• The Human Element of Security

• Its Impact on Facility Engineers
Presentation Overview

- Goal of ISPS/MTSA
- Why Facility Engineers Care
- Approaches to Security Improvement
  - Equipment & Technology
  - Security Force
- Training the Security Force
- Security Policies and Procedures
- Government Oversight of Security Force
• Goal of ISPS & MTSA
  – To keep bad people and bad things out of the port (ship)
• “Developed nations” must rely on technology as labor is too expensive
• “Developing nations” often need to rely on security force as technology is too expensive
• The Best Solution – Combination of Technology & Security Force.
Why Facility Engineers Care

- Security must be effective – keep the “Bad Guys” out
- Security must also be efficient – effective **without** waste
- Inefficient security procedures, inept security personnel directly impact facility engineers job
Key ISPS/MTSA Requirements:

- Controlling access to the Facility
- Monitoring of the Port Facility
- Restricted areas
- Supervising the handling of cargo
- Supervising handling of ship’s stores & bunkers
- Ensuring security communications is readily available
• Solutions can be grouped in two areas
  – Equipment/Technology
  – Security Force
• Equipment & Technology get all the attention
• Properly Trained Security Force is equally important
Security Force Training

- Goal = Intelligent enforcement of security policy & procedures
- Training is NOT sitting in a class memorizing the ISPS Code
- Start with the Basics
- Written policies/ procedures
- THEN ISPS/MTSA
Key Security Policies & Procedures

• Visitor access procedures
  – Approved Visitor Lists
  – Badging of visitors
  – Badging of vehicles not drivers
  – Searching persons and vehicles
  – 7 point container inspections

• Monitoring
  – Security Zones
  – Patrolled by zone
  – ID badges color coded by zone
Policies and Procedures must be Published in the Facility Security Plan

- Military axiom – Train as you fight and fight as you train
- Training must be based on clear & written security procedures
- Security Plan should address Policy & Procedures
- Governments should look for coherent procedures as much as outline of MTSA in Plans
- Security Force is to Intelligently enforce the Plan
• User friendly security visitor’s list
• Invited Contractors and Vendors get in
• Invited Contractors & Vendors are quickly badged
• Unexpected visitors do not show up at your office
• Intelligent security force - Receive call from the gate – a fully loaded cement truck is at the gate but they are not on the visitors list...
Drills & Exercises

- ISPS & MTSA Require Drills and Exercises
- Do not over complicate
- Drills and Exercises should be useful
- Opportunity to practice Security Policy & Procedure as defined in Security Plan
Example Security Forces

- **Port au Prince, Haiti**
  - Solid perimeter security, improving security force
- **Port of Belize, LTD**
  - Solid Security Force
  - Simple & effective security force policies
- **Jackson Shipping, Tampa**
  - Caught a “bad guy”
Government Oversight of Port Security Guard Forces

- Port security must be effective and efficient
- Effectiveness goes to the root of security
- Efficiency impacts the facility engineers
- Governments have focused on technology/equipment
- Need to have objective means to evaluate security force
- In fact must have effective means of evaluating the entire security system
Conclusion

- Goal – Keep Bad people and Bad things out of the ports and off the ships
- Security must be Effective & Efficient
- Solutions
  - Technology
  - Security Force
- Security Force = Procedures + Training
This PowerPoint presentation can be downloaded from www.hpa.com