

# **DESIGN OF A REFRIGERATED SEA WATER SYSTEM**

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## **ABSTRACT**

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This report explores the design of a Refrigerated Seawater system to be used by fishermen to chill their catch, in order to prevent spoilage caused by bacterial action. The design objective of the project was to come up with an economical and reliable system, which requires less maintenance and is easy to operate. Details of the working principles are included with accompanying illustrations. Methodology used in the calculation of heat load and selection of the main components are given in detail.