



### Invasive Inspection of the Main Suspension Cables



When it was opened in 1981 The Humber Bridge was the longest single span suspension bridge in the world. It held this title for 16 years.

The bridges engineers decided to carry out invasive inspections along the main suspension cables to check for signs of corrosion.

In order to achieve this special Access & Lifting equipment was required.

Following the success on the Forth and Severn Bridges ALPS were invited to work with the main contractors C. Spencer's and supplied specialist Access & Lifting equipment and a team of high level "Rope Access" operatives to install and manage the equipment.



Above: The main cable access platform is installed by ALPS specialist Rope Access operatives using 4 x 3000Kg rope conveying winches and safety devices; right >



Once ALPS had carried out the lift the man working platform was secured in place and a powered feeder cradle was installed to ensure operatives and equipment could be transported vertically too & from the working platform.

Each specified location on the main cable was safely accessed in this way; each lifting and lowering operation being carried out by ALPS using their special 3000Kg traction hoists and back-up safety devices.



ACCESS - LIFTING - PULLING & SAFETY  
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