

Global Inspection Solutions

Kingfisher Forever!

Background



The Kingfisher had a long and storied life on the Oregon Coast. Built just prior to World War II as a charter boat, it was quickly commandeered by the US military for coast patrols. But after nearly 70 years on the water, the boat was deteriorating, and could no longer safely stay afloat. When the vessel was finally scheduled for demolition, Steve Wyatt of the Newport Historical Society stepped in to digitally preserve as much of the

Kingfisher as possible using 3D scanning.

Our Process

The Kingfisher was out of the water, and secured on stands. The vessel was located outdoors and accessible from all sides. A series of 3D scans were captured from all angles around the perimeter of the boat, capturing the lower hull and the exterior surfaces of the cabin. A second set of scans was conducted on board the Kingfisher, to capture the top deck and other details not visible from the ground. Additional scans were captured from a vantage point above and away from the boat, to completely capture all sides of the vessel.

With the data safely preserved, we returned to our studio to post process the 3D scan data, digitally remove the noise and support structures, and reassemble all of the scans into a complete boat.



The Results

With the scans fully processed and assembled, we now had a very complete and accurate archive of the entire vessel. As part of the preservation, we generated a series of cross section curves at each of the supporting rib locations, and sent them to scale model builder Mark Anspach to help him reproduce an accurate scale model of the boat for a museum installation. Even as the original Kingfisher was being dismantled, it had already found new life as a scale model, and along with the 3D digital data would provide a permanent record of the historic Kingfisher.

