

Supplementary figure 1. Mean flow direction and speed of surface ocean currents during the tracking period (26th Sep-7th Oct). Grid cells (c. 9km²) are colour coded based on flow speeds, which were fastest (>14.5 m/min) in the east of the Island. White boxes highlight the three grid cells closest to the southern and north western beaches for which model derived current flow speeds were calculated. The X/Y axis represents the I/J co-ordinates of the ocean model grid.

