“Hit or Miss” System
Early Grant Request Challenges

- Unlinked projects
- Short timelines to work within
- Ineffective planning
- Failure to prioritize
- Ever-changing rules procedures
California cited as terror target

Despite alert, tour of port unimpeded

By RAD SALLEE
Houston Chronicle

A Christmas Eve tour of the Port of Houston and the petrochemical industries along the Houston Ship Channel shows that — despite a recently heightened national security alert — they lie wide open to even a moderately determined terrorist.

A local corporate security consultant, accompanied by a Houston Chronicle reporter and photographer, pointed out numerous vulnerabilities in the sites and suggested ways to improve security. He also recommended a system of alarms, fearing that his security criticism could be used as the basis for the corporations to reject his business.

See SECURITY on Page 20A.

A local security consultant and Houston Chronicle staff had unattended access to docked vessels and structures during a tour Wednesday of the Houston Ship Channel area.

CHRISTMAS 2003

U.S. beef is banned by more countries

Mad cow report spurs meat recall

By SHANKAR VEDAMATAM
Washington Post
Funded Comprehensive Security Risk Assessment Study

Looked at situation from several different perspectives

Prioritized needs, assessments

Security Infrastructure Master Plan

Future grant applications more reflective of federal priorities for that year’s round of grants
• Successfully evaluated vulnerabilities
• Developed ways to mitigate vulnerabilities
• Established standards and consistencies
• Coordinated those standards among our various contractors
Our Initial Goal

To harden our perimeter and become less dependent on manpowered patrols
Security Personnel Costs

- Costs PHA $9 million annually to provide manpower to meet port security needs
- 600% increase in police-contract security manpower costs over past 5 years
High-tech detection, surveillance, access devices

- CCTV cameras
- Video monitors
- Radio Frequency Integrators
• To date: $31.5 million in federal port security grants.
We enlisted aid of Lawmakers

- Formal Briefings
- Receptions
- Tours of our facilities
- Written correspondence
- One-on-one visits
Interaction pays huge dividends

- **Millions**
- **Prior year's briefings**

![Graph showing interaction and dividends over years from 2002 to 2005](image)
Port Coordination Center
Features include:

- Closed-circuit TV video wall and plasma display
- State-of-the-art radio dispatch system
- Computer-aided dispatch system
- Records management system
- State-of-the-art computer network equipment
- Administrative private branch exchange (PBX) telephone system
- Digital logging recorder
- Instant voice recorder
- Diesel generator
- Uninterrupted power supply (UPS)
- Self-contained potable water system
EMCC features include:

- Satellite dish
- Radios
- Satellite telephones
- Cameras
- Live-feed video connections
- Two-way communication with PCC
DHS Office of Grants & Funding Message!

• Public – Private Partnership
• Multi – Facility
• Improve Interoperability
• Enhance the whole ports Maritime Domain Awareness

• But must be sponsored by a public entity that has security jurisdictional responsibilities
Port Strategic Security Council

- Broad Based Public Private Partnership
- Multi MTSA Regulated Facility Application
- Enhances Maritime Domain Awareness
- Enhances Interoperability
- Looks Great on Paper!
PSSC Voting Membership

- Harris County
- Private Industry through EHCMA
- City of Houston
- Federal Justice Department
- Port of Houston Authority
Round 5 Security Grants $17m

- CCTV cameras and fiber backbone along SH 225 linked into Sheriff’s Department
- Additional waterside radar
- Patrol boats
- Sonar detection devices
- Bomb disposal unit
PSSC Challenges

• Gaining Fiscal Commitment from the Private Sector
• Sustainability – O & M Budget
• Ownership and Response Responsibilities
• Multi jurisdictional Challenges
• Hammer from USCG
Round Six Security Grants

- Prevention & detection of underwater IED attacks
- Prevention & detection of IED attacks from small crafts
- Prevention & detection of vehicle-borne IED attacks on ferries
- Enhancement of Maritime Domain Awareness – TWIC
(TWIC) Transportation Worker Identification Credentials

TWIC Goals

• Improve Security
• Enhance Commerce
• Protect Personal Property
• Standardized Personnel Identification
TWIC Logistical Issues

• Non developed implementation & issuance process
• Limited Criminal background checks (State criminal checks)
• Application Costs
• Unproven Biometric Technology
• Operational Challenges
Questions For The Future

• What will Technology bring?
• Public Private Partnerships?
• O&M and replacement costs
• How will it be funded, who will pay?
• Changes in Responsibilities?