- 7. A spacecraft is travelling at a speed of 0.200c relative to the Earth. The spacecraft emits a signal for 20.0 seconds as measured in the frame of reference of the
 - An observer on Earth measures the duration of the signal as
 - - 19·2s

spacecraft.

- 19.6s
- 20·0 s
- 20·4s
- 20.8 s.