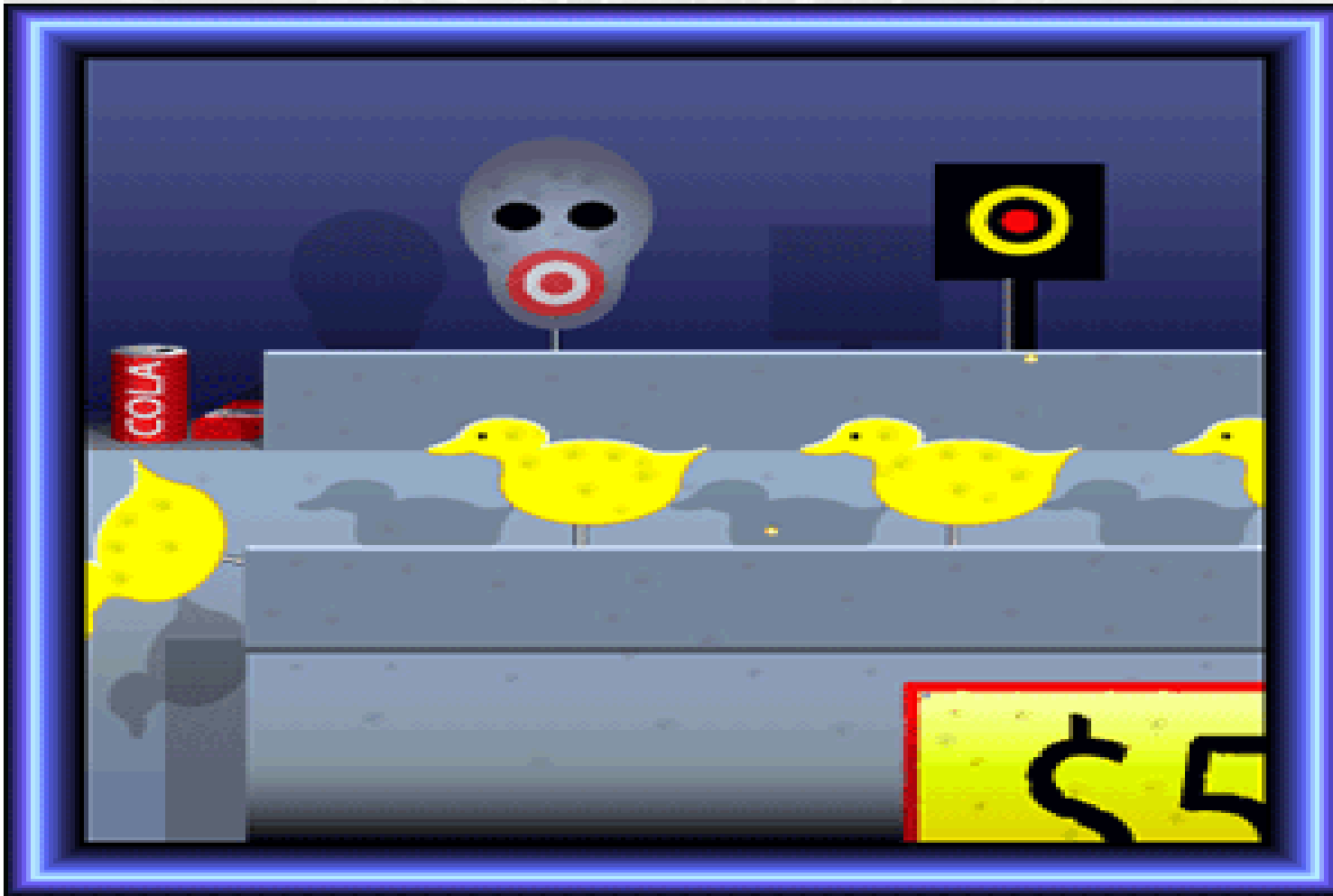


THE PORT OF HOUSTON AUTHORITY

Wade M. Battles, Managing Director
American Association of Port Authorities Presentation:
“Managing, Funding & Implementing Port Security Projects”
Wednesday, July 19, 2006



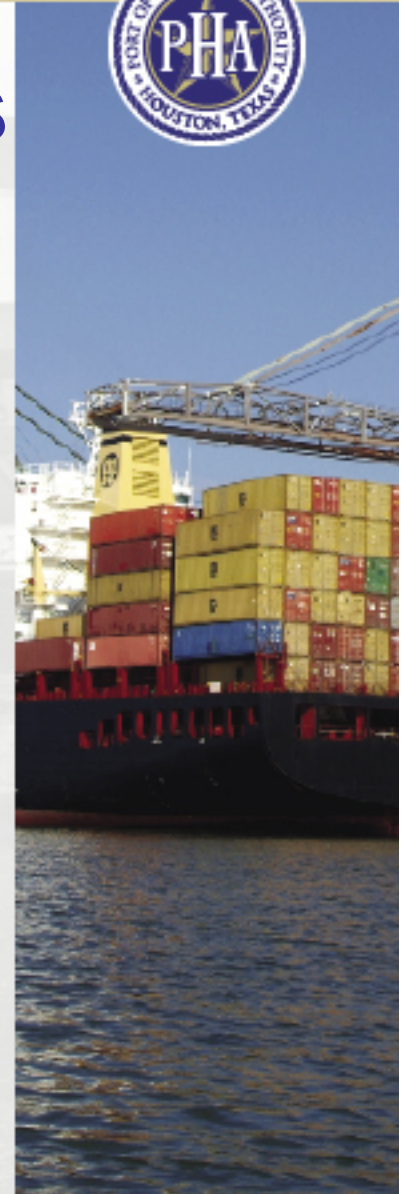
“Hit or Miss” System





Early Grant Request Challenges

- Unlinked projects
- Short timelines to work within
- Ineffective planning
- Failure to prioritize
- Ever-changing rules procedures





UH says aloha to bowl season; Rockets face Lakers / Sports

Houston Chronicle

www.houstonchronicle.com

THURSDAY, DECEMBER 25, 2003

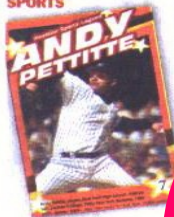
Vol. 103

No. 73

50 Cents

★★★

SPORTS



Pettitte joins team of 38 Super stars

Andy Pettitte, the Astros' newest starter, is also the newest addition to the lineup of Houston sports greats who will be honored before Super Bowl XXXVIII. **Page 1B.**



Cold Mountain, Kidman take it to the top

The Civil War love story starring Nicole Kidman is full of stunning moments, Eric Harrison says. And Kidman tells Bruce Westbrook that enmeshing herself in her screen characters

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 at the sites and suggested ways to fix them. The consultant asked to remain anonymous, fearing that his security criticism could cause some of the corporations to reject his business.

"It's Christmas Eve. Think Dec. 7, 1941," the consultant said. **See SECURITY on Page 20A.**



Steve Ueckert / Chronicle

A local security consultant and Houston Chronicle staffers had undeterred access to docking vessels and structures during a tour Wednesday of the Houston Ship Channel area.

Officials detail hijack plot; state readies for bio attack

Houston Chronicle News Services

WASHINGTON — A French airline canceled six flights between Paris and Los Angeles on Wednesday out of fears that terrorists might be aboard, and U.S. officials ordered the emergency installation in California of dozens of sensors to detect biological pathogens that could be used in a terrorist attack.

Details remained cloudy, but top U.S. counterterrorism officials said their investigation was focusing on the "informed belief" that about six men on Air France Flight 68, from Paris to Los Angeles, may have been planning to hijack the plane and crash it near Los Angeles, or along the way.

That belief, according to one

senior U.S. counterterrorism official, was based on reliable and corroborated information from several sources. Some of the men had the same names as identified members of al-Qaida and the Taliban, said a senior U.S. official.

One of the men is a trained pilot with a commercial license, according to a senior U.S. official.

With teams that would respond to use of weapons of mass destruction on standby alert, high-ranking U.S. government officials have been sifting through intelligence reports that suggest the possibility of terrorist activity in

See FLIGHTS on Page 20A.

CHRISTMAS 2003



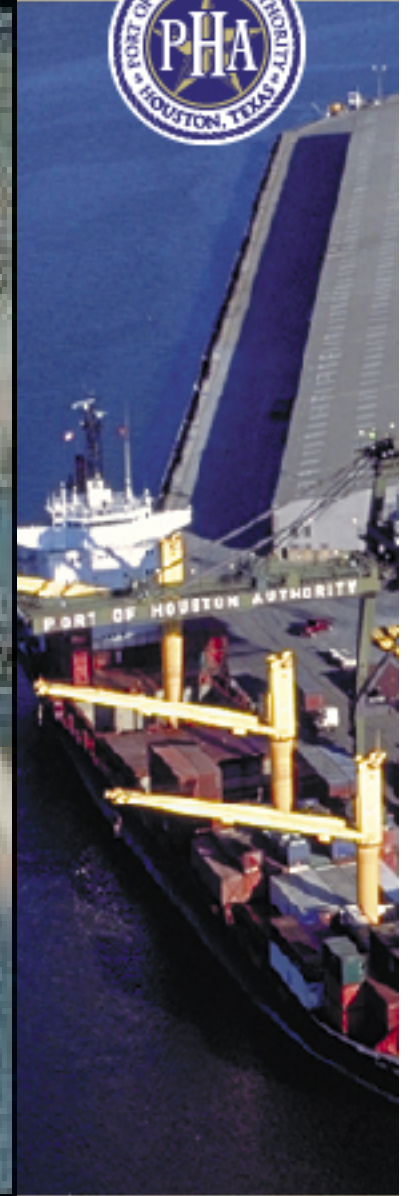
U.S. beef is banned by more countries

Mad cow report spurs meat recall

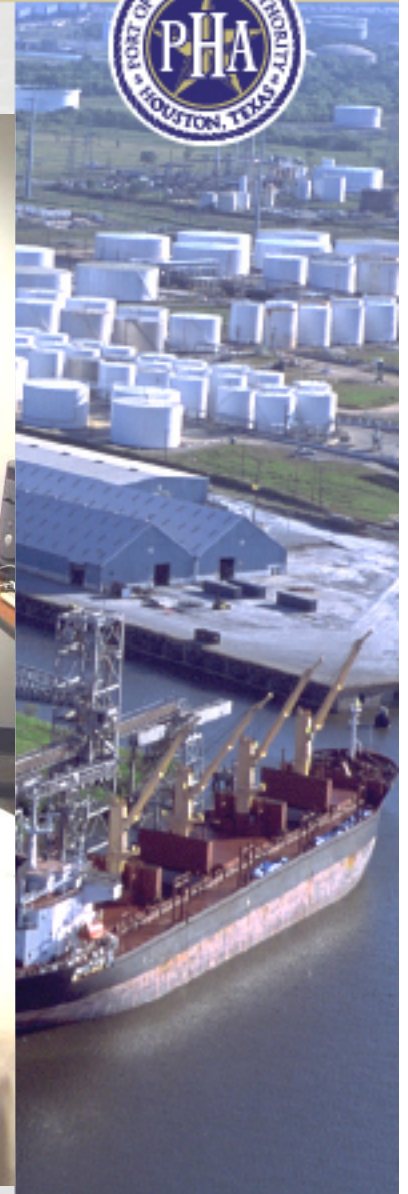
By **SHANKAR VEDANTAN**
Washington Post



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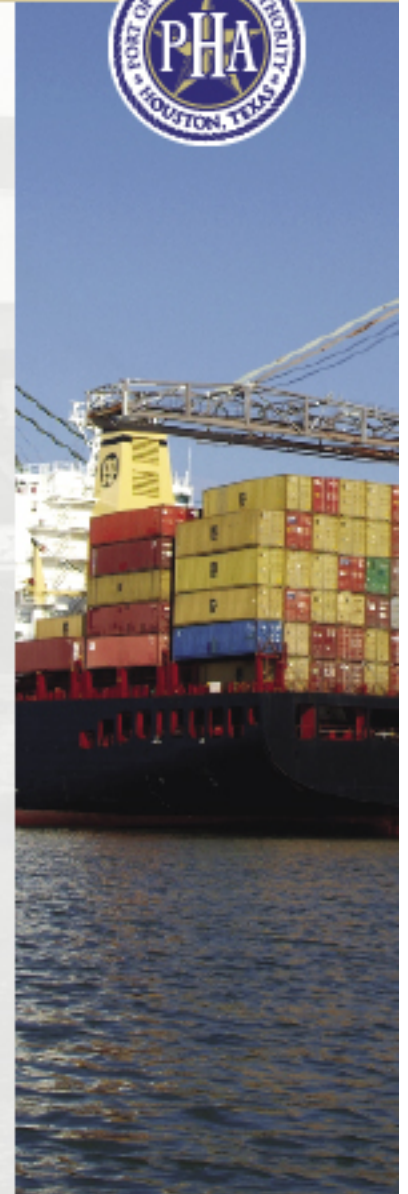


Port Security Team



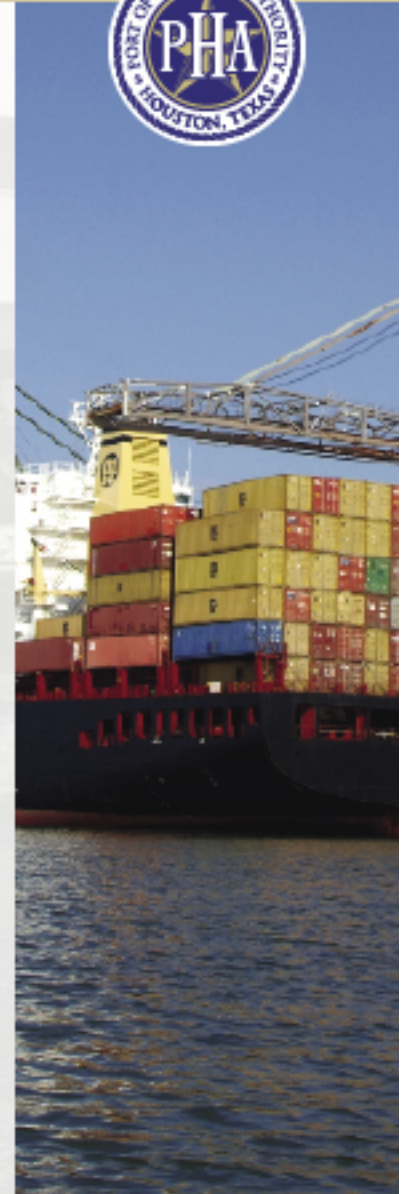


- **Funded Comprehensive Security Risk Assessment Study**
- **Looked at situation from several different perspectives**
- **Prioritized needs, assessments**
- **Security Infrastructure Master Plan**
- **Future grant applications more reflective of federal priorities for that year's round of grants**





- **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

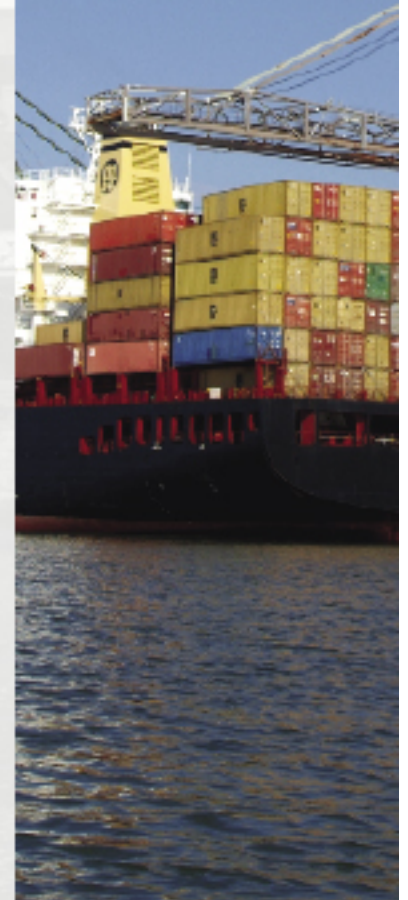




High-tech detection, surveillance, access devices

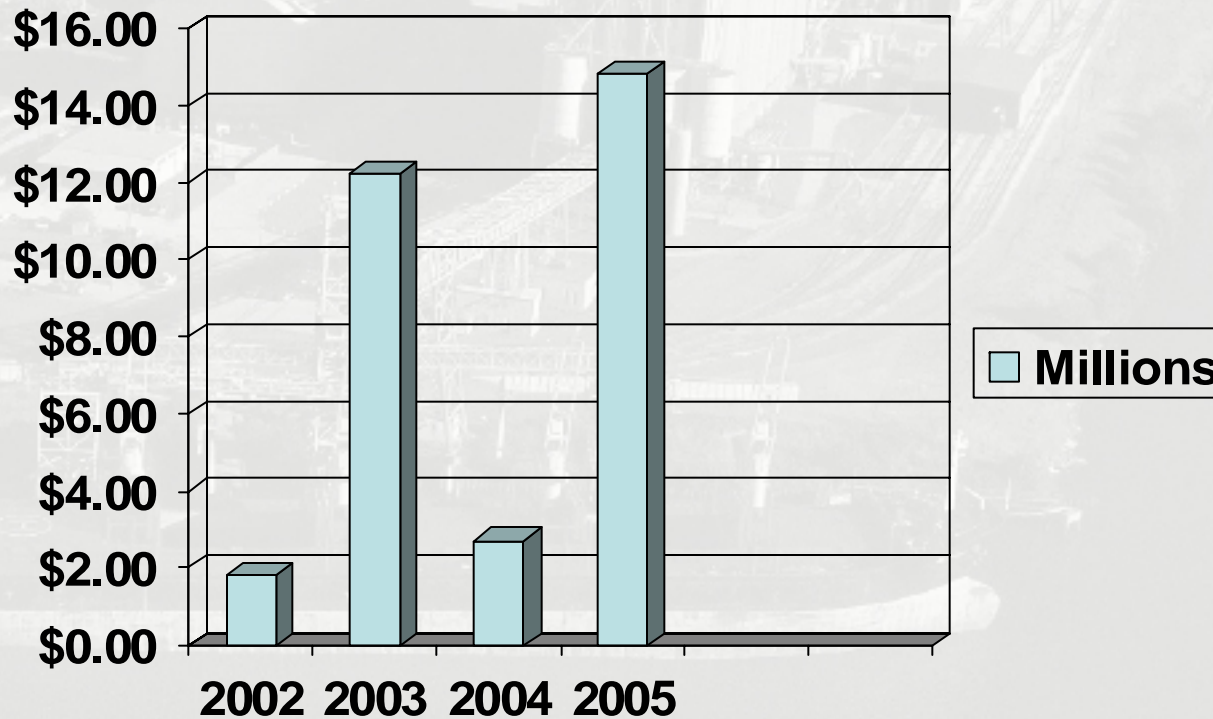


- CCTV cameras
- Video monitors
- Radio Frequency Integrators





- To date: \$31.5 million in federal port security grants.



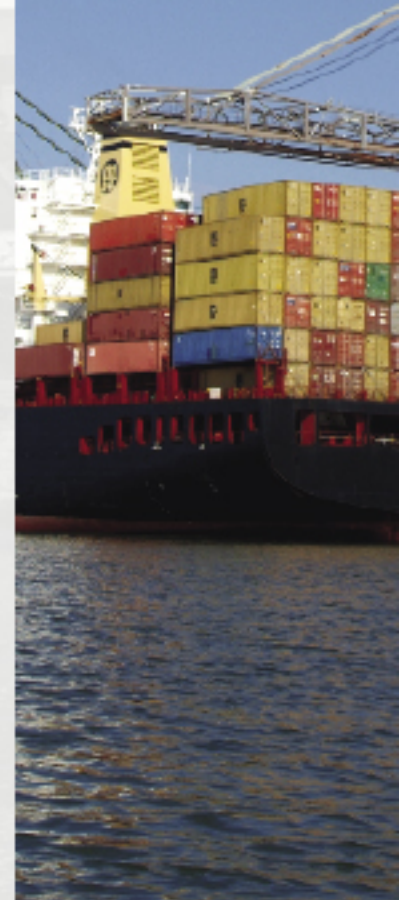
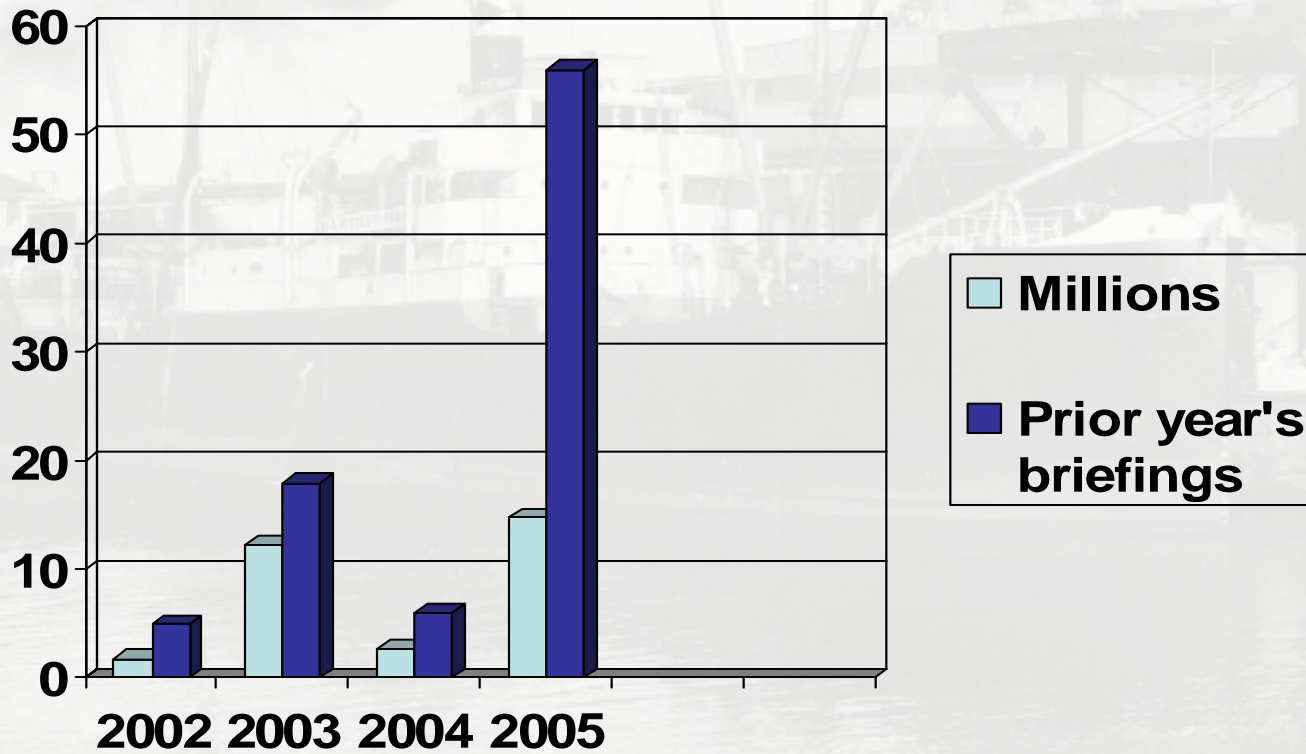


We enlisted aid of Lawmakers

- **Formal Briefings**
- **Receptions**
- **Tours of our facilities**
- **Written correspondence**
- **One-on-one visits**



Interaction pays huge dividends



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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



PHA Emergency Mobile Command Center



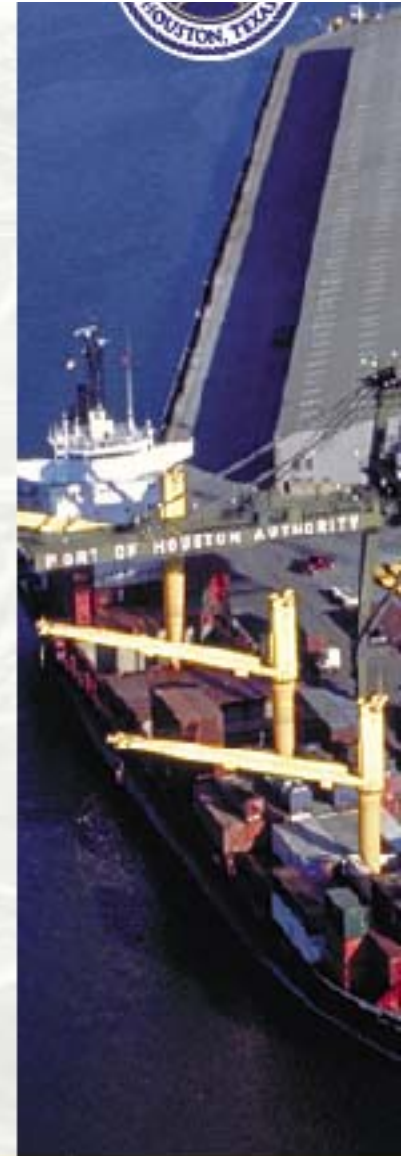
EMCC features include:

- **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

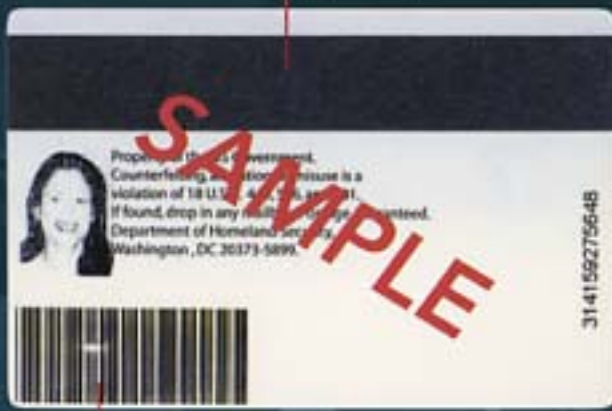


Embedded
Contactless
Chip

2D Barcode

Contact Chip

Magnetic Stripe

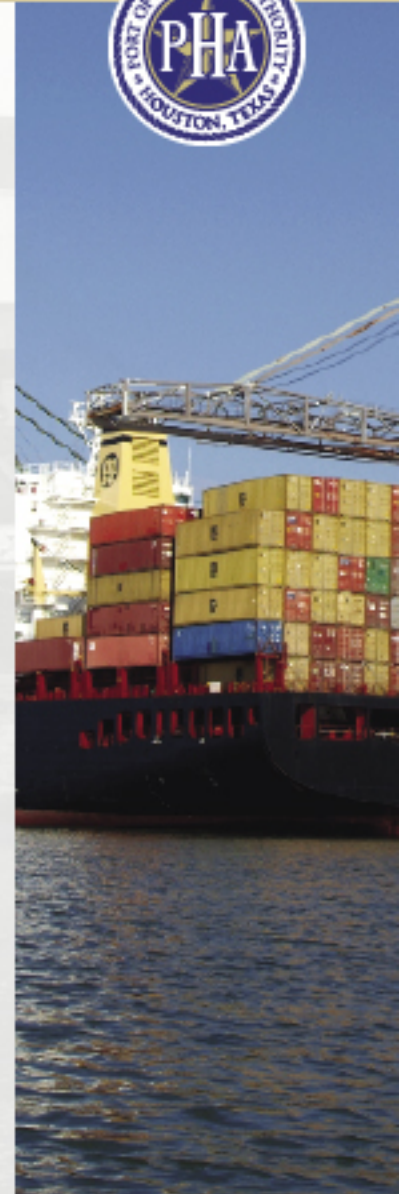


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TWIC Logistical Issues

- 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 ?**



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