

Abstract in English

The scope of this work is to take a look at the quality of the drinking water that is produced on board merchant vessels and if this water also meets the strict requirements like those of the municipal water supply ashore.

The different rules and regulations that are enforced by different organisations as well as the different techniques that are used to create drinking water from seawater are discussed. In addition I'll also take a look at the alternatives that can be used to provide the crew with fresh drinking water.

Also the health regulations and health risks that occur when drinking water that is produced out of seawater are discussed.

Finally a survey was conducted to take a closer look at the mentality of the seafarers and how they stand against drinking tap water on board their vessel.