

## 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.**

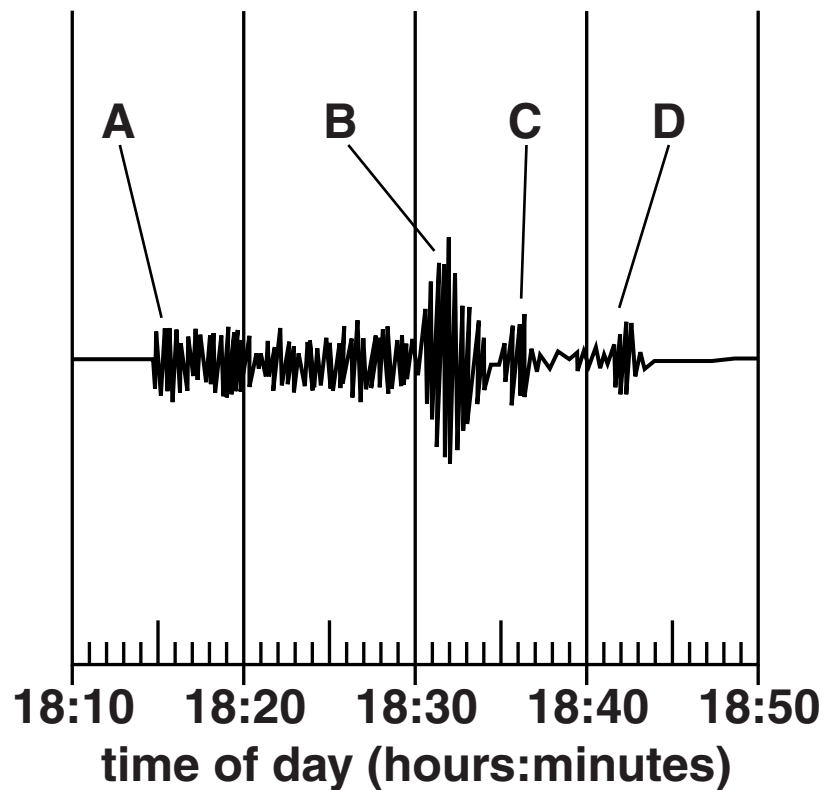
**earthquake detector  
in Thailand**



**Simeulue**

**Papua New Guinea**

**PAPUA NEW GUINEA earthquake  
evening of 20 August 2010**



**SIMEULUE earthquake  
morning of 21 August 2010**

