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Dec 30/90

The Chairman

Napier Branch, N.Z. Marine Under Ass'n  
Dear Sir,

I have this day surveyed the Chain Cables of Ship Rangitiki, as far as I could see on Deck, and I can only recommend 100 Fathoms of same as being fit to hold the Ship during heavy weather in this Roadstead.

Sizes of Chain as follows.

Of 120 Fms procured from Dunedin, I find about 60 Fms much worn & deteriorated, one at least of the studs being gone, Size  $1\frac{1}{16}$ .

Remaining 60 Fms is good chain, Size  $1\frac{1}{16}$ .

40 Fms procured from Lyttelton, fairly good chain, Size  $1\frac{1}{16}$ .

90 Fms said to be procured from Nelson, being stowed away below, I did not thoroughly examine, but from what I did see of it, I considered it not suitable for this vessel at present Anchorage, the remainder of the Ship's original chain, I consider untrustworthy, from late experience, it being also under-sized.

Wm Davidson  
Surveyor