QUESTION 48 OF 52: **NOT ANSWERED**

Based on information in the passage, it can reasonably be inferred that all internal waves

A **reach approximately the same height even though the locations and depths of continental shelves vary.**

The author notes that the internal waves in the Luzon Strait are "some of the largest in the world," which suggests that internal waves reach varying heights.

B **may be caused by similar factors but are influenced by the distinct topographies of different regions.**

Tom Peacock and his team created a model of the "Luzon's Strait's underwater topography" and determined that its "distinct double-ridge shape . . . [is] responsible for generating the underwater [internal] waves." The author notes that this model describes only internal waves in the Luzon Strait but that the team's findings may "help researchers understand how internal waves are generated in other places around the world." The author's claim suggests that while internal waves in the Luzon Strait are "some of the largest in the world" due to the region's topography, internal waves occurring in other regions may be caused by some similar factors.

C **can be traced to inconsistencies in the tidal patterns of deep ocean water located near islands.**

It is not supported by the researchers' findings.

D **are generated by the movement of dense water over a relatively flat section of the ocean floor.**

It is not supported by the researchers' findings.