APPENDIX D: BROADWATER FILTER

Broadwater Vessel Arrival Data

The 2003-2005 vessel arrival data used for this report was taken from the Coast Guard MISLE Analysis and Reporting System (MARS) which extrapolates the data from the Advanced Notice of Arrivals information placed into the Ship Advance Notification System (SANS) and the Marine Information for Safety and Law Enforcement (MISLE) system.

The initial data set was generated on February 21, 2006 by navigating to the MSN Vessel Arrival cube under, Marine Safety / MISLE / MSN Vessel Information. This data set was then filtered down to only those arrivals for the Sector Long Island Sound area of operation by using SANS existing filtering process. The information was then converted into an excel spreadsheet and saved onto a local system for further processing.

Once converted into an excel spreadsheet the first step was to eliminate all data prior to 2003 and the data for 2006. Next a filter was placed on the arrival status column and delete those vessels that had canceled there arrival or had never arrived. As the focus of the data was for arrivals into Long Island Sound the data was scrubbed of arrival outside the target area, those included the following Arrival Ports as listed in the arrival port column:

Island Park
Montauk Point
Oceanside
Prot Chester
Offshore Lightering Area
Lighter Offshore

Next the port names were standardized and any arrival listed to a facility was changed to the appropriate port. The list of changes is as follows:

Name Listed in Arrival Column	Corrected Name
Bridgeport, Connecticut	Bridgeport
Gateway Terminal	New Haven
Getty Petroleum	New Haven
Groton	Groton/New London
Logistic Terminal	New Haven
Motiva Bridge Port	Bridgeport
New London	Groton/New London
Williams Pink Tanks	New Haven
William T-Docks	New Haven

Once compete the data was further broken down by year and U.S. / Foreign Flag. Once completed a series of Pivot Tables were used on the arrival port column and vessel type column to tabulate the data. Those tables were then consolidated into the tables contained in this report.