



US Army Corps of Engineers

Institute for Water Resources

BUILDING STRONG®

Transportation Systems Program 120179 (GI) (2010)

Status: **Project Manager:**

In Progress [Ian Mathis](#)

Purpose: The Transportation Systems Program supports Corps Districts and Headquarters personnel in accomplishing their navigation project planning and evaluation responsibilities through the provision of integral information components. The process of planning improvements for waterway system and harbor navigation projects necessitates the consideration of the needs, opportunities, benefits and costs associated with placement of project improvements within the context of the project-specific area as well as within the context of the overall national transportation system. The Transportation Systems Program is managed by CECW-P and technically supported by CEIWR and is a continuous, on-going effort to ensure the development of viable and practical analytical techniques, sources of information, tools and methods; the development of deep draft and shallow draft vessel operating and replacement cost data which can be applied by District offices; the provision of timely updates on the world deep draft vessel fleet, commodity, and cargo flow forecasts; the publication of reports documenting the results of research associated with the Transportation Systems Analysis Program and relevant areas of the NETS Program; and the provision of technical services and support to District offices and Headquarters personnel.

Objective: The goals of the Transportation Systems Program are as follows: (1) to improve the technical quality and accuracy of navigation planning studies as well as provide consistency in analytical procedures and a technical basis for review across the wide array of planning conditions encountered by District personnel; (2) to improve the strategic planning of navigation system(s) improvements; and (3) to reduce the costs of analysis, planning and operation of the waterborne navigation system. These goals are accomplished by providing District and Headquarters analysts with useful and consistent information and analytical tools and procedures that result in end products which reflect responsible and worthwhile investment of Federal Civil Works funds.

Benefits: The Transportation Systems Program provides essential information for Corps planners and economists in developing navigation project economic benefits, including vessel operating costs and forecasts for trade, energy, agriculture and macroeconomic indicators.

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