Port Security Overview

Presented to:
AAPA Marine Terminal Management
Training Program
April 26, 2006
Security Topics

- Legislative Activities
- Facility Security
- Container Screening
- “Smart Box” Technology
Security Topics

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Requirements

- 33 CFR Part 105 (1 July 2004)
  - Facility Security Plan
  - Security Training
  - Access Control Measures
  - Worker Identification
Legislative Activities

- Transportation Security Improvement Act (May 2005)

- GreenLane Maritime Cargo Security Act (November 2005)

- Security & Accountability for Every (SAFE) Port Act (March 2006)
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Layers of Maritime Security

In U.S. Waters
On U.S. Shores
In Transit
Overseas
Layers of Maritime Security

OVERSEAS: 24-HOUR ADVANCE MANIFEST NOTIFICATION
- Container Security Initiative
- Customs-Trade Partnership Against Terrorism
- International Ship & Port Security Code

IN TRANSIT: 96-HOUR ADVANCE NOTICE OF ARRIVAL
- Automated Targeting System
- Operation Safe Commerce
- Smart Box Initiative

ON U.S. SHORES: MARITIME TRANSPORTATION SECURITY ACT
- Area Maritime Security Committees
- Transportation Workers ID Credential
- Container Screening
Terminal Security

Perimeter Fencing & CCTV

Command & Control Center

Truck Gate Radiation Portal

Rail Radiation Portal

Norfolk International Terminals (NIT)
VIP Security System

Perimeter Fencing & CCTV
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
Access Controls – Credentialing

The Virginia Port Authority
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

- **Contactless Chip**
- **Integrated Circuit Chip (ICC)**
- **Linear 1D Barcode**
- **Magnetic stripe with FASC-N* **
  - *Federal Agency Smart Credential Number**
- **PDF-417 with Name, GUID* **
  - *Global Unique ID number*
E-Gates
E-Gates
# Rising Port Security Costs

## Port Security Costs

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
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<tbody>
<tr>
<td>2005</td>
<td>$ 5,461,000</td>
</tr>
<tr>
<td>2003</td>
<td>$ 4,269,000</td>
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<tr>
<td>2001</td>
<td>$ 3,889,000</td>
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<td>1999</td>
<td>$ 3,548,000</td>
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## 2005 Breakdown

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Payroll</td>
<td>$ 4,803,000</td>
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<tr>
<td>Supplies &amp; Services</td>
<td>$ 357,000</td>
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<tr>
<td>Insurances</td>
<td>$ 198,000</td>
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<tr>
<td>Equipment</td>
<td>$ 103,000</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$ 5,461,000</strong></td>
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Port Security Fee Structure

- Effective August 1, 2005

<table>
<thead>
<tr>
<th>Surcharge Rates</th>
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<tbody>
<tr>
<td>Containers</td>
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<tr>
<td>$ 2.00 Per</td>
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<tr>
<td>Breakbulk</td>
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<tr>
<td>$ 0.10 Per ST</td>
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<tr>
<td>Vehicles</td>
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<td>$ 5,000 Flat</td>
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U.S. Customs Inspection
Radiation Portals

NIT Rail Portal

NIT Truck Portal
Container Seal Inspection

- 100% Container Seal Verification
- Joint Effort with CBP
Port Exercise Iron Shield

➢ Strengths
   ✦ CBP/VPA PD Teamwork
   ✦ Detection Capability & Data Queries

➢ Areas for Improvement
   ✦ Radiological Incident Evaluation Tools
   ✦ NIMS Training
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“Smart Box” Technology