

Insert B: Question 7

In August 2010 there were two earthquakes in the region between China and Australia. The first, at Papua New Guinea, was of magnitude 6.4. The primary (P) wave was followed a quarter of an hour later by the secondary (S) wave, which was followed immediately by two small ‘aftershocks’. About 11½ hours later there was a slightly weaker earthquake 34 km below the sea floor at Simeulue.

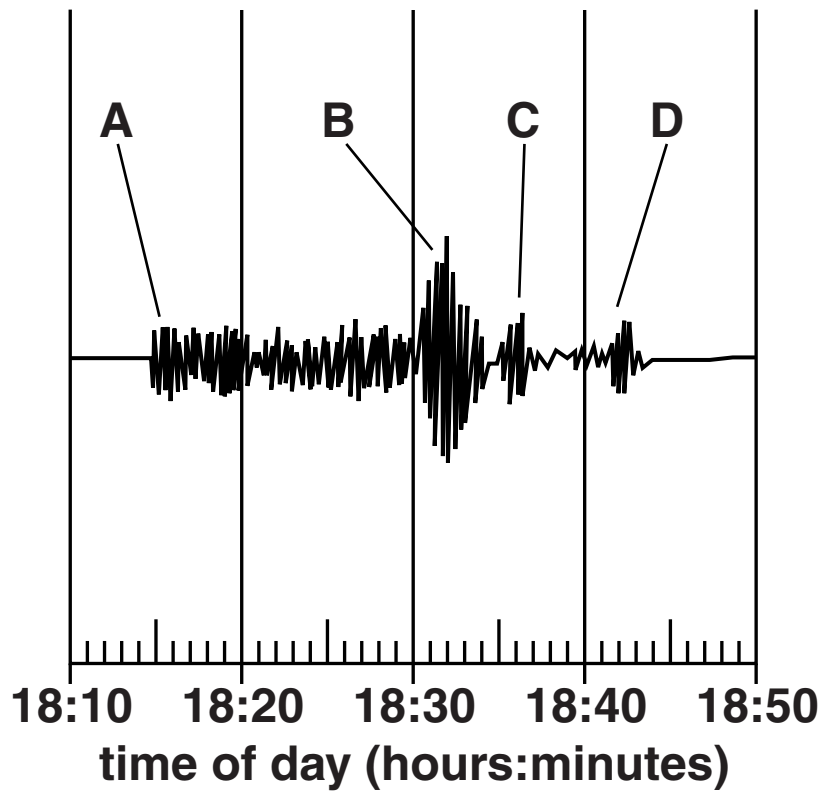
**earthquake detector
in Thailand**



Simeulue

Papua New Guinea

recording A
Papua New Guinea earthquake
evening of 20 August 2010



recording B
Simeulue earthquake
morning of 21 August 2010

