

Data Management Work Group

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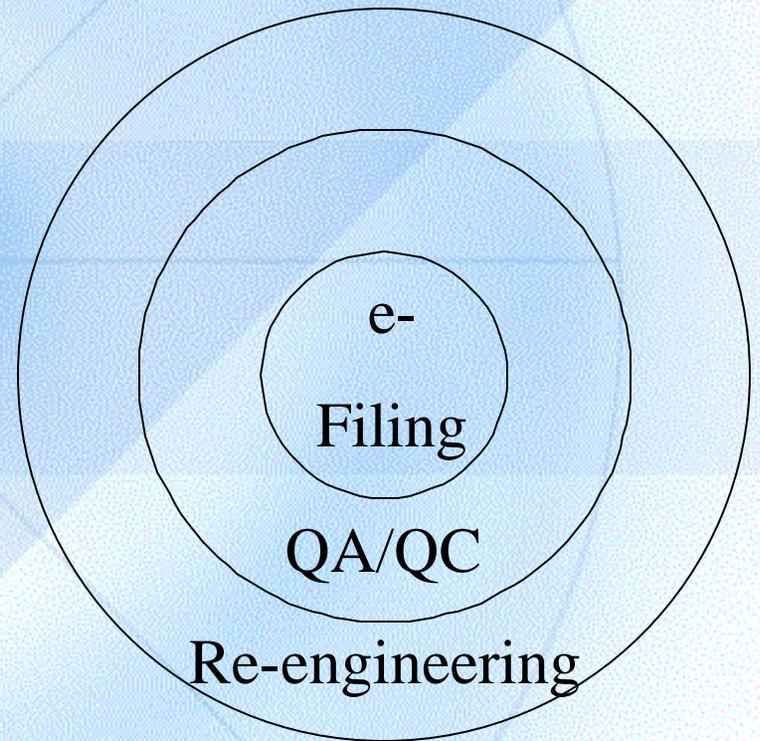
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e-Business Topics

- e-Business
- Goals and Plans
 - Agency, Offshore, Region
- Hurdles
- e-Pilots and related Projects
- POSC Pilot
- Next Steps

e-Filing or e-Business?

- e-Filing
 - Initial benefits derived from more timely data exchange
 - Eliminate MMS data capture
- QA/QC
 - Data quality can be improve
- Re-engineering
 - The entire process is reviewed
 - Easier compliance
 - More responsiveness
 - Information can be shared



What is e-Business?

- Using Web technology
- Easily communicate with partners, vendors and customers
- Transact business in a secure manner
- Streamline processes, improve productivity and increase efficiencies.
- Connect to back-end data systems

Current OMM e-Business

- Limited data exchange on Internet
- e-Mail and Fax communications
- Electronic data exchange using e-Mail, Diskettes, CD's, tapes

Why Do More?

- Mandates for e-Government
 - National Performance Review
 - Government Paperwork Elimination Act
 - Presidential Directive
 - Leading Presidential Candidates, Citizens, Public
- More Efficiency
 - Increasing Demand for MMS Services
 - Expectations for Improved Services
 - Budget and Personnel Constraints

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National Performance Review

Recommendation:

REENGINEER THROUGH THE USE OF INFORMATION TECHNOLOGY.

- “Develop a Government Information infrastructure to use government information resources effectively and support electronic government applications.”
- September 7, 1995

Paperwork Elimination Act

Excerpted from OMB Federal Register Vol. 64 No. 43 Friday March 5, 1999.

Action: Proposed Implementation of the Government Paperwork Elimination Act (GPEA).

- “The Government Paperwork Elimination Act, Title XVII of Pub. L. 105-277, provides for Federal agencies, by October 21, 2003, to give persons who are required to maintain, submit, or disclose information the option of doing so electronically when practicable as a substitute for paper, and to use electronic authentication (electronic signature) methods to verify the identity of the sender and the integrity of the electronic content.”
- October 21, 1999

Presidential Directive

Excerpted from President's memorandum December 17, 1999.

- “The heads of executive departments and agencies (agencies) shall, to the maximum extent possible, make available online, by December 2000, the forms needed for the top 500 Government services used by the public. Under the Government Paperwork Elimination Act, where appropriate, by October 2003, transactions with the Federal Government should be available online for online processing of services. To achieve this goal, the Director of the Office of Management and Budget shall oversee agency development of responsible strategies to make transactions available online.”

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MMS Plans

Excerpted from:

MMS Mission Goals (MMS Strategic Plan FY2000-2005)

- Long-Term Goal CS-1: By 2005, show an increase in customer satisfaction with our data and information services.

Strategies to achieve CS-1:

- Provide Outreach, Public Information and Training
- Involve Stakeholders as Partners
- Pursue Opportunities for Electronic Business

OMM Plans

OMM Major Goals/Objectives)

Improve the efficiency of our regulatory regime -- find more efficient ways to meet our fiscal, environmental and safety goals. ... We need to continue to improve through initiatives such as electronic business, development of international standards, and reducing overlap with other agencies such as the Coast Guard

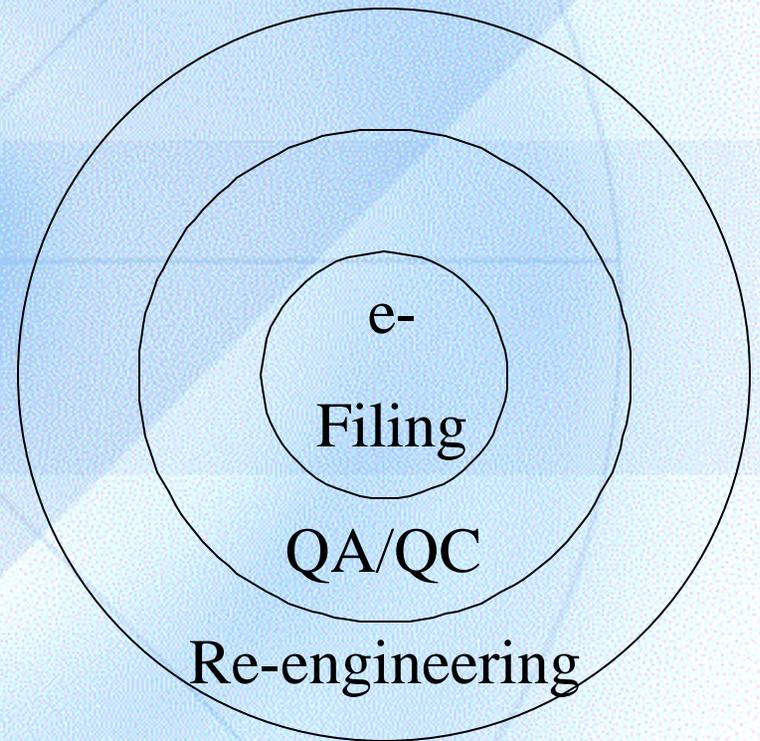
GOMR Plans

: GOM Regional Goals

- “Develop an E-Business strategy with emphasis on the electronic submittal and approval of APD’s and Sundries by the end of 2000, the continuation of electronic submittals of the WAR and ITEM77 (POSC Pilot), and the development of a framework for electronically reviewing safety device test records.”
 1. Develop/refine E-Business Strategy (EBSC)
 2. Begin APD’s and Sundries
 3. Continuation of WAR and ITEM77
 4. Framework for platform safety device test records

e-Filing or e-Business Plans?

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e-Business Planning Structure

- Regional GOMR/Industry (OOC) e-Business Steering Committee - April 1999
- OMM e-Business Steering Committee - May 1999
- Data Management Workgroup - ????

Hurdles for e-Business

- Resources
 - Servers, network, expertise, software applications, large monitors
 - Reengineering costs
- Exchange standards, agreements, protocols, etc.
 - Electronic signatures
 - Security
 - Information Requirements

e-Bus Pilots & Related Projects

- POSC Pilot
- PosteCS Pilot
- Petris Historical Well Log Images
- Petris Historical Well File Images
- QC Data New Well Log Images
- Online CD Ordering System
- Limited WEB Forms
- Limited MMS ASCII WEB Submittal

POSC Pilot

- Web-based Filing Pilot utilizing XML
 - Well Activity Report (WAR) and ITEM77 (log catalogue)
- Leverage Epicentre work, POSC skills and contacts, and concurrent BLM initiative.
- Commenced Oct 1999 and completed by EOY 1999
 - Establishment/acceptance of common data standards and exchange formats for WAR and ITEM77
 - Implement infrastructure and security standards
 - Easily supported return receipts, exception processing/validation, extracting/loading routines
 - Test and deploy for evaluation
 - Post pilot evaluation with MMS and business

POSC Pilot Lessons Learned

- XML is a viable Data Transfer Standard
 - XML not required for all types of data submissions
 - Publish DTD lets customers know what to submit and how
- Response Time
 - Efficient validation from database lookups are possible
 - Interactivity - lessens Q&A burden on the District
- Data Quality
 - Applying internal Business Rules and Validations
 - Improves data integrity - and informs industry
- Administration
 - Entitlements were awkward to administer
- Security
 - SSL didn't install smoothly.

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Moving forward with the Pilot

- What needs to be done to make something happen?
 - allocate dollars
 - dedicate resources
 - define methodologies
 - research development tools
 - refine the infrastructure/security

Next Steps

- GPEA Plan - FY - 2000
 - Reporting Requirements and Scheduled Implementation Dates
- Reallocate Existing Resources - FY 2000
 - GOMR Plan
 - MMS ASCII Files
- Statement of Work - FY 2000
- Requirements Analysis - FY 2001
- Budget Initiative - FY 2002

Questions?

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