

Re: Starmapping software

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- *From:* "oriel36" <geraldkelleher@xxxxxxxx>
 - *Date:* 8 Oct 2006 12:09:52 -0700
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OG wrote:

"oriel36" <geraldkelleher@xxxxxxxx> wrote in message
news:1159874729.869417.286280@xx

Where does the clock rate come from? You can't get a precise clock rate from the Sun can you? The best you can get is a variable clock that needs correction through the Equation of Time.

The standard pace of the hand movement of a clock was originally devised by astronomers based on the daily cycle as the Sun returns to noon. The heliocentric astronomers knew from observance that no two daily cycles are the same so they equalised the variations by observing natural noon and applying corrections of minutes and seconds to create the 24 hour day and more importantly to facilitate the seamless transition from one 24 hour day to the next 24 hour day.

OK, so you agree that a calendrical correction is applied to the solar time.

I had specifically requested that you leave the matter to those who can appreciate how the transfer of the Equation of Time principles from its pre-Copernican purpose of governing the creation of the 24 hour day and its seamless transition to the next 24 hour day was adapted to its heliocentric application to the principle of independent and constant axial rotation.

If nobody can go so far as to acknowledge that it never was necessary to introduce celestial sphere geometry to arrive at the correlation of

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axial rotation at 15 degrees per hour then there is absolutely nothing I can do about it. It remains a horrendous error to justify the return of a star in 23 hours 56 minutes 04 seconds using the axial and orbital motions of the Earth but again, there is nothing I can do about that either.

I can show you where the rubbish began with Maskelyne who opposed Harrison and his chronometer which keeps the standard pace of a clock in sync with axial rotation but my business is to promote the positive side of astronomy and timekeeping and not strictly correcting clowns like Maskelyne, Newton and Flamsteed .

Put the following title in the search field of the Royal Journals –

Some Remarks upon the Equation of Time, and the True Manner of Computing

[http://www.journals.royalsoc.ac.uk/\(rgh3y55x100x5nyim4p0k45\)/app/home/main.asp?referrer=default](http://www.journals.royalsoc.ac.uk/(rgh3y55x100x5nyim4p0k45)/app/home/main.asp?referrer=default)

This silly man is doing what you all do, make up whatever explanation you think will fly without even bothering to make the effort to grasp the exquisite and easy to understand two step process with one foot in pre-Copernican astronomy and the other in heliocentric astronomy.

It is how the Equation of Time principles which govern the creation of the 24 hour day get transferred to the heliocentric adaption for axial rotation which is breathtaking in its genius and its intricacies. Having delivered the insight by which the orbital motion of the Earth resolved the observed motions of the planets, by dividing the Earth's motions into separate axial and orbital entities, these great astronomers could then adapt the Equation of Time principles to axial rotation in isolation.

Which great astronomers are these ? Please let's be specific.
And do you understand that the Equation of Time has nothing to do with the axial alignment of the Earth?

I have done what I could to promote astronomy in a contemporary atmosphere which only recognises magnification as being the ultimate ends of astronomy. Nobody is doing anything without the correct point of departure for astronomy, that being recognising the independent axial rotation of the Earth and the cycle to which human existence is closely tied to.

Drop justifying the return of a star in 23 hours 56 minutes 04 seconds using the axial and orbital motions of the Earth or what amounts to the

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same thing,at least try to comprehend how the correlation between time,axial rotation and the motions of the Earth actually emerged.This means jettisoning the fables of people like Maskelyne who did not have the intuitive intelligence to grasp that no celestial sphere or 'primium mobile' was necessary to create one of the greatest human achievements ever.

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