

Tower Strengthening



Swann Services Group was called in to assist on four sites where the existing lattice towers to be used required strengthening to accommodate the loading of the new antennas and feeders.

Within very short timescales, Swann Services sourced new structural members to designs by others, designed bespoke antenna mounting steelwork and mobilised teams with the appropriate security approvals for work on the sites which included remote hilltops. Additionally Swann Services provided all the documentation required for the works under CDM regulations.

The works involved the replacement of existing bracings necessitating the design and implementation of temporary works, and the addition of new redundant members. Works were carried out at various heights up to 46m.

Once the strengthening works had been completed, Swann Services teams installed the antenna mounting steelwork and installed and tested the antennas and feeders.

The multi-skilled nature of the Swann Services teams enabled them to carry out the full range of tasks which would normally require multiple teams or contractors.