

CENTURY OF STEAM VESSELS

Progress Made from the Day of the Clermont of the Ocean Hotel.

GROWTH OF NAVAL ARCHITECTURE GREAT

Types of Vessels Which Tell the Story of Steam Navigation in the Hundred Years Since Fulton's Boat.

NEW YORK, May 25.—It will be 100 years on August 7 next since the Clermont, the first practical steam vessel, made its maiden voyage from New York to Albany.

The Clermont was 136 feet long, eighteen feet broad, seven feet deep and of 190 tons displacement. The diameter of its wheels was thirty-five feet.

In 100 years the steamship has very nearly driven the sailing vessel off the seas. When Fulton first suggested the idea he was laughed at.

When it was suggested that steamships would cross the western ocean the idea was said to be senseless and before the Savannah, the first turbine-driven vessel of the Cunard line, which made its first voyage across the ocean early this summer.

It measures 700 feet from end to end. Its beam is eighty-eight feet. It displaces 4,500 tons and its turbine engines will develop 10,000 horse power, which it is expected will drive the vessel at the rate of twenty-five nautical miles an hour.

At this speed it will make the trip from Queenstown to this port, which is about 2,800 miles, in four days, sixteen hours. The fastest trip hitherto made was by the Lusitania, five days, seven hours, twenty-three minutes.

The Lusitania is to make 35 nautical miles, or 37.5 statute miles, an hour. The Clermont for thirty hours averaged five miles. There have been steam vessels of about the same size as the Clermont that have made between 35 and 40 miles an hour.

Sir Hugh Bell, president of the Iron End Institute in London, recently predicted that within the next century vessels would cross the Atlantic propelled by wireless, and that power would be transmitted from Niagara falls.

sailing vessel, finally being wrecked off the south coast of Long Island. The Enterprise, a British vessel 122 feet long, went from Calcutta to London in 113 days, ten of which were spent in stoppages.

The Great Western was 28 feet long over all and 25 feet long on the keel. Its breadth was 35 feet and draught 16 feet 8 inches. It displaced 2,300 tons.

The Sirius was a much smaller vessel. It had been built to ply between London and Cardiff and displaced only 700 tons. The Great Western made the voyage in fifteen days. It averaged 28 miles a day and its highest run was 27 miles.

The Sirius was withdrawn from the service and its place taken by the British Queen, a vessel that cost \$450,000 to build exclusive of its machinery, which cost \$120,000.

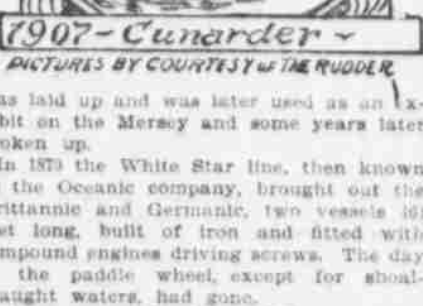
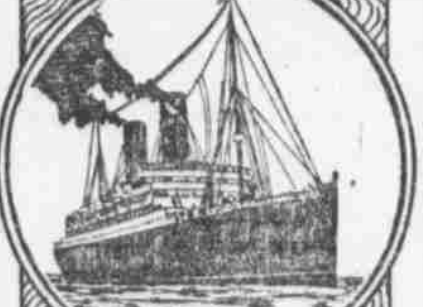
Builders then tried to outdo each other in the size of the vessels they turned out and many costly experiments were made. The Cunard line was established, and the early vessels of that line were similar in type to the Great Western, being about 25 feet long and having side wheels.

Builders experimented with iron vessels and several small ones were constructed and they were successful. Experiments were made with screw propulsion. The Cunard line was followed by the Collins line and the Inman line, and in 1850 the New York and Havre Steamship company and the Vanderbilt line were established.

The first steamship to go out on the ocean was the Phoenix, a queer looking craft, but a marvel in its day. It was built by Fulton in 1807 and made a trip from New York to Philadelphia, starting on June 8 and arriving at its destination on June 17.

From the Clermont steam navigation began to be a success. Other vessels followed and in improvements in model and in machinery speed was increased. The engineers then used steam as an auxiliary to a large extent and sails were carried on all vessels and used whenever possible.

It was built as a sailing ship to ply between New York and Savannah and was launched at Corlears Hook, New York, on August 22, 1818. It was then purchased by some Savannah merchants and fitted with steam machinery and paddle wheels.



was laid up and was later used as an exhibit on the Mersey and some years later broken up. In 1873 the White Star line, then known as the Oceanic company, brought out the Britannic and Germanic, two vessels 163 feet long, built of iron and fitted with compound engines driving screws.



When Doctors Dine Together Is it coffee? Is it tea? No! Seldom indeed do they use these evil drugs. They know that they destroy digestion—weaken the nerves—encourage insomnia. The vast majority of physicians prefer pure malt and hop beer at meals, such as GUND'S PEERLESS Beer.

SPRY AT 111 IS DIAMOND

He Has Lived in Three Centuries and Still Likes Fun. CAN RIDE A BICYCLE, PEDDLE BOOKS. Looks Younger Now Than He Did Forty Years Ago—His Rules of Diet for Those Who Would Live Long.

BERKELEY, Cal., May 25.—There are old men and old men, and Captain Diamond D. Diamond of Berkeley, who confesses coyly to 111 years, is an old man who is able to do this. Captain Diamond's friends are now watching the Sunday school picnic calendar to see what picnic he will attend next—for he went to one the other day and had as much fun with the girls as any young fellow of 30 or 40 years could have.

Quaker Maid Rye

Three Gold Medals. A POINT OF ETIQUETTE. When a gentleman says: "What will you have?" It is good form to reply: "Quaker Maid Rye." "The Whiskey with a Reputation." For sale at all First-class Bars, Cafes and Drug Stores. S. HIRSCH & CO. KANSAS CITY, MO.

within the roped line. His skin is as clear, his eyes as bright and his step as elastic as those of the average sound and healthy man of 50. Pictures taken of him during the civil war really look older than he does today. He says that during the war he was unable to regulate his diet and his habits as he wished and that his health suffered in consequence.

Removed to New Location. Omaha Van & Storage Co. 1609 Farnam St. Moving and Storage of Household Goods and Pianos.

Uncle Joe on Himself. Speaker Cannon's autobiography in the congressional directory takes up only eight lines. There are not a few members who fill nearly an entire page with their sketches. Of course, they are not the speaker and are not likely to be so, according to the Village, they have to tell who they are.

Activities of Weir Mitchell. Dr. Weir Mitchell finds writing his chief pleasure and he is always working at it and thinking about his books up in the Canadian wilderness at Bar Harbor or amid all the demands of his profession in Philadelphia.

A Schurz Story of Lincoln. In the last installment of Carl Schurz's "Reminiscences" in McClure's, this incident is told: One of the many foreigners who sought my intercession was a young German count, whose identity was vouchered for by a member of the Prussian legation.

Letter's GOLD TOP The Perfect Beer Commands Attention. Because of its purity, healthfulness and unsurpassed flavor. The lady with a case of GOLD TOP is always prepared for unexpected guests, for what could be more welcome than a glass of cool sparkling foam-crested Gold Top. We will send a case to your home. Letter Brewing Co. Omaha, Neb.