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interview

Dr. Stephen Payne, the naval architect and chief designer of Queen Mary 2, shot to fame after fulfilling his childhood dream. Stephen was the vice president of Carnival Corporate Shipbuilding till 2010 and served the company for 26 years as the designer of many of their ships. In this interview Stephen shares his experience in designing the Queen Mary 2, and his predictions on the future of the shipping industry.



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feature

In a six minute film, Rolls-Royce presents a vision of the future in which a small crew of 7 to 14 people monitor and control the operation of a fleet of vessels across the world. The crew uses interactive smart screens, voice recognition systems, holograms and surveillance drones to monitor what is happening both on board and around the ship.



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The goal of year-round traffic through the Arctic is now one step closer with the advent of the biggest, most powerful ice-breaking LNG carrier. Innovations like this are just the start of an Arctic technology revolution set to ripple throughout the wider shipping industry.	
autonomous sphere garden	18
The autonomous hollow sphere grows a garden inside by rolling itself.	
perfectly-shaped roses	26
Special machinery is required to bring paste-like materials such as marzipan into the required form. A company produces complex rolling tools, using machine tools equipped with a state-of-the-art CNC.	

history - the sinking of the titanic

At 2:20 a.m. on 15 April 1912, the British ocean liner Titanic sinks into the North Atlantic Ocean about 400 miles south of Newfoundland, Canada. The massive ship, which carried 2,200 passengers and crew, had struck an iceberg two and half hours before.



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inventions - Thomas Edison

Thomas Edison is one of the most famous inventors in the history of the known world, and you probably are familiar with many of his inventions like the light bulb or the modern electric power system, but there's a lot more he did that you may not know about. Here are some of his most unknown, yet important inventions.



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technology

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Hydraulic Engineering, Wasser-
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Here's a fine lesson in scientific
objectivity. It's an old book about
the Titanic. Experimental science
is the business of sorting out the
things we see. This book is dated
May 13, 1912. That's a scant 33
days after the Titanic sank.

worldwide

business partner spain 38
Good, effective communication is
always an important element of a
successful business encounter. This
article focuses on those aspects of
communication that are essential,
mainly during the initial phases of
an encounter.

topic 20
The efforts of teams often produce
far greater results than individual
efforts. Teams are generally more
productive and their work can
lead to the creation of valuable
new products. However, groups
can also encounter difficulties.

travel 40
China. Despite the fact that it
seems to be in the news almost
every day of the week, China -
impossibly vast and fascinatingly
diverse - remains a travel desti-
nation with an unquestionable
mystique.

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