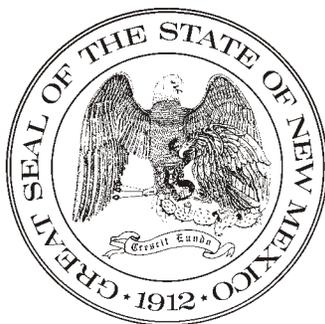


INFORMATION TECHNOLOGY
OVERSIGHT COMMITTEE



REPORT
to the
FORTY-SEVENTH LEGISLATURE,
SECOND SESSION

December 2005
Legislative Council Service
File No. 205.182-04

REPORT
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE

EXECUTIVE SUMMARY

The Legislative Council created the Information Technology Oversight Committee (ITOC) for the 2005 interim. The committee had been created pursuant to Laws 1999, Chapter 16 and terminated December 1, 2005 but the Legislative Council chose to retain the committee and its charge.

During the 2005 interim, the ITOC received testimony on various issues:

- information technology (IT) security, including identity management;
- statewide projects;
- individual agency IT initiatives;
- asset management; and
- legislative information systems.

The ITOC asked that the state's chief information officer (CIO) and the chair of the Information Technology Commission provide updates on their respective areas and duties at each of the committee meetings. Committee members also requested that the Legislative Finance Committee provide a monthly status report on IT initiatives that it is monitoring.

The state CIO introduced numerous agency CIOs to the committee, many of whom attended various meetings that included initiatives specific to their respective agencies. The state CIO and the IT Commission chair discussed the procedures used by the office of the CIO and the IT Commission in approving, certifying, funding and monitoring agency initiatives.

A major IT initiative, the Statewide Human Resources, Accounting and Management Reporting Project (SHARE) is set for implementation in July 2006. Various presentations had been provided by the Department of Finance and Administration over the past few years to the ITOC regarding the SHARE project. Another large IT project, email consolidation for the executive branch, was completed in May 2005.

The ITOC met in Socorro at the New Mexico Institute of Mining and Technology campus where an extensive presentation was made on the Institute for Complex Additive Systems Analysis (ICASA) and its significance to federal government security. Testimony included a presentation on information security in the United States and the inherent vulnerabilities and limitations of any IT system. The governor's Office of Homeland Security discussed information security in New Mexico.

As done in previous years, the ITOC held a joint meeting with the Los Alamos National Laboratory (LANL) Oversight Committee. Presentations included discussion of the future of LANL in light of the contract under bid, the LANL enterprise project, student programs at the laboratory, IT security and the LANL foundation.

Various organizations, schools and state agencies made presentations on IT in education. The presentations involved distance learning, distance education, high-speed networks and the status of IT initiatives at the Public Education Department and the Higher Education Department. The committee noted the importance of using IT to ensure that rural areas in the state have access to the materials and resources commonly available in urban areas.

Other presentations to ITOC included:

- geographic information system technology and its potential application to the state;
- Amber Alert advisories through mobile phones and coordination through the Department of Public Safety (DPS);
- the Telehealth Commission's efforts to support health care delivery and diagnosis, particularly in rural and underserved areas;
- E-Mercado efforts through the Albuquerque Hispano Chamber of Commerce and Sandia National Laboratories to develop and support web-based businesses;
- state library IT services;
- DPS IT budget issues specific to hardware deficiencies and needs;
- Wire New Mexico, a statewide telecommunications project; and
- the Legislative User Group presentation of the Legislative Information System strategic plan and budget.

2005 APPROVED
WORK PLAN AND MEETING SCHEDULE
for the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE (ITOC)

Membership

Rep. Debbie A. Rodella, Chair
Sen. John Arthur Smith, Vice Chair
Rep. Janice E. Arnold-Jones
Sen. Vernon D. Asbill
Sen. Linda M. Lopez

Sen. Richard C. Martinez
Sen. William H. Payne
Rep. Thomas C. Taylor
Rep. Luciano "Lucky" Varela
Rep. Richard D. Vigil

Advisory Members

Sen. Rod Adair
Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros

Rep. Justine Fox-Young
Sen. Phil A. Griego
Rep. Ted Hobbs
Sen. Gerald Ortiz y Pino
Rep. Jeannette O. Wallace

Work Plan

The enactment of the Information Technology (IT) Management Act, and with it the creation of ITOC and the IT Commission, brought to the forefront the vast array of IT systems throughout state government, their potential and limitations, and their costs. IT costs are no longer buried in agency budgets but are now reviewed with greater scrutiny by the Legislative Finance Committee (LFC), the IT Commission and ITOC.

There are numerous IT initiatives under way in the executive, judicial and legislative branches. The committee will continue to closely examine these initiatives, their status and their costs. The committee will work closely with the Office of the Chief Information Officer (OCIO), the IT Commission and state agencies and will take testimony from various sources.

Specifically, the committee's proposed work plan includes a review of the status or feasibility of the following items:

1. **Security** — review of enterprise security, business continuity (i.e., disaster recovery), identity management, cybersecurity, privacy and homeland security in light of the extensive use of IT for communication, access and information and other interfaces with and among state agencies, the federal government and the public;
2. **Statewide projects** — review of the status and costs of SHARE (common software

- solution for the state's accounting, human resources and purchasing systems), MAGNet (single statewide, centralized telecommunications network and backbone for state government), MAGPortal (statewide electronic government portal to provide information and services to residents and state employees), email consolidation, other enterprise-wide projects and other individual agency IT initiatives, including web sites, user interface and demonstration projects;
3. **IT asset management** — review of efforts by the OCIO and IT Commission to develop a statewide inventory of hardware and software for management, cost, security and licensing protections;
 4. **Rural area IT infrastructure** — assessment of rural area needs and efforts by the state to ensure access to IT resources in rural areas;
 5. **Status reports** — monthly reports from the CIO, the IT Commission chair and the LFC IT performance auditor on the status of IT initiatives, with a particular focus on which ones are making progress and which ones are problematic, and corrective action to resolve the latter;
 6. **IT in education** — review of IT initiatives at both public schools and post-secondary educational institutions and their respective infrastructures, including updates from the Public Education Department and the Higher Education Department;
 7. **Legislative IT initiatives** — review of the Legislative Information Systems strategic plan, including status reports on legislative projects such as the wireless access in the capitol; and
 8. **IT legislation** — review of past legislation and consideration of legislation for next session.

APPROVED MEETING SCHEDULE

<u>Date</u>	<u>Location</u>
May 31	Santa Fe
June 30	Santa Fe
July 27	Socorro
August 24	Los Alamos ¹
September 23	Albuquerque
October 24-25	Santa Fe
Week of December 5	Santa Fe ²

¹Joint meeting with the Los Alamos National Laboratory Oversight Committee

²Meet with LFC on day when IT budgets and projects are discussed

**TENTATIVE AGENDA
FOR THE
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**May 31, 2005
Room 309, State Capitol**

Tuesday, May 31

10:00 a.m.

Call to Order

- Representative Debbie A. Rodella, Chair
- Senator John Arthur Smith, Vice Chair

10:40 a.m.

Work Plan and Meeting Schedule Development

- Ralph Vincent, Committee Staff, Legislative Council Service (LCS)
- Raúl Burciaga, Committee Staff, LCS

12:00 noon

Adjournment

**MINUTES
of the
FIRST MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**May 31, 2005
Room 309, State Capitol**

The first meeting of the Information Technology (IT) Oversight Committee for the 2005 interim was called to order by Representative Debbie A. Rodella, chair, on May 31, 2005 at 10:05 a.m. in Room 309 of the State Capitol.

Present

Rep. Debbie A. Rodella, chair
Rep. Janice E. Arnold-Jones
Sen. Vernon D. Asbill
Sen. Linda M. Lopez
Sen. Richard C. Martinez
Rep. Luciano "Lucky" Varela
Rep. Richard D. Vigil

Absent

Sen. John Arthur Smith, vice chair
Sen. William H. Payne
Rep. Thomas C. Taylor

Advisory Members

Sen. Rod Adair
Rep. Ted Hobbs
Rep. Jeannette O. Wallace

Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Justine Fox-Young
Sen. Phil A. Griego
Sen. Gerald Ortiz y Pino

Staff

Raul E. Burciaga
Ralph Vincent
Amy Chavez
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Work Plan and Meeting Schedule Development

Raul Burciaga presented a proposed work plan for the 2005 interim. Each of the five proposed meetings includes an update from the state chief information officer (CIO) and the chair of the IT Commission, as well as a project status update based on the Office of the CIO (OCIO) web site. Topics to be addressed during the interim include:

- security, including identity management, cybersecurity, privacy and homeland security;
- statewide projects, including SHARE, MAGNet, MAGPortal and email consolidation;
- individual agency IT initiatives, including web sites, user interface and demonstration projects;
- asset management;
- rural area infrastructure;
- the legislative information system; and
- potential legislation.

The committee agreed to the following tentative meeting schedule:

Thursday, June 30

Wednesday, July 27

Thursday, August 25 — joint meeting with the Los Alamos National Laboratory Oversight Committee, to be held in Los Alamos

Friday, September 23

Monday-Tuesday, October 24-25

A date to be determined during the week of December 5 — joint meeting with the Legislative Finance Committee (LFC)

In general discussion, committee members expressed concern that there is currently no CIO in the Office of Homeland Security, no completed homeland security plan and no baseline inventory of assets, and that there is widespread lack of compliance in state agencies.

Vicki Gottlieb, OCIO, stated that she will provide Mr. Burciaga with an update on the OCIO's homeland security and general security efforts prior to the committee's June meeting. David Goodrich, IT performance auditor for LFC, presented the committee with a quarterly IT project report showing various projects that are not on schedule, including those that are flagged for further review.

The following presentations for subsequent meetings were added to those included in the proposed work plan:

- status reports from each agency, including information on who is in charge of IT and IT consolidation within each agency;
- an update from the OCIO on all IT projects, not just those flagged for review;

- a status report from LFC on the core security project;
- revisions and improvements to laws concerning identity theft;
- a report from the Public Education Department on IT initiatives and on information exchange with the Higher Education Department, to be included in the joint meeting with LFC in December;
- a status report on wireless access within the capitol;
- an analysis included in the monthly CIO report on any failure to progress; and
- a status report on software licensing.

Mr. Burciaga will present the committee's proposed work plan, meeting schedule and budget to the New Mexico Legislative Council on June 29, 2005.

On motion duly made, seconded and adopted without objection, the committee adjourned at 11:25 a.m.

Revised: June 24, 2005

**TENTATIVE AGENDA
for the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**June 30, 2005
Room 309, State Capitol**

Thursday, June 30

- 10:00 a.m. **Call to Order**
- 10:05 a.m. **Approval of Minutes**
- 10:10 a.m. **Work Plan and Meeting Schedule — Legislative Council Approval
and Direction**
— Raúl Burciaga, Committee Staff, Legislative Council Service
- 10:15 a.m. **Statewide Human Resource, Accounting, Reporting and Management
System (SHARE)**
— Anthony I. Armijo, Director, DFA
- 11:30 a.m. **Status of IT (Information Technology) Initiatives**
— David Goodrich, LFC IT Performance Auditor
- 12:00 noon **Lunch**
- 1:30 p.m. **Office of the Chief Information Officer (CIO) — Status Report**
— Roy Soto, State CIO-Designee
- 2:15 p.m. **IT Commission — Status Report**
— Carroll Cagle, Chair, IT Commission
- 3:00 p.m. **Email Consolidation**
—Karen Baltzley, Email Consolidation Project Manager, General
Services
Department
—Roy Soto, State CIO-Designee
- 4:15 p.m. **Other Committee Business**
- 4:30 p.m. **Adjourn**

MINUTES
of the
SECOND MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE

June 30, 2005
Room 309, State Capitol

The second meeting of the Information Technology (IT) Oversight Committee for the 2005 interim was called to order by Representative Debbie A. Rodella, chair, on June 30, 2005 at 10:10 a.m. in Room 309 of the State Capitol.

Present

Rep. Debbie A. Rodella, chair
Sen. John Arthur Smith, vice chair
Rep. Janice E. Arnold-Jones
Sen. Vernon D. Asbill
Sen. Linda M. Lopez
Sen. Richard C. Martinez
Rep. Thomas C. Taylor
Rep. Luciano "Lucky" Varela

Absent

Sen. William H. Payne
Rep. Richard D. Vigil

Advisory Members

Sen. Rod Adair
Rep. Justine Fox-Young
Rep. Ted Hobbs
Rep. Jeannette O. Wallace

Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Sen. Phil A. Griego
Sen. Gerald Ortiz y Pino

Staff

Raul E. Burciaga
Amy Chavez
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Approval of Minutes

On motion duly made, seconded and adopted without objection, the minutes to the May 31, 2005 meeting were approved.

Work Plan and Meeting Schedule Development

Raul Burciaga reported on the Legislative Council's approval of the proposed work plan and meeting schedule, and noted that the joint meeting with the Los Alamos National Laboratory Oversight Committee originally scheduled for August 25 was moved to August 24.

Statewide Human Resource, Accounting, Reporting and Management System (SHARE)

Anthony Armijo, director of the Financial Control Division of the Department of Finance and Administration (DFA), and Roy Soto, state chief information officer designee, gave a status report on the SHARE project, an IT initiative to standardize accounting and reporting across state agencies. SHARE is now in the testing phase; user training, fit analyses, process analyses, final configuration and final engineering phases will all be completed in the coming year. Mr. Armijo stated that he believes the project will meet its July 2006 implementation deadline and that it will greatly improve work flow by improving the quality and utility of reports that state agencies can produce. Funding for SHARE totals approximately \$28 million and comes from general fund and severance tax bond appropriations; grant funding from the Labor Department and the Department of Health (DOH); a fee charged to state agencies by the General Services Department (GSD) for benefits administration; and reimbursements from the Human Services Department and the Taxation and Revenue Department.

On general questioning from the committee, the presenters stated that:

- the Department of Transportation is statutorily exempt from using SHARE, but DFA is trying to bring that department in;
- MAXIMUS has the contract for integration services within the project;
- legacy systems, other than certain industry-specific systems, will disappear following a brief overlap period once SHARE is implemented;
- SHARE processes are based on best practices and can be modified if necessary; the system is also based on Generally Accepted Accounting Principles, or GAAP;
- databases that cannot be migrated to SHARE will be maintained;
- state agency personnel will begin using the system during the test phase; and
- SHARE has a built-in security component that meets state security standards.

Status of IT Initiatives

David Goodrich and Aurora Sanchez, IT performance auditors for the Legislative Finance Committee (LFC), presented a status report on IT initiatives showing budgets and expenditures for each project and whether a project is on schedule, whether it has undergone independent validation and verification (IV&V), what phase it is in, the latest milestone achieved and whether it is flagged for further review. Concerns cited in the report include that some projects are not on schedule; some projects are potentially over budget; not all projects required IV&V in their contracts; some milestones have not been reached; and not all agencies are reporting to the Office of the Chief Information Officer (OCIO). The presenters recommended that the committee include LFC audit presentations at all meetings; the OCIO present its quarterly report to the committee as it is completed; and committee meetings include presentations from LFC staff on

quarterly data validations.

On general questioning from the committee, the presenters stated that:

- \$400,000 of a \$700,000 appropriation for homeland security was spent by GSD to purchase MessageLabs, an email filtering software that is no longer being used due to the email consolidation initiative; the change in the expenditure appeared on the OCIO version of its monthly report but not on the legislature's version; and
- agencies must self-report to the OCIO monthly; if a report is not filed, the OCIO calls or visits the agency but has no authority to force compliance except to take the matter before the IT Commission (ITC) and have the project funding stopped.

In general discussion, committee members expressed concern that the legislature should be notified when an appropriation is not spent according to the original intent and that representatives from agencies with IT projects should be present at the committee's meetings to respond to questions. The chair directed committee staff to draft a letter to GSD requesting that it participate in future meetings, to schedule status reports from DOH for the October meeting and to schedule a presentation on homeland security for the July meeting.

OCIO Status Report

Mr. Soto introduced several state agency CIOs, including Bob Mayer from DOH, Kelly Messner from the Children, Youth and Families Department, Bob Piro from the Public Education Department (PED), Marlon Mackey from the Labor Department and Veronica Chavez-Neuman from the Department of Public Safety. He also reported that Dr. Stephen Easley is moving to the CIO position at the Office of Workforce Training and Development and that the Higher Education Department has not yet filled its CIO position pending appointment of a department secretary. The OCIO will be moving its office to Albuquerque in the next month so that the Higher Education Department can move into the OCIO's Santa Fe location. As a result of the move, the OCIO will lose at least three staff members. In general discussion, committee members expressed concern that it is critical to keep the OCIO in Santa Fe and that, with four CIOs in six years, it is difficult for the committee to maintain a communication link with the OCIO. Mr. Soto stated that OCIO is putting processes into place that will ensure continuity even if a CIO leaves.

Mr. Soto gave a presentation on reporting and certification required by the OCIO for IT projects, showing samples of the monthly self-reporting done by agencies and the information required in order to certify and release funds for a project. The OCIO now requires agencies to report all sources of project funding, not just funds received from the legislature.

On general questioning from the committee, Mr. Soto stated that:

- the Educational Retirement Board and the Gaming Control Board (GCB) projects will appear on the next quarterly report; the GCB has not been reporting to OCIO despite language in House Bill 2 that requires the board to report in order to

- receive its appropriation;
- the OCIO needs a policy for decertifying projects that are not progressing;
- all appropriations for IT projects have one-year reversion dates;
- LFC has access to the OCIO database when it performs random audits;
- the OCIO is developing a social services eligibility architecture that would be used by all agencies and eliminate duplication;
- the OCIO has a crude asset management system with information on large system components but not small; a full asset management system costs \$400,000 to \$600,000, but the legislature appropriated only \$50,000;
- the OCIO will issue guidelines to agencies on IV&V contract requirements; and
- the OCIO participated in committee meetings during the session to keep abreast of IT projects in agencies that had not gone through the OCIO.

The chair requested that Mr. Soto provide status reports to committee members ahead of future meetings and produce a list of all agency CIOs.

IT Commission — Status Report

Carroll Cagle, chair of the ITC, reported on ITC developments and stated that the commission fully supports OCIO efforts to require IV&V, get reporting on all funding sources and develop a decertification process. The ITC has reduced the number of its committees to two: one to focus on architecture and the other on project certification. The commission hosted an IT forum on cybersecurity at the New Mexico Institute of Mining and Technology that included presentations on the growing problem of identity theft. The commission will host additional forums as it continues to focus on IT consolidation, information security and project management. Mr. Cagle also emphasized a need for closer review of IT projects to ascertain whether they should be done at all.

Email Consolidation

Karen Baltzley, email consolidation project manager for GSD, and Mr. Soto reported that the email consolidation was completed in May with only minor issues arising. Nearly 21,000 email accounts were converted from the old system to the new, and Ms. Baltzley's office received fewer than 1,000 trouble calls in the week following the conversion, mostly related to passwords. All email filtering is done in-house using Sybari software, and spam email that does get through can be reported at reportspamemail@state.nm.us. The system provides a global address list for state employees, and it will use driver's license numbers, rather than social security numbers, as unique identifiers until SHARE is in place and assigns permanent unique identifiers to employees. Three agencies did not convert: the GCB, for reasons that are not major problems; the Vocational Rehabilitation Division of PED, for reasons having to do with social security funding it receives; and the Miners' Hospital, because it is a quasi-governmental entity. The OCIO will work with these agencies to help them overcome their obstacles. The cost for the new system is \$.84 per user per month compared to \$1.78 under the old system; a savings capture report will be available to the committee at a future meeting.

The committee discussed the possibility of extending its July meeting in Socorro to a second day, pending approval by the Legislative Council.

The meeting was adjourned at 3:50 p.m.

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TENTATIVE AGENDA
for the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE

July 27, 2005
Macey Center, New Mexico Tech
Socorro

Wednesday, July 27

- 9:30 a.m. **Call to Order**
- 9:35 a.m. **Welcome**
—Dr. Daniel H. López, President, NM Tech
- 9:40 a.m. **Approval of Minutes**
- 9:45 a.m. **Overview of Information Assurance Research at NM Tech**
—Andrew Sung, Ph.D., Professor and Chair, Computer Science
Department, NM Tech
- 10:30 a.m. **Paradigm Shifts in Information Assurance — Information Assurance
Research at NM Tech**
—Srinivas Mukkamala, Ph.D., Institute for Complex Additive Systems
Analysis (ICASA), NM Tech
- 12:00 noon **Lunch**
- 1:15 p.m. **Secure Engineering of Systems**
—Pradeep K. Khosla, Ph.D., Dean, College of Engineering, Carnegie
Mellon University
- 2:15 p.m. **Casa Methodology**
—Kevin Wedeward, Ph.D., Department of Electrical Engineering,
NM Tech
- 2:45 p.m. **Physical Security — Energetic Materials Research and Testing
Center**
—TBA
- 3:15 p.m. **Office of Homeland Security**
—Tim Manning, Acting Director, Office of Homeland Security (invited)

**MINUTES
of the
THIRD MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

July 27, 2005

Macey Center, New Mexico Institute of Mining and Technology, Socorro

The third meeting of the Information Technology (IT) Oversight Committee for the 2005 interim was called to order by Senator John Arthur Smith, vice chair, on July 27, 2005 at 9:40 a.m. in Socorro at the Macey Center of the New Mexico Institute of Mining and Technology (New Mexico Tech).

Present

Sen. John Arthur Smith, Vice Chair
Rep. Janice E. Arnold-Jones
Sen. Vernon D. Asbill
Sen. Linda M. Lopez
Sen. Richard C. Martinez
Rep. Thomas C. Taylor
Rep. Luciano "Lucky" Varela

Absent

Rep. Debbie A. Rodella, Chair
Sen. William H. Payne
Rep. Richard D. Vigil

Advisory Members

Sen. Rod Adair
Rep. Justine Fox-Young
Sen. Phil A. Griego
Rep. Jeannette O. Wallace

Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Ted Hobbs
Sen. Gerald Ortiz y Pino

Staff

Raul E. Burciaga
Ralph Vincent
Amy Chavez

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Approval of Minutes

On motion duly made, seconded and adopted without objection, the committee approved the minutes from its last meeting held on June 30 in Santa Fe.

Introductory Remarks

Dr. Daniel H. Lopez, president, New Mexico Tech, welcomed members of the committee to Socorro and to the New Mexico Tech campus. He discussed New Mexico Tech's involvement in research for the Institute for Complex Additive Systems Analysis (ICASA) and explained the project's significance to federal government security. He also discussed projects benefiting state government, including assistance to the Commission on Higher Education in tracking student identification numbers.

Information Assurance Research at New Mexico Tech

Dr. Andrew Sung, professor and chair of the Computer Science Department at New Mexico Tech, discussed various information assurance research initiatives undertaken at the institute. As part of the Center for Academic Excellence/Information Assurance Education (CAE/IAE) Program, faculty and students have conducted projects on information assurance development. Dr. Sung explained New Mexico Tech's role in offering information assurance training, workshops and tutorials to students and government clients.

Steganography was noted as among the leading areas of information assurance research and training at New Mexico Tech. Steganography is the study of the use of combined media that form codified messages for communication. Dr. Sung noted that terrorist organizations and other threats to national security might use steganography as a communication tool. New Mexico Tech faculty and students are in the process of conducting steganalyses to learn how to detect and decode steganographic messages. The steganalyses involve the use of feature selection to distinguish inconsistencies in digital data to identify the presence of steganographic messages. Dr. Sung explained that the studies will aid in the future detection of possible information security risks such as unauthorized probing, surveillance and access to information by unauthorized parties.

Patrick Chavez and Sandeep Mandada, New Mexico Tech doctoral students, provided summaries of their information assurance graduate research projects. Mr. Chavez is conducting research on paradigm shifts in information assurance and Mr. Mandada is studying the possibility of the use of consolidated passwords for protection of classified information.

L.M. Liebrock, administrator of the Scholarship for Service Program under the CAE/IAE Program, discussed the variety of information assurance-related projects developed by New Mexico Tech students participating in the scholarship program. The program's scholarship recipients are required to complete research projects in the field of information assurance. Program participant projects include research on subjects such as virtual local access network virus containment, wireless sensor network security, spyware detection, grid security infrastructure, digital forensics and usable security policy.

System Engineering Security

Dr. Pradeep K. Kholsa, dean of the College of Engineering at Carnegie Mellon University, provided the committee with an overview of the threats and risks that exist with respect to information security in the United States. Dr. Kholsa explained that increased

numbers of internet users and providers have exposed information systems to more significant threats than existed in the 1980s. As technological improvements in microprocessor chips, storage densities and bandwidths have arisen, virus propagation rates have increased. In 2001, for instance, 80,000 network intrusion attacks were reported. Such incidents have risen exponentially and the nature and location of such attacks remains unpredictable. Unpredictability exists because attacks on systems do not require complex knowledge on the part of hackers and other system attack culprits. Adding to the problem is that today's information technology environment is characterized by open, highly distributed systems; unknown perimeters, components and participants; and a lack of central, administrative control. Dr. Kholsa predicted that future attacks might occur quickly enough so that human response to attacks will be impossible.

Vulnerabilities in information technology systems could have significant adverse effects upon the national economy. During the 1990s, two-thirds of productivity in the United States was attributed to the use of information technology. Attacks on information systems could negatively impact banking systems and could contribute to business losses and failures in market mechanisms. Government information systems, critical infrastructure power grids, water systems and air traffic might also be disrupted.

Dr. Kholsa warned that international terrorists are not the only threats to information system security in the United States. Many of the biggest threats to information system security come from within the country. Organized criminals, disgruntled employees, hackers, business competitors and other governments account for more than 50 percent of information system attacks. When information security is breached, consequences include disclosure of customer records, operation sabotage, trade secret theft and electronic fund transaction fraud. Ultimately, business and governments might suffer a loss in citizen and client confidence. Legal liability might also result.

Dr. Kholsa described the work of CyLab, the nation's largest program focused on cybersecurity and on the dependability and privacy of information systems. The mission of CyLab is to conduct research and development and provide education to increase information system security. CyLab is currently working on a project to develop self-securing devices that protect computers and network environments. Other CyLab projects are focused on the development of virus propagation models, human-centered security interfaces and secure information storage systems that permit disbursement of information throughout cyberspace networks. CyLab has also led to initiatives that inform network users of possible risks to information security.

According to Dr. Kholsa, the information system security market is predicted to expand significantly during the next few years. In 2004, that market generated \$20 billion to \$25 billion in the United States and is expected to increase to \$50 billion by 2008.

ICASA Methodology

Steven Ball, senior researcher with the department of Electrical Engineering at New

Mexico Tech, provided the committee with an overview of the work of ICASA. The institute is based within the Energetic Materials Research and Testing Center (EMRTC) of New Mexico Tech. Mr. Ball explained that ICASA conducts research to understand the behavior of critical infrastructure systems and vulnerabilities that are of interest to national security. The institute conducts operational vulnerability and informational vulnerability assessments to expose methods in which information systems might be exploited. The institute also uses computer models to expose abnormalities in information security systems.

Energetic Materials Research and Testing Center

Representatives of the EMRTC for New Mexico Tech provided a summary of the center's efforts in exploring methods of national physical security. New Mexico Tech owns 40 miles of test area, on which the center tests explosives as part of the federal Department of Homeland Security's research and development efforts. The center has also developed a countermine test site, used for research in the detection of antitank and antipersonnel mines. Such research has been used to aid United States troops in Iraq. The EMRTC also hosts training programs on incident response to terrorist bombings, antiterrorism assistance and explosives safety. Many of these training programs are held in Playas, New Mexico, which was purchased by New Mexico Tech. Real-time terrorist attack and security incident scenarios take place in Playas as part of training initiatives to educate various entities to respond to such attacks and incidents in small-town settings.

Office of Homeland Security

Tim Manning, acting director, Office of Homeland Security, discussed the efforts of the office to ensure information security in the state. The office has established a terrorism risk assessment program, composed of representatives from various agencies, to analyze risks on state-owned facilities. Analyses are conducted on the basis of a prioritized list developed by the program.

Mr. Manning further updated the committee on his efforts to work with the federal Department of Homeland Security and with various utilities to protect infrastructure networks. He mentioned that some responsibilities will be transferred to the Office of the Chief Information Officer. Committee members asked Mr. Manning to provide accountings of appropriations received by the Office of Homeland Security from the New Mexico Legislature and the federal government.

Status of Information Technology (IT) Initiatives

Aurora Sanchez, IT performance auditor, provided the committee with a status report of the findings of the Legislative Finance Committee (LFC) with respect to IT audits of the Office of Workforce Training and Development (OWTD) and the Labor Department (LD). The LFC conducted an audit on the virtual one-stop system (VOSS) developed by the OWTD. Ms. Sanchez explained that the system is a common intake system designed to be used by various agencies that provide work and training services to New Mexicans. The LFC found as a result of its audit that the OWTD and LD lack a good working relationship. Ms. Sanchez further predicted that moving the VOSS application to the General Services Department from the vendor

site before establishing a good working relationship might adversely affect both agencies.

The LFC also conducted an audit of the unemployment insurance claims system of the LD. The system is used to assist the LD in establishing unemployment claims; providing benefit payments to eligible claimants; filing claims appeals; and measuring quality and performance. As a result of the audit, the LFC discovered that good progress in project management reporting occurred and that necessary technical positions were being filled. However, the LFC also found that a contract with the unemployment insurance claims system had not been signed. The LFC recommends that project costs should be reconciled on a monthly basis and that training should be held for IT staff when existing technical position vacancies are full.

Ms. Sanchez additionally provided the committee with an update of the LFC's quarterly report on state agency IT projects. Data for two projects, E-911 and PERA-RIO, have been validated. Exit conferences with the agencies responsible for the projects will be scheduled. In general, report data indicates that agencies are prone to either overstate or understate project costs and incorrectly report project appropriations. Ms. Sanchez suggested that quality control reporting has also lacked important information indicating the acceptability of software and deliverables. The report further indicates that project schedules are not adequately maintained by project managers.

IT Commission Update

Carroll Cagle, chair of the IT Commission, discussed the priorities of the IT Commission, including consolidation, cybersecurity and project management. He indicated that the committee is focused on an increased volume of projects. He also discussed changes in the composition of the commission, including the introduction of Estevan Gonzales and David Horking, two new commission members.

Office of Chief Information Officer (CIO) Update

Ray Soto, state CIO, expressed approval of the quarterly report of state agency IT projects generated by the LFC. He stated that agencies have been cooperative in the reporting process and that all agencies reported in June. He further indicated that random audits of the agencies by the LFC in addition to the possible need to report to the IT Commission have provided agencies with incentives to cooperate with the CIO and the LFC.

Mr. Soto also discussed the recent hiring of a general counsel to review IT contracts on behalf of the CIO. The CIO will publish a contract guidance manual to assist agencies in using the necessary technical and legal information to negotiate IT contracts.

The committee adjourned at 4:35 p.m.

**TENTATIVE AGENDA
for the
JOINT MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE
and the
LOS ALAMOS NATIONAL LABORATORY OVERSIGHT COMMITTEE**

**August 24, 2005
Fuller Lodge
Los Alamos**

Wednesday, August 24

- 10:00 a.m. **Call to Order**
- 10:05 a.m. **Welcome**
—Michael Wheeler, Los Alamos County Council Vice Chair
- 10:15 a.m. **Welcome**
—Richard Marquez, Associate Director for Administration,
Los Alamos National Laboratory (LANL)
- 10:30 a.m. **Approval of Minutes**
- 10:35 a.m. **Enterprise Project**
—George Hansrote, Project Leader, LANL
- 11:30 a.m. **Working Lunch — LANL Student Programs**
—Barbara Tenorio-Grimes, Education Outreach
Coordinator, LANL
—Student Presenters
- 1:00 p.m. **LANL Computer Security**
—Alex Kent, Technical Staff Member
- 2:00 p.m. **LANL Foundation Update**
—Susan Herrera, Director, LANL Foundation
- 3:00 p.m. **Information Technology (IT) Commission Update**
—Carroll Cagle, Chair, IT Commission
- 3:30 p.m. **Office of the Chief Information Officer Update**
—Roy Soto, State CIO-Designee
- 4:00 p.m. **Other Committee Business — Public Input**
- 4:15 p.m. **Adjourn**

MINUTES

**of the
JOINT MEETING
of the
LOS ALAMOS NATIONAL LABORATORY OVERSIGHT COMMITTEE
and the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**August 24, 2005
Fuller Lodge
Los Alamos**

The joint meeting of the Los Alamos National Laboratory (LANL) Oversight Committee and the Information Technology (IT) Oversight Committee was called to order by Senator Phil A. Griego, co-chair of the LANL Oversight Committee, on August 24, 2005 at 10:15 a.m. at the Fuller Lodge in Los Alamos.

LANL Oversight Committee

Present

Rep. Roberto "Bobby" J. Gonzales, co-chair
Sen. Phil A. Griego, co-chair
Rep. Thomas A. Anderson
Sen. Richard C. Martinez
Sen. William H. Payne
Rep. Debbie A. Rodella
Rep. Nick L. Salazar
Sen. William E. Sharer

Sen. John T.L. Grubestic
Rep. Jane E. Powdrell-Culbert

Absent

Advisory Members

Sen. Mary Jane M. Garcia
Rep. Ben Lujan
Rep. Jeannette O. Wallace

Sen. Ben D. Altamirano
Sen. Stuart Ingle

IT Oversight Committee

Present

Rep. Debbie A. Rodella, chair
Rep. Janice E. Arnold-Jones
Sen. Richard C. Martinez
Sen. William H. Payne
Rep. Thomas C. Taylor
Rep. Luciano "Lucky" Varela

Absent

Sen. John Arthur Smith, vice chair
Sen. Vernon D. Asbill
Sen. Linda M. Lopez
Rep. Richard D. Vigil

Advisory Members

Sen. Phil A. Griego
Rep. Jeannette O. Wallace

Sen. Rod Adair
Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Justine Fox-Young
Rep. Ted Hobbs
Sen. Gerald Ortiz y Pino

Staff

Raul E. Burciaga
Cleo Griffith
Tim Crawford
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Wednesday, August 24**Welcome**

Michael Wheeler, vice chair of the Los Alamos County Council, and Richard Marquez, LANL associate director for administration, welcomed the committees to Los Alamos and thanked the legislature for its work in support of LANL and communities in the area. Mr. Marquez reported that bids for the LANL contract are now being reviewed; the winner will be announced by December 1, and there will be a six-month transition period between current operations and new operations before the new contract goes into effect on June 1, 2006.

Because he has stepped in after a year of turmoil, LANL Director Robert Kuckuck's focus has been to bring an atmosphere of calm to the lab. The 9/80 work schedule that had been suspended in the past year will be restored by mid-September, cost-of-living increases will go into effect on October 1 and discussions are under way on providing child care at the lab. Mr. Kuckuck has formed a business advisory council and a subcontractor consortium as means of addressing needs identified by surrounding communities. The lab will collaborate with New Mexico State University (NMSU) to offer a master's of business administration (MBA) degree through NMSU's distance learning program and will continue its support for the executive MBA program available through the University of New Mexico (UNM). It is also working with Northern New Mexico College to create a property manager certification program.

On questioning from committee members, Mr. Marquez stated that:

- LANL is working with the University of California (UC) on "what if" planning regarding benefits under the new contract;
- the new contractor can reconfigure salary schedules for fairness and equity;

- the request for proposal requires that the new employer of record be a limited liability corporation and that community outreach programs be continued at their current level for the life of the contract;
- the MBA program through NMSU is available to all lab employees;
- Mr. Marquez is the only Hispanic at LANL in a position at or above the division level;
- the National Nuclear Security Administration (NNSA) is conducting type B investigations to discover the root causes of the safety incidents at the lab during the past year; and
- LANL has a consent order with UNM that dictates remedial and environmental milestones in cleaning up hazardous waste following the Cerro Grande fire.

In general discussion, committee members voiced concern that retirement benefits should continue intact under the new contract; LANL must work with New Mexico colleges to design training programs in engineering and science so local residents can qualify for upper-level LANL jobs; and LANL's slow response to news stories regarding the recent beating of a lab employee in Santa Fe left the impression that the incident was somehow tied to the lab.

Enterprise Project

George Hansrote, director of the LANL enterprise project, gave a status report on the project as it nears full implementation. After an independent review in 2003 found that there was little probability of success in executing the project as it was initially conceived and staffed, major changes were made in project management and structure in 2004, and it is now on track for full implementation by October. The total project cost is \$160 million. On questioning from the committees, Mr. Hansrote stated that independent verification and validation (IV&V) for the project is being done internally; as each module is released, the legacy system it replaces is completely shut down unless it interfaces with the new system; and there is a separate help desk and support team specific to the enterprise project.

LANL Student Programs

Barbara Tenorio-Grimes, LANL education and employment outreach specialist, gave an overview of the lab's American Indian education outreach program, which focuses on science education outreach in public schools and recruitment for the lab's student intern program. The lab's current Native American student interns represent 12 tribes from around the country, and half of the interns are from the neighboring pueblos of Santa Clara and San Ildefonso. Four interns — Melanie Zamora, Shannon Duran-Dinwiddie, Jeremy Yepa and Aria Sanders — reported on their work in the program and how it applies to their prior experience and future plans. On questioning from the committees, the interns stated that LANL helps them with their education by allowing flexible work schedules and by attempting to place interns in work related to their studies. They also cited gifted and talented programs, math and science clubs, having scientists participate in classrooms at all grade levels and exposing students to minority and female role models as effective ways to encourage children to pursue science and engineering. Ms. Tenorio-Grimes reported that funding for the program is an ongoing problem.

LANL Computer Security

Alex Kent, LANL technical staff member, gave a presentation on computer security

threats to LANL and on the lab's response system. Besides handling data from nearly 25,000 computers working within LANL, the network also handles millions of contacts daily via the internet. Malicious external network traffic such as worm, virus and spyware attacks can sometimes total 20 million sessions in a single day. The LANL network prevents the compromise of sensitive information in these attacks through a system of compartmentalized information and functions, one-time passwords, user education on security risks, automated vulnerability scans, intruder-specific alarms, intrusion and prevention systems and a 24-hour computer security incident response team. On questioning from committee members, Mr. Kent stated that while the security system is tight, the weak link is the user, and user education is critical. In the case of an attack, getting information out to users is hampered because the system itself cannot be used without giving information to the attacker. He also noted that the network security group has been involved with the enterprise project since the early design phase.

In general discussion, committee members debated taking an offensive, rather than defensive, approach to cybersecurity and noted that New Mexico law is weak in the area of cybercrime.

LANL Foundation Update

Susan Herrera, director of the LANL Foundation, gave a presentation on the foundation's work to invest resources in education and community development throughout northern New Mexico. The foundation operates on a blend of private and government funding, including an annual \$3 million appropriation from LANL. It gives \$1 million annually to school and community programs in the region and has awarded 325 scholarships to date to area students through its LANL Employees Scholarship Fund, which is funded solely from donations made by lab employees. Ms. Herrera urged the LANL Oversight Committee to do what it can to ensure that the foundation's funding be continued under the new LANL contract.

On motion duly made, seconded and adopted without objection, the LANL Oversight Committee voted to send a letter to the NNSA Source Evaluation Board in support of continuing the current level of funding for the LANL Foundation under the new contract.

IT Commission Update and Office of the Chief Information Officer (OCIO) Update

Carroll Cagle, chair of the IT Commission, gave an update on the commission's work to improve its management structure and review IT projects. The commission recently approved a rule governing IT project oversight and is in the process of approving a rule on project certification; it is also now requiring IV&V on all projects. At the last IT Commission meeting, projects totaling \$7 million were approved. Roy Soto, state CIO, stated that the OCIO is changing its approach to reporting to the IT Commission away from a focus on the technical aspects of projects and toward a focus on the business and management aspects of projects.

On questioning from committee members, the presenters, who were joined by Karen Baltzley, CIO for the General Services Department (GSD), and David Goodrich, IT performance auditor for the Legislative Finance Committee, stated that:

- the CIO for the Higher Education Department will be named this week and will work to link higher education and public education IT systems;
- the governor's consolidation initiative is focused on consolidation of data centers, help desks and servers; the GSD budget request for fiscal year 2007 will include

- consolidation costs; and the GSD rate review will be completed by September 30;
- the state does not have an inventory of assets; there is an inventory system online that agencies use, and the OCIO recently issued a request for agencies to provide inventory information regarding help desks, laptops and servers. Establishing a baseline inventory is an important issue for the governor; and
- the Secretary of State's Office is conducting a mock election to test its voter registration and election management system.

In general discussion, committee members expressed concern that not all IT projects are going through the OCIO review and certification process and that it is difficult to track those projects funded with non-state money.

Other Committee Business — LANL Oversight Committee

On motion duly made, seconded and adopted without objection, the minutes to the July 20, 2005 LANL Oversight Committee meeting were approved as written.

The LANL Oversight Committee discussed and debated the merits of writing a letter in support of UC in the contract bid process, with concerns raised as to whether one sovereign government should attempt to influence the decisions of another and whether such a letter might put the committee at a disadvantage in its oversight role if the other bidder wins the contract. On motion duly made, seconded and adopted by a majority of committee members, committee staff was directed to send the letter based on a draft presented to the committee, with language changes suggested by committee members.

The meeting was adjourned at 4:35 p.m.

Revised: September 14, 2005

**TENTATIVE AGENDA
for the
FIFTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**September 23, 2005
2444 Louisiana Blvd NE
Albuquerque**

Friday, September 23

- 9:30 a.m. **Call to Order & Welcome**
- 9:35 a.m. **Approval of Minutes**
- 9:40 a.m. **Instructional Television Network — Status of Distance Learning in Rural
New Mexico**
—Jeff Harris, Principal, Harris and Associates
—Sandy Gladden, Executive Director, Region IX Education Cooperative
- 10:40 a.m. **Distance Education**
—Juanita Mendoza-Hannan, Ph.D., Assistant Director of Distance
Education, New Mexico State University (NMSU)
—Teresa Rowilson, Ph.D., Assistant Professor/Program Coordinator,
Distance Education, NMSU
- 11:10 a.m. **UNM High-Speed Network Update**
—Gary Bauerschmidt, Associate Director, Computer & Information
Resources & Technology, University of New Mexico (UNM)
—Barney Maccabe, Director, Center for High Performance Computing,
UNM
—Maira Gerety, Director, Computer and Information Resources and
Technology, UNM
—Terry Yates, Vice President for Research and Economic Development,
UNM
—John McIver, Associate Vice President for Research and Economic
Development, UNM
- 11:50 a.m. **Lunch**
- 1:00 p.m. **Public Education Department (PED)**
— Robert Piro, Chief Information Officer (CIO), PED

- 1:45 p.m. **Higher Education Department (HED)**
—Veronica Chavez-Neuman, CIO, HED
- 2:30 p.m. **Department of Public Safety (DPS) — Information Technology (IT) Update**
—Stephen Tapke, Acting Deputy CIO, DPS
—Major Randall Bertram, Head of Special Operations, DPS
—Roxanne Knight, Deputy Secretary, DPS
- 3:00 p.m. **Legislative Finance Committee (LFC) IT Update**
—Aurora Sanchez, LFC
- 3:15 p.m. **IT Commission Update**
—Carroll Cagle, Chair, IT Commission
- 3:45 p.m. **Office of the Chief Information Officer Update**
—Roy Soto, State CIO-Designee
- 4:15 p.m. **Other Committee Business — Public Input**
- 4:30 p.m. **Adjourn**

**MINUTES
of the
FIFTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**September 23, 2005
New Mexico State University Satellite Campus
Albuquerque**

The fifth meeting of the Information Technology (IT) Oversight Committee for the 2005 interim was called to order by Representative Debbie A. Rodella, chair, at 9:45 a.m. on September 23, 2005 at the New Mexico State University satellite campus in Albuquerque.

Present

Rep. Debbie A. Rodella, chair
Rep. Janice E. Arnold-Jones
Sen. Vernon D. Asbill
Sen. Richard C. Martinez
Rep. Thomas C. Taylor
Rep. Richard D. Vigil

Absent

Sen. John Arthur Smith, vice chair
Sen. Linda M. Lopez
Sen. William H. Payne
Rep. Luciano "Lucky" Varela

Advisory Members

Sen. Rod Adair
Rep. Ted Hobbs

Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Justine Fox-Young
Sen. Phil A. Griego
Sen. Gerald Ortiz y Pino
Rep. Jeannette O. Wallace

Staff

Amy Chavez
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Instructional Television (ITV) Network — Status of Distance Learning

Jeff Harris, principal of Harris and Associates, gave a presentation on the state's current infrastructure for ITV in rural areas. While there are several regional distance learning consortia that connect rural school districts, there is not yet a unified system that allows districts to share resources and courses. The New Mexico Council for Higher Education Computing/Communication Service (CHECS) has opened its network to include public school districts for this purpose, and Mr. Harris stated that 50 percent of the districts would be connected to CHECS-Net by the end of 2006. He noted that there is currently no coordination among districts and there is a shortage of content. On questioning from the committee, he stated that:

- while web-based courses charge tuition and may be taken by any student, ITV courses are free but are bound by school district jurisdictions;
- the internet is a poor platform for online learning because of congestion, slow transmission speeds and lack of content control;
- the director of the Rural Education Division of the Public Education Department has acknowledged a need for someone to coordinate content on CHECS-Net; and
- school districts that have not joined CHECS-Net may not have the money to make necessary technical upgrades, may not see a need to do so or may not be aware that the network exists.

Distance Education

Teresa Rowilson, Ph.D., distance education program coordinator at New Mexico State University (NMSU), and Juanita Mendoza-Hannan, Ph.D., NMSU assistant director of distance education, gave a presentation on NMSU's on-line degree and certification programs. Enrollment in on-line degree programs nearly doubled in the first year after their inception in 2002, and enrollment is projected for the current school year at approximately 2,500 students. The alternative licensure program in special education has been a notable success; since it was first offered three years ago, the number of special education teachers working in the state who are not fully certified has dropped from more than 500 to approximately 50. Further funding is needed to develop a prerequisite course for students who lack basic computer skills, as well as funding to allow supervisors to travel to participating school districts to meet with students. On questioning from the committee, the presenters stated that:

- some NMSU faculty members are concerned that on-line courses could eliminate the need for a campus, and that they should not be available to local students; and
- safeguards are integrated into the on-line courses to reduce the possibility that work submitted by a student is actually done by a third party.

University of New Mexico (UNM) High-Speed Network Update

William Adkins, UNM chief information officer (CIO), John McIver, UNM associate vice president for research and economic development, Barney Maccabe, director of the UNM Center for High-Performance Computing, and Gary Bauerschmidt, UNM associate director of computer and information resources and technology, gave an update on the UNM high-speed network. The network handles data from a variety of systems, including email, point of sale, energy management, telephone, health, financial, student and human resource systems. It is also linked to other networks within the state such as CHECS-Net and NM GigaPop and to the

national high-speed network Lambda Rail. On questioning from the committee, the presenters, who were joined by Charlie Marquez, lobbyist for Qwest, and Bob Tacker, director of information services at New Mexico Institute of Mining and Technology, stated that:

- one obstacle to a statewide high-speed network is the lack of fiber infrastructure in rural areas of the state; Qwest is currently negotiating with UNM on this matter;
- networks are designed with loops for rerouting data in the event of a disaster;
- the financial and student modules of the Banner system at UNM have been fully implemented with only minor problems reported by users, and the human resources module will be implemented soon;
- NM GigaPop has been extended to Cuba in Sandoval County; and
- CHECS-Net is installing an east-west loop from Farmington to Roswell.

Committee Business

On motion duly made, seconded and adopted without objection, minutes from the July 27 and August 24 meetings were approved as written.

Information Technology Updates — Public Education Department (PED) and Higher Education Department (HED)

Robert Piro, CIO for PED, and Veronica Chavez-Neuman, CIO for HED, gave updates on IT initiatives in their respective departments. PED is currently reviewing six proposals it received for its student teacher accountability reporting system (STARS), and the project has been reviewed by both the Office of the CIO (OCIO) and the IT Commission. Pilot projects are under way for a new PED chart of accounts; a licensure upgrade system is in development; a student identification system has been expanded to include schools run by the Bureau of Indian Affairs; and a request for proposals will soon be released for a transportation management system. As a new department, HED has just begun to identify IT priorities, including facilitating IT coordination and consolidation among higher education institutions, implementing systems for delivering higher education to communities throughout the state, strengthening campus-based IT infrastructure and applying innovative technology within the department. Higher education IT funding requests for fiscal year 2007 total \$14.8 million and are focused on improving infrastructure. On questioning from the committee, the presenters stated that:

- the initial implementation of STARS will not include the parental interaction module, but this feature is being considered for subsequent versions;
- PED received \$6.6 million for STARS but needs \$40 million to complete the project;
- the PED student identification system does not use social security numbers;
- a unified "K-20" education IT system will eliminate duplication between public schools and higher education and allow for longitudinal student tracking; and
- technical support is lacking in some small school districts because their systems and architecture are different from those in other districts.

Department of Public Safety (DPS) — IT Update

Stephen Tapke, DPS acting CIO, Roxanne Knight, DPS deputy secretary, and Major Randall Bertram, DPS head of special operations, gave a presentation on four IT projects at DPS, including network stabilization, state police district rewiring, computer-aided dispatch (CAD)

and automated fingerprint identification. Network stabilization was completed in August, and the other three projects have received OCIO certification. On questioning from the committee, the presenters, who were joined by John Martinez, communications director for the General Services Department (GSD), stated that:

- DPS and the Homeland Security Department are working to facilitate communications across agencies that use different systems, and GSD is upgrading its communications dispatch center;
- there are zones within the state where police cannot maintain radio contact; these zones need to be prioritized before new towers are installed;
- the new dispatch system gives two recommendations for incident response: which car is responsible for the area and which car is closest to the incident;
- San Juan County has its own dispatch system separate from the statewide system based in Santa Fe, and the two systems do not communicate with each other; and
- DPS has received funding for CAD systems in all vehicles, though none have been purchased or installed this year; all vehicles will be equipped by January.

Legislative Finance Committee (LFC) — IT Update

Aurora Sanchez, IT performance auditor, gave an update on IT audits in progress at LFC. She is working with the OCIO to improve IT reporting regarding risks and the use of base IT budgets and has completed project validations on the retirement system in the Public Employees Retirement Association and the E-911 system in the Department of Finance and Administration. All agency IT funding requests — 46 requests totaling approximately \$68 million — are currently under review, and a comprehensive DPS audit will be complete in October, with findings to be presented to the LFC in November. In response to a question posed at a prior committee meeting, Ms. Sanchez reported that open IT positions at the Retiree Health Care Authority have not yet been filled, including that of the IT director. On questioning from the committee, Ms. Sanchez, who was joined by Roy Soto, state CIO, stated that:

- counties are primarily spending their E-911 funding on equipment and do not have a plan for interoperability; the E-911 project has not yet gone through the OCIO and IT Commission certification process; and
- the secretary of state's office conducted a mock election to test its voter registration and electronic management system, and it was successful despite slowdowns in some counties.

IT Commission and OCIO Updates

Carroll Cagle, chair of the IT Commission, and Mr. Soto presented a summary of actions taken to certify the e-Learning, EVitals, EDSS and WIC projects at the Department of Health (DOH); the ITS project at the Department of Transportation; and the tri-agency collaborative employment tax data platform project at the Taxation and Revenue Department. The commission is certifying projects with an emphasis on data sharing and is working to make agencies aware of collaboration opportunities. On questioning from the committee, the presenters, who were joined by Bob Mayer, CIO for DOH, stated that:

- the EDSS system is for disease surveillance and watches only those diseases named by the Centers for Disease Control and Prevention;
- the Homeland Security Department is participating in a national effort to supply surplus IT equipment to agencies and schools affected by Hurricane Katrina;
- no representatives from the e-mercado project have met with the OCIO, nor was this project certified by the IT Commission; and
- the IT Commission needs to be making recommendations prior to funding rather than certifying projects after the fact.

The meeting was adjourned at 3:50 p.m.

Revised: October 24, 2005

**TENTATIVE AGENDA
for the
SIXTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**October 24, 2005
Room 309, State Capitol**

Monday, October 24

- 10:00 a.m. **Call to Order**
- 10:05 a.m. **Approval of Minutes**
- 10:15 a.m. **Technology in a Geospatial Future**
—Benito Martinez, President, New Mexico Association of Counties
—Gar Clarke, Office of the State Engineer
—Dennis Sandin, Bohannon Houston
- 11:30 a.m. **Amber Alert — Cell Phone Advisory**
—Jimmy Glascock, Department of Public Safety (DPS)
—DPS Staff
- 12:00 noon **Telehealth Commission**
—Mark Duran, Chair
- 12:30 p.m. **Lunch**
- 1:45 p.m. **e-Mercado**
—Adam Roberts, Albuquerque Hispano Chamber of Commerce (AHCC)
—Alex O. Romero, President, AHCC
- 2:45 p.m. **New Mexico State Library Information Technology (IT) Services**
—Richard Akeroyd, State Librarian
- 3:15 p.m. **Legislative Finance Committee (LFC) IT Update**
—David Goodrich, IT Performance Auditor, LFC
- 3:30 p.m. **IT Commission Update**
—Carroll Cagle, Chair, IT Commission

3:45 p.m. **Office of the Chief Information Officer Update**
—Roy Soto, State CIO-designee

4:15 p.m. **Other Committee Business — Public Input**

4:30 p.m. **Adjourn**

**MINUTES
of the
SIXTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**October 24, 2005
Room 309, State Capitol**

The sixth meeting of the Information Technology Oversight Committee (ITOC) for the 2005 interim was called to order by Representative Debbie A. Rodella, chair, at 10:15 a.m. on October 24, 2005 in Room 309 at the State Capitol.

Present

Rep. Debbie A. Rodella, Chair
Rep. Janice E. Arnold-Jones
Sen. Linda M. Lopez
Sen. Richard C. Martinez
Rep. Thomas C. Taylor
Rep. Luciano "Lucky" Varela

Absent

Sen. John Arthur Smith, Vice Chair
Sen. Vernon D. Asbill
Sen. William H. Payne
Rep. Richard D. Vigil

Advisory Members

Rep. Ted Hobbs

Sen. Rod Adair
Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Justine Fox-Young
Sen. Phil A. Griego
Sen. Gerald Ortiz y Pino
Rep. Jeannette O. Wallace

Staff

Amy Chavez
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and all written testimony are in the meeting file.

Technology in a Geospatial Future

Benito Martinez, president, New Mexico Association of Counties, and Gar Clark, Office of the State Engineer, discussed the progress of the Geospatial Advisory Committee (GAC) in developing geographic information system (GIS) technology in New Mexico. The committee is responsible to the Office of the Chief Information Officer (OCIO) and is focused on guiding the use and development of GIS technology in the state. The committee meets monthly and includes representatives from federal, state and local governments.

The GAC has developed a strategic plan to advocate and coordinate a statewide Enterprise GIS (E-GIS) with the technical support of a Resource Geographic Information System (RGIS). GAC additionally intends to promote adequate legislative funding for RGIS and other GAC activities. Mr. Martinez discussed the benefits that GIS technology offers, including improved cost efficiency. Mr. Clark provided a demonstration of GIS technology benefits that are derived by certain fields of study. The demonstration showed how such technology might be used to identify chemical contents in water samples across the state. Mr. Martinez indicated that the GAC hopes to develop a data-sharing model between agencies for the purposes of pooling GIS technology resources and data and reducing duplication of effort.

The GAC is currently exploring options to centralize responsibility for GIS technology development. One option is to develop a geospatial resource center to coordinate local, state and federal GIS technology data and resources. The center could coordinate mapping projects, provide mapping services, manage access to data, provide training and support and educate state agencies on the latest GIS developments.

Questions and comments from the committee members included:

- progress on a statewide portal that is funded by legislative appropriation;
- the need for a state GIS database; and
- the possibility of establishing a statewide portal under the OCIO rather than establishing a separate geospatial resource center.

Amber Alert — Cell Phone Advisory

Jimmy Glascock, Department of Public Safety (DPS), discussed the distribution of information regarding the reporting of abduction of children under the Amber Alert system. Several criteria must be met for an Amber Alert to be issued. First, there must be evidence of a non-family-member abduction of a child. The child must be 17 years of age or less, and specific information concerning the child or abductor should be available. Finally, there should be reason to believe that the child is in imminent danger of serious bodily harm or death.

Amber Alerts are distributed through an emergency alert system, through New Mexico lottery terminals and through a statewide bulletin to law enforcement officers. Amber Alerts are also available through wireless paging or text messaging. In response to ITOC members' questions regarding wireless Amber Alerts during the last ITOC meeting, Mr. Glascock briefed the committee on the progress of the use of paging and text message alerts in the state.

The DPS web site provides a link to permit cell phone owners to receive Amber Alerts via their cell phones. Cell phone companies are cooperating to provide one distribution center

for Amber Alert messages. Only Amber Alerts that affect a wireless user's region are distributed to that user. Despite progress in providing wireless alerts, Mr. Glascock indicated that having multiple infrastructures for providing the messages poses a challenge to efficient information distribution. Page message Amber Alerts also need additional development. Mr. Glascock demonstrated how a wireless communication system user might subscribe to receive Amber Alert messages.

Questions and comments from the committee members included:

- the frequency of Amber Alerts issued in the state;
- the number of registrations for Amber Alerts through the DPS web site; and
- software packages used to disseminate Amber Alerts.

Telehealth Commission

Mark Duran, chair, and Craig Wingate, member, Telehealth Commission, discussed the goals of the commission. The commission was created pursuant to the passage in 2005 of Senate Bill 473. The commission was created to encourage a single, coordinated statewide effort to create a telehealth system that provides and supports health care delivery and diagnosis; addresses the provider distribution problems in medically underserved areas of the state; strengthens the health infrastructure; attracts and retains health care providers in rural areas; and helps reduce costs associated with health care. Mr. Duran indicated that the commission will use ongoing projects to determine the best practices and policies as benchmarks for organizations involved in providing telehealth services. The commission will focus in particular on the provision of telehealth services in underserved areas. Early intervention and disease prevention will be priorities in those areas. Border health issues will also be a priority of the commission. The commission is working with the Human Services Department and Department of Health to determine how the commission's services would be put to best use and to avoid overlapping efforts. The commission will develop legislative proposals for the upcoming session.

Questions and comments from the committee members addressed:

- opportunities to develop telehealth devices that monitor chronic diseases; and
- the composition of the Telehealth Commission.

E-Mercado

Alex O. Romero, president, and Adam Roberts, Albuquerque Hispano Chamber of Commerce (AHCC), discussed the collaboration between the AHCC and Sandia National Laboratories to develop the E-Mercado New Mexico program to provide a web-based business development program that retains, attracts and motivates increased business opportunities for New Mexico businesses. The program provides an online business directory, buyer and supplier connections, e-commerce training and procurement assistance. Mr. Romero indicated that E-Mercado possesses the largest database of New Mexico companies. However, he indicated that the program is still in a transitional state and that the program needs ongoing operational support. Operational support has been provided by the AHCC, Sandia National Laboratories and the United States Department of Commerce. The program is seeking additional financial support from state agencies. Mr. Roberts provided the committee with a demonstration of how economic impact reports can be accessed through the E-Mercado database.

Questions and comments from the committee members addressed:

- the manner in which economic impact report data is calculated;
- the source of funding for E-Mercado;
- the projected time period in which E-Mercado will become financially self-sufficient;
- whether E-Mercado actively participates with the OCIO;
- whether state agencies can procure goods and services electronically; and
- whether any legislative appropriation is sought for E-Mercado.

New Mexico State Librarian Information Technology (IT) Services

Richard Akeroyd, state librarian, summarized the variety of services offered to residents by the New Mexico State Library. Services offered include bookmobiles, books by mail, libraries for the blind and physically handicapped, tribal libraries and summer reading programs for schoolchildren. Staff of the State Librarian's Office discussed the features and benefits of programs such as the state library's magazines online program, which provides periodicals online to libraries throughout the state. The staff also explained how the state library provides permanent online access to state government publications and to reports on federal and state issues that concern New Mexico. The staff discussed how public libraries, teachers, students, policymakers and other citizens benefit from the online services of the state library. Committee members commended the Office of the State Librarian for its work.

Legislative Finance Committee (LFC) Update

David Goodrich, information technology performance auditor, LFC, indicated that the LFC has received 46 requests for special appropriations involving IT. The Public Education Department and the Department of Environment are among requesters for IT appropriations. Mr. Goodrich also briefed the committee on the Secretary of State's efforts to improve voting machine compatibility. The LFC stated that the compatibility improvement process should be complete in 2006.

Mr. Goodrich also discussed issues pertaining to the Statewide Human Resource, Accounting, Reporting and Management System (SHARE). Mr. Goodrich indicated that state agency participation in SHARE project meetings needs improvement. He also indicated that SHARE is in its budget preparation process. Mr. Goodrich also discussed funding requests from the Local Government Division of the Department of Finance and Administration for the E-911 program.

Questions and comments from the committee members included:

- whether geographic information systems might improve the ability of the E-911 program to locate residents without local addresses;
- the status of the integrity of the secretary of state's databases; and
- which agencies have or have not been participating in the SHARE program.

Information Technology Commission Update

Carroll Cagle, chair, Information Technology Commission, summarized the major priorities of the commission. First, the commission hopes to encourage multi-agency IT endeavors to increase efficiency and to avoid duplication of effort with respect to information technology projects. The commission will also encourage the implementation of additional

security measures with respect to statewide information systems and to promote a culture in which security is a top IT priority. Efforts to support improved project management are also among the commission's priorities. The commission views such management as vital in avoiding unnecessary and costly mistakes. Mr. Cagle expressed the commission's desire to develop a long-term strategy for statewide IT use and to review requests of the OCIO. He indicated that the commission hopes that its involvement in review of the OCIO's requests will increase.

OCIO Update

Ray Soto, chief information officer, provided the committee with an update of projects certified by the Information Technology Commission. In particular, Mr. Soto discussed the certification of a project involving wireless enhanced E-911 deployment. The commission's certification of the project includes approval of funding for consulting costs, software and hardware. The project involves the provision of answering and dispatch equipment and 911 telecommunication trunks to carry wireless enhanced 911 calls from wireless service carriers to specific public service answering points. The geographic areas benefiting from the enhanced funding will include McKinley, Cibola, Lea, Sierra, DeBaca and Chaves counties.

Mr. Soto further updated the committee on the OCIO's efforts to audit the IT system of the state retiree health care information system. The OCIO will present the results of its audit to the governing board of the New Mexico Retiree Health Care Authority.

The committee adjourned at 4:15 p.m.

**TENTATIVE AGENDA
FOR THE
SEVENTH MEETING
OF THE
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**November 16, 2005
Room 309, State Capitol**

Note: Information Technology Oversight Committee (ITOC) members were authorized by the New Mexico Legislative Council to attend the Legislative Finance Committee (LFC) meeting relating to the Department of Public Safety (DPS) from 9:00 a.m. to approximately 12:00 noon in Room 307.

ITOC will convene in the afternoon at 1:30 p.m. in Room 309 to hear a presentation by the Legislative Information System (LIS) User Group on its budget and strategic plan.

Room 307

9:00 a.m. **Attend LFC Meeting — DPS Presentation**

12:00 noon **Lunch**

Room 309

1:30 p.m. **LIS — Budget — Strategic Plan Update**
— Lenore Naranjo, Chair, LIS User Group
— Paula Tackett, Director, Legislative Council Service
— Ralph Vincent, LIS Contractor

2:30 p.m. **Other Committee Business**

3:00 p.m. **Adjourn**

**MINUTES
of the
SEVENTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**November 16, 2005
Room 309, State Capitol**

Following a presentation on Department of Public Safety issues at the Legislative Finance Committee (LFC) meeting on November 16, 2005 in Room 307 of the State Capitol, the seventh meeting of the Information Technology (IT) Oversight Committee for the 2005 interim was called to order by Representative Debbie A. Rodella, chair, at 2:15 p.m. in Room 309.

Present

Rep. Debbie A. Rodella, chair (at LFC)
Rep. Janice E. Arnold-Jones (at LFC)
Sen. Vernon D. Asbill (at LFC)
Sen. Richard C. Martinez
Sen. William H. Payne (at LFC)
Rep. Thomas C. Taylor (at LFC)

Absent

Sen. John Arthur Smith, vice chair (at LFC)
Sen. Linda M. Lopez (at LFC)
Rep. Luciano "Lucky" Varela (at LFC)
Rep. Richard D. Vigil

Advisory Members

Sen. Rod Adair
Sen. Mark Boitano
Sen. Pete Campos (at LFC)
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Justine Fox-Young
Sen. Phil A. Griego (at LFC)
Rep. Ted Hobbs
Sen. Gerald Ortiz y Pino
Rep. Jeannette O. Wallace (at LFC)

Staff

Raul Burciaga
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Legislative Information System (LIS) Strategic Plan Update and Budget

Lenore Naranjo, chair of the LIS User Group, Ralph Vincent, LIS contractor, and Paula Tackett, director of the Legislative Council Service, gave a presentation on updates to the LIS three-year strategic plan. The plan covers all IT systems in the house and senate and the three legislative agencies, and while it addresses a three-year period, it is updated annually to reflect progress made on specific projects and annual budget requests for the system. The proposed budget for fiscal year 2007 is \$497,800 — a 10 percent increase over the fiscal year 2006 budget, which was itself approximately three percent lower than the fiscal year 2005 budget.

In general discussion, members requested that future IT projects include:

- a network printer in each majority and minority office for use by legislators during the 2006 session;
- online editing and ongoing enrolling and engrossing, with a pilot project in one committee in each chamber by the 2007 session;
- the ability to have several computer screens open simultaneously;
- a default setting that pulls up the bill currently under debate, including all amendments, with an option to override and view other screens; and
- blackberries with voice and internet capabilities for legislators.

On questioning from the committee, the presenters stated that:

- nearly all laptops available for legislators have been checked out, and a few tablet PCs will be issued for use during the session in lieu of laptops;
- inaccuracy is sometimes a problem when amendments are composed on the floor rather than sent through the Legislative Council Service system;
- cost-benefit concerns need to be weighed when deciding how much IT the legislature installs, since it is not in session year-round;
- some other states are beginning to admit to problems caused by increased reliance on IT in the legislative process;
- the equipment replacement schedule is being extended beyond four years in certain cases because some of the older equipment is still doing well; and
- while the LIS has security scanning software for disks and email, there is no way to scan USB devices; the biggest security risk for the LIS comes when a legislator attaches a personal laptop to the system; and the proposed budget includes purchase of a security control system that quarantines a PC every time it is connected to the network.

Other Committee Business

On motion duly made, seconded and adopted without objection, the minutes to the September 23 and October 24 meetings were approved as written.

The meeting was adjourned at 3:30 p.m.

**TENTATIVE AGENDA
for the
EIGHTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**December 21, 2005
Room 309, State Capitol**

Wednesday, December 21

- 1:30 p.m. **Call to Order**
- 1:35 p.m. **Approval of Minutes**
- 1:40 p.m. **Department of Public Safety (DPS) — IT Plan — IT Budget — Other
IT Initiatives**
—Mike Mier, Chief Information Officer, DPS
- 3:00 p.m. **Wire New Mexico — DMW Project — MAGNET Project**
—Edward J. Lopez, Secretary, General Services Department (GSD)
—John Martinez, Director, Communications Division, GSD
—Roy Soto, Chief Information Officer
- 3:45 p.m. **IT Commission — Year-End Summary**
—Carroll Cagle, Chairman, IT Commission
- 4:00 p.m. **Office of the Chief Information Officer — Year-End Summary**
—TBD
- 4:15 p.m. **Committee Business**
- 4:30 p.m. **Adjourn**

**MINUTES
of the
EIGHTH MEETING
of the
INFORMATION TECHNOLOGY OVERSIGHT COMMITTEE**

**December 21, 2005
Room 321, State Capitol**

The eighth meeting of the Information Technology (IT) Oversight Committee for the 2005 interim was called to order by Representative Debbie A. Rodella, chair, on December 21, 2005 at 1:35 p.m. in Room 321 of the State Capitol.

Present

Rep. Debbie A. Rodella, chair
Rep. Janice E. Arnold-Jones
Sen. Richard C. Martinez
Sen. William H. Payne
Rep. Thomas C. Taylor
Rep. Luciano "Lucky" Varela
Rep. Richard D. Vigil

Absent

Sen. John Arthur Smith, vice chair
Sen. Vernon D. Asbill
Sen. Linda M. Lopez

Advisory Members

Sen. Rod Adair
Sen. Phil A. Griego

Sen. Mark Boitano
Sen. Pete Campos
Rep. Richard P. Cheney
Sen. Carlos R. Cisneros
Rep. Justine Fox-Young
Rep. Ted Hobbs
Sen. Gerald Ortiz y Pino
Rep. Jeannette O. Wallace

Staff

Amy Chavez
Kathleen Dexter

Guests

The guest list is in the meeting file.

Copies of all handouts and written testimony are in the meeting file.

Thursday, December 21

Department of Public Safety (DPS) IT Budget

Roxanne Knight, DPS deputy secretary, Mike Mier, DPS chief information officer (CIO), and Stephen Tapke, DPS deputy CIO, gave a presentation on the department's IT budget requests for fiscal year 2007. The department currently has a 21 percent IT staffing vacancy and would need approximately \$600,000 to fill all open positions. It is also faced with federal mandates for data circuit upgrades, recurring costs in software licensing, satellite telecommunications fees for the computer-aided dispatch (CAD) system and hardware replacement costs for the data center, laptop program and general office systems, all totaling nearly \$3.5 million.

On questioning from committee members, the presenters, who were joined by Major Randall Bertram of the New Mexico State Police, stated that:

- DPS's top capital priority is fleet replacement and its second-highest priority is a comprehensive infrastructure upgrade for hazard mitigation at the data center facility, which has exposed water lines and electrical panels, has unreliable cooling and fire suppression systems and needs proper electrical grounding;
- 911 calls are handled differently in each county; in some counties, such as Mora County, all 911 calls are transferred to DPS, while in others, such as Bernalillo County, DPS has no involvement in the 911 system at all; when a call is transferred to DPS, the department does not always have access to the mapping system used by counties for locating incidents; and
- DPS has completed the application process for federal funding for the CAD project and will be issuing purchase orders soon.

Aurora Sanchez, Legislative Finance Committee (LFC) IT performance auditor, reported that DPS can appear before the House Appropriations and Finance Committee during the upcoming session to reprioritize its IT budget projects and move the New Mexico Law Enforcement Telecommunications System project ahead of others. She also reported that LFC will support the department in this effort.

In general discussion, committee members expressed concern that DPS needs access to the mapping databases used by county 911 systems and that protecting the data center should be the department's top capital priority. The committee approved a motion to draft a letter of endorsement for DPS's hazard mitigation funding request and then send it to the LFC for its consideration.

Wire New Mexico — DMW Project — MAGNET Project

Edward J. Lopez, secretary of general services, John Martinez, Communications Division director, General Services Department (GSD), and Roy Soto, state CIO, gave a presentation on Wire New Mexico, a statewide telecommunications project created by executive order in 2003 under the purview of the Communications Division. In the past two years, expenditures within both the Communications Division and the Information Systems Division have decreased nearly \$12 million, and the presenters attribute this to increased efficiency within the state's telecommunications network and to changing from a vendor-driven system to a self-provider

system. At this point, GSD is able to provide telecommunications services to state agencies and local public bodies at lower rates than those offered under the older MAGNET System, which has, in effect, become the Wire New Mexico System. Qwest Telecommunications has already laid fiber along the railways from El Paso to Raton, and the state will lease the fiber for Wire New Mexico, with a spur added to Santa Fe. The total cost for Wire New Mexico is projected at \$30 million.

As public input, lobbyists Sam Ray, Leo Baca and Bill Garcia, representing Qwest, Valor Telecommunications and independent telephone companies and cooperatives around the state, expressed concern that Wire New Mexico uses taxpayer money to place the state in direct competition with businesses that it regulates and that the state has benefited from the infrastructure investments made by small businesses and is now ending its association with those businesses. Committee members expressed interest in participating in a meeting with representatives from the GSD, the Office of the Chief Information Officer (CIO), the Information Technology Commission (ITC) and independent telephone companies and cooperatives to discuss the impacts and opportunities expected to result from the Wire New Mexico project.

ITC Year-End Summary

Carroll Cagle, chair, ITC, provided the committee with a summary of the activities conducted by the ITC during 2005. He explained that the primary mission of the ITC is to adopt and promulgate rules specifying the state information architecture and to update the state strategic IT plan. The ITC has outlined five strategies to effectively accomplish its mission. The first strategy is to focus on consolidation and integration of the state's IT systems. The second is to adopt prudent standards for those systems. The ITC further plans to promote the expansion and improvement of the state's telecommunications infrastructure. Additionally, the ITC plans to work with the OCIO to make security of information systems a top priority among state agencies. Finally, the ITC plans to promote the improvement of e-government, which provides efficient methods for the public to interact with state government agencies.

OCIO Year-End Summary

Roy Soto, state CIO, provided the committee with a summary of the accomplishments of the OCIO during 2005. Mr. Soto listed the leveling of the management structure of the OCIO as a major accomplishment. The vertical management structure at the OCIO has been restructured to place more responsibility in a greater number of managers. In addition, a general counsel has been hired to aid the OCIO with legal issues.

The OCIO has also placed increased emphasis on project oversight. The OCIO has implemented a rule to clarify OCIO, ITC and other state agency responsibilities with respect to project oversight. The rule further provides the OCIO with the power to oversee various projects. The OCIO also cooperated with the LFC to develop a quarterly project report to reduce duplication of effort and formats. To track projects that have not been certified by the ITC, the OCIO additionally adopted a rule requiring the OCIO to identify uncertified projects. As a result of the implementation of that rule, the number of certified projects has increased to 29 projects in 2005.

During the past year, the ITC has performed IT assessments of state agencies, including

the New Mexico Retiree Health Care Authority, the Office of the State Treasurer and the Aging and Long-Term Services Department. The OCIO also established strategies to improve the request for proposal process for state agencies.

The OCIO additionally worked to improve IT security. The OCIO published an IT security framework and plan and appointed a chief IT security officer. In addition, the OCIO increased security surveillance through the GSD on the state network for misuse of state IT resources. The CIO further chaired the governor's Identity Theft Task Force and provided security recommendations to the governor.

Mr. Soto stated that the OCIO will strive to increase business staff involvement in the development of IT plans, implement a project management system for improved reporting and agency use and increase project certifications.

Committee Business

The committee unanimously approved the minutes of ITOC's last meeting held on November 16, 2005 at the State Capitol. Representative Arnold-Jones proposed that the committee support legislation to complete data sets of geospatial data for the upcoming legislative session. The committee adjourned at approximately 5:00 p.m.