

# Re: SR Postulate on Speed of Light

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics.relativity/2005-05/msg01489.html>

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- *From:* "Curious" <[anthonyroseuk-curious@xxxxxxxxxxx](mailto:anthonyroseuk-curious@xxxxxxxxxxx)>
  - *Date:* 20 May 2005 12:30:49 -0700
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Harry wrote:

- > Quite, the second formulation encompasses the first:
- > If the measured vacuum speed of light is the constant  $c$  in any inertial
- > frame, it is by definition independent of the motion of objects in that
- > frame and that includes light sources.

'Scuse me for asking dumb questions:

1. So the measured vacuum speed of light is a constant in an inertial frame independent of the speed of BOTH the source AND the observer, correct?
  2. Does it follow that the ACTUAL vacuum speed of light in an inertial frame is also constant, or can't we tell?
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- *Follow-Ups:*
  - ◆ ***Re: SR Postulate on Speed of Light***
    - ◇ *From:* harry

- *References:*
  - ◆ ***SR Postulate on Speed of Light***
    - ◇ *From:* john\_doe\_ph\_d
  - ◆ ***Re: SR Postulate on Speed of Light***
    - ◇ *From:* Harry

- Prev by Date: ***Re: time waves***
- Next by Date: ***Re: photon correlation in five easy steps***
- Previous by thread: ***Re: SR Postulate on Speed of Light***
- Next by thread: ***Re: SR Postulate on Speed of Light***
- Index(es):
  - ◆ ***Date***
  - ◆ ***Thread***