In fuel distribution required maximally distribution, in order to avoid the loss of the cargo distributors, carriers and cargo recipient or consumer. High accuracy, knowledge of the cargo carried and strict monitoring is needed in every distribution process from the loading port to unloading port. However, in actual crew did not implement the appropriate procedure due to the lack of awareness of the crew itself. This is evident from vessels experience factor that’s show frequent loss. That loss also occurs in every distribution process with different percentages. This scription uses a mix method that aims to find cause differences the loss of cargo in every distribution and know how to reduce loss cargo and find out how much different loss of cargo. Sampling as many as 12 ports where the process of distribution, data collection through the translation of the value of the loss, documentation, direct observation and interviews. While the analysis and data processing using Microsoft Excel 2013 and Microsoft Word 2013.

From the analysis of the data showed that the lack of rigor from crew specially to chief officer in calculating the charge, the crew who do not closely monitor the process of loading and unloading of cargo and lack of understanding on the cause of the loss of cargo on the ship MT. Medelin West. Therefore, it is important for each crew to understand what’s cargo they brought, carefulness in the calculation and strict supervision in every distribution process in order to reduce the loss of cargo.

Keywords: Loss cargo, Crew vessel, distribution.