



Port of the Americas “ Rafael Cordero Santiago ”



February, 2007

***Mr. Ramón Torres Morales, MSE, MBA, DBA Sc.
Executive Director of the Port of the Americas Authority***

Box 34125, Ponce, PR, 00734-4125,

(787) 448-3944 (787) 848-4992 Fax (787)840-4681

rtn_torres@hotmail.com

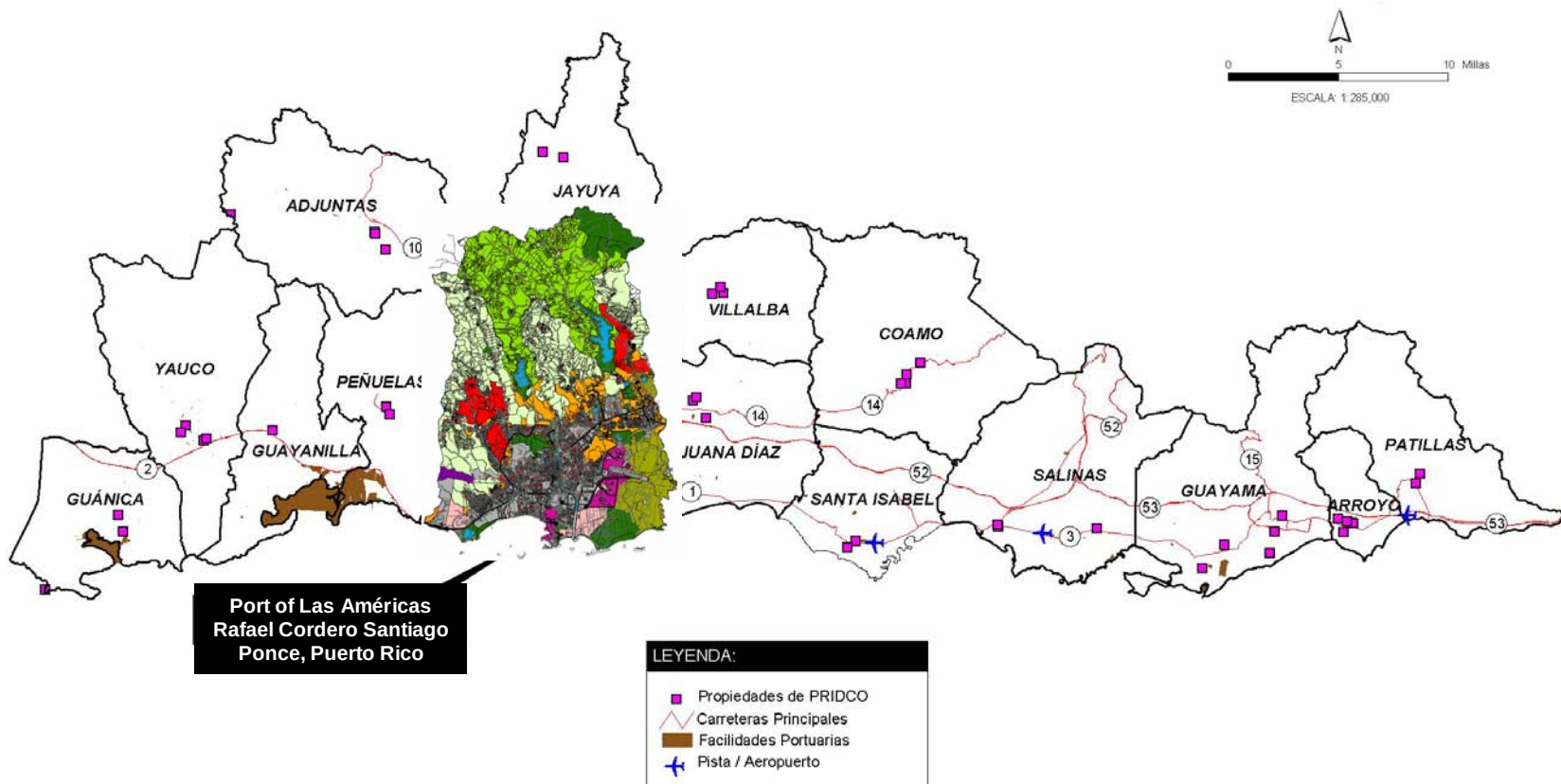
Edif. Capital Center, Suite 1601, 235 Ave. Arterial Hostos, San Juan, PR 00918-1433

(787) 763-5757 ext 1627

www.portoftheamericas.com

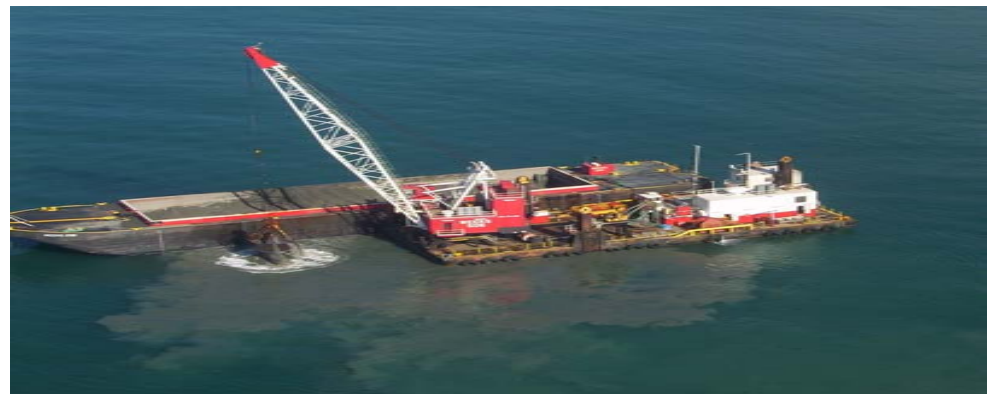


DISUR: A Regional Development Initiative of 15 municipalities



Source: Estudios Técnicos

LOOK FOR THE OPPORTUNITIES





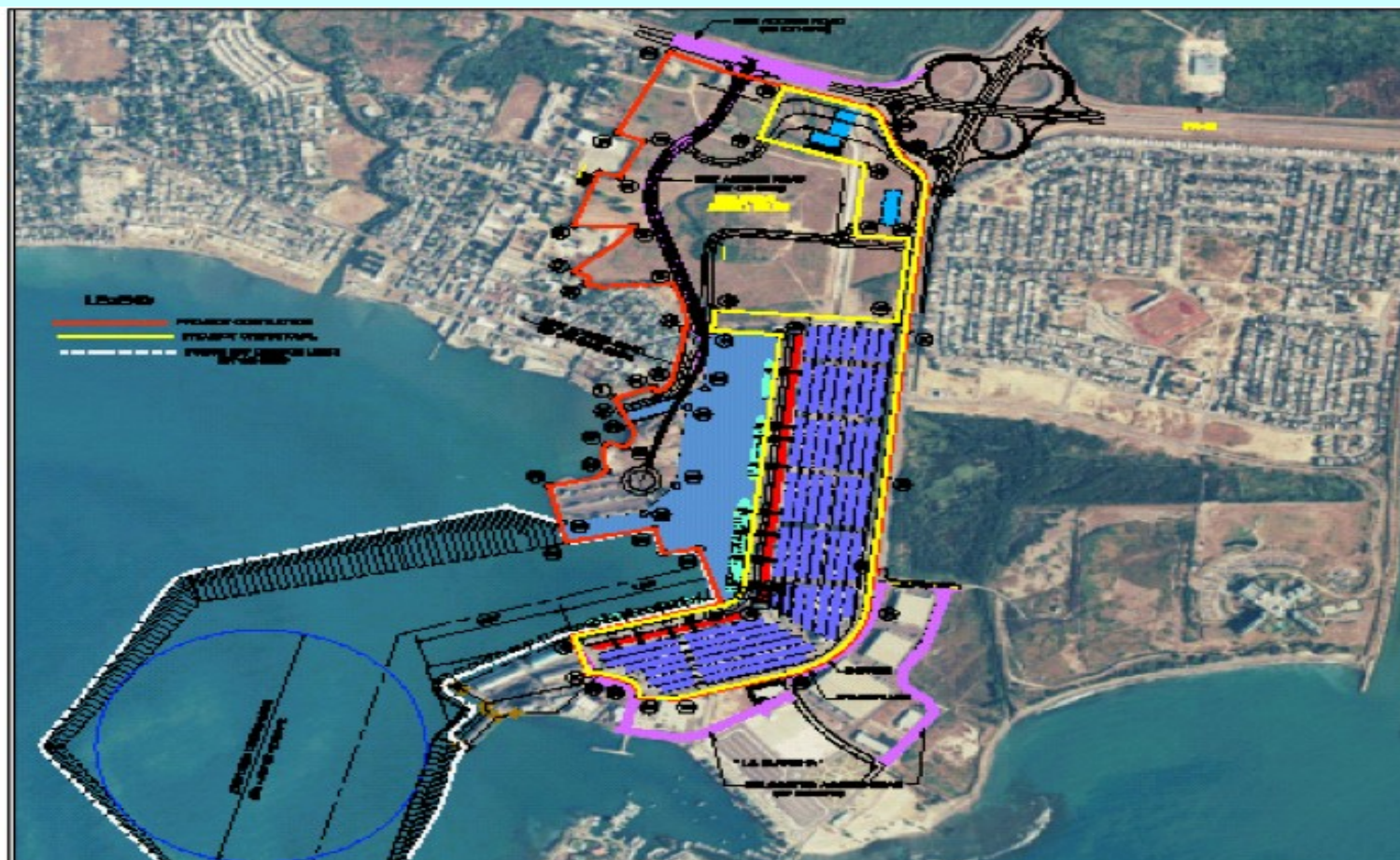
– Puerto Rico Legislation:

- Law 171 - August 2002: The Rafael Cordero Santiago Port of the Americas Development Bill was signed.
- Law 409 - September 2004: Funding up to \$250 MM.

– Main Goals:

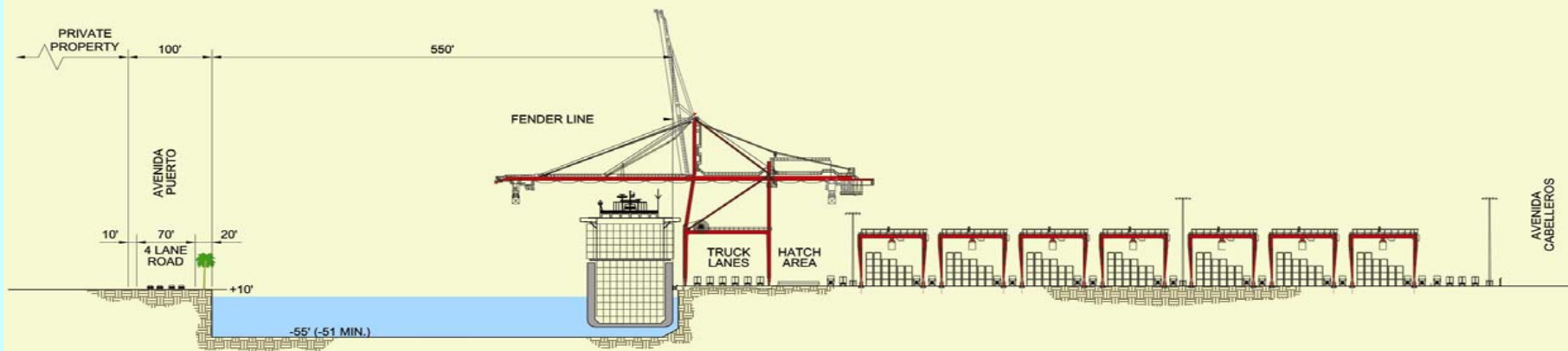
- Enable the Port eventually to handle 1.5M TEU's per year.
- Provide efficient port facilities to move cargo in Puerto Rico's Southern Region
- Complement services offered by the Port of San Juan
- Enhance Puerto Rico Value and Supply Chain
- Economic stimulus to the Southern Region.

Maritime Access Overview



- Entrance channel and turning basin by USCOE at 50 ft depth
- Terminal channel width varies from 535 ft to 650 ft

Cross-Section



Yard depth ~740 ft

Layout Statistics



Capacity

1.5 Million TEUs (Depending on Operational Mix)

**Planned
Acreage**

150 Acres Gross

Throughput

**8,000 to 10,000 TEU/Acre/Year
(Depending on Operational Mix)**

**Berth
Draft**

50 Ft (48 FT + 2 Ft Margin)

**Channel
Draft**

+ 55 Ft

**Wharf
Length**

4,400 Linear Ft in Two Segments (1,400 & 3,000 FT)



Development Phases



Development Phases

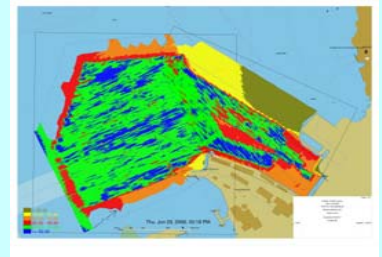


The Port of the Americas Authority project has four phases:

Phases 1 & 2



- Rehabilitation of existing docks 4, 5 and 6
- Acquired a mobile crane
- Dredging to 50 ft
- Reconstructing the container parking area
- Acquiring 135 acres at PERCON



Acres: 25. Est. Capacity: ~ 250,000 TEU

PHASE 1: Completed on Dec. 2004

PHASE 2 DREDGING Completion Date: Nov 2006

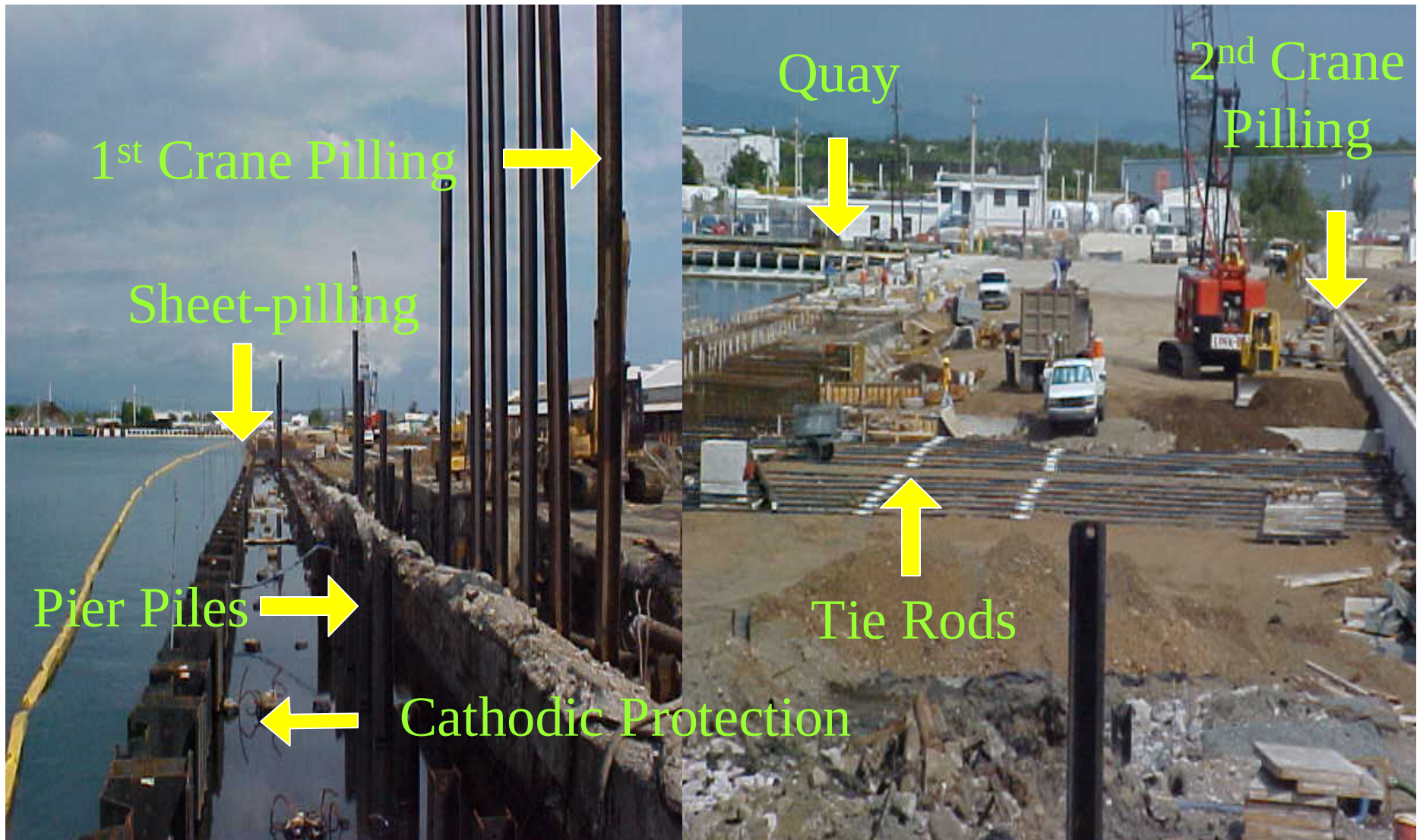
PHASE 2 TERMINAL Completion Date: 3Q - 2008



Phase 1 – Piers 4,5,6



Phase 1 – Piers 4,5,6



Phase 2 Container Terminal



Phase 2 - Dredging



Status:

- 50 feet
- 4.2 Cubic Meters
- 100% Completed
- Nov. 2006
- \$13.9 MM



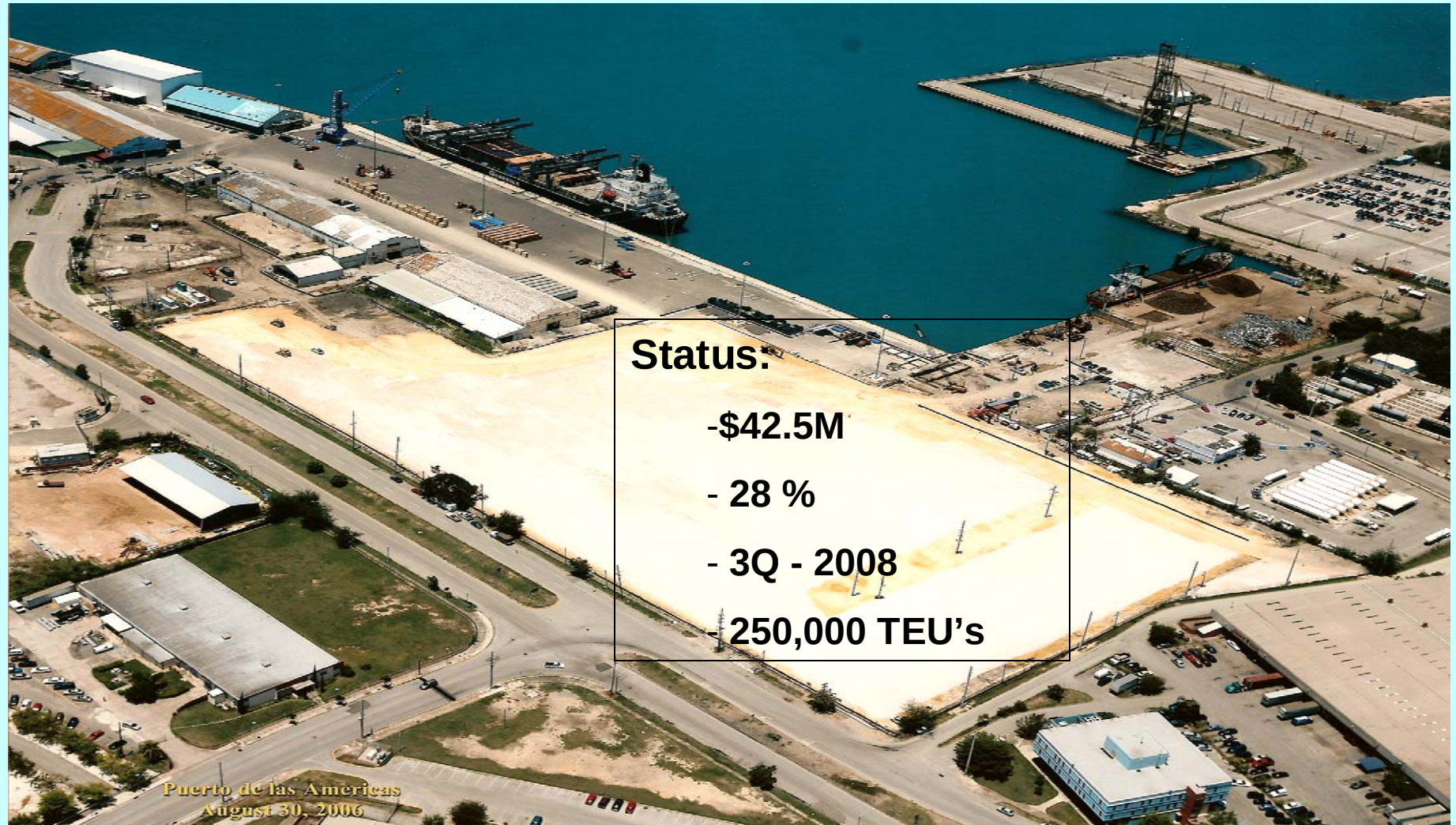
Phase 2 - Mitigation



Status:

- Mitigation and Clean-up
- 1,600 units
- 600 acres
- April 2006
- \$3.5 MM

Phase 2 – Container Terminal



Expansion Development Phases



The Port of the Americas Authority last phases:

Phases 3 & 4 : The last two Phases will expand to maximum capacity.
Estimated time to complete the Phases is 10 years.

- **Access Roads Awarded \$5M Start Date March 2007**
- **Expansion Infrastructure \$40M Start Date Oct. 2007**
(Drawings under final design reviews, 90% completed)

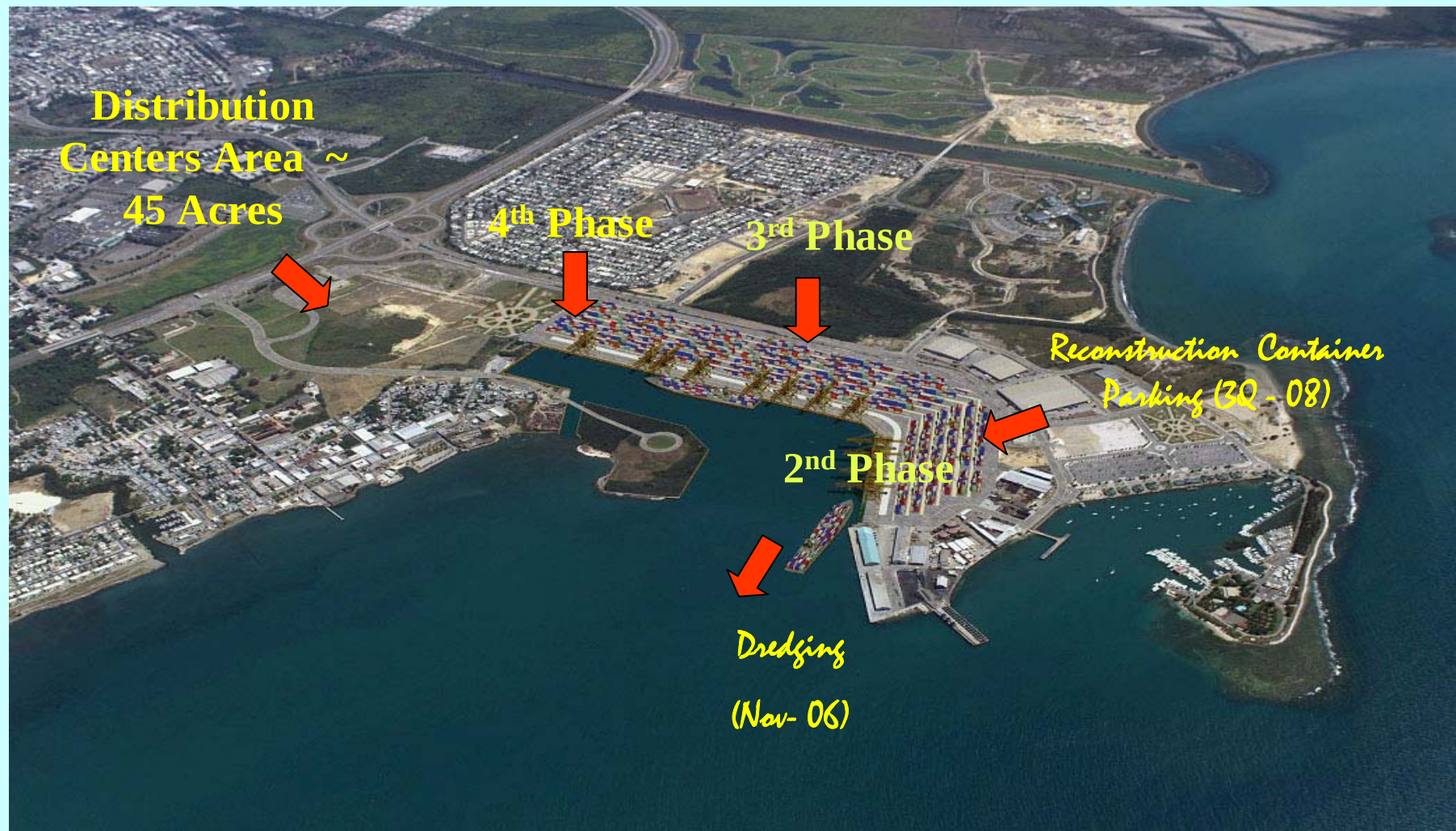
Phase 3: Acres: 43. Est. Additional Capacity: ~ 350,000 TEU

Phase 4: Acres: 77. Est. Additional Capacity: ~ 550,000 TEU

STATUS: OVERALL DESIGN 70%



The Port Development Summary





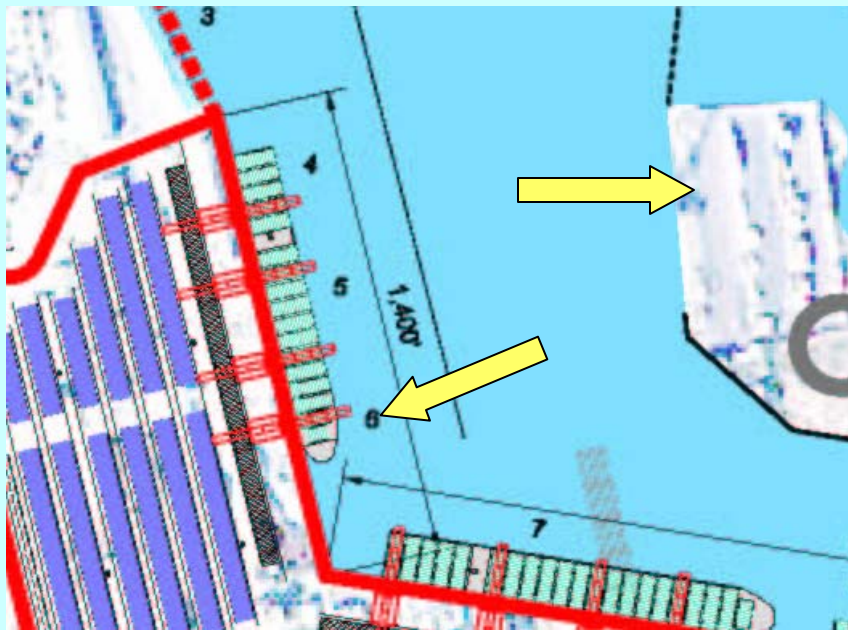
Existing Port Operations

Port
of
the
Americas



Port of Ponce

Existing Port Operations



- **Port Metrics:**
 - **Cargo: 0.6 M Tons per yr.**
 - **15 calls per month**
 - **15% Cargo increase**
 - **24% Revenues increase**



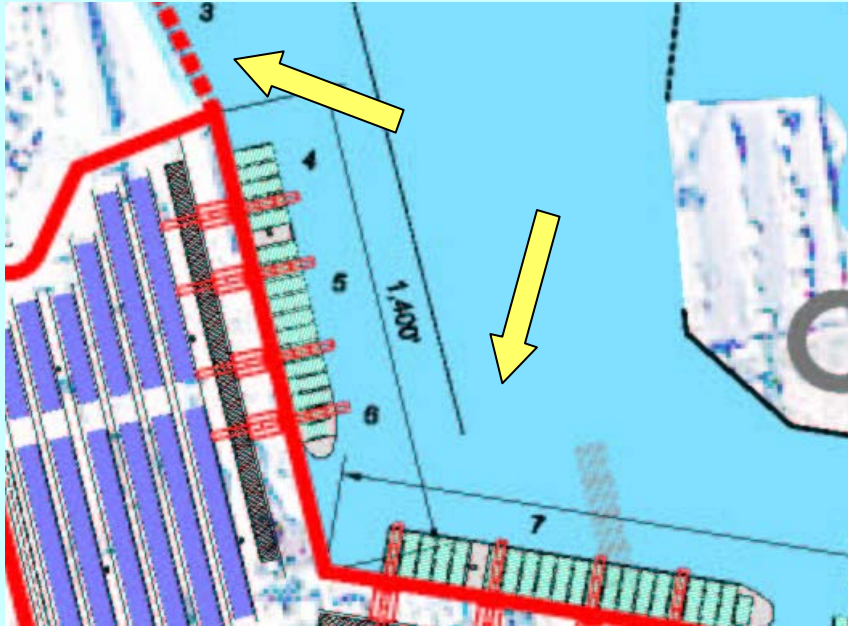
- **Commodities Currently Moved Through Port of Ponce**

- Cement
- Coal
- Gas
- Orange Juice/Pulp
- Steel
- Molasses





- **Commodities Currently Moved Through Port of Ponce**
 - Lumber
 - Steel
 - Scrap Metals



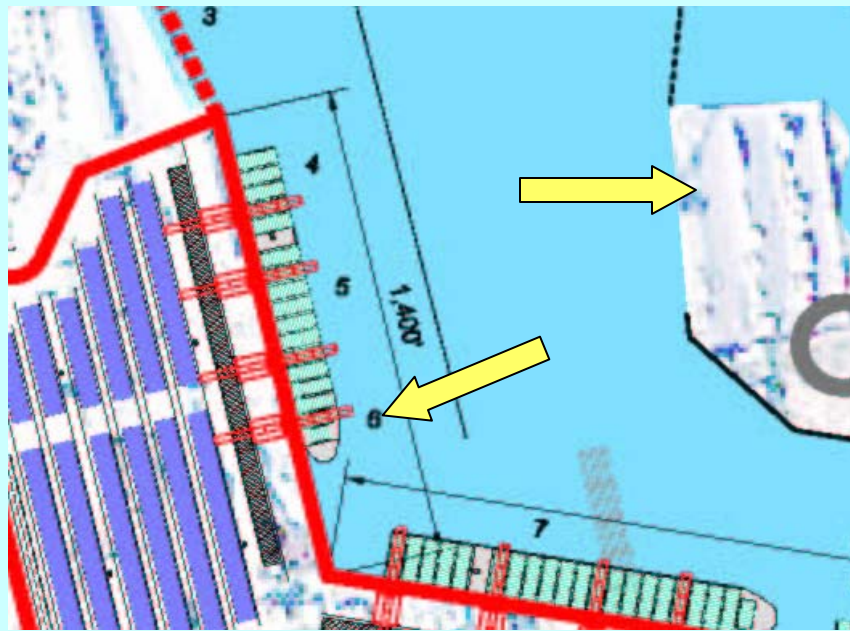
- **Service Locations:**

- Costa Rica
- Cartagena
- Curazao
- Dominican Republic
- Panamá
- Aruba
- México
- Alabama
- Portugal





- **Available Equipment & Services**
 - Gottwald Mobile Crane
 - Local Tugboat Service
 - Vessels Servicing
 - Reefers Power Service
 - Free Trade Zone



- **Current Port of Ponce Tariffs:**

- Very Competitive Rates
- Dockage: \$0.0448 gross ton per 24hr.
- Wharfage:
 - Domestic \$0.60 per ton
 - Transshipment \$0.30 per ton
- Crane: \$450 per hr. minimum 4hrs.

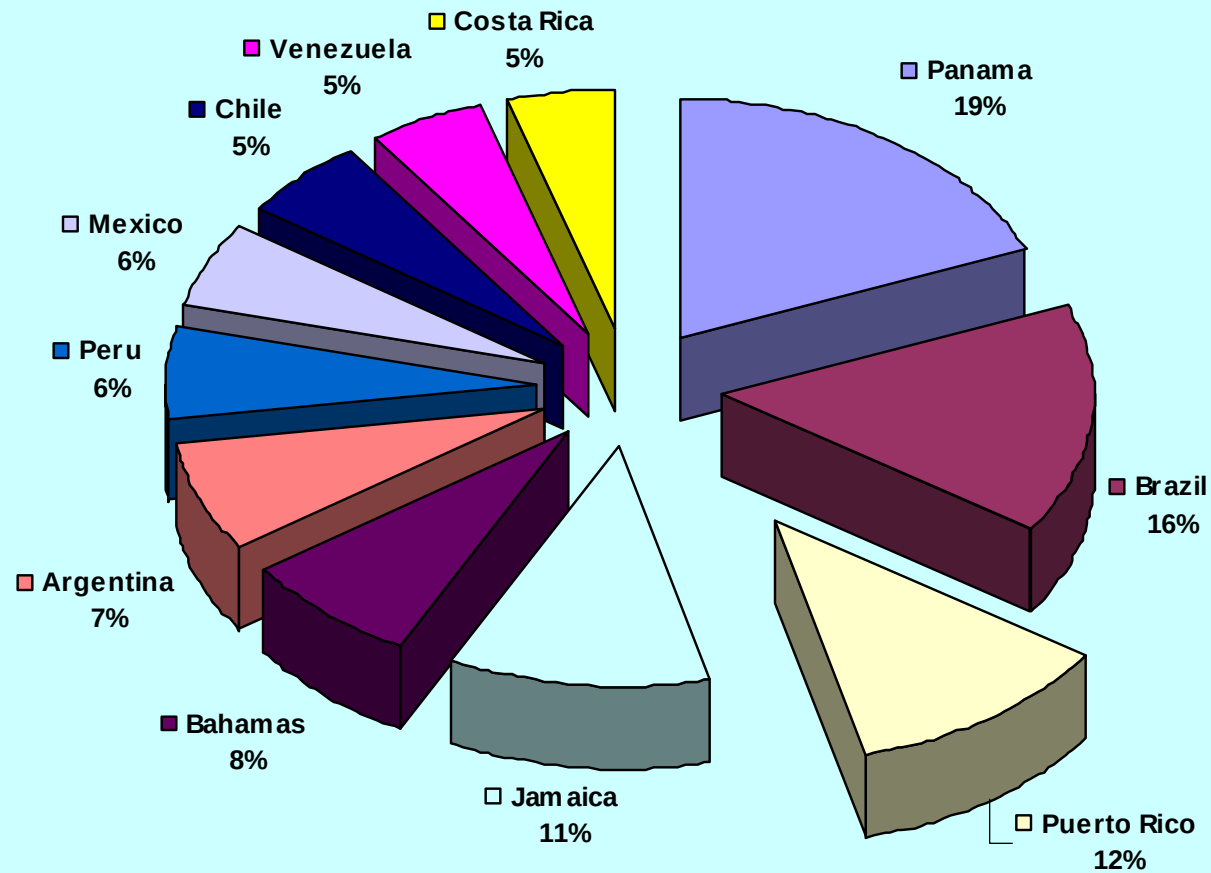
Markets & Value Added Opportunities



Port of the Americas



TOP Caribbean Ports for 2005
(Cargo Systems of August 2006)



Distance from Puerto Rico

- 🌳 Dominican Republic-1/2 hr.
- 🌳 San Martín-1 hr.
- 🌳 Miami-2 hrs.
- 🌳 Caracas-2 hrs.
- 🌳 Panamá-3 hrs.
- 🌳 New York-4 hrs.
- 🌳 New Orleans-4 hrs.
- 🌳 Sao Paolo-8 hrs.
- 🌳 Buenos Aires-9 hrs.



ACCESS ROADS INFRASTRUCTURE

- San Juan – Ponce: 1.5 hrs.
- San Juan – Aguadilla: 1.5 hrs.
- San Juan – Ceiba: 1 hr.
- Aguadilla – Ponce: 1.5 hrs.





- Values Added Activities:
 - Optimizing the core product by adapting to customer needs
 - A total team effort of product customization or targeting with emphasis on quality
 - Enhancing the product or service before offering it to a customer



- Value Added Center Elements
 - Adding Value Assembly near target markets
 - Supply Chain Management
 - Contract Manufacturing
 - Logistics Companies
 - Production and Assembly activities
 - Industrial/Logistics activities
 - Customer Support Services
 - Product Support Centers
 - Call Centers





- **Logistics Principal Activities**

- Assembly
- Light Manufacturing
- Specialized Transportation
 - (Air/Sea/Land)
- Distribution
- Warehousing
- Classification
- Inventory Control

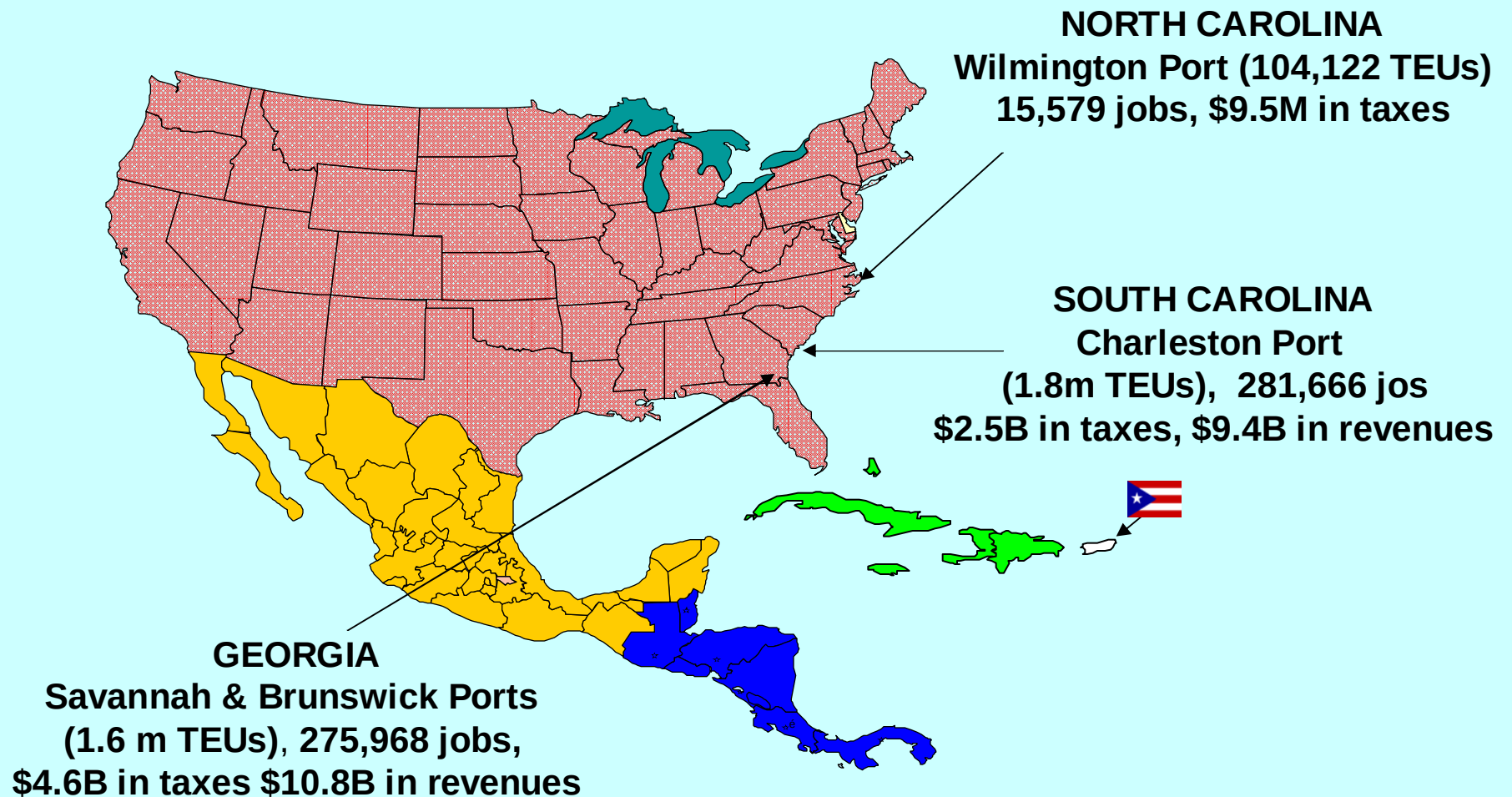




- **Primary:**
 - Port Concession
 - Fixed/Variable/Incremental
 - Free Trade Zone
 - Warehouses/Land leases
 - Containers
 - General/Reefers/Explosives
 - Cars
 - Bulk
 - Scrap/Steel
 - Lumber
 - Coal/Gas
- **Secondary:**
 - Ro-Ro/Lo-Lo
 - Liquids
 - Chemicals
 - Orange/Apple Juice
 - Molasses
 - Port Services
 - Water
 - Cranes Lease
 - US Imports Clearing House (9/11)

Value Added Services

(From Mrs. Elena Colón Parrilla)





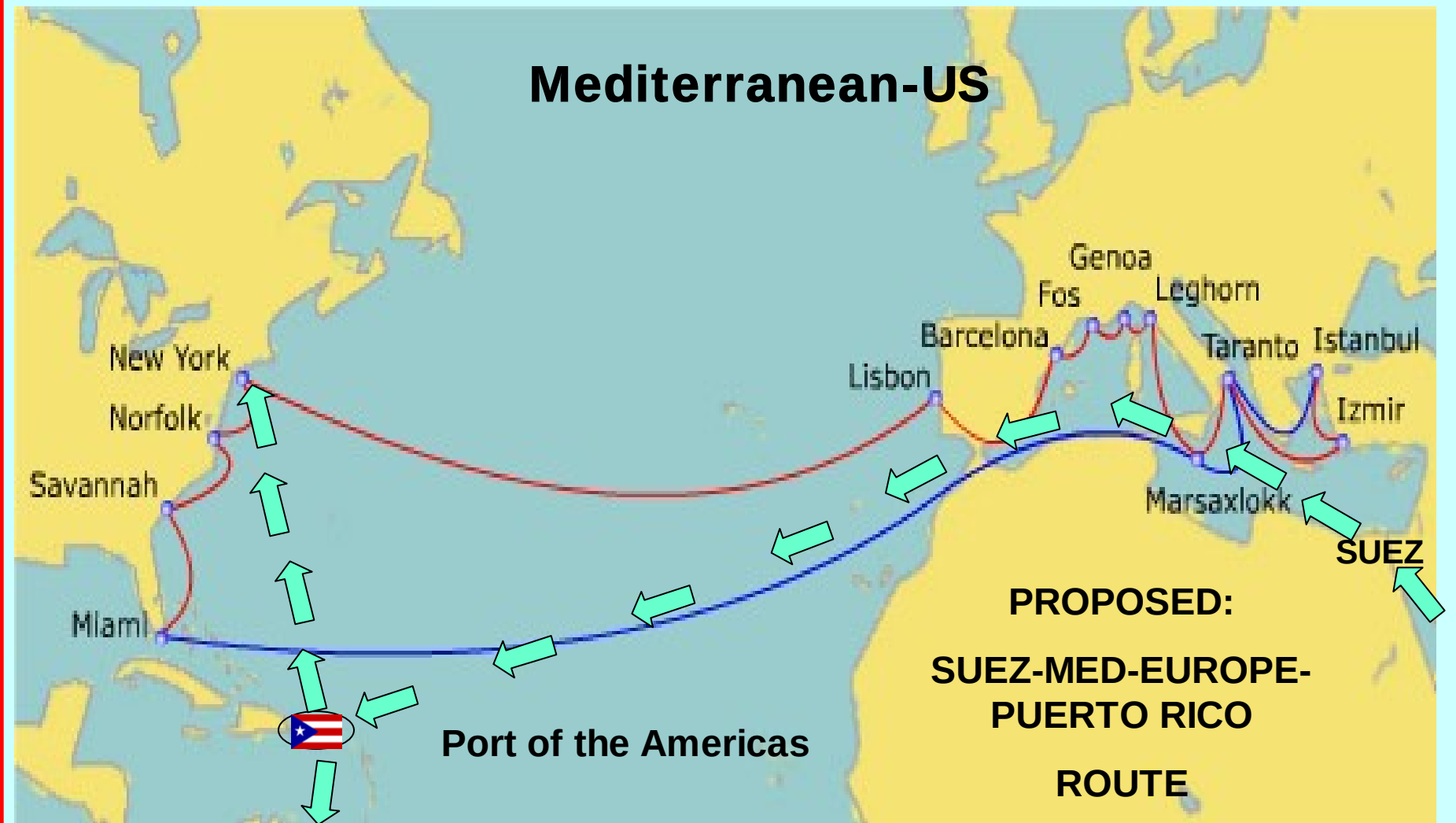
**SUEZ-MED-EUROPE-
PUERTO RICO
OPPORTUNITY**

US-South America





Mediterranean-US





Phase 1:

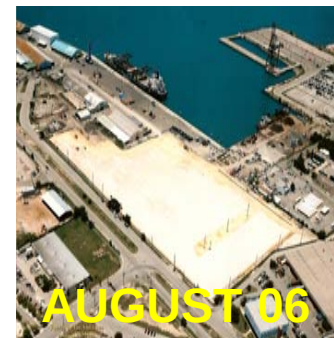
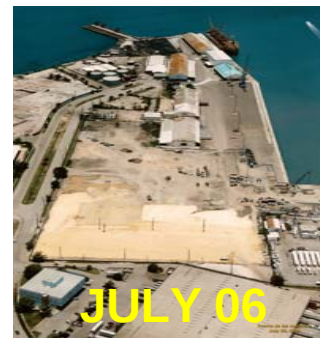
Constructora Santiago
URS
H2A Engineers
Geocim
Ing. Axel Bonilla
Gottwald

Phase 2, 3 & 4:

CSA
Suelos Inc.
Geocim
Iglesias Vázquez y Asociados
H2A Engineers
Ing. Axel Bonilla
Del Valle Group
Weeks Marine
Moffat & Nichol
USGS
APRO
GIZMO DIGITAL
Estudios Técnicos
Focus Communications
AFI-PRIDCO-DDEC-MAP



- Port Contingency to Puerto Rico
- Support PR Strategy of a Transportation Logistics Center
- Stimulate Economic Growth in the Southern Region
- Open opportunities to the International Hub
- Enhance Value Chain



The Port of Opportunities

