

THOUGHTS ON CONTAINER ON BARGE

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Can Marine Highways be a part of a Freight Strategy?

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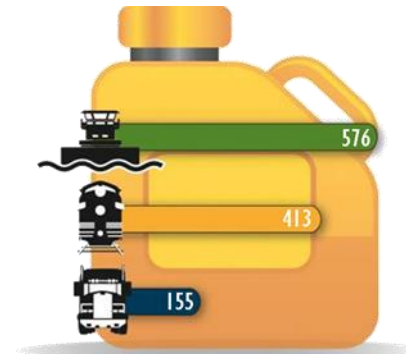
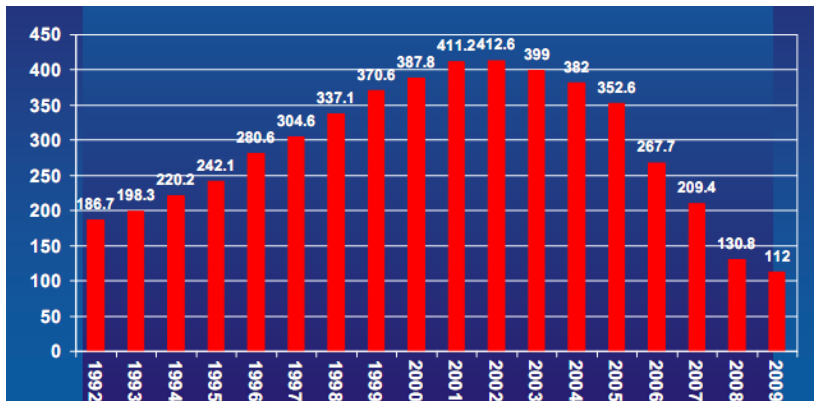
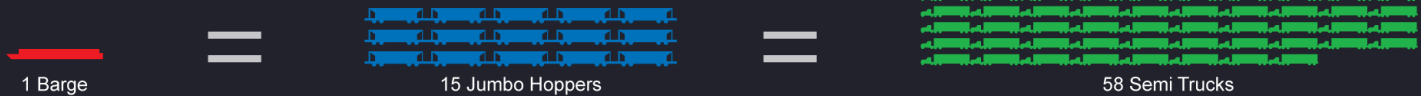
- Balance with international/ coastal flows
- Balance domestic flows
- Economic Development opportunities
- Recognize multimodal corridor tradeoffs exist
- Work with states/cities for truck congestion
- Multiagency planning, data, analysis

Does it seem like every water presentation sounds like..

- We are here
- It's falling apart
- We need money



Equivalent Units



Ton-miles Traveled per Gallon of Fuel

Does Waterway Commerce:

- ▣ Improve system efficiency
- ▣ Encourage freight mobility
- ▣ Support economic growth
- ▣ Connect to other modes
- ▣ Support future cargo or vessels



The Shipper

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- Demands low-cost, reliable service
- Mode and geographically neutrality
- Wants “just in time” services – does not want or care about your “problems” (carrier or infrastructure)
- Firms outsourcing the “Headaches” of logistics
- No one believes congestion will go away
- Often ignore primarily “freight” infrastructure beyond immediate facility

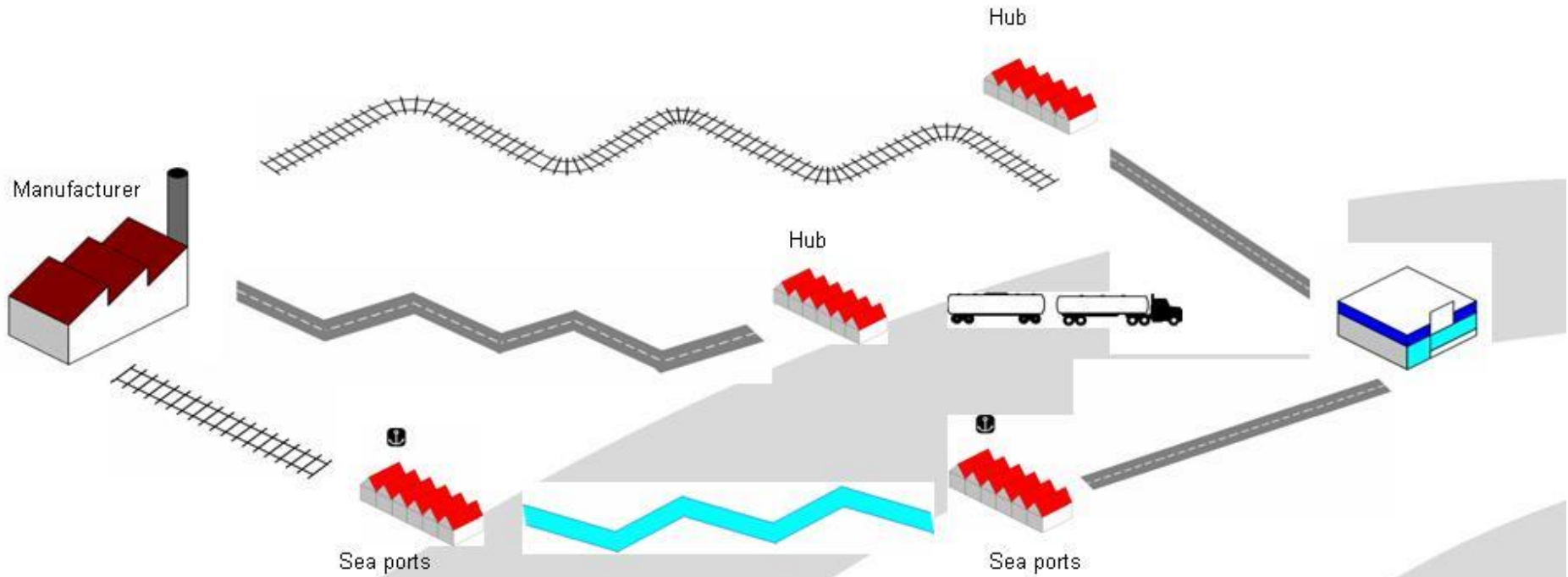
Some concerns

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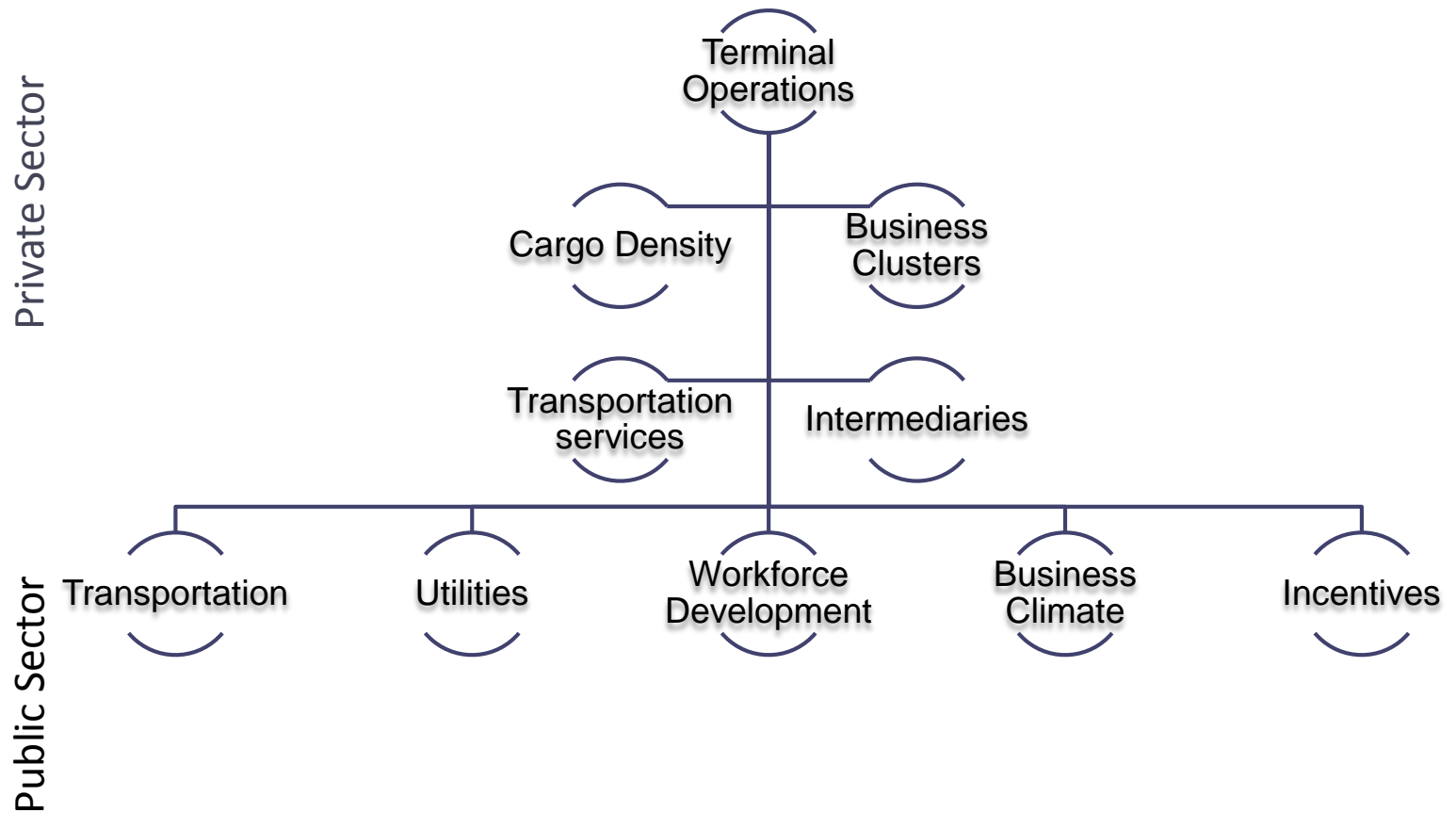
- Can firms adjust their supply chains?
- What is role of time?
- Can 3pls assist in this transformation?
- Time-cost dimension?
- Can carriers make money?
- Can we provide operating subsidies, incentives?
- Balance equipment



Comparability of transport modes



Who is Responsible for What?



3 REPORTS OF INTEREST

- NCFRP 32: Integrating MTS Commerce Data with Multimodal Freight Transportation Performance Measures to Support MTS Maintenance Investment Decision Making
- INLAND NAVIGATION IN THE UNITED STATES An Evaluation of Economic Impacts and the Potential Effects of Infrastructure Investment
- PIANC Performance Indicators for Inland Waterways transport User Guideline

Some Thoughts Concerning Promoting Waterways

- Demonstrate how it fits into certain elements of the supply chain
- Discuss relationship to controlling costs (empty moves/repositioning/inventory)
- Time is money
- Everyone should make or save money

Why Have Marine Highway Starts Been So Uneven?

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- Promotion
- Public Sector Funding
- Private Sector Operations
- Market realities
- Commitment