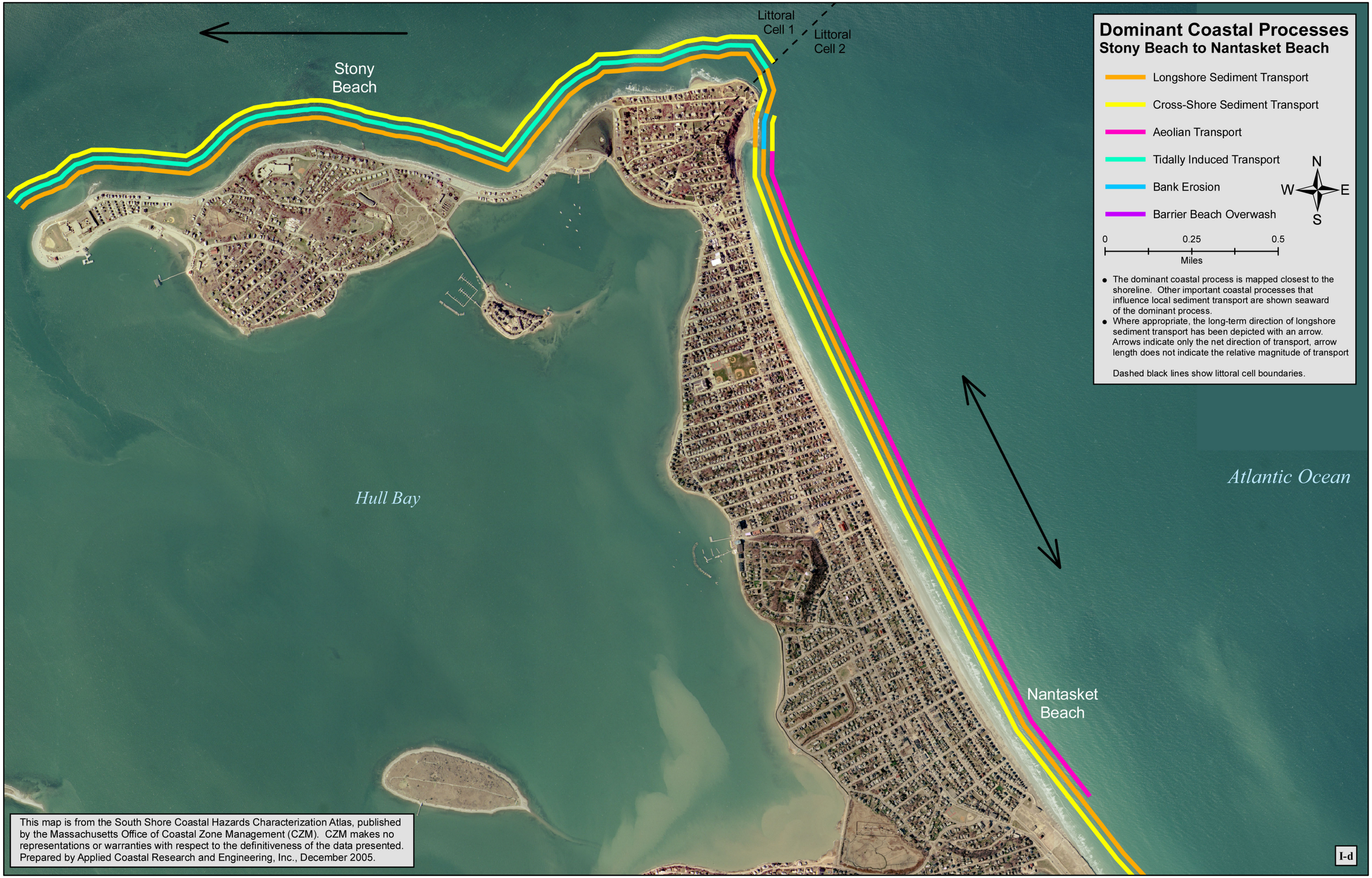
Dominant Coastal Processes
Stony Beach to Nantasket Beach
Longshore Sediment Transport
Cross-Shore Sediment Transport
Aeolian Transport
Tidally Induced Transport
Bank Erosion
Barrier Beach Overwash
N
W
E
S
0
0.25
0.5
Miles
The dominant coastal process is mapped closest to the shoreline. Other important coastal processes that influence local sediment transport are shown seaward of the dominant process.
Where appropriate, the long-term direction of longshore sediment transport has been depicted with an arrow. Arrows indicate only the net direction of transport, arrow length does not indicate the relative magnitude of transport
Dashed black lines show littoral cell boundaries.
Stony Beach
Littoral Cell 1
Littoral Cell 2
Hull Bay
Atlantic Ocean
Nantasket Beach
This map is from the South Shore Coastal Hazards Characterization Atlas, published by the Massachusetts Office of Coastal Zone Management (CZM). CZM makes no representations or warranties with respect to the definitiveness of the data presented. Prepared by Applied Coastal Research and Engineering, Inc., December 2005.
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