



**US Army Corps  
of Engineers®**  
New York District

# **New York Harbor Anchorages**

## **New York & New Jersey**

### **Navigation Study**

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#### **FACT SHEET**

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**DESCRIPTION:** The Port of New York and New Jersey anchorages system includes the Red Hook Flats, Gravesend, Liberty Island and Stapleton anchorage areas. Our Reconnaissance Report, completed December 1993, identified a favorable improvement alternative for the Red Hook Flats consisting of deepening anchorage area 21C and a portion of anchorage area 21B, south of anchorage area 21A, to a depth of -45 feet Mean Low Water. The estimated cost for this plan is \$56,586,000, with an annualized cost of \$4,753,000, at a September 1993 price level based on a 50-year project life and 8.25% interest rate. Originally, annual benefits were estimated to be \$10M with net benefits of \$6M resulting in a benefit-to-cost ratio of 2.2-to-1. Further data analysis, however, has yielded a much lower BCR, and has therefore called to question the need for a project based on NED benefits. As the feasibility study concludes, examination of non-structural alternatives is underway, and a recommendation will highlight those that are technically feasible, economically justified and environmentally sound.

**AUTHORIZATION:** US Senate Committee on Environment and Public Works Resolution dated 5 December 1980.

**STATUS:** The District completed the Reconnaissance Report in December 1993, which is certified in accordance with Administration policy as of April 1995. Lack of project support from the non-federal sponsor, the Port Authority of New York and New Jersey (PA), delayed start of the feasibility study. In November 1999 the PA board of directors approved the expenditure of funds to cost share the feasibility study. The FCSA was executed in July 2001. The District is currently examining non-structural solutions and changes in the anchorage usage due to heightened security concerns. The United States Coast Guard has interest in the anchorages project for security purposes.

#### **STUDY COST:**

Estimated Federal Cost	\$ 800,000
Estimated Non-Federal Cost	\$ 800,000
Total	\$1,600,000

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