

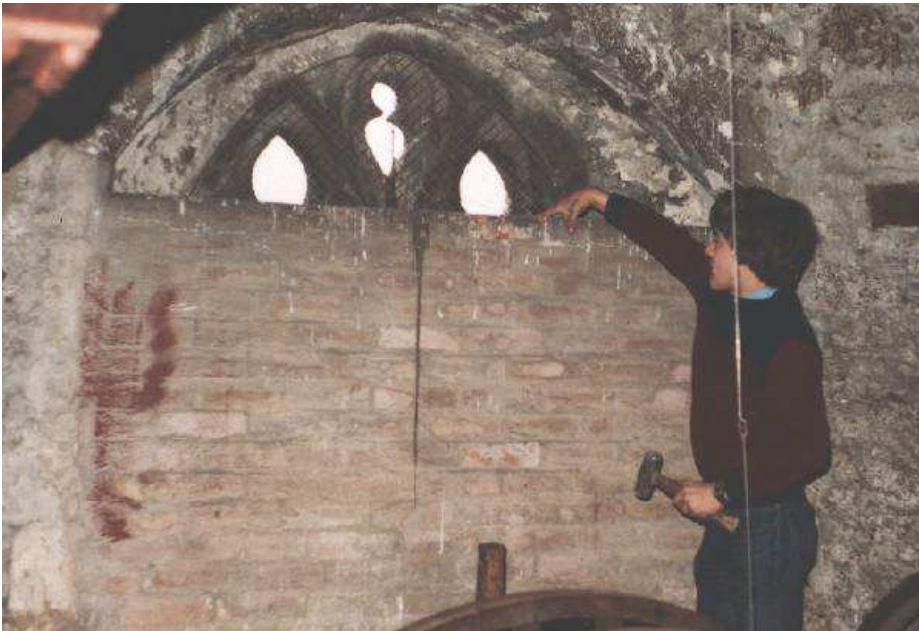
## Sound control at All Saints

The tower was built with large openings let out the sound, but ringing must have been extremely loud nearby. At some point (19th or 20th century) the openings were bricked up almost to the top, to reduce the sound.

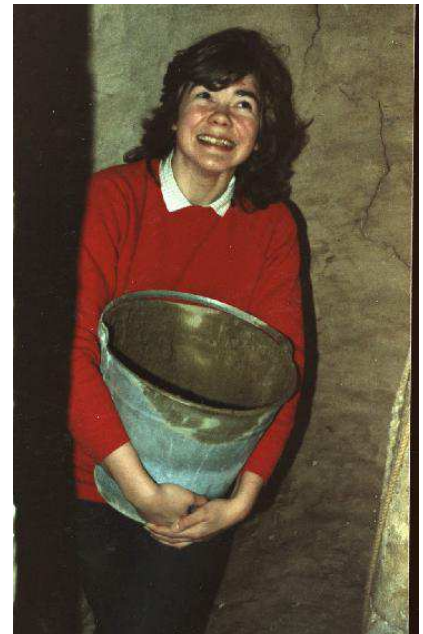
In the late 1970s we were getting complaints, but needed more time to practice, since the active band was training a lot more ringers.

The ringers designed and fitted shutters that could be opened for public ringing and closed for practices. They are double glazed, to reduce the sound but let in daylight, with wired glass for safety. They are opened and closed with cords that go down to the ringing room.

Before and after sound measurements around the church confirmed around 20dB sound reduction when closed, and similar to before when open.



*A bricked up opening before 1982*



*Carrying cement*



*Fitting one of the shutter frames*



*Shutter opening cords*