

Plymouth Port tomorrow. A \$1000 Golden Kiwi grant has been made towards the cost of the launch.

Coupling will take up to two days, the installation for of

T.H. 04/06/1971

# Carillon may need modification

New Plymouth's Kibby Carillon may need modification if it is to be heard five miles away, as expected.

The \$30,000 carillon has proved disappointing for the donor, Mr George Kibby. Since its commissioning last Saturday its sound has carried only half a mile or so from the site on top of Marsland Hill.

The New Plymouth City Council this week carried out

exhaustive tests of the equipment when it suspected that a voltage drop in the power line to the carillon was causing the lack of volume.

The tests have shown no voltage drop, and the council is still seeking the cause of the volume loss, the Mayor, Mr D. V. Sutherland, confirmed today.

He said it seemed likely that the music from the carillon was being absorbed by Marsland Hill. The trees and grassy slopes on the hill were possibly deadening the sound.

If this was the case a possible solution was the construction of some sort of echo dish at the base of the carillon and another on top, so that the sound was directed straight out over the city without interference from the immediate surroundings.

Mr Sutherland said the absorption theory was supported by the fact that when one stood beside the carillon, the sound was ear-splitting, but a hundred yards or so away the noise was at a low level, indicating the degree of absorption close to the structure.

He stressed, however, that the theory was merely that of a layman, and it would have to be investigated by some qualified authority. No decision on this had yet been taken by the council.

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## LISBON BLAST

(NZPA-Router—Copyright)

LISBON, Thursday. — A bomb explosion rocked Lisbon's main communica-

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