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lighthouse which the author has measured at 42 ft. From 1815 Logan, who according to Robert in a letter of 22 June 1815 was a very deserving artist. He conducted himself most faithfully and correctly in his charge at the Bell Rock and also as Inspector of the bridge works at Marykirk. From 1815 Logan was employed as a resident engineer by Telford, Rennie and others on harbours at Dundee, Donhagadee, Port Patrick, Whitehaven, Port Rush, Belfast and finished his career as Engineer for the Clyde Navigation. According to Logan the patterns for the counterpoise crane were made wholly under Watr's directions and he superintended the casting of the crane at Calder Ironworks.

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