41° 10'

QF (9) 15s

(2)

41° 8'

NauticEd

21ST CENTURY SAILING EDUCATION

41° 6'

WIND

41° 4'

EXERCISE

A Skipper makes a waypoint 0.5 nm west of the shown cardinal mark and sets sail at 10:00 am

1) Plot the desired COG and label it with the True direction

2) Use the Current Flow Exercises below. For each:
  a) What should be the boat's heading?
  b) What is the boat's SOG?
  C) What time will the boat arrive at the waypoint?

Current Flow Exercises
Ex A: 1.2 kts @ 030 deg
Ex B: 0.8 kts @ 100 deg
Ex C: 1.0 kts @ 250 deg
Ex D: 1.5 kts @ 000 deg
Leeway is 5 deg when on a close haul
Boat speed is 8 kts

41° 2'

41° 0'