



Alliance of the Ports of Canada, the Caribbean, Latin America and the United States

MINUTES OF THE INFORMATION TECHNOLOGY COMMITTEE MEETING

April 19, 2006

Port of Tacoma Administration Building
Tacoma, WA

AAPA's Information Technology (IT) Committee conducted its spring meeting on April 19, 2006 at the Port of Tacoma Administration Building, Tacoma Washington. The committee is chaired by Deborah Givens, Director, Information Technology at the Port of Tacoma. Louis Noriega, Chief, Seaport Information Systems, Port of Miami, is the vice chair.

There were many common issues and projects discussed by committee members in their reports. Security enhancements and the challenges associated with camera systems and access controls topped the list. Disaster recovery planning and the need for the ability to maintain hot/cold sites in the event of a disruption was a topic of high interest. Document imaging, archiving and retrieval systems were raised in light of this recovery planning theme. Two ports reported that they are in the process of looking at "Virtual Container Yard" modeling in order to increase productivity on their terminal footprints. A few members are in the process of updating and integrating their financial systems. IT infrastructure implementation for supporting terminal growth and security projects was also discussed by many of the participants.

Next, Scott Brotemarkle reported on committee business. The availability of a revised electronic Port Information Technology Survey was announced and distributed. Committee members were asked to submit changes by e-mail. The survey will be made available to member port technology professionals via the web by June 1.

Other committee business included leadership succession planning/e-mail balloting, port/vendor tag team on-line education possibilities using "Go To Meeting" technology, and approval of the 2007 seminar location proposed for Jacksonville, Florida. The fall committee meeting will be hosted by the Port of Miami in October 2006.

The committee discussed the latest information available on the Transportation Workers Identification Credential (TWIC). Lisa Humber led the discussion highlighting the work that she had done as a member of the National Maritime Security Advisory Council (NMSAC) Credentialing Working Group. They have worked closely with the TSA and U.S. Coast Guard in an advisory capacity with regards to TWIC. Scott Brotemarkle informed the committee on the interim rules regarding interim vetting which were expected the following week.

During the afternoon portion of the meeting the committee was engaged by a number of members and vendors through presentations of technology projects and processes. These included:

- **Port of Seattle: Case Study on Biometrics** – Brad Jensen, Port of Seattle



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- **I-95 Corridor Coalition Update** – Karen Ryan Tobia, Port of New York & New Jersey
- **Business Exchange Project – Central point of Coordination - Next Generation**– Martyn Adamson, Port of Tacoma
- **Maritime On-Line® presentation** by Lisa Humber, Maritime Exchange of the Delaware River & Bay
- **PierPASS: A behind the scenes look with focus on business processes and data interchange** – Joseph A. Palazzolo, Palazzolo & Associates

These presentations are available on the IT Committee's e-Community web site.

Following the meeting on the next morning, the committee was taken on a bus tour of the Port of Tacoma and made stops at three terminal facilities where question and answer sessions were held with terminal staff.

The TOPAS meeting began at 1 PM that afternoon in the port administration building.



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ROSTER OF ATTENDEES

Debbie Givens, Committee Chair
Port of Tacoma

Louis Noriega, Committee Vice Chair
Port of Miami

Karen Tobia
Port Authority of New York & New Jersey

Gustavo Espinosa
Port of Corpus Christi Authority

Jim Eldridge
Port of Houston Authority

Eddie Fuller
Port of Houston Authority

Diane Manasco
Port of Longview

Doug Albrecht
Port of Long Beach

April Danos
Port Fouchon

Jerrold Larrieu
Port of New Orleans

Joe Wong
Port of Oakland

Lisa Humber
Maritime Exchange for the Delaware River & Bay

Bob Boulman
The Marine Exchange of Puget Sound

Scott Brotemarkle
American Association of Port Authorities

NOTES FROM MEMBER REPORTS



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Karen Tobia – Port Authority of New York & New Jersey

- Virtual Container Yard – bringing in consultants
- AAPA Security Management System Project – public berths (LB, POCCA, Portland)

Jim Eldridge/ Eddie Fuller – Port of Houston Authority

- retiring the mainframe
- moving to Navis Express (live in mid-June)
- cameras and physical security on-going
- new terminal coning on line this fall – IT infrastructure being implemented
- Goal of 35% of all contracts to small business

Louis Noriega – Port of Miami

- Implemented a cashiering system – integrate with business functions and access gates to cargo yard – scales – prepayment system with truckers – debited from account when truck arrives at gates
- Pedestal only – Technology only gates - SAIC – TWIC and biometrics would be here – IT staff will modify software to interface with
- Writing API between credentialing system and access control system
- Waterside Surveillance system – Phase One – Radar – one platform for all alarms

Bob Boulman – Marine Exchange of Puget Sound

- IT project with port and BN railroad

April Danos – Port Fouchon

- Implementing a camera system (video interference from Microwave)
- Aerial view of the port – GIS for data mapping layers such as pipelines as part of this
- Off-site backup mail server - as part of disaster recovery
- Document imaging (Doc Star) take DVD's offsite

Gustavo Espinosa – Port of Corpus Christi Authority

- Vessel Traffic Information System – USCG - \$5.4 Million – Port implements (Tideland was integrator) 2.5 years, now in operation
- POCCA pays to maintain/operate the system and infrastructure
- Access control system for Administration buildings and Ortiz Center
- 79 cameras (planning for 130) are integrated with Vistascape
- Document imaging program underway (HR, Benefits, Medical Records)

Joe Wong – Port of Oakland

- Transition from HP3000 to new server structure – looking beyond this to all IT on airport and seaport side – upgrade MIS to a standalone unit – change governance structure so that MIS is more fully integrated into decision making – all lines of business being analyzed to identify capabilities and matching technology to those



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Diane Manasco – Port of Longview

- Business has changed a lot
- Looking at software packages for accounting

Doug Albrecht – Port of Long Beach

- 10 year strategic Plan – 5 year IT/Business management plan (finished by July)
- Move forward with plan (staffing, systems, etc...)
- Security – still implementing round 1 (have gotten several extensions) (Vistascape/Smartsite for camera integration) – command center, fiber optic, sonar – technology task force
- Environment – voluntary vessel speed reduction – track to reward for 15% dockage discount if adhere to slower speeds (less than 12 knots = less Nox)
- Virtual Container Yard (eModal (trucker community), IAS (carrier community) – \$1.2 Million - 10% payback to port if certain number is reached yearly) – want to reduce 2000 truck trips back to the yard (empties)
- Billing system – understaffed to manage the project so hired a revenue manager – consultant quoted \$5-7 million – still looking
- Round 5 – joint fiber optic with LA for command and control center
- Advanced traffic management information system – signage and communication with freeways for outbound, ITS
- OCR at 45 mph to read container numbers (double stacked) to match to bill of lading to determine of headed in the right direction (Alameda Corridor) – exceptions will be sent to port authority
- Air Quality Monitoring in real time over the web for citizens (community outreach) web portal

Jerrold Larriau – Port of New Orleans

- No disaster recovery plan
- Set up office in Atlanta – two IT staff – building had no substantial damage – computer room stayed up with diesel generator – ISP left town with evacuation and turned off their equipment – 3 days no internet – tape backup company (Iron Mountain) gone for 10 Days – looters were all around the building – harbor police ordered to go to Houston – Chief stayed behind (controversy)
- No cell phone – yes text messaging –
- Set up office for 2 months north of Ponchartrain
- Never missed a payroll – but local banks couldn't disperse
- Wrote manual checks and couriered – paid ahead three paychecks
- Longshoreman couldn't return – Truckers were making money hauling for FEMA so couldn't get containers moved
- Provide transportation to get longshoreman to work
- Even if had a plan, total evacuation would render the plan ineffective
- 100% of pre-Katrina vessel calls are



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- Lawson 7 – Lawson 8 upgrade required by May next year - will be a significant modification – the file structure has changed for 8 and 9 has been released – training will be required – custom modifications will have to be redone in new version
- 40 folks will not be returning to their port jobs
- looking at a cold site at the Port of Shreveport – locate PCs and networking equipment – test the procedures
- needs to be far enough away for the affected area (50 miles +)
- FEMA is not providing the initial amount thought to the port – probably won't

Lisa Humber – Maritime Exchange of the Delaware River and Bay

- Disaster recovery - site is 30 miles away
- Looking at co-hosting with peers so that infrastructure doesn't have to be replicated
- Replaced all servers last year – major undertaking
- Implementing a regional based AIS Vessel tracking system – phasing in as budgets/grants are available
- Restructured – Michael Fink is director of IT

Debbie Givens – Port of Tacoma

- Looking at core systems – current lack of integration – IMS Project – How can they replace the old systems with a more integrated environment – RFP – four vendors – want to stay as out of the box as possible (JD Edwards, SAP, Great Plains, Lawson)
- Phased approach – not big bang – easy wins and train as you go
- *Comments on implementation strategies* - Steering committee to raised CBA issues to raise awareness and issues with senior staff
- Security – Grant round 1 that needs to be implemented
- Command and Control center
- IT Infrastructure grant – need to address gaps between design and reality (staff involved in redesign)
- RPMs on Maersk Terminal
- Maximo being stretched to the asset management side
- Disaster Recovery site is too close – across the bridge
- Mainline railroads project – demo this afternoon
- Terminal modeling/simulation – densification, capacity and throughput
- Spinnaker from Tideworks – manage two rail yards
- Trying to move to more strategic rather than operational IT dept – bring technology to table in the planning process – also quantify value of investments in IT
- Intranet – Sharepoint platform – Team based collaboration – have hit the tipping point – using it as a repository for the information – embraced by staff