October 2009 Status Update

Office of Automated Systems

Modernization Review

- In September 2008 I proposed a multi-year, comprehensive and strategic approach toward refreshing the TSP infrastructure, focused on:
    - More efficient use of IT computing resources;
    - Improving redundancy across the enterprise; and
    - Providing sufficient levels of computing and storage capacity needed to meet unplanned, catastrophic events, and perform full end-to-end testing, improving software delivery and minimizing systems and application failures.
- Capital investments required included:

	Planned	Actual
• Storage Subsystem	$ 5.40 million	$ 7.25 million
• Server Consolidation	$ 1.50 million	$ 1.24 million
• Network Modernization	$ 1.99 million	$ 2.14 million
• Mainframe replacements	$ 6.30 million	$ 7.24 million
Total Investment	$15.19 million	$17.87 million

- As of September 30, 2009 all planned capital investments have been completed.

Data Center Operations – Current Status & Activities

- Primary circuits for new network are in service;
- Redundant/backup network circuits are being phased into service;
- Remote site network failover equipment in place and being configured;
- Migration to virtual server technology underway;
- Planning underway for implementation of full size test database;
- Planning underway for email consolidation;
- Continuing to work on closing audit findings;
- Planning Call Center IVR upgrade implementation;
- Planning underway for implementation of enterprise wide network and application management software;
- Planning underway for implementation of numerous security enhancements to safeguard participant accounts and personally identifiable information (PII);
- Planning underway for implementation of Enterprise Storage Backup and Restore process.

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Software Applications - Current Status & Activities

- OmniPlus 5.7.5 upgrade completed(10/12/09);
- Implement legislation changes;
- Implement OmniPay;
- Complete documentation of system and establish update procedures;
- Complete source code audit programs to maintain currency control and accuracy of software inventory in support of business continuity;
- Continue conversion of redesigned forms to new OCR technology;
- Implement upgrade of PowerImage to new technology;
- Support electronic messaging implementation;
- Develop L2050 fund;
- Develop an enterprise-wide test area and implement test tools to enhance TSP Recordkeeping system performance, functional accuracy and operational readiness;
- Initiate coding standards and software assurance (secure coding) for TSP system applications;
- Upgrade the TSP accounting application to support Treasury changes;
- Upgrade configuration management tools and procedures;
- Work on closing audit findings; and
- Support all phases of TSP web site implementation.