

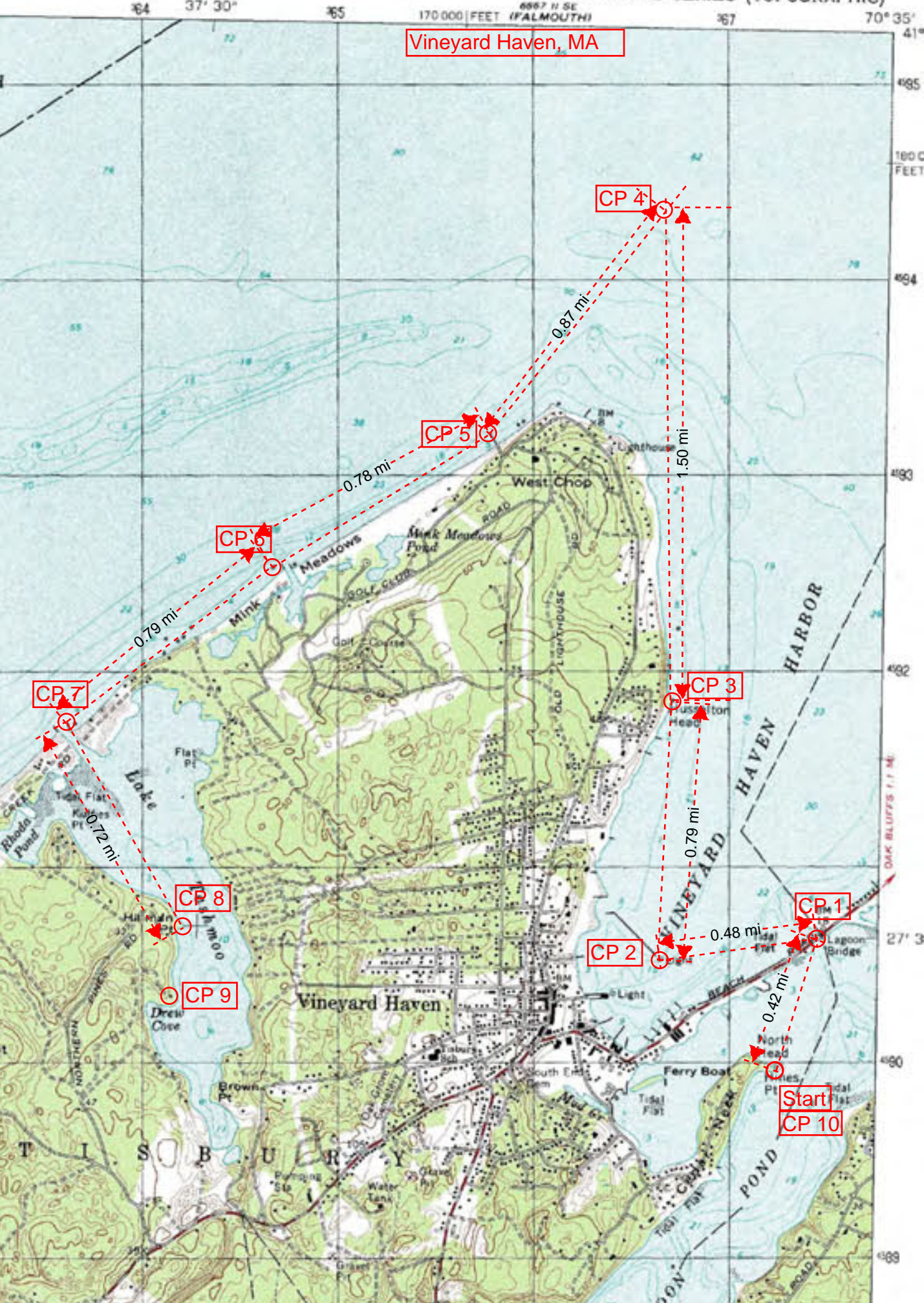
**Challenge 11. – Vineyard Haven, MA – 1:25,000 Map**

**Time for some kayaking and a trip to Marthas Vineyard. Grab your PFD's and head to the beach for this paddle fest.**

**Note: Some early copies of the Vineyard Haven Map are printed at 1:25,000 scale. Use the standard 1:24,000 UTM tool and compare your answers to the ones in this table. Later copies of the map are at 1:24,000 scale and will use the answers in the second table.**

<b>Check Point</b>	<b>Instruction</b>	<b>Question</b>	<b>Answer</b>
<b>Start</b>	Find your kayaks on the beach at Hines Point.	What is the UTM of the tip of Hines Point?	0367220 4589930
<b>CP 1</b>	Find Lagoon Bridge on Beach Road.	What is the bearing from the Start to the center of Lagoon Bridge?	18°
<b>CP 2</b>	Find the light at UTM 0366620 4590510	What is the bearing from CP1 to this light?	262.5°
<b>CP 3</b>	Find the Rock at Husselton Head.	What is the bearing from CP2 to this Rock?	3°
<b>CP 4</b>	Follow a bearing of 0° for 1.5 miles.	What is the UTM of this point?	0366680 4594350
<b>CP 5</b>	Find the end of the pier at UTM 0365740 4593210	What is the bearing from CP 4 to the end of the pier?	219°
<b>CP 6</b>	Find the Rock at UTM 0364640 4592510	What is the bearing from CP5 to this Rock?	238.5°
<b>CP 7</b>	Find the North end of the Eastern entrance wall to Lake Tashmoo.	What is the distance in miles from CP 6 to this point??	0.79 miles
<b>CP 8</b>	Find Hillman Point on Lake Tashmoo.	What is the bearing from CP7 to the tip of Hillman Point?	150°
<b>CP 9</b>	Drop the boats at Hillman Point and run along the beach to the building on the point of Drew Cove.	What is the UTM of the building on the point of Drew Cove?	0364130 4590330
<b>CP 10</b>	Return to the Kayaks and follow your route back to the start.	What is the total distance in miles paddled back to the start?	6.35 miles
<b>Finish</b>	<b>Go to <a href="http://www.ARNavSupplies.com">www.ARNavSupplies.com</a> and check your answers</b>		

Vineyard Haven, MA



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Check Point	Instruction	Question	Answer
<b>Start</b>	Find your kayaks on the beach at Hines Point.	What is the UTM of the tip of Hines Point?	0367250 4589960
<b>CP 1</b>	Find Lagoon Bridge on Beach Road.	What is the bearing from the Start to the center of Lagoon Bridge?	18°
<b>CP 2</b>	Find the light at UTM 0366650 4590530	What is the bearing from CP1 to this light?	262.5°
<b>CP 3</b>	Find the Rock at Husselton Head.	What is the bearing from CP2 to this Rock?	3°
<b>CP 4</b>	Follow a bearing of 0° for 1.5 miles.	What is the UTM of this point?	0366690 4594240
<b>CP 5</b>	Find the end of the pier at UTM 0365780 4593220	What is the bearing from CP 4 to the end of the pier?	222.5°
<b>CP 6</b>	Find the Rock at UTM 0364670 4592540	What is the bearing from CP5 to this Rock?	238.5°
<b>CP 7</b>	Find the North end of the Eastern entrance wall to Lake Tashmoo.	What is the distance in miles from CP 6 to this point??	0.82 miles
<b>CP 8</b>	Find Hillman Point on Lake Tashmoo.	What is the bearing from CP7 to the tip of Hillman Point?	150°
<b>CP 9</b>	Drop the boats at Hillman Point and run along the beach to the building on the point of Drew Cove.	What is the UTM of the building on the point of Drew Cove?	0364150 4590350
<b>CP 10</b>	Return to the Kayaks and follow your route back to the start.	What is the total distance in miles paddled back to the start?	6.52 miles
<b>Finish</b>	<b>Go to <a href="http://www.ARNavigationalSupplies.com">www.ARNavigationalSupplies.com</a> and check your answers</b>		

# Vineyard Haven, MA 1:24000 Scale

