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1. What creates surface currents in the ocean?
  2. Where do deep cold ocean currents form?
  3. What is overturning? Where does it occur in the ocean and why?
  4. **Alcatraz** was a maximum high-security Federal prison on Alcatraz Island, **just 1.25 miles off the coast of San Francisco, California**, which operated from 1934 to 1963. During its 29 years of operation, the penitentiary claimed that **no prisoner successfully escaped**. Out of 14 escape attempts made by a total of 36 prisoners, 7 men were “lucky” enough to get “safely” into the water...
- Question:** what is the main NATURAL☺ reason why they were not able to reach the shore? (hint: refer to slides ##4-5 from Lecture 18 and slide #9 from Lecture 19)