| EARTH SCIENCE 2017/2018                                    | HOMEWORK #20   |
|--|----------------|
| NAME:  |                |
| 1. What creates <u>surface currents</u> in the ocean?      |                |
| 2. Where do deep cold ocean currents form?                 |                |
| 3. What is <u>overturning</u> ? 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?