

Marine

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The Case:

Environmental regulatory compliance in the maritime industry is becoming increasingly more difficult as the implementation of the new emission standards and ballast water treatment enforcement becomes imminent. Shipowners, overwhelmed with the mountain of regulations, use NETSCo’s highly skilled team of engineers to address these complex environmental issues.

The Company:

Northeast Technical Services Co., Inc. (NETSCo) was formed in 1984 to provide engineering, design and consulting services to the maritime industry. Today, NETSCo is one of the most respected engineering firms in the United States, providing a wide range of naval architecture and marine engineering services in support of vessel design, construction, conversion, modification, operation support and FEA analysis. This includes detailed structural and mechanical system design, cargo securing and loading/unloading analysis as well as regulatory evaluation in support of class and flag/port state requirements. NETSCo goes beyond typical ship projects by providing naval architecture and marine engineering to marine terminals and facilities. Technical support and project management is provided by NETSCo through the design, construction and all the life cycle phases of both new and refurbished vessels. The team identifies and solves technical problems that support the design of a system, component or process appropriate to marine engineering operations. NETSCo conducts safety audits or provide hull mechanical and electrical inspections along with

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structural assessments for aging vessels or life extensions analysis. In addition, NETSCo can conduct surveys or marine forensic engineering services for pre-acquisition or accident investigations. NETSCo has written many application and installations guides, operation and technical specifications, and manuals for vessel operators. Currently, the NETSCo team is working on more than 30 BWMS engineering projects in varying stages of completion. NETSCo has strong working relationships with Alfa Laval, Ecochlor, Optimarin, DeNora and Hyde Marine as well as managing BWM installation projects with other treatment manufacturers. Also, NETSCo has been working on a transit and embarkation study of the American Waterways for a major cruise line operator. This study has comprised of water depth, air drafts and locks and dams transit analysis to assist with the design of the cruise ship and embarkment strategies for ports within the cruise route. www.netsco.us