

BUILDING CONNECTIONS, FOSTERING SOLUTIONS

Annual Report 2012-2013

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ritical connections power the U.S. standards and conformity assessment system: connections between the diverse organizations that develop standards in every interest area; connections between government, business and industry, and individuals with a wide range of perspectives and expertise; and connections between the thousands of members and constituents of the American National Standards Institute (ANSI) working in close collaboration on solutions for national and global priorities. ANSI is committed to its mission of coordinating and facilitating these activities. And we are dedicated to safeguarding a system – and the public-private partnership it relies upon – that has fueled U.S. competitiveness and innovation for nearly a century.

This year, ANSI and its Federation of members made great advances in promoting the importance and value of the standardization system to government and business. And we saw that value in action, with new partnerships that will boost global market access for U.S. exports; achievements in growth areas such as energy efficiency and renewables, IT security, and workforce development; and expanded engagement with public- and private-sector leaders, agencies, and academia. These and all of the activities summarized in this Annual Report rely upon the connections ANSI works every day to foster, and the tools the entire standardization community provides to meet the needs of society.

"COMING TOGETHER IS A BEGINNING, STAYING TOGETHER IS PROGRESS, AND WORKING TOGETHER IS SUCCESS." – HENRY FORD



James T. Pauley, Chairman of the Board

In my long career involved in standards activities, I can't remember a time when cooperation and collaboration have been more critical to addressing key issues impacting our entire community. And I couldn't be prouder to assert my commitment, in my second year as ANSI chairman, to providing the guidance needed to help strategically position the Institute and its

Federation of members for long-term success, in the face of both significant challenges and great opportunities.

Everyone in the standardization community is talking about the issue of standards that are incorporated by reference (IBR) into regulation – and with good reason. It's a matter that impacts not only all of our business models, but the strength of the entire U.S. economic system. According to the National Institute of Standards and Technology (NIST), there are over 10,000 citations of standards incorporated by reference in regulations, and 80% of these are private-sector standards. The consequences to disrupting this system would be immeasurable.

Last year the National Archives and Records Administration issued a *Federal Register* notice asking a seemingly simple question: When standards are incorporated by reference into U.S. law, should people have to pay for them? But that question leads to many more that highlight how complicated the issue really is: Is it reasonable for the government to mandate that standards developing organizations (SDOs) make their documents freely available, when the documents are privately held intellectual property? And what really constitutes "freely available"?

Responding effectively to this issue is a matter of education and outreach. And that's why ANSI has taken a lead role in informing policy makers and the general public about the value of SDOs, and the importance of their work to our economy. ANSI has worked to ensure that government officials continue to recognize the effectiveness of current standards-related policy, through testimony at federal hearings, presentations at cross-sector events, targeted communications, and coordinated discussions between diverse stakeholders. And I believe we have done a tremendous job in clarifying the real crux of the issue.

We have explained the sensitive ecology of how standards are created, and how it is in all of our interest to preserve this balance and avoid undue influence of any single stakeholder. We have reached out to our members and constituents for their perspectives, and assessed recommendations for ensuring our system remains viable and effective. And we have prioritized the need to afford reasonable access to standards in a way that keeps the system going and flowing, so we can continue to promote competitiveness and innovation.

The IBR issue will likely continue to present challenges, but the attention has also had one very positive outcome... and that is a concrete demonstration of just how valuable standards are to the U.S. and global economy. And at the core of that value is the expertise and dedication of our network of thousands of individuals working in collaboration. I would like to extend my sincere thanks to all the members and volunteers, as well as ANSI staff and leadership, for their exceptional work and cooperation. I can assure you that ANSI is committed to creating the connections and finding the solutions needed to keep our system and community strong.

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S. Joe Bhatia, President and Chief Executive Officer

One of the most unique and valuable aspects of the U.S. standardization system is the way it connects everyone with a stake in an issue – from standards developers and industry organizations, to government, business, consumers, and academia. When all those interests participate, the standards and conformance solutions developed are among the most powerful

tools available for addressing national and global priorities. And ANSI ranks safeguarding that system at the top of our own list of priorities. This year more than ever, we have worked in close collaboration with our members and constituents to ensure our system remains strong, flexible, and effective.

The issue of incorporation by reference is one key issue that ANSI tackled this year. But another, perhaps even broader-reaching concern is the "graying of the standardization community." While we are incredibly proud to have thousands of dedicated professionals and volunteers, with decades of expertise in every area of standards, conformance, and technology, working together on behalf of U.S. innovation, our numbers are dwindling. Many among us are retiring or close to it, and a significant number of companies and organizations are not re-investing in standards activities or providing the training and mentorship needed to support participation.

More than half of America's economic growth comes from industries that barely existed twenty years ago, and those sectors offer the greatest promise to support our next generation. But their success depends upon continued innovation, and standards and conformance are a critical element of the formula. As you'll read in the following pages, emerging markets for everything from energy efficient products and systems, to renewables, to electric vehicles, to nanotechnologies rely upon coordinated standardization activities as a foundation for growth. Without knowledgeable professionals to lead and undertake that work, progress stalls.

An estimated 1.75 million new graduates entered the U.S. workforce in 2013. But with only the smallest fraction of our colleges and universities offering coursework on standardization, few job-seekers know its importance. Our future leaders need to understand how to use standards and conformance strategically to fuel innovation and competitiveness, and they need to be motivated to get involved. This is a challenge for every country in the world, and some, like Korea and China, have already begun to focus on standards education. As a result, their participation in standards-setting activities and ability to influence global markets are increasing.

As a community, we need to focus on ways we can expand quality education programs that promote standardization as the critical business tool we know it to be. This year ANSI has prioritized the advancement of our education initiatives to stimulate the creation of standardization programs or the incorporation of standards education into relevant existing programs in universities. We also promote the use and value of standards to students, to industry and government leaders, and to the public at large. But there is more that needs to be done. If we want to remain competitive in the global economy, we need to work together to get standards in the classroom as often as possible.

As coordinator of the standards and conformity community, ANSI is proud of the work our members and constituents are undertaking to develop tomorrow's standardization professionals. And we are dedicated to fostering the collaborations needed to support that work. These connections will strengthen our standardization system – and our nation – for generations to come.

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BUILDING CONNECTIONS, FOSTERING SOLUTIONS

ANSI's strategic priorities are shaped by the desire to effectively position the Institute for the long term. They take into account the needs we have heard from our members and constituents, as well as the publicly stated goals of the administration and policy makers. The following are highlights of actions on top priorities during the past year.

Lead Standards Initiatives That Enhance U.S. Competitiveness and Innovation

Promoting renewable energy is good environmental and economic policy with invaluable benefits. In an effort to realize that potential, the ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC) collected broad input on current standards and conformance activities and gaps related to energy efficiency in the built environment. Following the first EESCC plenary in January 2013, five working groups then moved into the gap analysis and road-mapping phases of work; the first draft of the EESCC roadmap is expected in late 2013. And the ANSI-National Institute of Standards and Technology (NIST) Nuclear Energy Standards Coordination Collaborative (NESCC) approved a new framework intended to guide the organization in responding to the changing needs of the nuclear industry and promote even greater public-private collaboration. The NESCC also has a new co-chair, Kevin Riley of Duke Energy.

While electric vehicles are widely viewed as key to a strong U.S. environmental and economic future. consumers have been slow to embrace the technology, citing uncertainties about infrastructure and performance. With a view toward achieving a coherent set of standards to support expansion in the market, Version 2.0 of the Standardization Roadmap for Electric Vehicles, developed by the Institute's Electric Vehicles Standards Panel (EVSP) was published. Available as a free download, the document tracks progress to implement recommendations made in the roadmap version 1.0, released in April 2012.

Constant advances in nanotechnologies drive innovation and business growth in nearly all industries, from life-saving medical breakthroughs to improved energy sources. To get an up-to-date inventory of activities and needs, the ANSI Nanotechnology Standards Panel (ANSI-NSP) held a meeting examining how nano standards are currently being used, their efficacy in addressing priorities, and how to increase participation. And the U.S. Technical Advisory Group (TAG) to International Organization for Standardization (ISO) TC 229, *Nanotechnologies*, continued its influence on international initiatives; under U.S. project leadership, TC 229's Working Group (WG) 3, *Health, Safety and Environment*, prepared a Technical Report providing guidance that will help specialists conducting toxicological tests on nano-objects.

Offer Solutions for National and Global Priorities

The development of smart, sustainable cities has become a top priority for governments and consumers, and its broad scope requires a collaborative, cross-sector approach. In April 2013, the Institute convened a Joint Member Forum (JMF) with experts from standards developing organizations, industry, government, and academia to discuss the role that standards and conformance solutions can play in national and international smart cities initiatives. Support was expressed for the formation of a U.S. TAG to ISO TC 268, *Sustainable development in communities*; ongoing discussions should result in the TAG's formation soon. And building on positive feedback from the JMF meeting, a full-day workshop was planned for November 2013 to further explore standardization solutions for smart and sustainable cities.

After a revision of the group's charter to expand its reach, the ANSI Homeland Security Standards Panel (HSSP) has been renamed the Homeland Defense and Security Standardization Collaborative (HDSSC). The group will engage with members of the homeland defense and security sectors that have not previously been directly involved with the voluntary consensus standards system, as well as the Department of Defense (DOD), National Institute for Occupational Safety and Health (NIOSH), and relevant state-level agencies. Earlier in the year, the ANSI-HDSSC held workshops and released reports on critical topics such as counterfeiting and security in international supply chains; implementing a national strategy on chemical, biological, radiological, nuclear, and explosives (CBRNE) equipment standards; and approaches for a standards-based national program establishing common metrics for resiliency.

Support and Protect the Standards Ecosystem

ANSI works every day to maintain a strong voice on behalf of the voluntary standardization community, and ensure that government, industry, and the public continue to recognize the value of standards and conformance. As the issue of standards incorporated by reference (IBR) in regulations continues to garner attention, the Institute has taken a lead role in monitoring the activity, communicating information, and fostering solutions that protect the standardization community and the public.

The 2012 Legal Issues Forum brought together more than 100 stakeholders to discuss the implications of the copyright issue, including the economics of standards setting, the reality of reasonable availability, and how altering the system could undermine U.S. competitiveness. The event was widely viewed as an important step forward in the standardization community's approach to IBR. Building on that work, an Open Forum was planned for World Standards Week 2013 to provide an even broader audience the opportunity to discuss this key issue.

Earlier in the year, an event on Capitol Hill focused on the importance of government reliance on voluntary consensus standards. Leaders from ANSI, NIST, and the Administrative Conference of the United States (ACUS) addressed more than 70 Congressional staffers, with ANSI providing information on efforts to develop a web-based IBR portal where SDOs could post read-only versions of their standards.

Beyond their importance in providing the expertise government relies on for effective and timely legislation, standards play an essential role in boosting private-sector productivity and economic growth. To get this message across to America's business leaders, the Institute expanded the reach of the Standards Boost Business (SBB) campaign. A brochure highlighting the power of standards and conformance to enhance competitiveness and drive innovation was mailed to more than 1,500 C-level executives from Fortune 1000 companies, along with ANSI's members and SBB partners. Case studies, topical articles, and web resources were added to www.standardsboostbusiness.org, and an outreach effort resulted in renewals and a number of new partners joining the campaign.

Serve as a Bridge between Public-Sector Policies and Private-Sector Solutions

Collaboration and coordination between the Institute, its Federation of members, and government leaders is key to maintaining a strong voice in U.S. policy, and effectively responding to the needs of the nation. To answer the question of how U.S. government and industry can be most effective at coordinated standards development,

ANSI and the Consumer Electronics Association (CEA) cohosted Addressing National Priorities through Standards. The event focused on government reliance on privatesector standards and drew nearly 70 stakeholders from government, industry, academia, and more. To help ensure the importance of the voluntary consensus standardization system is understood by Congressional staff as well as agency representatives, ANSI leadership testified before the U.S. House of Representatives Committee on Science, Space, and Technology at a hearing on *Promoting Innovation*, *Competition, and Economic Growth*. The remarks highlighted how standards and conformance can be a strategic tool to help fuel U.S. competitiveness, and stressed that the Institute is always ready to coordinate the public-private partnership needed to help U.S. industry succeed in the global market.

And in the most recent example of that partnership in action, ANSI and the United States Agency for International Development (USAID) together began a multiyear program to provide up to ten developing countries with concrete assistance related to capacity building. The ANSI-USAID Standards Alliance is expected to bolster understanding of the World Trade Organization (WTO) Technical Barriers to Trade (TBT) principles, with the larger goal of promoting trade and economic development.

Assert U.S. Leadership in Regional and International Standardization

The Institute demonstrated U.S. commitment to leadership and engagement in the Asia-Pacific region by hosting the Joint Annual Meeting of the Pacific Area Standards Congress (PASC) and the Pacific Accreditation Cooperation (PAC) in May 2013 in Honolulu, Hawaii. This first-ever joint plenary meeting was planned as part of an effort to strengthen the two groups' cooperative work. And highlighting U.S. leadership in the Americas, ANSI president and CEO S. Joe Bhatia was elected to a two-year term as president of the Pan American Standards Commission (COPANT) during the group's 2013 General Assembly.

On the global stage, ANSI displayed strong engagement in international standards and conformance fora throughout the year via increased leadership, events, publications, and outreach. The Institute took a lead role in getting the new ISO TC 285, *Clean cookstoves and clean cooking solutions*, off the ground, stepping up to serve as Twinned Secretariat with the Kenya Bureau of Standards (KEBS). The development of global criteria for clean, efficient, and safe cookstoves is expected to reduce serious health hazards for nearly half the world's population.

The U.S. National Committee (USNC) to the International Electrotechnical Commission (IEC), a committee of ANSI, held a number of webinars and training courses and published two new brochures on the importance of U.S. participation in IEC work. Demonstrating success, a 10% increase in USNC TAG participation was recorded in 2012 over 2011. And for the second year in a row, a U.S. Young Professional (YP) winner was selected by the IEC to be a YP program Leader.

Boost Bilateral Relationships in Key Market Sectors

Working to strengthen global market access through standardization is key to U.S. competitiveness and a constant priority for ANSI. The Institute maintained regular dialogues with the European Standards Organizations (CEN, CENELEC, and ETSI), and all agreed to intensify collaboration as the EU and U.S. negotiate a Transatlantic Trade and Investment Partnership (TTIP). The Institute also collected comments on the proposed TTIP for a consensus response to the Office of the U.S. Trade Representative (USTR), and presented oral testimony on the importance of standardization as part of any effective agreement. And ANSI and the German Institute for Standardization (DIN) held a roundtable in Berlin to discuss German and U.S. priorities for standardization and

areas to increase cooperation, including electric vehicles,

smart cities, and smart grid technologies.

Demonstrating a commitment to fostering Sino-American cooperation for trade growth, ANSI has been selected to conduct Phase III of the U.S. Trade and Development Agency's (USTDA's) U.S.-China Standards and Conformity Assessment Cooperation Program. The Institute will organize seminars and workshops on standards, conformity assessment, and technical regulations that impact U.S. and Chinese industry. The initiative will build on successes achieved through the Manufacturer Member Roundtable, which also hosted a number of events attended by Chinese officials on key topics such as electric vehicles, electrostatic discharge, and industry engagement in standardization.

To boost U.S. business in the expanding Russian market, ANSI took part in a meeting of prominent Russian and U.S. experts hosted by Moscow's World Trade Center that included discussion of improved cooperation in technical standards and compliance assurance and other methods to promote U.S.-Russian trade. And among other successes in regional cooperation around the world, ANSI and Ecuador's national standards body signed a Memorandum of Understanding (MoU) that seeks to establish future areas of cooperation between the two organizations.

Respond to Industry Needs and Increase Access and Communication

ANSI continually strives to enhance its member and customer experience and provide constituents with the needed tools

to become more effective stewards for standardization within their own organizations. A free webinar, *What is an American National Standard anyway?*, provided over 300 participants with an easy-to-digest overview of the American National Standards (ANS) process, the role of Institute, and ANSI-accredited standards developers (ASDs) for anyone interested in participating in the ANS process.

To ensure that those representing the U.S. at ISO have the knowledge to be effective international delegates, it was announced that all ANSI-accredited U.S. TAG Administrators to ISO and all ANSI-delegated ISO Secretariats are required to fulfill a new training requirement, offered via webinar at no cost. And to facilitate and advance even stronger U.S. participation, the Institute released free multimedia training courses on effective delegate basics, ISO Secretariat operations, and the procedures of U.S. TAGs.

Expand Accreditation Services and Program Recognition

ANSI's accreditation programs for skills-based credentials continue to grow, providing effective solutions for U.S. job development. In a boost to the IT networking and security workforce, several Cisco Career Certifications were accredited under the Institute's Accreditation Program for Personnel Certification Bodies. And ANSI expanded its work with the government on credentialing measures intended to boost veterans' employability.

In partnership with the Interstate Renewable Energy Council, Inc. (IREC), the Institute officially launched the ANSI-IREC program for the accreditation of renewable energy and energy efficiency certificate programs, after a successful pilot phase. And the first accreditation of a U.S. certification body offering certification under ISO 3834, *Quality Requirements for Welding*, was granted to Illinois-based DOT Quality Services.

The ANSI-ASQ National Accreditation Board (ANAB)/ ACLASS has begun offering environmental laboratories the opportunity to undergo concurrent accreditation to multiple relevant standards, simplifying the accreditation process and making it easier for labs to fulfill their accreditation needs. Harmonization of accreditation practices around the world enhances global trade opportunities. In an effort to increase international acceptance of inspection reports, ANAB/ACLASS/FQS

signed the mutual recognition arrangement (MRA) of the Asia-Pacific Laboratory Accreditation Cooperation (APLAC). And ACLASS granted accreditation certificates to two laboratories in the Republic of Georgia as part of ANSI's collaborative effort with USAID's Economic Prosperity Initiative (EPI) and the Georgia Accreditation Center (GAC) to bolster the country's trade and economic growth.

Engage New Constituents and Expand ANSI's Role in the Marketplace

ANSI constantly strives to cultivate new opportunities for engagement and growth, and one key venue is the academic sector. For the past two years, the Institute has increased its activities and outreach to students, professors, and emerging professionals in an ongoing effort to ensure the strength of the next generation of U.S. standards and conformance experts. In conjunction with the World Standards Cooperation (WSC) - a partnership between ISO, IEC, and the International Telecommunication Union (ITU) and the U.S. Library of Congress, the Institute co-hosted a roundtable meeting of international standards professionals, government representatives, and university professors to discuss ways to promote dialogue and collaboration between standards organizations and universities. And in a direct effort to engage tomorrow's standardization professionals, the Institute's second annual student paper competition focused on the role of standards in disaster recovery and preparation.

A new partnership with the Polytechnic Institute of New York University (NYU-Poly) was announced, providing ANSI full members with a 10% tuition rebate upon successful completion of any online course at NYU-Poly. And the Institute increased membership efforts to target under-represented sectors such as energy companies and utilities, automotive, research facilities, and ICT, resulting in result a current total of more than 1,000 members in the ANSI Federation.

ACTIVITIES AND PARTICIPATION BY THE NUMBERS

AS OF JULY 15, 2013

Membership

Total Members	1,044
Company	595
Organizational	336
Government	50
Educational/Institutional	22
International	41
Affiliates	1,040

ANS & ASDs

ANSI-Accredited Standards Developers and American National Standards (ANS)

ANSI-Accredited Standards	
Developers	229
Approved ANS 10	,714



ISO

ANSI Participation in the International Organization for Standardization (ISO) Participating "P" Memberships **576** Technical Advisory Groups 215 U.S.-Administered Technical Committee (TC) Secretariats 34 U.S.-Administered Subcommittee (SC) Secretariats 81 U.S. Held Chairmanships 116

USNC/IEC

ANSI/USNC Participation in the International Electrotechnical Commission (IEC)

Participating "P" Memberships**158**Technical Advisory Groups158Administered TC Secretariats12Administered SC Secretariats11U.S. Held Chairmanships29

ANSI Accredited Bodies

70
45
26
26

ANAB <u>Accredited</u> Bodies

Quality Management	72
Environmental Management	57
Other	107

ACLASS & FQS Accredited Bodies

Testing Labs	444
Calibration Labs	279
Reference Material Producers	18
Proficiency Testing Providers	7
Inspection Bodies	17

DESCRIPTION OF ORGANIZATION

The American National Standards Institute (ANSI) is a 501(c)3, not-for-profit organization. In fulfilling its mission, ANSI:

- Is recognized by both the public and private sectors as the policy and coordination forum for the U.S. standards and conformity assessment community.
- Approves standards as American National Standards (ANS) and safeguards the integrity and value of the ANS designation by requiring openness, balance, due process, consensus, and transparency to all directly and materially affected interests in the private and public sectors.
- Is the U.S. national member body to the International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC, via the U.S. National Committee), and other non-treaty regional and international standards and conformity assessment organizations, facilitating access by U.S. parties and promoting U.S. interests.

- Coordinates efforts in the marketplace to make products and systems safe, efficient, and globally relevant.
- Provides a means for assessing the need for new standards and conformity assessment activities and promotes the resolution of identified needs.
- Interfaces with U.S. and other governments on standards and conformity assessment issues.
- Accredits standards developers, U.S. Technical Advisory Groups (TAGs) to ISO, and conformity assessment bodies.
- Provides a central resource for timely, relevant, and easily accessible information and education on standards, conformity assessment programs, and related activities in the U.S. and abroad.

For more information, see the Statement of Activities on page 13.

FINANCIAL OVERVIEW 2012



	34%		Publications
	17%	Ac	creditation services
	17%	Manag	ement and general
	12%	International s	tandards programs
0 O	7%		ISO/IEC dues
NSe	5%		Fee-based services
	3%		Governance
0	2%	Fed	deration promotion
X	2%	Membership	and administration
Í	1%		Government affairs

BUILDING CONNECTIONS, FOSTERING SOLUTIONS

FINANCIAL POSITION

as of December 31, 2012 and 2011

	2012	2011
Assets		
Cash and cash equivalents	\$ 3,678,708	\$ 3,873,117
Investments	7,354,796	6,738,151
Net accounts receivable:		
Publications and royalties	3,277,976	2,889,353
Program support, accreditation, dues, and other	2,372,735	2,455,301
Prepaid expenses and other assets	681,217	778,314
Prepaid pension costs	668,065	17,009
Investment in ANAB	324,767	158,660
Net property and equipment	400,880	2,614,647
Total assets	\$ 18,759,144	\$ 19,524,552
Liabilities		
Accounts payable and accrued expenses	\$ 7,251,784	\$ 7,673,044
Deferred dues and fee income	4,122,685	3,977,715
Deferred rent	770,217	625,474
Total liabilities	\$ 12,144,686	\$ 12,276,233
Net assets		
Unrestricted:		
Operating fund	\$ 41,368	269,312
Board-designated permanent reserve	5,600,832	5,600,832
Specific-purpose funds	745,560	1,145,479
Total unrestricted	6,387,760	7,015,623
Temporarily restricted	226,698	232,696
Total net assets	\$ 6,614,458	\$ 7,248,319
Total liabilities and net assets	\$ 18,759,144	\$ 19,524,552

STATEMENT OF ACTIVITIES

as

ecember 31, 2012 and 2011	Summarized Information 2012	%	Summarized Information 2011	%
Revenue				
Membership dues and assessment fees	\$ 5,425,011	15%	\$ 5,318,357	15%
Publications	20,775,080	59%	20,227,564	59%
Accreditation services	6,476,535	18%	5,905,627	17%
International standards programs	972,536	3%	932,488	3%
Fee-based programs	1,899,905	5%	2,198,701	6%
Total operating revenue	\$ 35,549,067	100%	\$ 34,582,737	100%
Expenses				
Program expenses:				
Publications	\$ 12,075,435	34%	\$ 11,337,419	33%
Accreditation services	6,055,156	17%	5,607,767	16%
International standards programs	4,090,346	12%	4,088,186	12%
ISO/IEC dues	2,546,966	7%	2,547,218	7%
Governance	1,119,639	3%	1,331,351	4%
Fee-based services	1,859,470	5%	1,597,272	5%
Federation promotion	603,494	2%	654,350	2%
Government affairs	471,047	1%	515,709	1%
Total program expenses	\$ 28,821,553		\$ 27,679,272	
Supporting services:				
Membership and administration	657,971	2%	619,941	2%
Management and general	6,026,968	17%	6,282,329	18%
Total supporting services	\$ 6,684,939		\$ 6,902,270	
Total operating expenses	\$ 35,506,492	100%	\$ 34,581,542	100%
Change in net assets from operations	42,575		1,195	
Non-operating activities				
Net investment return	\$ 700,823		\$ (437,693)	
ISO General Meeting	(98,600)			
Loss on disposal of fixed assets	(1,292,265)			
Post-retirement-related changes other				
than net periodic postretirement cost	13,606		(714,781)	
Total non-operating activities	\$ (676,436)		\$ (1,152,474)	
Change in total net assets	(633,861)		(1,151,279)	
Net assets, beginning of year	7,248,319		8,399,598	
Net assets, end of year	\$ 6,614,458		\$ 7,248,319	

LEADERSHIP AND OFFICES

BOARD OF DIRECTORS



Chairman

Mr. James T. Pauley Senior Vice President, External Affairs and Government Relations Schneider Electric



Mr. Kevan P. Lawlor President and CEO, **NSF** International



Vice Chai

Mr. David L. Miller Director, Standards, American Petroleum Institute



Vice Chair

Ms. Mary Saunders Associate Director, Management Resources, National Institute of Standards and Technology



Vice Chaiı

Ms. Sharon K. Stanford Director, Standards Administration, American Dental Association

Ms. Bonnie Rose President, CSA Standards

Mr. Gregory E. Saunders Director, Defense Standardization Program Office, U.S. Department of Defense

Ms. Mary H. Saunders Associate Director for Management Resources, National Institute of Standards and Technology

(representing)

Stavrianidis General Manager, FM Approvals

Mr. James A. Thomas President. **ASTM** International

Ms. Kathleen A. Thuner National Association of Consumer Agency Administrators (representing)

Immediate Past Chairman

Mr. James H.

Senior Counsel and

Programs, Association

Director of Energy

of Public and Land

Grant Universities

Partner, Gesmer

Updegrove LLP

Mr. Lee Webster

Standards, Society

for Human Resource

Ms. Rachel Weintraub

Legislative Director

and Senior Counsel,

Consumer Federation

Director, HR

Management

of America

Williams, II

Standards.

Underwriters

Mr. Robert A.

Vice President,

Mr. Andrew

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Turner, Jr.

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Mr. William Berger Managing Director, Standards, ASME

Dr. Keith Bird Senior Policy Fellow for Workforce and Postsecondary Education, Corporation for a Skilled Workforce

Mr. GP Russ Chaney CEO, IAPMO

Mr. Colin B. Church Voluntary Standards Coordinator, Office of the Executive Director, U.S. **Consumer Product** Safety Commission

CDR Scott A. Colburn Director, Standards Program, Center for Devices and Radiological Health, U.S. Food and Drug Administration

Mr. Patrick B. Davis Program Manager, Vehicle Technologies Program Office, U.S. Department of Energy Dr. Donald R. Deutsch Vice President, Chief Standards Officer, Oracle

Dr. Richard J. Forselius Program Leader, Design for Environment and Safety Program, Sikorsky Aircraft Company/United Technologies Corp.

Ms. Patricia A. Gleason President, Safety Equipment Institute

Dr. Paul J. Hearty Vice President of Technology Standards Office, Sony Electronics, Inc.

Ms. Laura E. Hitchcock Senior Standards Specialist and Corporate Project Manager for External Standards Management, Strategy, and Policy, The Boeing Company

Dr. John D. Kulick Manager, Standardization U.S., Siemens USA

Ms. Mary K. Logan President, Association for the Advancement of Medical Instrumentation

Mr. Edward M. Manns Manager, Aerospace Standards, SAE International

Mr. James E. Matthews, III Director, Technical Standards and Standards Policy, Corning Incorporated

Mr. Joseph M. McGuire President, Association of Home Appliance Manufacturers

Dr. Mary C. McKiel EPA Standards Executive, U.S. Environmental **Protection Agency**

Mr. Alexander **McMillan** Director, Global Standards and Trade, **Rockwell Automation**

Ms. Susan Miller President and CEO, Alliance for Telecommunications Industry Solutions, Inc. Mr. Earl Nied Program Director of Standards and IPR, Intel Corporation

Mr. Stephen P. Oksala Oksala Consulting, LLC

Mr. Philip M. Piqueira Chief Consulting Engineer, Global Standards Leader, GE Industry Solutions

Dr. R. David Pittle Consumer Representative

Mr. William Raisch Executive Director, International Center for Enterprise Preparedness, New York University

Ms. Claire Ramspeck Director of Technology, ASHRAE

Dr. Urvashi Rangan Director, Consumer Safety and Sustainability Group, **Consumer Reports**

Dr. Dan Roley Standards Manager, Caterpillar Inc.

Mr. Alvin Scolnik National Electrical Manufacturers Association

Mr. Paris

Laboratories Inc. Dr. Cynthia D.

Woodley Vice President and Lead Psychometrician, Professional Testing, Inc.

Mr. F. Donald Wright President, Standards Strategies, LLC

SENIOR MANAGEMENT TEAM

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