

gy=c

The Urth list — 1 messages, 1 voices, 26 Mar 2002

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Andy Robertson — 26 Mar 2002, 12:51

----- Original Message -----

From: <matthew.malthouse at guardian.co.uk>
A question.

The Whorl of the Long Sun produces a facsimile of gravity through spin.
Otherwise when we see it there is no other acceleration. Is there (and I
ask because I can't remember) any mention of how the Whorl behaved when
traveling?

No mention.

A good equation to remember for astrogation is

$gy = c$

If you accelerate at 1 gravity for 1 year you reach the speed of light - or would if not for relativistic effects.

I doubt the Loganstone could manage more an 1/100 g acceleration. Even that would "raise" the front end miles above the back end, in effect.

It's a big problem, but it is not a significantly bigger problem for a round trip.

Maybe it was cone shaped?

hartshorn