

EMBARGOED UNTIL TUESDAY, APRIL 8 AT 8 AM PT/ 11 AM ET / 4 PM UK Time

NEWS



NATIONAL GEOGRAPHIC REVEALS GROUNDBREAKING UNDERWATER SCAN UNVEILING TITANIC IN UNPRECEDENTED DETAIL, CHALLENGING LONG-HELD THEORIES AND PRESENTING FRESH INSIGHTS IN UPCOMING DOCUMENTARY SPECIAL
TITANIC: THE DIGITAL RESURRECTION

Exclusive Access to State-of-the-Art Technology Preserves Titanic Wreck Site for Future Generations, Marking a New Era in Underwater Archeology

The 90-Minute Special, From BAFTA Award-Winning Atlantic Productions, Premieres April 11 at 9/8c on National Geographic and Streams the Next Day on Disney+ and Hulu

More on this Exclusive Story on [NatGeo.com](https://www.natgeo.com)



Trailer: <https://www.youtube.com/watch?v=Ywm0RERswmY>

Extended Clip: <https://youtu.be/i1uFsuShzB8>

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(WASHINGTON, D.C. – April 08, 2025) April 14 marks the 113th anniversary of the R.M.S. Titanic’s sinking—an event that has fueled global fascination for over a century. National Geographic presents **TITANIC: THE DIGITAL RESURRECTION**, a groundbreaking 90-minute documentary that offers an unprecedented look at history’s most infamous maritime disaster. Using exclusive access to cutting-edge underwater scanning technology, including 715,000 digitally captured images, the special unveils the most precise model of the Titanic ever created: a full-scale, 1:1 digital twin, accurate down to the rivet. From award-winning Atlantic Productions, **TITANIC: THE DIGITAL RESURRECTION** premieres Friday, April 11, at 9/8c on National Geographic, streaming the next day on Disney+ and Hulu.

In 2022, award-winning and pioneering filmmaker Anthony Geffen and his team followed deep-sea mapping company Magellan as they undertook the largest underwater 3D scanning project of its kind, mapping the wreck 12,500 feet below the North Atlantic. Over three weeks, they worked around the clock, producing 16 terabytes of data, 715,000 still images, and 4K footage, capturing the Titanic in unparalleled detail. After nearly two years of analysis, a team of leading historians, engineers, and forensic experts, including Titanic analyst Parks Stephenson, metallurgist Jennifer Hooper, and master mariner Captain Chris Hearn, come together in **TITANIC: THE DIGITAL RESURRECTION** to reconstruct the ship’s final moments—challenging long-held assumptions and revealing new insights into what truly happened on that fateful night in 1912.

Stephenson, Hooper and Hearn dissect the wreckage up close on a full-scale colossal LED volume stage, walking around the ship in its final resting place. From the boiler room where engineers worked valiantly to keep the lights on until the bitter end to the first-class cabins where the ship ripped in two, the scan brings them face-to-face with where the tragedy unfolded.

Notable insights include the following:

- **Visible Open Steam Valve**
The team discovers a steam valve in the open position, validating eyewitness accounts that the ship’s engineers remained at their posts in boiler room two for over two hours after impact, keeping the electricity on and allowing wireless distress signals to be sent. The 35 men may have saved hundreds of lives while sacrificing their own.
- **Hull Fragments**
Sifting through the hull fragments scattered across the wreck site, the team reconstructs them like a puzzle, providing a startling glimpse into the ocean liner’s final moments. The Titanic didn’t split cleanly in two—it was violently torn apart, ripping through first-class cabins where prominent passengers like J.J. Astor and Benjamin Guggenheim may have sought refuge as the ship went down.

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- **First Officer William Murdoch**

Further analysis of the digital scans adds to the evidence exonerating First Officer Murdoch, long accused of abandoning his post. The position of a lifeboat davit—seen in new hi-res detail—suggests his crew was preparing a launch moments before the starboard side was engulfed, corroborating Second Officer Charles Lightoller’s testimony that Murdoch was swept away by the sea.

The 90-minute special also examines in stunning detail the 15-square-mile debris field, rich with hundreds of personal artifacts, including pocket watches, purses, gold coins, hair combs, shoes and a shark’s tooth charm, offering a poignant glimpse into the lives lost. Historian Yasmin Khan and the team connect these items to their original owners. Scans also reveal the wreck’s alarming deterioration, with iconic areas of the wreck already collapsing. However, thanks to this digital twin, the Titanic is preserved in perfect detail as it appeared in 2022, securing its place in history for generations to come and marking a new era in underwater archaeology.

For more on these latest developments and a look at the Titanic’s digital twin, read the full story on NatGeo.com [HERE](#).

TITANIC: THE DIGITAL RESURRECTION is produced by Atlantic Productions for National Geographic. For Atlantic, Anthony Geffen produces, Lina Zilinskaite is the senior producer and Fergus Colville is the director. Simon Raikes and Chad Cohen serve as executive producers for National Geographic.

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About National Geographic Content

Representing the largest brand on social media with over 780 million followers and 1.1 billion impressions each month, National Geographic Content’s award-winning and critically acclaimed storytelling inspires fans of all ages to connect with, explore and care about the world through factual storytelling. National Geographic Content, part of a joint venture between The Walt Disney Company and the National Geographic Society, reaches over 532 million people worldwide in 172 countries and 33 languages as a digital, social and print publisher and across the global National Geographic channels (National Geographic Channel, Nat Geo WILD, Nat Geo MUNDO), National Geographic Documentary Films, and direct-to-consumer platforms Disney+ and Hulu.

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Its diverse content includes Oscar®- and BAFTA award-winning film *Free Solo*, Oscar-nominated films *Sugarcane*, *Fire of Love* and *Bobi Wine: The People's President*, Emmy® Award-winning franchise *9/11: One Day in America* and *JFK: One Day in America*, Emmy® Award-winning series *Animals Up Close*, series *Trafficked with Mariana van Zeller*, *Life Below Zero*, and *Secrets of the Whales*, in addition to multiple National Magazine Awards, Pulitzer Prize Finalists and Webby wins. Visit nationalgeographic.com and natgeotv.com or explore [Instagram](#), [Threads](#), [Facebook](#), [LinkedIn](#), [YouTube](#), [TikTok](#), and [Reddit](#).

About Atlantic Productions

Atlantic Productions is a multi-award-winning independent factual production company. Atlantic has won over 50 international awards, including 11 Emmys and 5 British Academy Awards (BAFTA).

Atlantic's films have been seen by over a billion people. They include 13 projects with David Attenborough, including "Great Barrier Reef," "First Life" and "David Attenborough meets President Obama." Other documentaries include "Return to the Titanic," "Nefertiti Resurrected," "Belsen: Our Story," the landmark series "The Promised Land" and "The Coronation" with Queen Elizabeth II. Theatrical films include "The Wildest Dream: Conquest of Everest," "Hawking: Can You Hear Me?" and "David Attenborough's Natural History Museum Alive." Atlantic Productions is part of Atlantic Studios which are pioneers in immersive storytelling.

Producer of "Titanic: The Digital Resurrection," Anthony Geffen is a multi-Emmy and BAFTA award-winning filmmaker. He has been part of expeditions that have journeyed to the top of the world, Mount Everest, and to the deepest point of the world's oceans, the Mariana Trench. Anthony has been involved in Titanic research for many years. In 2019, Anthony put the expedition together for the first dive down to the Titanic in 14 years with Victor Vescovo and Parks Stephenson. He also made a previous National Geographic film, "Return to the Titanic." Anthony was the brainchild behind the scan of the Titanic, which was carried out by Magellan.

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