An Overview of the ISOC Programs and Projects
Supported by .ORG Revenues in 2006

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## Introduction

A major source of program funding for many of ISOC's initiatives is the Public Interest Registry (PIR). PIR, through its ISOC roots, has the benefit of long-established and well-recognized mechanisms in place for responding to and supporting noncommercial Internet users.

PIR contributes to, supports, and enhances ISOC's mission and programs by allocating surpluses generated by .ORG domain registration revenues to the sponsorship of ISOC-managed programs in line with the following common purposes of ISOC and PIR:

- To facilitate and support the continuing evolution of the Internet as a research, education and communication infrastructure, and to stimulate the involvement of the non-profit community, and others, in the continuing growth and evolution of the Internet
- To educate the non-profit community and the public at large about technology and the Internet, and to encourage others to do the same
- To stimulate and facilitate effective use of the Internet by non-profit organizations and others

ISOC has a long and successful track record as an enabler of sustainable initiatives in support of the open development, evolution and use of the Internet for the benefit of people everywhere.

Programs and related projects in the areas of Standards, Internet Policy and Education have contributed greatly to increasing technical competence as well as awareness of technical and social issues concerning the Internet.

In the area of Internet policy, .ORG support enables ISOC to develop and promote programs and communication activities in support of an open Internet.

In the area of Education, .ORG support has made possible initiatives such as the ISOC Workshop Resource Centre and regional network training workshops in all parts of the world. These workshops help to strengthen the technical expertise of local network operators who need to design and manage larger networks as the demand for connectivity in their regions increases. Furthermore, workshops such as these have helped transfer technology and knowledge to developing regions in a move that is making them self-sufficient in their support of their local Internet infrastructure.

An overview of the programs and projects supported by .ORG revenues is provided on the following pages.

All these activities are examples of how ISOC supports public interest programs with the proceeds of .ORG domain name revenues generated by PIR.

# Internet Society 2006 Program Review

## I - Education Pillar

In 2006, .ORG revenues made it possible for ISOC to support significant education initiatives and events that promote the growth, smooth operation and open evolution of the Internet around the world.  ISOC's education and training programs are aimed at increasing the technical, operational, and policy knowledge of Internet practitioners and policy makers, particularly those in lesser developed countries.

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### Workshop Resource Centre

ISOC in collaboration with the Network Startup Resource Center (NSRC) continues to expand the materials and tools available on the ISOC Workshop Resource Center (WRC), a centralized, publicly available database of Internet technical training materials.  The site also contains planning tools to help workshop organizers develop and host local events, as well as discussion forums and lists of local trainers and experts.

The WRC now hosts presentations and training materials from over 200 workshops, comprising over 1000 individual items available for download.  The workshop calendar includes information on upcoming network-related training and education events through 2010.

Since its inception, ISOC and NSRC have received positive feedback from portal users.  ISOC will be working with NRSC in the near term to increase the available content, further enhance the user experience, and promote the portal at training events and conferences.

http://ws.edu.isoc.org

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### Regional Workshops and Activities

PIR funding made it possible for ISOC to provide support to regional network operator meetings, which bring together network engineers for tutorials and workshops on contemporary technical, operational, and policy issues.  As well as providing agenda, speaker, and logistical support for local meeting organizers, PIR funding supported nearly 80 fellowships for technologists from lesser developed regions to attend these important events.

Events supported by ISOC in 2006 include:

### SANOG 7, Mumbai, India — 16 — 24 January 2006

This meeting of SANOG, which serves network operators in South Asia, saw the introduction of new workshop tracts including IPv6 and Multicast.  SANOG 7 was the largest SANOG so far with more than 225 participants.  ISOC provided the keynote speaker and supported some 20 students to attend the event from countries including Bhutan, Nepal and India.

http://www.sanog.org/sanog7/

### AfNOG, Nairobi, Kenya, 7 —  18 May 2006

AfNOG meetings offer tutorials and advanced training to operators of African ISPs who are in the process of developing and enhancing their Internet infrastructures.  In addition to technical training, a main goal of AfNOG is to build robust professional linkages in the region that will remain strong and useful beyond individual conferences.

The May 2006 meeting attracted 69 participants from 16 African countries.  ISOC funding made it possible for 17 participants from countries including Nigeria, Malawi, Tanzania, Gamba, Ghana, Djibouti and Togo to attend the event.   ISOC also supported the meeting by organizing a panel session on Internet governance issues and their relevance to the developing world.

http://www.afnog.org/

### PacNOG, Samoa, 18 — 24 June 2006

PacNOG provides a venue for service providers from the Pacific network community to meet and discuss current issues as well as receive technical training. The second PacNOG meeting included a day-long plenary session and two multi-day tracks on ccTLD operations and policy and routing and network management.  ISOC assisted in workshop organization, provided for the shipment of books and materials to the meeting, contributed to speaker costs, and hosted an evening networking reception for participants.

http://www.pacnog.org/pacnog2/

### WALC, Quito, Ecuador, 24 — 29 July 2006

The ninth Latin American and Caribbean Network Technologies Workshop took place in Quito, Ecuador and attracted some 250 participants from 20 countries in the region.  The event included eight training tracks covering different aspects of information and communication technologies including, wireless data networking, IP telephony, network security, and IPv6 among others.  ISOC contributed to the organization of the meeting and supported fellowships for 20 participants.

http://www.walc2006.ula.ve/english/index.html

**SANOG 8, Karachi, Pakistan, 27 July – 4 August 2006**

SANOG 8 was the first ever South Asian network operators' event to be held in Pakistan. Among other topics covered, the meeting featured workshops on security issues, including DNSSEC, and tutorials on data center technology and disaster recovery. ISOC funding paid for the shipment of education materials for the training sessions as well as 20 fellowships for students to participants in the meeting.

http://www.sanog.org/sanog8/

**AfriNIC**

AfriNIC is the recently established regional Internet numbering registry (RIR) for Africa. AfriNIC's core business is the allocation and registration of Internet numbering resources for computer networks in the region. As an emerging organization of critical importance to the growth of the Internet, ISOC supports AfriNIC by funding significant meeting costs. In 2006, PIR through ISOC contributed to the success of the AfriNIC 4 meeting in Nairobi, Kenya and AfriNIC 5 in Mauritius.

http://www.afrinic.net/

**ccTLD Workshops**

ISOC works in collaboration with local communities, regional organizations, the Network Startup Resource Center (NSRC), and the Internet Corporation for Assigned Names and Numbers (ICANN) to organize training workshops for operators of country code top level domains (ccTLDs). The number of domain name registrations within ccTLDs is growing and these operations comprise a significant portion of the Internet domain name system infrastructure.

The target audience for these training workshops are ccTLD registries in lesser developed regions of the world. In order to promote the smooth and secure operation of the Internet, ISOC has committed itself to delivering timely and topical training and education opportunities for ccTLD operators. PIR funding makes this important work possible.

**ccTLD Workshop in Samoa**

In 2006, ISOC organized a hands-on training workshop in conjunction with the PacNOG meeting in Samoa. The four-day program was aimed at the unique ccTLD education needs of small island states focusing deeply on technical and operations training, including practical labs.

The event also provided an important personal networking and information sharing opportunity for a community that literally spans the Pacific Ocean. Attendees included individuals representing American Samoa (.as), Kiribati (.ki), Cook Islands (.ck), Marshall Islands (.mh), Samoa (.ws), Tonga (.to), Tuvalu (.tv), Solomon Islands (.sb), and Vanuatu (.vu).

http://ws.edu.isoc.org/workshops/2006/ccTLD-Samoa/

**ccTLD Policy and Management Tutorials**

Also in 2006, ISOC, in conjunction with ICANN, will conduct a series of meetings that emphasize ccTLD policy and management topics, as well as best practices. By focusing more heavily on procedural issues, the program will be appropriate as a "stand alone" event for more technically advanced regions and well as supplemental training for regions still in need of hands-on technical workshops.

ISOC and ICANN will be holding the first of these events in 2006, starting with Sofia, Bulgaria on 24 – 26 October (aimed at operators from the Balkan region and Eastern Europe) followed in November with a workshop in Dubai, United Arab Emirates (aimed at Middle Eastern and North African operators.)

**ISOC Fellowship to the IETF**

PIR funding made it possible for ISOC to launch a new program, the ISOC Fellowship to the IETF, which is aimed at building technical and standards expertise in the developing world. The program sponsors the cost of attending an IETF meeting for technologists from lesser developed countries who would not otherwise not be able to participate in person.

While much of the IETF's work takes place over mailing lists, the in-person experience promotes a stronger understanding of the standardization process, encourages active involvement, and facilitates personal networking with others that have similar technical interests. This program also benefits the IETF by brining new people and ideas into the technical arena.

ISOC successfully piloted the program in July, 2006 at the 66th IETF in Montreal. Two individuals from Africa participated in the pilot and found the experience extremely beneficial. Building on this success, the ISOC Fellowship to the IETF has been established as a regular activity, with the goal sending at least 15 ISOC Fellows per year to IETF meetings.

http://www.isoc.org/educpillar/fellowship

**INET Conferences**

ISOC's INET conferences bring together policy makers, regulators, and leaders in the Internet technical community to learn about and discuss important international and regional Internet issues.

ISOC held an INET Africa conference on May 18th in conjunction with the AfriNIC 4 and AfNOG 7 meetings in Nairobi, Kenya. The morning sessions focused on technical and policy aspects surrounding Internet standards development and applications. Special attention was paid to local content and multilingual issues and other efforts to further internationalize the Internet. The afternoon session focused on Internet governance and WSIS follow-up, and included an open discussion on Internet governance issues of importance to the continent.

A second INET Africa conference will take place in December in Mauritius in conjunction with AfriNIC 5.  The agenda will focus on Internet security issues, current issues in ccTLD policy, and the activities of the Internet Governance Forum.

http://www.isoc.org/isoc/conferences/inet/06/

### Other General Education and Sustainability Support

With PIR financial support, ISOC was also able to respond to regional coordinating groups that needed limited, supplemental funds sustain local resources and carry out important training events.  In 2006, ISOC supported a SANOG-related training workshop in the Maldives, the IPv6 Summit in Senegal, and helped resource the African Top Level Domain Organization (AfTLD) to bolster their effectiveness at meeting regional needs.

## II – Internet Policy

### Internet governance - a critical policy area for ISOC

2005 and 2006 were a critical period for ISOC in terms of the Internet Governance debate.  Much of ISC's policy work has been targeted at defending and promoting the current collaborative and distributed model of Internet administration and management.  These mechanisms that have contributed to the smooth functioning and stability of the Internet were under considerable pressure during the WSIS.  A number of governments and other stakeholders were pushing alternatives to the existing model, alternative that would have seen a fundamental change in the way the Internet was managed and run.  While the more politicized debate has been somewhat diffused, the discussion of Internet governance continues and is likely to be with us for some time to come.

### ISOC@WSIS: Tunis

The World Summit on the Information Society concluded in Tunis in November of 2005.  ISOC's participation was central to the carefully worded conclusions drawn in the area of Internet governance.  Along with our colleagues in the Internet community, ISOC played a key role along with a range of other stakeholder in securing language in the concluding texts that emphasized the important ongoing role of the Internet community and the importance of stability and continuity of the Internet.  The push for new mechanisms for

Internet governance was diffused and the discussion would continue in the form of a space for "multi-stakeholder policy dialogue" called the Internet Governance Forum (see below). ISOC's work at Tunis was significantly assisted by the capacity building ISOC WSIS Ambassador program, our very successful Internet Pavilion and support from across the range of stakeholders.

## ISOC and the Internet Governance Forum

ISOC's central role in the Internet governance discussions continued into 2006 with its engagement in the Internet Governance Forum. In order to assist with the creation of the Forum an Advisory Group was established numbering some 47 individuals, including ISOC's Director of Public Policy, representing the major stakeholders. The Advisory Group has been instrumental in shaping the agenda, the focus areas and the content of the first meeting of the Internet Governance Forum scheduled for Oct 30 - November 2 in Athens, Greece. The Athens Forum will cover a range of important issues, including access to knowledge, freedom of expression, multilingualism, spam, network security, international interconnect and enabling environments. The mandate of the Forum is 5 years - Brazil will be hosting in 2007.

## Beyond the Internet Governance Forum

In addition to the Advisory Group meetings related to the IGF, ISOC also participated in a range of other meetings related to Internet governance, including WSIS Action Line meetings that involve a number of international organizations, various conferences on Internet governance and other associated events, continuing to advocate for the importance of the current mechanisms for administering and managing the Internet. ISOC also encourages the discussion of Internet governance at a regional level through our successful INETs, kicking off a vigorous discussion at INET Africa held in Nairobi in May. We fully expect the Internet governance discussion to continue through the ITU Plenipotentiary and into 2007, and do not foresee any slackening of the issue through the end of the IGF's mandate.

ISOC's programs to regionalize and globalize its public policy activities will also play a significant role in helping the shape the Internet governance discussion going forward. With an increased presence at the regional level through the Regional Bureaus - the first of which was launched in September - and in regional policy discussions through the Regional Policy Advisory Groups, ISOC's contribution to the Internet governance debate continues to grow.

## Public Policy partnering across membership and stakeholders

ISOC has contributed to and played a part in a range of associations, international and national advisory groups, and informal groups - such as the ICC, US Chamber of International Business, CCBI, OECD, ITU, Public Knowledge, etc - through which it continued to promote its core values and public policy principles. In 2006 ISOC also

provided input and feedback on a range of papers and position to organizations such as the OECD directly or indirectly through business associations. Examples of this type of work include presentations at the at the OECD's workshop on "The Future of the Internet" and the ITU's workshop on "Rules of Next Generation Networks", and working with Public Knowledge and several ISOC members to oppose the draft WIPO treaty on Web-casting.

### Building the Public Policy Team

In October 2006, Ms. Constance Bommelaer joined ISOC in the Manager of Public Policy position.   Constance was previously a policy officer with the French Prime Minister's Services, covering Internet governance matters, regulatory affairs and Information Society issues.  Constance participated in the WSIS, has presented on anti-spam techniques and other security issues, contributed to building legal and technical cooperation activities between France and African countries and acted as a liaison with the European Commission on French e-content related projects.  Constance brings a very valuable and broad perspective to the public policy team at ISOC, and will be instrumental in increasing the breadth of our reach and subject matter coverage.  Constance is a French national, speaks fluent English, and is located in the Geneva office.

## III – Communications and Community Building

### ISOC Annual Report

ISOC's third Annual Report was produced and distribution commenced during the 66th meeting of the IETF in Montreal in July. The publication, which is available in electronic and hard-copy formats, sets out to explain how ISOC works, what ISOC achieved during 2005 and where the society is heading in the future. PIR featured prominently in the 2005 report.

http://www.isoc.org/isoc/reports/ar2005/

## IV – Systems Administration and Infrastructure

### System Administration, Infrastructure Improvements

Peter Godwin took over responsibility for ISOC's IT operations early in 2006. Actions were taken to improve the stability of ISOC's web and IT infrastructure and several new applications and services were implemented.