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PORT OF NEW YORK & NEW JERSEY RAIL FACILITY EXPANSION PROGRAM

Transportation Research Forum

2006 Annual Forum

New York City



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

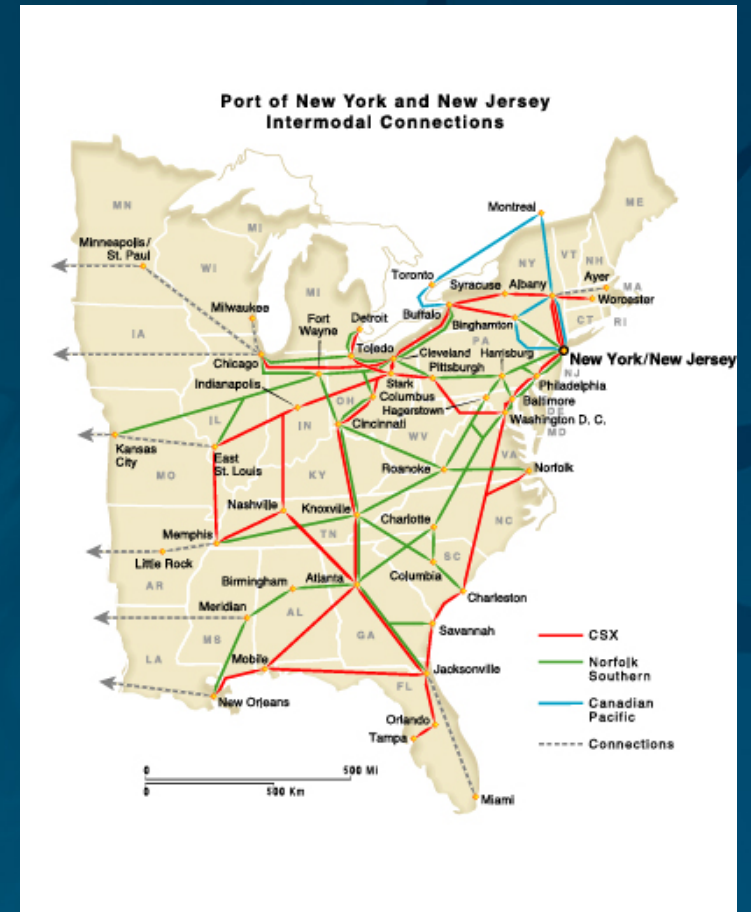
• General Cargo	28.1 million metric tons	+ 10.4%
• Containers	2.8 million (4.8 Mil. TEUs)	+ 6.9%
• Vehicles	722,411	- 0.9%



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INTERMODAL SERVICES

Three Major Rail Carriers



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Primary Rail Destinations

Port of NY & NJ

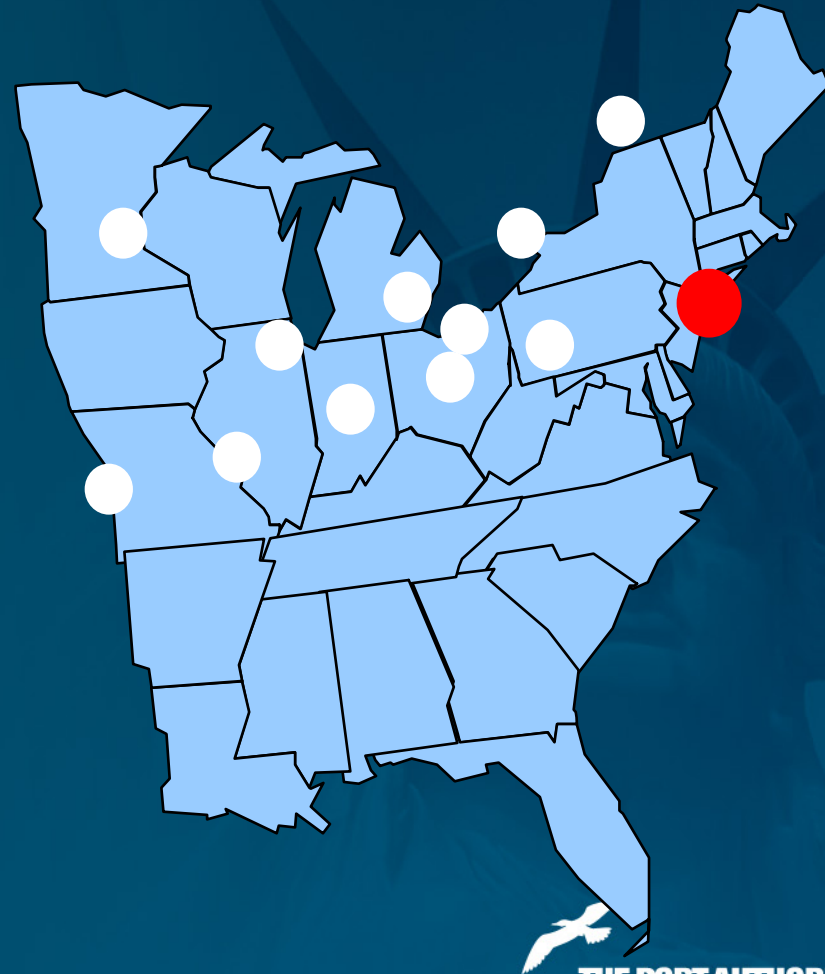
Competitive rail service
connects the port to
inland markets



Port of NY & NJ

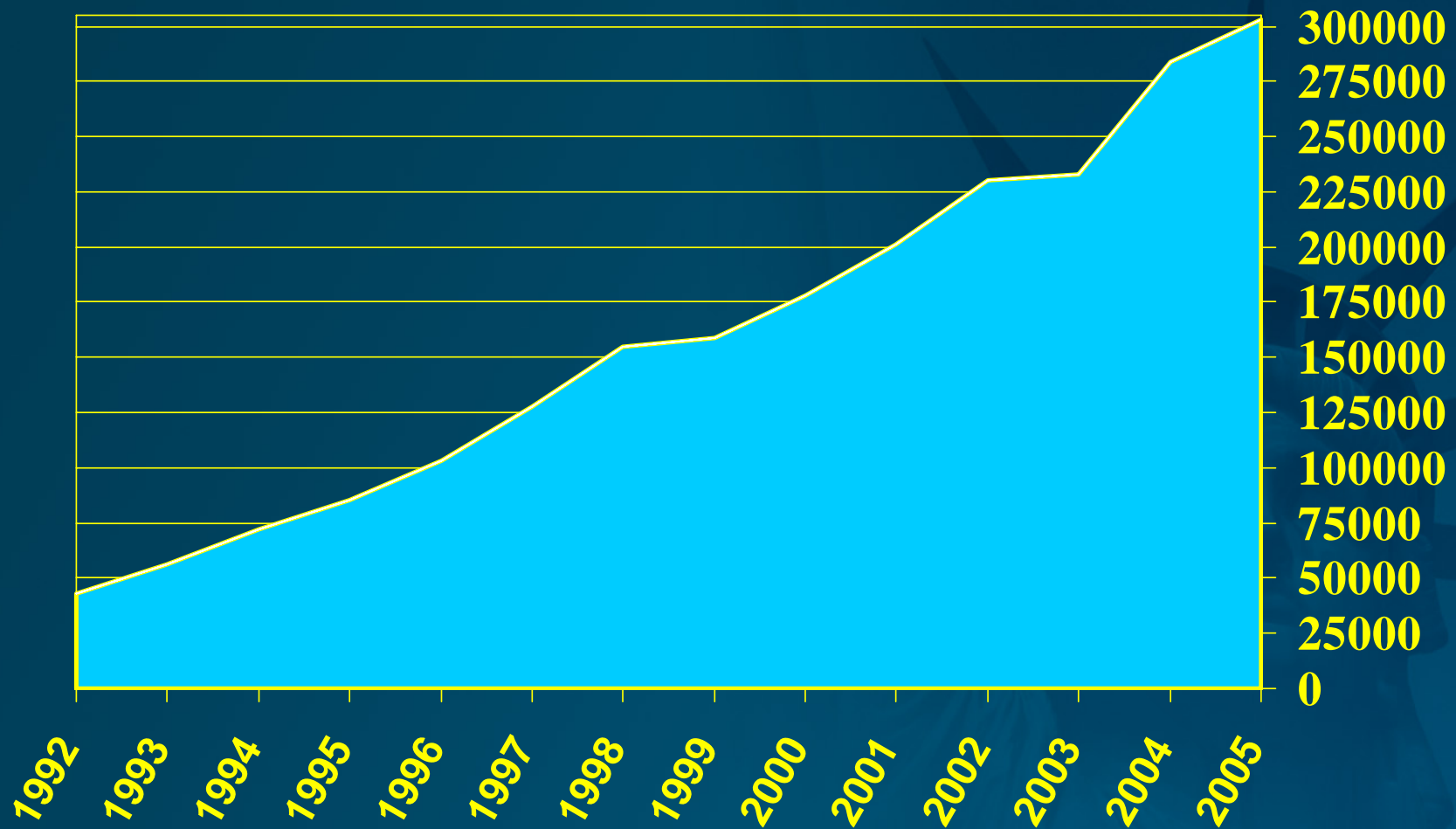


Major Rail Destinations



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Port of NY & NJ On-Dock Rail Volume is Growing



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Reasons for Projected Rail Growth

- **Global economy is expanding**
- **Increased demand for imports and exports**
- **Growth of direct water services from Far East**
- **Higher trucking costs (congestion, fuel, drivers) contribute to demand for rail**
- **Rail participates in port growth and is gaining share.**



ALL-WATER SERVICE IS GROWING

Far East and Southeast Asia to PONYNJ



Port of New York & New Jersey Intermodal Rail Program

1. Dedicated Intermodal Terminals

- **ExpressRail (APM & Maher - Elizabeth)**
- **PNCT Rail Terminal (Port Newark)**
- **Port Ivory (the New York Container Terminal)**

2. Intermodal Support Yards

- **Corbin Street Yard (Newark/Elizabeth)**
- **Arlington Yard (Staten Island)**

3. Regional Rail Capacity Enhancements



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Port of New York & New Jersey ExpressRail Intermodal System



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ExpressRail Elizabeth

New Terminal Opened October, 2004



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ExpressRail Elizabeth

Old Corbin Street Grade Crossing



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ExpressRail Elizabeth

New McLester Street Grade Crossing Separation



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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



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New Jersey Marine Terminals Intermodal Rail Program



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New York Container Terminal Intermodal Rail Project



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Staten Island Railroad

Arthur Kill Lift Bridge



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Staten Island Railroad

First Span of New Connector - Cobalt Blue



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Staten Island Railroad

Arlington Yard Construction



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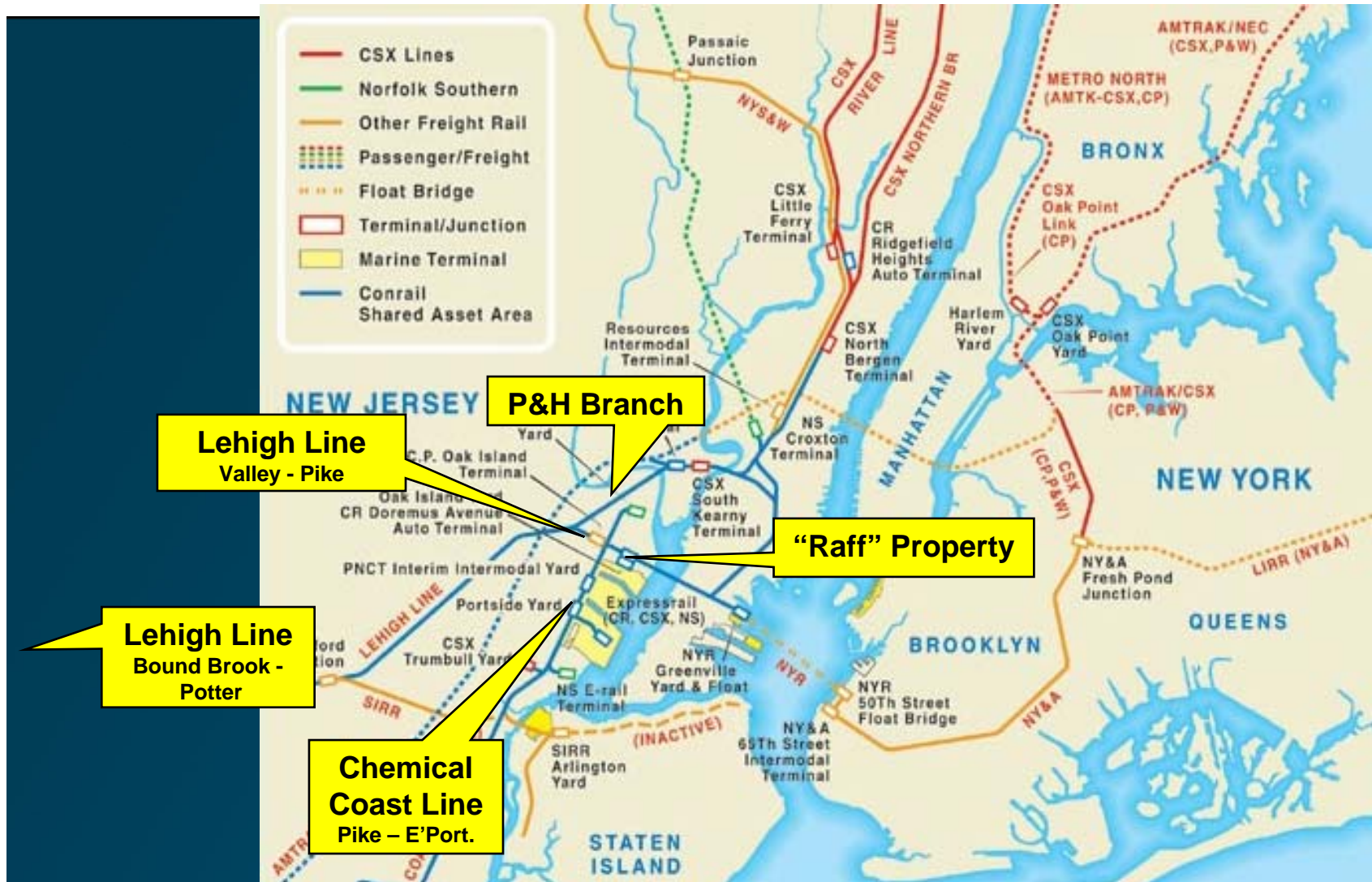
Port of New York & New Jersey

Intermodal Rail Linkages



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North Jersey Regional Rail Freight Program (Phase I: Port Authority – NJDOT – Railroads)



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What's Next for Rail?

Port Inland Distribution Network (PIDN)



Short-Haul Rail

Candidate Freight Distribution Clusters



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Port Inland Distribution Network (PIDN)

New Short-Haul Rail Services

Imagine the Possibilities



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Thank You



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