

♦ ROTA®





The ship recycling industry carries specific risks in terms of worker safety and environmental hazards. However, as the **Rota Shipping** family, it is our first goal to eliminate all risks by fully and effectively operating our inspection mechanisms in accordance with international standards.

Our company is a "bridge" between ship-owners, brokers and ship recyclers. For this reason, we see the people and organizations we do business with as a part of our family, not as "counterparties" or "customers". This vision is a necessity for us to make our route "Safe and Simple" from our perspective.

Today, **Rota Shipping** is one of the leading organizations of the ship recycling industry.

We will be pleased to see you with us.







Air, water and soil are indispensable elements of our nature. By polluting these elements that make up the environment. We risk the future of our life. Now and next generations will be able to breath fresh air, drink healthy and clean water. It is necessary for us to know our responsibilities and behave accordingly to obtain fertile crops from the soil.

Like everyone who is thinking of the future, we as Rota Shipping family are making great efforts to keep our planet clean and safe. We have a corporate responsibility to protect our nature and we will continue our work without compromising our environmental awareness.



SAFE & SIMPLE ROUTE OF SHIP RECYCLING











SHIP RECYCLING

Ship Recycling sector has been serving in scope of a natural technological process reducing the shipping risks in terms of withdrawal of expired ships from navigation and release the new ships in tonnage built with the latest technology and environmentally-conscious.

As long as the ships are built in the shipyards, ship dismantling places should be made available for the expired ships. Over 50.000 ships are currently available in circulation in our seas in the world trade. The average age of these ships is above 20. It is obviously known that the ships over the age of 15 has rather high risk to cause the accidents resulting in environmental disasters.

By virtue of new standards applied and to be applied along with the years, the ships which are built with old technology, non-environmentally friendly and inefficient have been started to withdrawal thus it leads to great steel waste to be recycled.

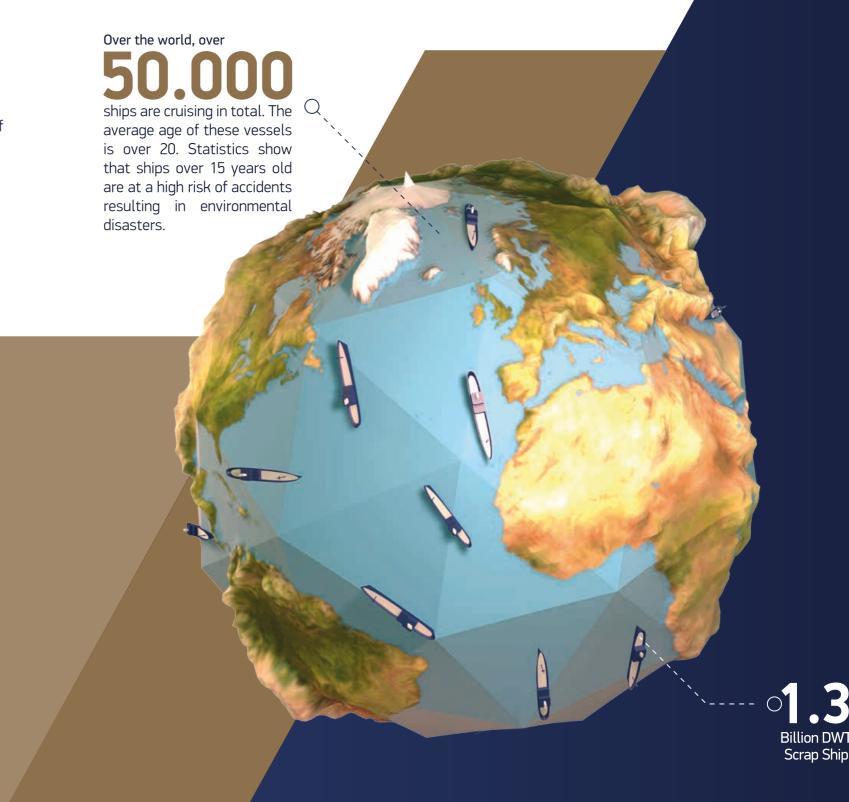
However, this big quantity of steel should be recycled complying with the requirements of the environmental and human health otherwise the tragic results for the environment and human health will be inevitable.

The main objective in the sector is to recycle the scrap steel, ship equipment, metals and other waste without any harmful effects on the environment and human health.

GENERAL DESCRIPTION OF SHIP RECYCLING

Ship Recycling is the inverse of shipbuilding process. During the dismantling of scrap ships, metal materials are sent to Rolling mills or evaluated directly. Ship Recycling is an important production in terms of converting the scrap into precious product and recycling of natural resources. On the other hand, ship recycling is deemed as one of the industries that cares and takes all measures to protect the environment. By the purpose of using the natural resources efficiently and productive, the scrap ships are dismantled and a variety of products is obtained from various scrap pieces after a number of technical processes.

Ship recycling that has been playing an important role in the protection of ecological balance is called as "green industry" adopted by IMO World Maritime Organization. It is obviously known that ship recycling provides more savings in energy and costs and leads to lower pollution in environment when compared to iron mining including melting and milling processes.



To Produce 1 Ton of Steel from Iron Ore:



The alternative production method of steel that has been produced from the scrap ships is to produce from the iron ore. First, the cast iron has been obtained from the high temperature kilns then converted into steel through the converter process.

Three raw materials are used essentially in the production of cast iron in high temperature kilns, e.g. Iron ore, Coking coal and Limestone. Each of these three raw materials are obtained from the ground quarries leading to surface damage of large areas in the ground.

Coking coal is obtained from transformation process of anthracite coal. Coking coal is turned to partially carbon dioxide and partially to iron carbide however this iron carbide is also turned to carbon dioxide and released in atmosphere during the steel production process.

Steel production from the scrap iron is deemed as an environmentally friendly technology since such harmful processes towards both environmental pollution and greenhouse gas emission are removed completely.







1 TON



500 kg LIMESTONE



3.5 TONS
OXYGEN GAS



1800 MJ

Harm to the Environment as a Result of This Production;



2.2 TONSDROSS



1 TON



1.5 TONS



DISTORTEDSOIL and VEGETATION

Energy Savings by 74%, Raw material protection by 90% Less Water Consumption by 40% Less Waste water pollution by 76% Less Air pollution by 86% Less Mine waste by 97%.

The detailed numbers of recycling mine, scrap, equipment as well as evaluation of wastes to prevent the consumption of natural resources are explained in the Annual Tables of Waste Data.









HOW to **SELL?**

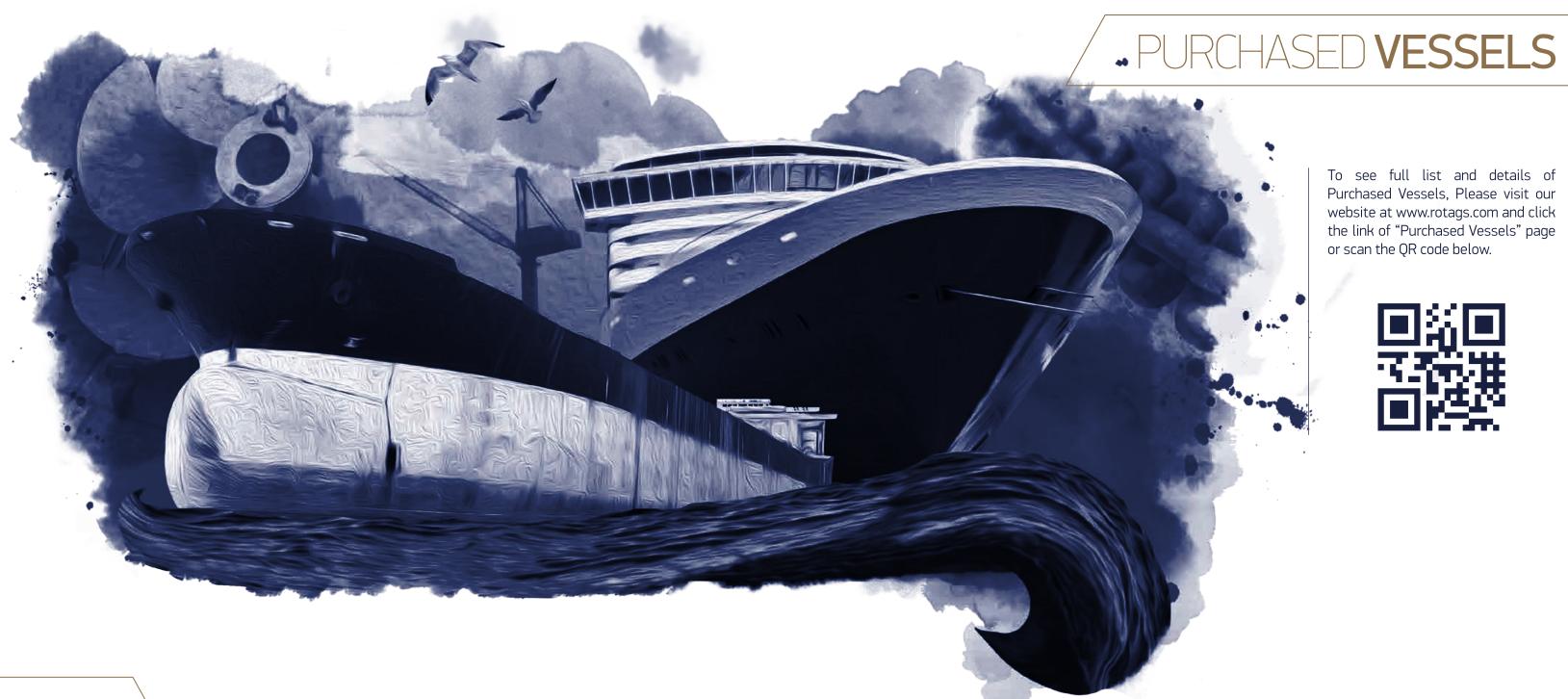
This article is written, in order to guide the ship owners who, want to sell their scrap ships for recycling. The information regarding the scrap ship sales has been categorized in three topics as follows;

1 - Get To Know Your Ship.
2 - Your ship's delivery location and condition.
3 - Pricing Strategy - to determine the correct price and Buyer.

To read the rest of the article, please visit our web site at www.rotags.com and click the link of "How to Sell" page or scan the QR code below.







To see full list and details of Purchased Vessels, Please visit our website at www.rotags.com and click the link of "Purchased Vessels" page or scan the QR code below.







Design & Concept

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