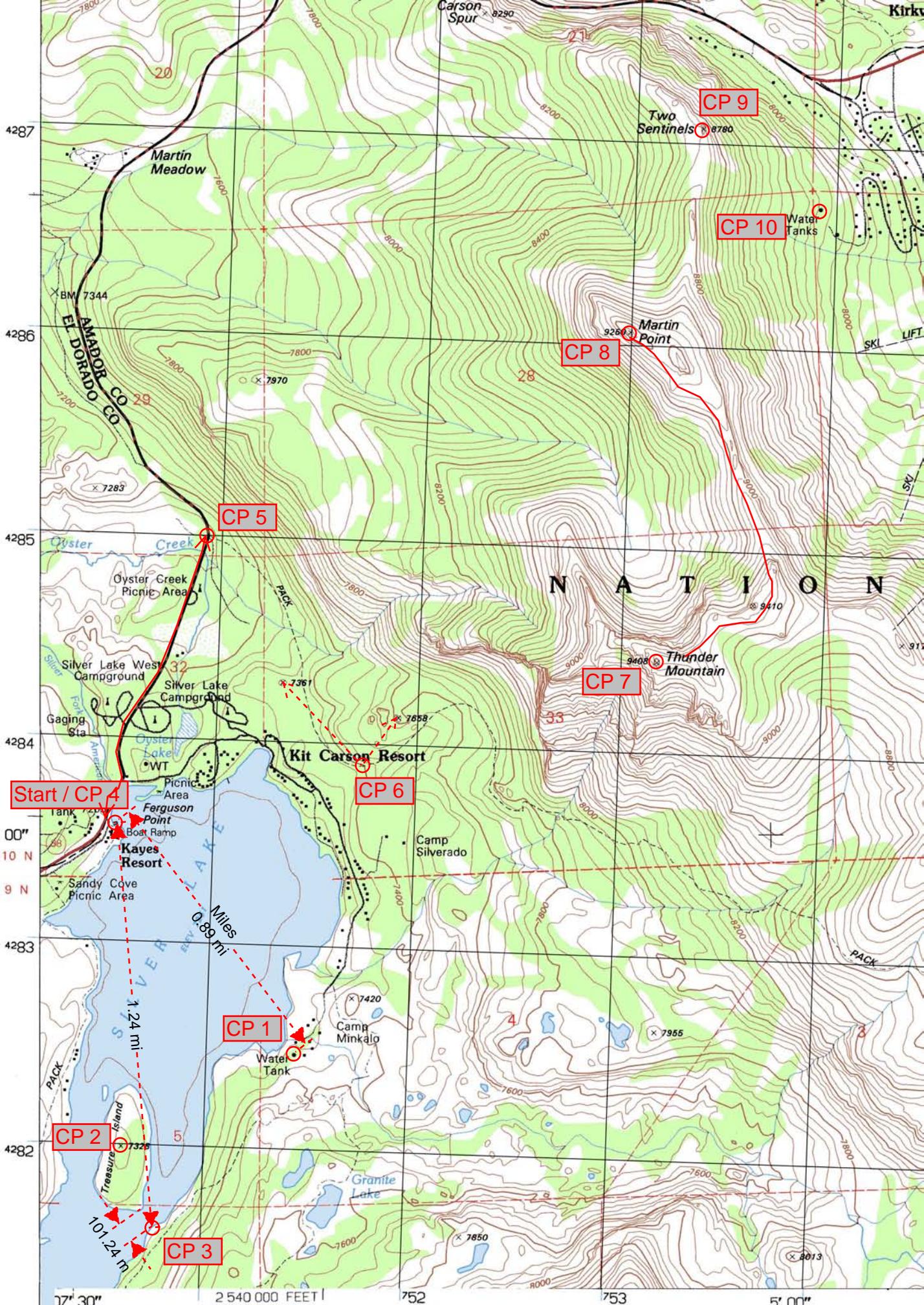


## Challenge 1. – Silver Lake to Kirkwood.

**This is the start of the Navigation Challenge Expedition Event. You will be covering 300+ miles on the next 12 maps. The race starts with a short Kayak section so have your boats ready.**

Check Point #	Instruction	Question	Answer
<b>Start</b>	Find the Boat Ramp at Kayes Resort	What is the elevation of Silver Lake?	7262 Feet
<b>CP 1</b>	From the end of the boat ramp follow a bearing of 142° from True North for 0.89 miles. (See Important Note on Page 3)	What manmade object is at this location?	Water Tank
<b>CP 2</b>	Find the highest point on Treasure Island	What is the True North bearing from CP 1 to this point?	243°
<b>CP 3</b>	Find the closest point between Treasure Island and the Eastern Shore of Silver Lake. Paddle to the Eastern Shore at this point.	What is the distance in Meters between the Island and the shore at this point?	100 meters
<b>CP 4</b>	From CP 3 Paddle back to the boat ramp at Kayes Resort.	What is the distance in miles from CP 3 to the Boat Ramp?	1.24 miles
<b>CP 5</b>	Take Hwy 88 North to the intersection with the Pack Trail	What is the distance from CP 4 to the Pack Trail Junction?	0.95 Miles
<b>CP 6</b>	Follow the Pack Trail SSE to 7400 feet elevation. Find the nearby peaks marked 7361 and 7658. Use these two peaks to triangulate and confirm your location.	What is the True North bearing from peak 7361 and 7658 to the point where the Pack Trail crosses the 7400 foot contour line.	136.5° 215°
<b>CP 7</b>	Travel to the 9408 foot elevation point on Thunder Mountain.	What is the UTM of this point?	0753170 4284450
<b>CP 8</b>	Travel by the flattest route possible to Martin Point.	How many contour lines do you cross?	16
<b>CP 9</b>	Find the 8780 elevation point on the Two Sentinels.	What is the True North Bearing from Martin Point to this location?	19.5°
<b>CP 10</b>	Find the Northern Water Tank to the South East of the Two Sentinels.	What is the approximate elevation loss from CP 9 to the Northern Water Tank?	660 feet
<b>Rest Stop</b>	<b>Go to <a href="http://www.ARNavigationalSupplies.com">www.ARNavigationalSupplies.com</a> and check your answers</b>		



Start / CP 4

CP 5

CP 6

CP 8

CP 9

CP 10

CP 7

CP 1

CP 2

CP 3

10 N

9 N

4283

4282

4287

4286

4285

4284

17° 30"

2 540 000 FEET |

752

753

5° 00"

Miles  
0.89 mi

1.24 mi

101.24 m

N A T I O N

Martin Meadow

Two Sentinels

Water Tanks

Martin Point

Thunder Mountain

Kit Carson Resort

Camp Silverado

Camp Minkalo

Kayes Resort

Ferguson Point

Oyster Lake

Silver Lake Campground

Silver Lake West Campground

Oyster Creek Picnic Area

Oyster Creek

EL DORADO CO

AMADOR CO

BM 7344

X 7283

X 7970

X 7361

X 7658

X 7200

X 7326

X 7420

X 7955

X 7850

X 8013

Carson Spur

Kirk

SKI LIFT

AS

X 917

X 977

PACK

PACK

PACK