Damage," published in 1971 (NO. SSC-220). A 100 percent effectiveness ratio for operational spills, applicable to the PL/CBT and HBL measure on pre-MARPOL tank vessels, was used for this analysis because it was assumed they would use the CBTs, thereby avoiding the need to discharge dirty ballast from cargo tanks. Effectiveness ratios for each measure and a comparison between comparable deadweight ton double hull design are summarized in Table 9.

BILLING CODE 4910-14-M