



Dale B. Lewis
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Professional Summary

Over 30 years of experience in Rail, Ship and Truck Transportation, with leadership roles in Operations, Planning, Marketing and Finance

Education: M.S. in Transportation, M.I.T. Center for Transportation Studies, Thesis Submitted 12/1994

Thesis Research: Mode-Choice Selection (Air vs Ocean) for High-Value Container Cargo

2015 – 2018

Independent research, teaching and consulting on Autonomous Long-Haul Trucking, LNG Adoption for Rail and Truck Freight, U.S. Port Expansion and Shipper Selection of DC Locations

1994 – 2015

VP Finance, AVP CSX Trucking, AVP Labor Strategy, AVP Positive Train Control PMO, Director of Economic Analysis and Director of Strategic Analysis for CSX Transportation

1978 – 1993

Over 3,000 days underway as a deck officer on boats and ships in the North Atlantic Ocean and Caribbean Sea.

Selected Research Areas:

- Operating Economics of Autonomous Long-Haul Trucks
- Economic Analysis of LNG Truck Competition for Intermodal Traffic
- Economic and Operational Analysis of LNG Fuel for U.S. Rail Locomotives
- Container Shipper Mode Choice and the Panama Canal Expansion
- Predicted Economic Impacts of Panama Canal Expansion on U.S. Intermodal Services
- Competitive Structure and Capital Requirements of Southeastern Container Ports
- Work/Rest Cycles for Locomotive Conductors & Engineers

Selected Public Speaking & Teaching:

- **Freight Transportation Module:** ESD.266 at M.I.T.
- **Economics of Autonomous Long-Haul Trucks:** M.I.T. Freight Lab Series, New Hampshire Freight Summit, NSF Autonomous Truck Working Group
- **Shipper Route Choice for Containerized Goods:** U.N.F., M.I.T., Ga Tech, Midwest Regional Trade Conference and others
- **Post Canal-Expansion Competition for Container Freight:** Distinguished Speaker Series, M.I.T., National Association for Business Economics and others
- **Economics of LNG Adoption by U.S. Railroads:** Federal Reserve Bank, High Horsepower Conferences, National Association for Business Economics, Jacksonville University and others
- **Railroad Labor Supply Strategies Under High-Attrition Stress:** Council of Supply Chain Management, M.I.T.
- **Pricing, Yield and Margin Management for Rail & Intermodal Transportation:** M.I.T.
- **Shipper Plant Locations and Mode Choice for Rail Conversion Projects:** CSX, M.I.T.