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UFO UpDates Mailing List

Re: Tesla

From: Brad Sparks <RB47Expert@aol.com>
Date: Sat, 8 May 1999 14:02:14 EDT
Fwd Date: Sat, 08 May 1999 22:13:14 -0400
Subject: Re: Tesla

>From: Greg Sandow <gsandow@prodigy.net>
>Date: Fri, 7 May 1999 12:42:33 -0400
>Fwd Date: Sat, 08 May 1999 12:48:32 -0400
>Subject: Re: Tesla

>>Date: Thu, 6 May 1999 22:55:04 -0400
>>From: Bruce Maccabee <brumac@compuserve.com>
>>Subject: Re: Tesla
>>To: UFO UpDates - Toronto <updates@globalserve.net>

>>>That he could send an electric current through the earth's crust
>>>from his lab in Colorado to his lab in South Africa and back,
>>>being registered at the South African lab, at the speed of light
>>>to the 27th power... Yet we do not hear this...Why?

>>Speed of light to the 27th power, eh? Can you tell me how he
>>measured this?

>That's what I've been thinking, ever since I read the original
>claim. Light travels pretty fast -- 186,000 miles per second. So
>if Tesla set up a sending and receiving station a 186 miles
>apart, at the speed of light a signal would take one-thousandth
>of a second to travel between them. Better synchronize your
>clocks!

>But now at the speed of light to the 27th power....my computer
>calculator will only render this in scientific notation:
>1.891687934643772596211554475943e+142 miles per second. Maybe
>someone here would like to render that, approximately, in
>conventional numbers, to give us some idea of the time the
>journey of 186 miles would take.

>One estimate I made: If the signal went at the speed of light to
>the tenth power, it would take
>1/1,000,000,000,000,000,000,000,000,000,000 of a second to travel
>186 miles. How would Tesla have measured such a small time
>interval? And this is VASTLY slower than the speed of light to
>the 27th power!

Hi Greg,

I hate to be the bearer of bad news but there is no such thing
as a "speed to the 27th power" whether it is the speed of light
to the 27th power or the speed of sound to the 27th power or the
speed of a snail to the 27th power. A "speed" to the 27th power
is _no longer speed at all_ .

You cannot use it to measure the time it takes a signal to reach South Africa or wherever because it no longer has the dimensions of distance per time, or L/T in physics. The numbers will differ radically just by changing the measuring units, miles/sec, cm/sec, or light-years per year when taken to the 27th power (try it, you won't be able to make any sense out of it).

For example, in the units of light-years (a valid distance measure used all the time by astronomers) per year, the speed of light is 1 ly/yr. When that "speed of light" in those units of speed is taken to the 27th power it is still just 1 but in units of light-years to the 27th power per year to the 27th power, which again is nonsense and not any sort of "speed" at all. (1 to any power is still 1.) But in this example you do not have any wild numbers to the 142nd power because the units are different and incompatible as any sort of speed or velocity.

The units of this so-called "speed" are not speed (which has the dimensions of L/T in physics) but "miles to the 27th power" per "second to the 27th power" or whatever your arbitrary choice of units, representing dimensionally Length to the 27th power divided by Time to the 27th power which is no longer Length per unit Time. It is all nonsense to try to derive a time interval from Colorado to South Africa based on something that doesn't give you "time" at all, but "time to the 27th power." It's mindless absurdity.

Let me give you an example: Speed to the 2nd power (instead of 27th power) is not some higher form of "speed" but something entirely different, it is Kinetic Energy Density per unit mass. Speed to the 27th power is just pseudoscience cobbled up to impress those who are unfamiliar with physics. The hoaxer does not understand that a speed to the 27th power is not any sort of super fantastic "speed" at all, but he thinks it is, and has just thrown some words together that sounds impressive.

Regards,

Brad Sparks

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