



# Safety Bulletin EM 385-1-1

Mobile District Safety and Occupational Health Office  
**Perimeter Protection**

Bulletin 30-09

The 15 September 2008 Safety Manual (yellow book) is now in effect for most new contracts and government operations. Please note the changes for perimeter protection as stated below.

## 19.D MAIN DECK PERIMETER PROTECTION

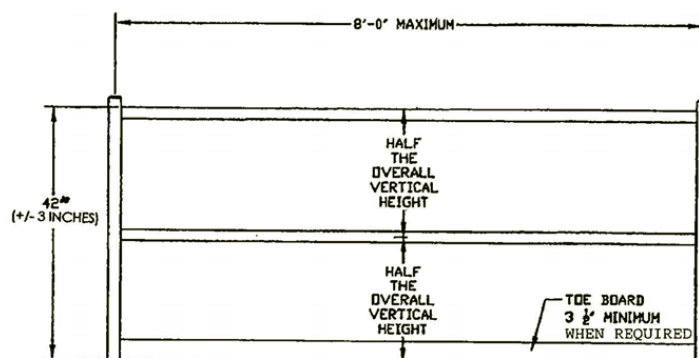
> **NOTE:** Existing main deck perimeter protection shall be retrofitted as needed to meet the design and construction parameters of this standard not later than March 2010.

> **NOTE:** New vessels built or purchased for USACE use shall meet these requirements upon delivery or prior to first use.

19.D.01 Main deck perimeter protection systems are intended to provide protection against falling overboard. Main deck perimeter protection is required on all manned vessels, except where excluded in Section 19.D.05. Unmanned vessels do not require perimeter protection, however, fall protection shall be provided where the vessel configuration and operation exposes personnel to falls onto a hard surface from vertical distances greater than 6 ft (1.8 m). The design parameters for the different types of main deck railing systems listed in this section are in Section 19.E unless otherwise noted.

a. Manned vessels are vessels that operate with crews, or quartered personnel, or that have work areas that are occupied by assigned personnel during normal work activities.

b. Unmanned vessels are typically those that carry cargo such as materials, supplies, equipment, or liquids, and do not have personnel on board except during loading and unloading and during short term operations such as tie-down, inspections, etc.



MARINE RAILING TYPE A, TWO TIER RIGID FALL PROTECTION RAILING