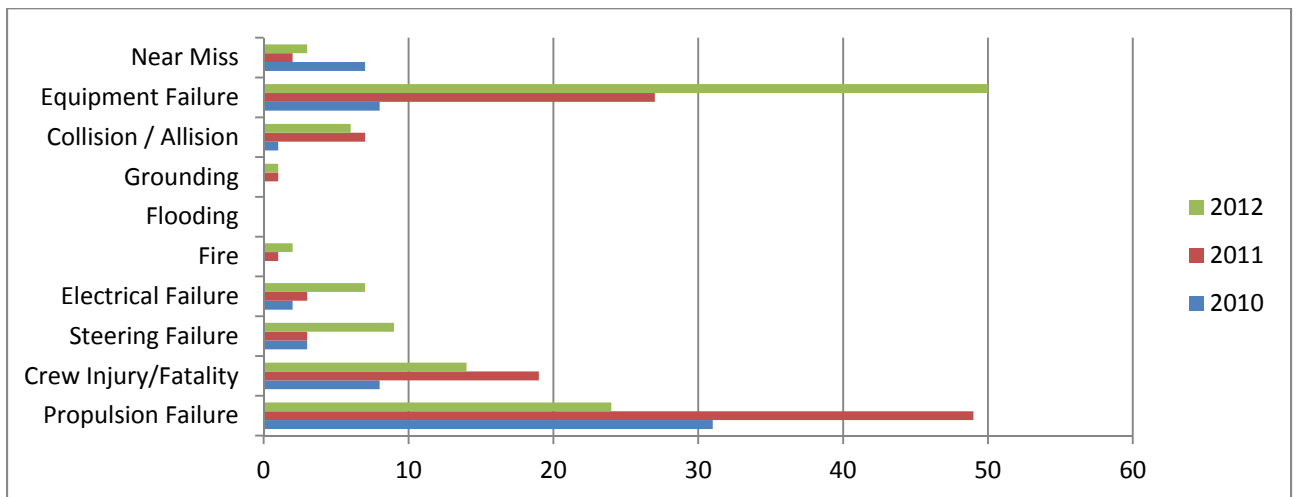


VII. HISTORY OF VESSEL ACCIDENTS, SPILLS, AND NEAR MISSES

A. CALENDAR YEAR 2012 RELEVANT CASUALTY CLASS TOTALS: This is not an exhaustive list of incidents. These are **deep-draft vessel** statistics only.

Propulsion Failure – 24
Crew Injury/Fatality – 14
Steering Failure – 9
Electrical Failure – 7
Fire – 2
Flooding – 0
Grounding – 1
Allision – 6
Equipment Failure – 50
Near Miss – 3

Note: Several incidents were classified as multiple casualty types.



NEAR MISSES: The LA/LB Harbor Safety Committee defines “near miss” as:

A reportable “Near Miss” is an incident in which a pilot, master, or other person in charge of navigating a vessel, successfully takes action of a “non-routine nature” to avoid a collision with another vessel, structure, or aid to navigation, or grounding of the vessel, or damage to the environment.

The most practical and readily available “near miss” data can be obtained from the Vessel Traffic Service (VTS) incident reports. The VTS, besides taking action to assist in preventing vessels passing too close together, documents and reports “close quarters” situations. VTS “close quarters” situations are described as vessels passing closer than 0.25NM (500 yards). These incidents usually occur within the Regulated Navigation/Precautionary Area. No reliable data is available for any other “close

quarters” incidents outside the VTS area. There were 3 “close quarters” incidents in 2012, and they are summarized below.

2012 Summary of “Close Quarters” Situations

# of incidents	Vessels Involved	
1	Large Vessel	Large Vessel
1	Large Vessel	Fishing Vessel
1	Tug and Tow (commercial)	Motor Yacht

B. OIL SPILLS: The following chart displays the number of oil spills. These oil spills range in size from a cup to those over 5,000 gallons. The causes of these spills are extremely varied and include incidents such as: recreational boats pumping oil from their bilge, oil platform and pipeline spills, fuel dock and bunking accidents, and large commercial vessels discharging oil-contaminated ballast water.

