

from *Baffin's-Bay* into *Hudson's-Bay*; which is a plain Admission, that the Tides in the *Welcome*, are not to be accounted for, from the Communication with the *Atlantic Ocean*, through the Straits of *Hudson*: In Answer to which, for the present, there is no need to say any thing more, than that we are not bound to consider this Cause, 'till that Strait shall be discovered, and when that be will nobody can tell; but as I hinted before, tho' we are not bound to give any other Answer, yet hereafter a more satisfactory Answer shall be given.

We will next consider the Time of High Water, and the Direction of the Tides; for having now shewn that the Height of them alone, is a Proof sufficient that they cannot be propagated through *Hudson's-Straits*, from the *Atlantic Ocean*, it becomes reasonable so to order our Enquiries, as that we may know from whence they come. I must therefore observe, that upon trying the Tide, in the Latitude of $62^{\circ}. 2'$. the same Tryal was made, and the Flood found to come from the Northward, making High Water at five of the Clock. At *Cape Fry*, $64^{\circ}. 30'$. North upon trying the Tide, I found it came from the Northward, according to the Direction of the Coast, and the Time of High Water, at Full and Change, was at three of the Clock. In the Latitude of 65° . North, the same Tryal was made, and the Tide was still found to Come from the Northward. If therefore any Judgment can be formed, either from the Direction, or from the Time of the Tide in these Parts of *Hudson's-Bay*, it is most evident, that it comes from the North and North West, but can never come from the *Atlantic Ocean*; for then in advancing into higher Latitudes, High Water would be later and later, whereas the Reader will observe, that we found it to be just the contrary.

It is very probable, that this Direction of the Tide might first occasion that Opinion, which has prevailed of *Hudson's-Bay*, communicating with a Northern Ocean, through *Baffin's-Bay*, and *Davis's-Straits*; which long ago, and before this Bay was so well known, might be well enough excused; but at present, when these Things are so much better understood, to talk of these, is irrational; and to insist either on frozen or unknown Straits, is not quite so pardonable; for if occult Qualities are justly banished out of Philosophy, all suppositious Causes should be exploded, in Cases of this Nature, where they can never serve any other Purpose, than hiding Ignorance, or obscuring Truth. Now to avoid any Imputation of this Sort, and to fulfil the Promise formerly made the Reader,