned an Air Force mission, wherein they fly on behalf of the Federal Government as the Air Force Auxiliary, or they fly in their non-profit status based on requests from State and local governments or other organizations, many of which have MOU's with the Civil Air Patrol that govern their partnerships. As such, the Civil Air Patrol

performs a vital service for this Nation, one which must be further examined and utilized.

Over the course of any given year, the Civil Air Patrol is responsible for conducting over 90 percent of the Nation's inland search and rescue operations on behalf of the Air Force. In fiscal year 2007 alone, the Civil Air Patrol helped save 103 lives. Beyond that capacity to execute search and rescue missions, the Civil Air Patrol can also provide emergency transport for sensitive medical materials and conducts low-altitude reconnaissance surveys for the Government. Even with the Civil Air Patrol is not in the air but working on the ground, their volunteers have pitched in to assist with disaster response.

This important legislation will require that the GAG examine how the Civil Air Patrol's proficiency in aerial reconnaissance and communications can enhance our border security. It furthermore will assess the Civil Air Patrol's experience in conducting damage assessment and enhancing situational awareness and how that might be utilized to improve our Nation's collective response to an act of terrorism, natural disaster, or other man-made event. The GAG report produced by this legislation will be utilized to paint a clear picture of the cost-effectiveness of using Civil Air Patrol assets for homeland security missions and help this committee to understand whether the current mechanisms for Federal agencies and States to request CAP support are adequate.

In this age of a global war on terror, it is imperative that we utilize all the assets available to us to secure our homeland. The Civil Air Patrol has been an invaluable resource for this Nation and embodies the volunteer service that makes our Nation great. I commend the Civil Air Patrol for their commitment to service and protecting this country, and I support this legislation that seeks to further examine how we might use them for their homeland security capacity.

I wholeheartedly support this legislation and strongly urge all of my colleagues to join me in doing so.

Mr. THOMPSON of Mississippi. Madam Speaker, I yield back the balance of my time.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from Mississippi (Mr. THOMPSON) that the House suspend the rules and pass the bill, H.R. 1333, as amended.

The question was taken; and (two-thirds being in the affirmative) the rules were suspended and the bill, as amended, was passed.

The title was amended so as to read: "A bill to direct the Comptroller General of the United States to conduct a study on the use of Civil Air Patrol personnel and resources to support homeland security missions, and for other purposes."

A motion to reconsider was laid on the table.

#### NUCLEAR FORENSICS AND ATTRIBUTION ACT

Mr. THOMPSON of Mississippi. Madam Speaker, I move to suspend the rules and pass the bill (H.R. 2631) to strengthen efforts in the Department of Homeland Security to develop nu-

clear forensics capabilities to permit attribution of the source of nuclear material, as amended.

The Clerk read the title of the bill.

The text of the bill is as follows:

H.R. 2631

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

#### SECTION 1. SHORT TITLE.

*This Act may be cited as the "Nuclear Forensics and Attribution Act".*

#### SEC. 2. FINDINGS.

*Congress finds the following:*

(1) The threat of a nuclear terrorist attack on American interests, both domestic and abroad, is one of the most serious threats to the national security of the United States. In the wake of an attack, attribution of responsibility would be of utmost importance. Because of the destructive power of the weapon, there could be little forensic evidence except the radioactive material in the bomb itself.

(2) Through advanced nuclear forensics, using both existing techniques and those under development, it may be possible to identify the source and pathway of a weapon or material after it is interdicted or detonated. Though identifying intercepted smuggled material is now possible in some cases, pre-detonation forensics is a relatively undeveloped field. The post-detonation nuclear forensics field is also immature, and the challenges are compounded by the pressures and time constraints of performing forensics after a nuclear or radiological attack.

(3) A robust and well-known capability to identify the source of nuclear or radiological material intended for or used in an act of terror could also deter prospective proliferators. Furthermore, the threat of effective attribution could compel improved security at material storage facilities, preventing the unwitting transfer of nuclear or radiological materials.

(4)(A) In order to identify special nuclear material and other radioactive materials confidently, it is necessary to have a robust capability to acquire samples in a timely manner, analyze and characterize samples, and compare samples against known signatures of nuclear and radiological material.

(B) Many of the radioisotopes produced in the detonation of a nuclear device have short half-lives, so the timely acquisition of samples is of the utmost importance. Over the past several decades, the ability of the United States to gather atmospheric samples—often the preferred method of sample acquisition has diminished. This ability must be restored and modern techniques that could complement or replace existing techniques should be pursued.

(C) The discipline of pre-detonation forensics is a relatively undeveloped field. The radiation associated with a nuclear or radiological device may affect traditional forensics techniques in unknown ways. In a post-detonation scenario, radiochemistry may provide the most useful tools for analysis and characterization of samples. The number of radiochemistry programs and radiochemists in United States National Laboratories and universities has dramatically declined over the past several decades. The narrowing pipeline of qualified people into this critical field is a serious impediment to maintaining a robust and credible nuclear forensics program.

(5) Once samples have been acquired and characterized, it is necessary to compare the results against samples of known material from reactors, weapons, and enrichment facilities, and from medical, academic, commercial, and other facilities containing such materials, throughout the world. Some of these samples are available to the International Atomic Energy Agency through safeguards agreements, and some countries maintain internal sample databases. Access to samples in many countries is limited by national security concerns.

(6) In order to create a sufficient deterrent, it is necessary to have the capability to positively identify the source of nuclear or radiological material, and potential traffickers in nuclear or radiological material must be aware of that capability. International cooperation may be essential to catalogue all existing sources of nuclear or radiological material.

#### SEC. 3. SENSE OF CONGRESS ON INTERNATIONAL AGREEMENTS FOR FORENSICS CO-OPERATION.

*It is the sense of the Congress that the President should—*

(1) pursue bilateral and multilateral international agreements to establish, or seek to establish under the auspices of existing bilateral or multilateral agreements, an international framework for determining the source of any confiscated nuclear or radiological material or weapon, as well as the source of any detonated weapon and the nuclear or radiological material used in such a weapon;

(2) develop protocols for the data exchange and dissemination of sensitive information relating to nuclear or radiological materials and samples of controlled nuclear or radiological materials, to the extent required by the agreements entered into under paragraph (1); and

(3) develop expedited protocols for the data exchange and dissemination of sensitive information needed to publicly identify the source of a nuclear detonation.

#### SEC. 4. RESPONSIBILITIES OF DOMESTIC NUCLEAR DETECTION OFFICE.

(a) ADDITIONAL RESPONSIBILITIES.—Section 1902 of the Homeland Security Act of 2002 (as redesignated by Public Law 110-53; 6 U.S.C. 592) is amended—

(1) in subsection (a)—

(A) in paragraph (9), by striking "and" after the semicolon;

(B) by redesignating paragraph (10) as paragraph (14); and

(C) by inserting after paragraph (9) the following:

"(10) develop and implement, with the approval of the Secretary and in coordination with the heads of appropriate departments and agencies, methods and capabilities to support the attribution of nuclear or radiological material to its source when such material is intercepted by the United States, foreign governments, or international bodies or is dispersed in the course of a terrorist attack or other nuclear or radiological explosion;

"(11) establish, within the Domestic Nuclear Detection Office, the National Technical Nuclear Forensics Center to provide centralized stewardship, planning, assessment, gap analysis, exercises, improvement, and integration for all Federal nuclear forensics activities to ensure an enduring national technical nuclear forensics capability to strengthen the collective response of the United States to nuclear terrorism or other nuclear attacks;

"(12) establish a National Nuclear Forensics Expertise Development Program which—

"(A) is devoted to developing and maintaining a vibrant and enduring academic pathway from undergraduate to post-doctorate study in nuclear and geochemical science specialties directly relevant to technical nuclear forensics, including radiochemistry, geochemistry, nuclear physics, nuclear engineering, materials science, and analytical chemistry; and

"(B) shall—

"(i) make available for undergraduate study student scholarships, with a duration of up to four years per student, which shall include, whenever possible, at least one summer internship at a national laboratory or appropriate Federal agency in the field of technical nuclear forensics during the course of the student's undergraduate career;

"(ii) make available for graduate study student fellowships, with a duration of up to five years per student, which—

"(I) shall include, whenever possible, at least two summer internships at a national laboratory