



SHORT SEA SHIPPING

the Maritime Alternative

Port Raritan and Short Sea Shipping: A New Way of Reducing Port & Highway Congestion Along the Eastern Seaboard

Skyrocketing fuel costs and increasing highway and railroad congestion are helping to drive a new, creative approach to merging the nation's transportation infrastructure into a true multimodal system: short sea shipping. Short sea shipping is the use of modern, compact ships and barges serving multiple small ports per trip to help move products more economically and to avoid land-based congestion. Short sea shipping has the potential to remove thousands of truck trips from New Jersey highways alone. The Raritan Central is planning to link this emerging maritime transportation system to the greater New York and New Jersey area through the rehabilitated dock facilities at Port Raritan.

Improving Marketplace Access

Port Raritan is a key component of the Raritan Logistics Center, a complete logistics and transportation hub located in the Raritan Center Business Park in Edison, New Jersey. The addition of a short sea shipping alternative to the logistics center will add flexibility and resilience to the area's entire transportation system. It will provide a new alternative to moving goods, attract freight from other modes, stimulate additional shipping, and reduce pressure on the other modes of transportation. It is anticipated that 1000 containers and 200 rail carloads will pass through Port Raritan every week. The new facility will also be able to improve access to inland logistical centers such as the Letterkenny Business Park in Chambersburg, PA, served by the Pennsylvania & Southern Railway, an affiliate of the Raritan Central.



Building a Maritime Highway

Port Raritan's ideal location and rail and highway connectivity will enable it to become a hub in the short sea shipping network. Through the use of this network, New Jersey industry as well as the larger international ports in



Newark and Elizabeth will be able to access markets throughout the East Coast, Canadian Maritimes, and Caribbean. Key facilities in the network include Davisville, Rhode Island; Boston, Massachusetts; Portland, Maine; Norfolk, Virginia; Charleston, South Carolina; Savannah, Georgia; and Jacksonville, Florida.

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Port Raritan and the Short Sea Shipping Network

The Advantages of Port Raritan

Port Raritan will have many features which will make it ideal as a short sea shipping hub. Its location on the Raritan River provides quick ocean access via the New York



and New Jersey Channels and Sandy Hook Channels. The design of the facility will be tailored to accommodate the type of vessels used in short sea shipping services. The new port will feature a 2,000' long, 54' wide wharf that will allow barges and coastal ships to load and unload quickly and easily. On-dock rail and convenient

highway access will allow barge/ship to rail, truck to rail, and truck to barge/ship services. The port will be equipped to handle containers, bulk goods, foodstuffs, and construction and building materials.

A successful short sea shipping port depends on reliable multimodal connections and extensive 3PL services to move and process shipments. Port Raritan will offer some of the most comprehensive services of any East Coast port. Goods and materials will be able to connect with the rail and highway transportation systems through the Raritan Business Park, a secure facility with over 2,350 acres, extensive 3PL services, direct interstate access, and 24/7 rail service with two class 1 connections. A planned daily rail shuttle between the Port of New York and New Jersey will be able to act as a feeder service, taking heavy international containers directly to Port Raritan for reloading and redistribution using short sea shipping vessels.

An Ecologically Sound Alternative

Port Raritan is a perfect example of how the transportation industry, local business, and state and federal government can work together improve the environment. The development of short sea shipping services at the port will represent a positive



statewide environmental benefit through reduced diesel emissions and greenhouse gases. Every barge or ship that is loaded or unloaded to or from a railcar at our self-contained operation results in the elimination diesel trucks from the road. The reduction of diesel truck traffic eases congestion and results in improved air quality for the residents of New Jersey. On a larger scale, it will be able to reduce truck trips destined to New England and the Mid-Atlantic states. It also eliminates the need for the costly and environmentally damaging expansion of highways and roads.

Ocean Access To/From Port Raritan



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