

Re: Solar powered lasers in space

Source: <http://sci.tech-archive.net/Archive/sci.space.policy/2007-09/msg00515.html>

- *From:* Willie.Mookie@xxxxxxxx
 - *Date:* Thu, 20 Sep 2007 17:01:30 -0000
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On Sep 20, 12:07 pm, BradGuth <bradg...@xxxxxxxx> wrote:

On Sep 20, 1:20 am, Willie.Moo...@xxxxxxxx wrote:

On Sep 19, 11:38 am, IsaacKuo <mech...@xxxxxxxx> wrote:

Contrast this with a gabor zone plate lens, combined with a far away "seed laser" drone behind the lens. In this case, the diffraction angle is very nearly zero. Thus, the lens does not need to be very rigid in order to efficiently function. (A gabor zone plate is a hologram.)

I agree with everything you say. But I'm talking about using holographic techniques and nonlinear optical media to construct a laser that returns a conjugate beam to a target multiplied many thousands of times in energy – in response to a weak pilot beam..

You are avoiding that subject altogether. Since you seem knowledgeable, let me give you some references you might find useful. Then maybe you'll understand what I'm getting at.

I'm talking about creating an optical phase conjugation system – not a holographic imaging system. So, let's be clear about this. We want to project energy from a large solar pumped laser – safely and reliably to a large number of moving targets simultaneously through intervening media with some measure of control. Nothing you have said suggests

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this is not possible.

Prime subject avoiding and/or banishment on behalf of their suggesting that your SBLs are either too spendy or simply impossible is what this anti-think-tank of mostly faith-based naysayism is all about. Folks here as rabbi moderators/rusemasters in charge of their Usenet naysayville are simply opposed to anything that's off-world, and much worse if it's good for the environment or for those of us sequestered upon their polluted planet that's getting spendier and more lethal by the day.

BTW, how's your PC or MAC doing these days against that gauntlet via all of their spermware/fuckware?

– Brad Guth -- Hide quoted text –

– Show quoted text –

I've had to switch computers twice in the last 3 days – my technical people haven't gotten back to me yet as to the cause. We've scheduled a short teleconference for Monday morning, LA time. haha.. I won't know until then. It may be posting to usenet. I'll be leaving Switzerland tomorrow and travelling to DC and then to LA. I like my new Toshiba though! lol.

Your other stuff is I think over-wrought. Some people value being right more than being happy. So, they don't want to play the gee-whiz game. Or they are taking off-world development seriously, and want to do things they are damned sure will work. These are honest reasons for objecting.

As I mentioned before. Honest objections are the first step in the selling cycle. Overcoming them is the responsibility of the person selling the thing they're objecting about. Gratuitous objections may be part of a more sinister game.

Finally, any powerful government has secrets to keep. The US government, especially following 9/11, has legitimate reasons for containing and directing public information related to missile, space and nuclear technologies and capabilities. There are sound reasons for doing this. Nevertheless, there are costs which are not immediately apparent to any sort of restriction on an unmolested free exchange of ideas – which may cost us the Republic every bit as much as say nuclear attack.

The sooner we switch from failed containment policies which focus on ineffective approaches (control of means) to more forward looking containment policies which are more effective (control of intent) the better off we'll all be.

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