

“Depression Control.

107. It is possible to depress the gun about five degrees below the horizontal. This would entail a risk of shooting into the deck or fittings mounted on the deck when it is trained on certain bearings. To avoid this, a cam rail is fitted to the deck close round the bottom of the mounting. On the plate runs a roller which works a system of rods attached to the mounting, with a bell crank lever at the top whose upper leg is under the gun. As the gun depresses, it is stopped by its underside resting on the upper leg of the bell crank lever. On dangerous bearings the cam plate is higher and when the mounting is trained on such a bearing the roller lifts and raises the end of the bell crank lever thus preventing the gun being depressed too far. On the other hand, if the gun is at maximum depression on a safe bearing and is trained towards a dangerous bearing the roller will lift until it touches the gun, when the mounting will be prevented from being trained further.”

The Gunnery Pocket Book

