

The Port of Virginia



Port Access Issues and Challenges

**Presented to:
AAPA Port Security Seminar
July 19, 2006**

Port Access Issues and Challenges



- Port of Virginia
- Port Credentials
- Access Control at the Portsmouth Marine Terminal
- Implementation Challenges



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The Port of Virginia Jamestown 1607

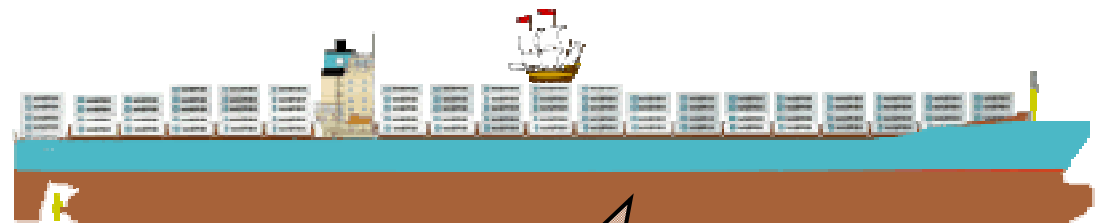


Godspeed
Length = 68'

Discovery
Length = 49' 6"
20 tons (1 TEU)



Susan Constant
Length = 116'



Xin Los Angeles
Length = 1,105' Width = 150'
9,600 TEU Ship



The Port of Virginia



- **First Ship Sails from Jamestown with Export Cargo**
 - ⊕ **Year is 1607**
 - ⊕ **No Dredging Required**
 - ⊕ **No Highway Required**
 - ⊕ **No Railroad Required**
 - ⊕ **Small Landside Facilities Required (Wooden Pier)**
- **Low Financial Investment**
- **By 1630 Tobacco Exports to Europe**
 - ⊕ **1,500,000 lbs = 750 tons = 50 TEUs!**



Location of VPA Terminals



The Port of Virginia



- **In the Year 2005, VPA Handled 1.98 Million TEUs of Containerized Cargo**
- **VPA is Currently Ranked:**
 - ⊕ **7th Largest Container Port in the U.S.**
 - ⊕ **2nd Largest Container Port on the East Coast in Terms of General Tonnage**

**One of Only 14
Strategic Ports
in the U.S.**



The Intermodal Gateway



➤ **The 1.98 Million TEUs Exported/Imported From the Port of Virginia in 2005 Were Transported to Inland Markets Using:**

- ⊕ **Barges (10% of TEUs)**
- ⊕ **Rail (26% of TEUs)**
- ⊕ **Trucks (64% of TEUs)**



VPA Police Department



- **80 Sworn Officers,
Armed And Certified
Through DCJS**

- **Assigned To All Gates
For Access Control
And Patrol The Marine
Terminals 24/7**



Interoperability Communications



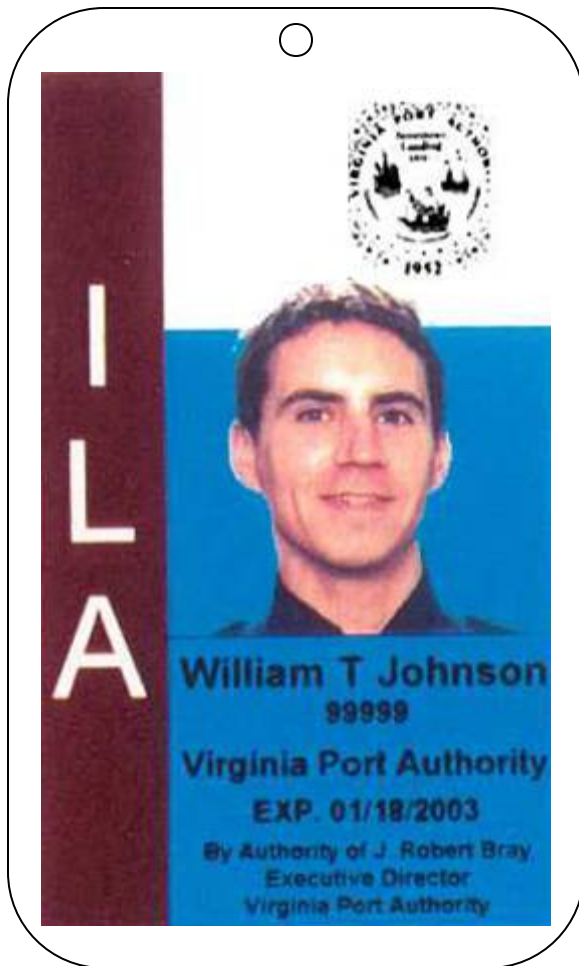
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Access Controls – Credentialing



VPA Credentialing



➤ VPA Requirements:

- ⊕ **Company Must be Certified by VPA/VIT**
- ⊕ **Employee Must be Certified by Company**
- ⊕ **Employee Must Have Valid Government Issued Photo Identification ***

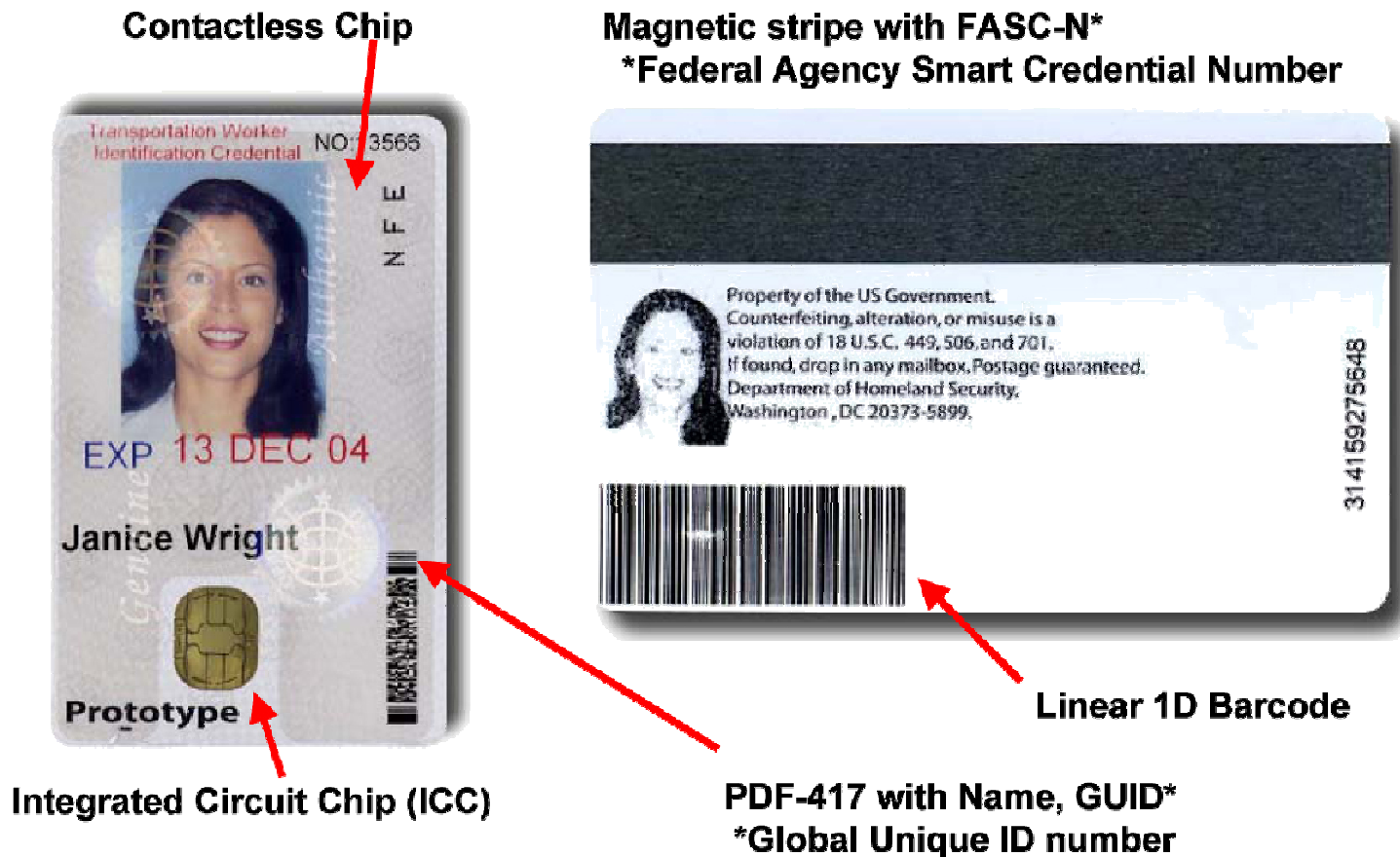
*Note: Only requirement under 33CFR105



Transportation Worker Identification Credential (TWIC)



Prototype Credential



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PMT E-Gates



PMT E-Gates



PMT E-Gates



1. Incoming Trucks Enter Designated Inbound Lanes and Stop at Pedestals for Officer Verification



PMT E-Gates



2. Officers Compare Live Video to the Image Stored in the VPA ID Database.



PMT E-Gates



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Challenges



- Implementation Costs
- Contactless Reader
- Database "Exchange"
- System Reliability



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400th Anniversary 1607 - 2007