

This Day in History... August 2, 1873

San Francisco's First Cable Car

On August 2, 1873, Clay Street Hill Railroad inaugurated San Francisco's now-famous cable car system.

The city of San Francisco, California, is known for its steep hills. In the early days, horses pulled streetcars up and down the slopes, which was very hard on the animals. British-born San Franciscan Andrew S. Hallidie felt great sympathy for these horses and sought a better way to transport people around the city.



1988 Cable Car stamp from the Transportation Series



Cable Car imperforate error pair

In years prior, attempts at creating a cable-run train had failed in both London and New York, and were eventually replaced with steam locomotives. Hallidie's work was the manufacture of wire cable, so it was only natural that he invented the cable car as a solution to this problem.

With design assistance from William Eppelsheimer, Hallidie patented his cable car design in 1871. Hallidie's cable car was propelled by gripping a continuously moving cable that ran under the pavement. Although similar in principle to a ski lift, the cable car was able to connect and remove itself from the line as needed.

Two years later, Hallidie was ready for a trial run. The maiden voyage was held on August 2, 1873. Hallidie operated the cable car himself, down and back up one of the city's steepest hills with no problem. The 2,791 foot-long track moved the car at just four miles per hour. Passengers took eleven minutes to travel that distance. The world's first successful cable car line began regular service one month later.



From the Historic Preservation issue

After that first successful run, the number of cable cars increased until they became a symbol of the city. Hallidie's Clay Street Line would remain in operation until 1942.

Soon cable cars became popular in many cities. Over time, buses and cars have taken over much of their usefulness. However, the steep hills of San Francisco are still traveled by about 40 cable cars on three lines.

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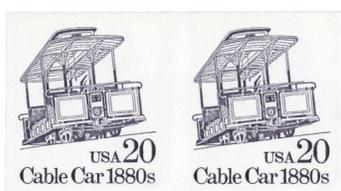
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