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PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

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1. What creates surface currents in the ocean?
  
2. Where do deep cold ocean currents form (start)?
  
3. **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: Natural means “coming from nature”. Refer to Slide #3-4 of Lecture 20; look specifically for the *surface current* that passes Northern California...what kind of current is that?)