

## OBSERVATIONS, &c. 209

A stay of twenty days at Cadiz, enabled me to go through all the operations relative to my purpose, and I thought I might flatter myself with having thoroughly verified the time keepers in this place; it may well be supposed I was eager to draw up the results. The different aspects in which they may be viewed, would require long and minute discussions: I shall therefore confine myself to give the substance of them, sufficient to convey an idea of the success of the trial.

The result of the first observations I made at Cadiz was this:

That a ship which should have been at sea an hundred and nine days, would have been mislaid by one of these watches, only 56 minutes of a degree at her landing at Cadiz, which makes an error of about

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