

PORT OF NEW YORK & NEW JERSEY RAIL FACILITY EXPANSION PROGRAM

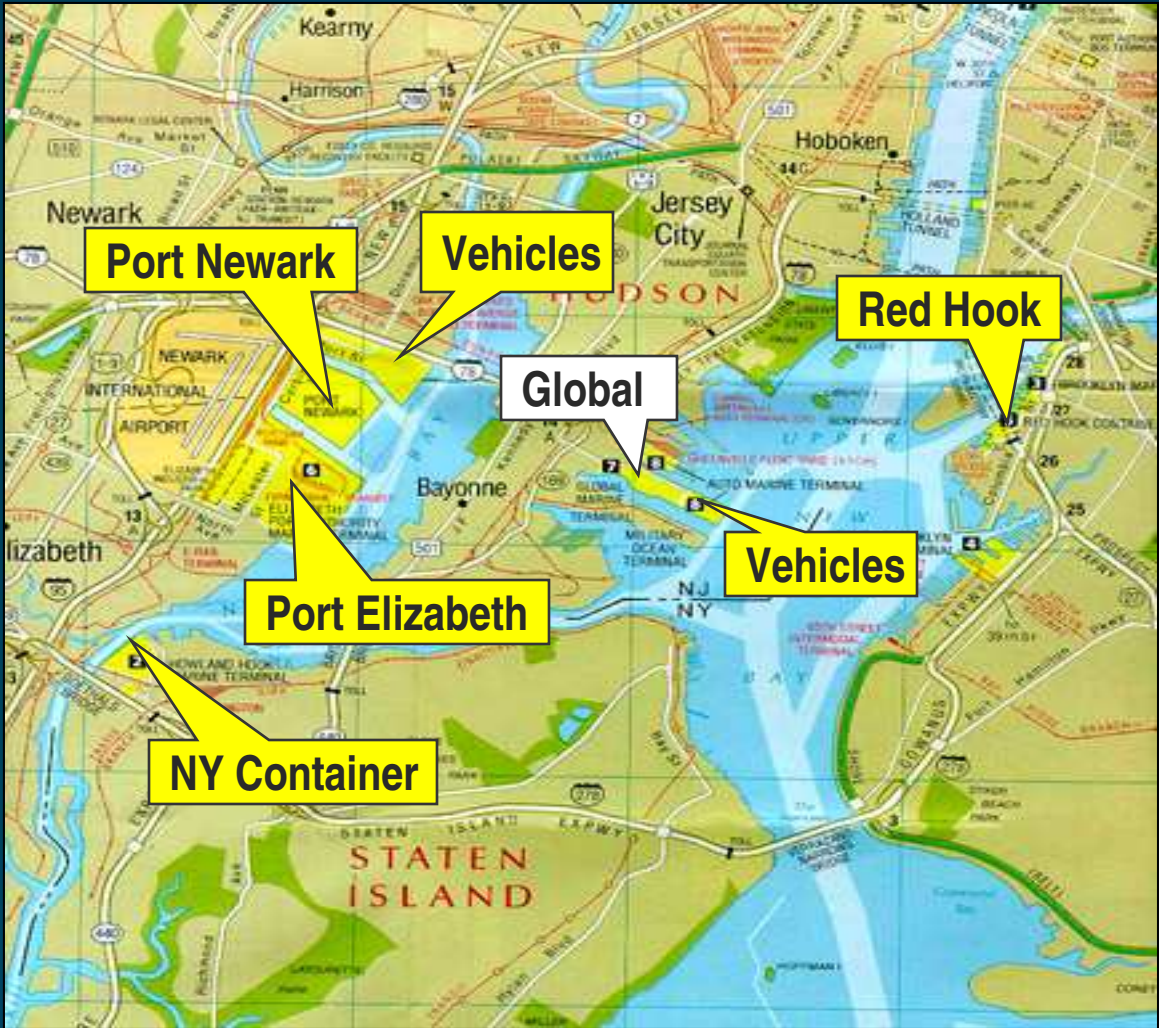
New England Rail Forum & Expo

March 28, 2006



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Port of NY & NJ Marine Terminals



THE PORT AT A GLANCE

Ranking (containers):

- Largest port on the U.S. East Coast
(58.4% North Atlantic market share)
- 3rd largest port in the U.S.
- 15th largest port in the World

2005 Trade Statistics:

General Cargo Tonnage*	28.1 million	+ 10.4%
Total Containers	2.8 million (4.8 Mil. TEUs)	+ 6.9%
Automobiles	722,411	- 0.9%

* metric tons



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Sources of Growth: Increased Market Demand / Shift of China and SEA Trade from West-Coast Ports to PONYNJ



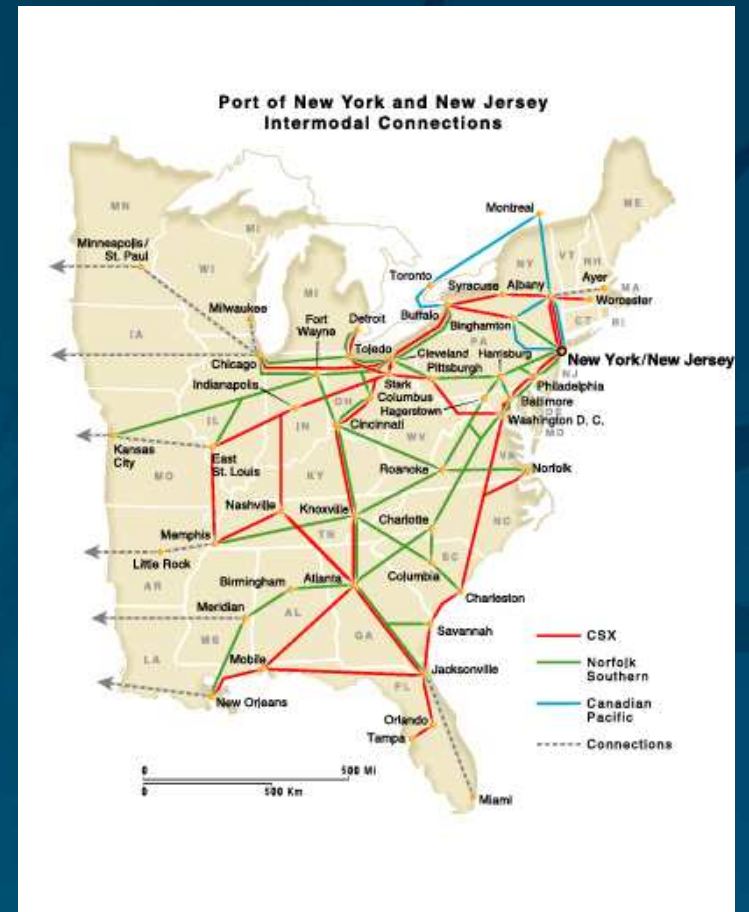
Port of NY & NJ – Inland Transport

- Trucks are the principal mode for the Port's local and regional cargo, handling nearly 85% of all containers due to the extremely large local market.
- Railroads are the principal mode especially to/from points around 400 miles away, handling about 14% of all containers.
- Barge or feeder ships currently play a limited role in container transport but should grow in the future.



INTERMODAL SERVICES

Three Major Rail Carriers



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Primary Rail Destinations Port of NY & NJ

Competitive rail service connects the port to inland markets

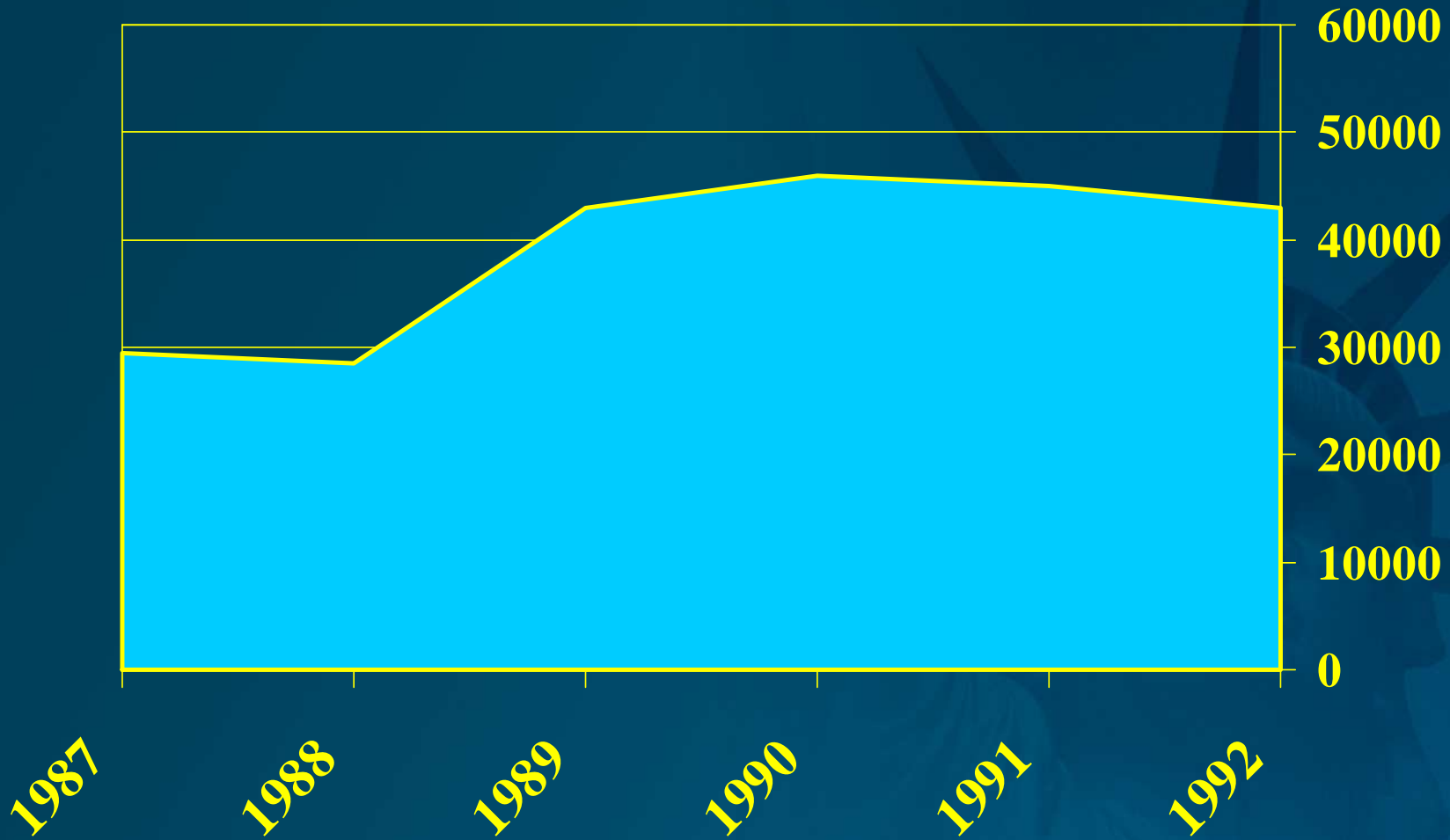
- Port of NY & NJ
- Major Rail Destinations



Port of New York & New Jersey Intermodal Rail Linkages



Port of New York & New Jersey Historical Intermodal Rail Volume – Annual Lifts



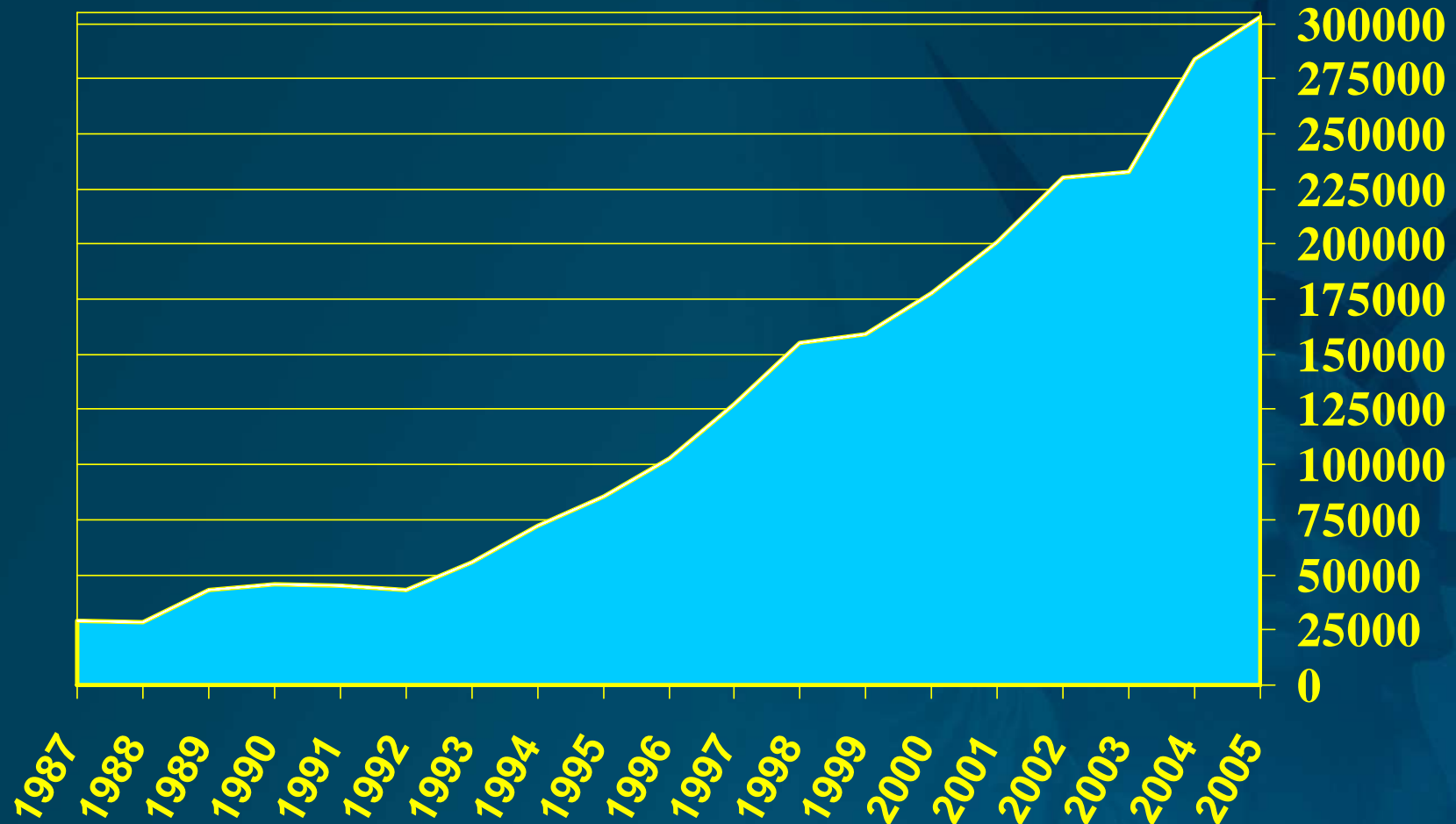
Port of New York & New Jersey

1991 – A Watershed Year for Rail Growth

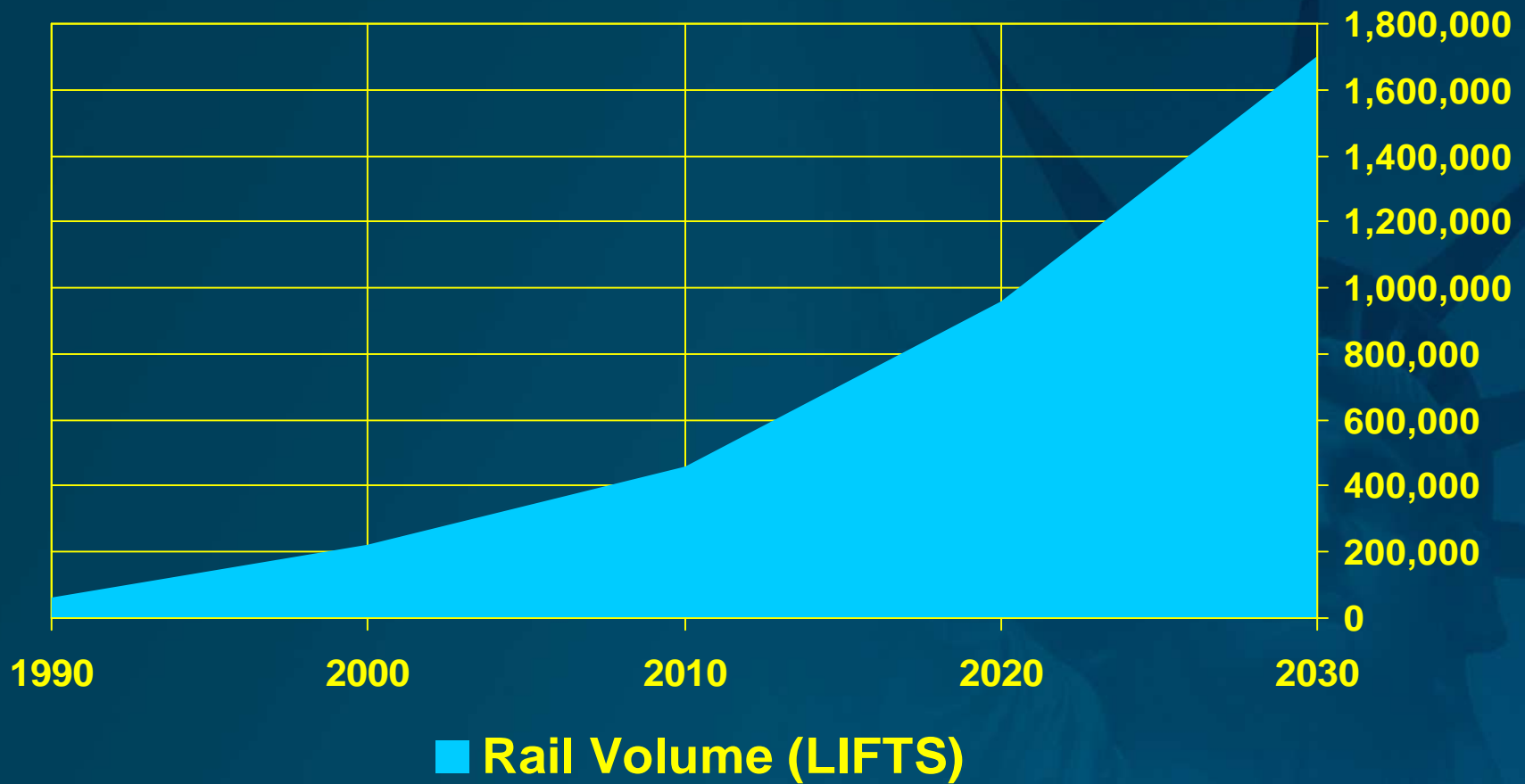
- **Daily doublestack service started**
- **Canadian Pacific acquired D & H – Canadian rail connection established**
- **Port charges reduced for inland movements**
- **First ExpressRail on-dock terminal opened**
- **Port Authority created new Intermodal Unit**



Port of New York & New Jersey On-Dock Rail Volume is Growing



Port of New York & New Jersey Projected Rail Growth



Port of New York & New Jersey

Reasons for Projected Rail Growth

Port Throughput is Growing

- **Global economy**
- **Increased demand for imports and exports**
- **Rail participates in port growth**
- **Increasing demand for rail transport**
- **Higher trucking costs**
- **More short-haul rail**



Port of New York & New Jersey

Advantages of Rail Transportation

- More port volume lowers cost per unit
- More port-related jobs
- Enhanced port competitive position
- Improved fuel efficiency vs. trucking (2 to 4 times more efficient)
- Environmental benefits (about 1/3 NO_x of trucks)
- Alleviates traffic congestion
(one train = 500 trucks)
- Safety, including hazardous materials transport



Port of New York & New Jersey Intermodal Rail Program

Dedicated Rail Terminals including:

- ExpressRail (APM & Maher - Elizabeth)
- PNCT Rail Terminal (Port Newark)
- Port Ivory (NY Container Terminal)

Intermodal Support Yards including:

- Corbin Street Yard (Newark/Elizabeth, NJ)
- Arlington Yard (Staten Island, NY)

Regional Rail Capacity Enhancements



Port of New York & New Jersey ExpressRail Intermodal System



ExpressRail Elizabeth New Terminal Opened October, 2004



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

ExpressRail Elizabeth Old Corbin Street Grade Crossing



New Jersey Marine Terminals Intermodal Rail Projects

2006

ExpressRail Port Newark Expansion

Corbin St. Yard First Phase

Portside Support Yard In Service

ExpressRail Flyover Track 2 in Design

ExpressRail Flyover Track 1 in Service

ExpressRail Elizabeth Expansion to 10 Tracks



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

New Jersey Marine Terminals Intermodal Rail Program

