

Re: Business and commerce in space.

## Re: Business and commerce in space.

---

*Source:* <http://sci.tech-archive.net/Archive/sci.space.policy/2008-04/msg00679.html>

---

- *From:* "Mike Combs" <[mikecombs@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:mikecombs@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 24 Apr 2008 13:33:12 -0500
- 

"kT" <[cosmic@xxxxxxxxxxxx](mailto:cosmic@xxxxxxxxxxxx)> wrote in message  
<news:b0979431-92d1-421f-b152-692c6a153b78@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Then you've got to cook them in zero g,

Perhaps, if this is happening directly at the focus of a solar mirror. If we're instead using some kind of heat pump system, this could happen inside a centrifuge, or even inside of an industrial facility which is rotating in its entirety. If it only has to do better than Cere's <3%G, it could be of very modest radius-length and low RPM.

I don't see why not, the evidence is that it is pristine. All I expect that it would be a little beat up. That's good. The more beat up the better to expose the subsurface ocean.

Please see my other posting.

In space? Good luck with that.

Not sure why you say that. It's widely accepted that use of centrifugal force in space will be routine, especially given that a structure in vacuum can be kept rotating without additional application of power, regardless of scale.

No, we're not asking you about your spaceship design. We're asking how the first Ceres colonist will balance their trade. And with what export to which market?

If you are thinking that far ahead you are not a realist.

Re: Business and commerce in space.

I'm happy to be judged on this score on the basis of trying to think ahead with regard to balance of trade and available markets.

That's my architecture, Phobos and Ceres with cryogenic solar powered unmanned tank systems and missions, and I'm sticking by it.

Little tiny regolith scoopers that run all the time on minimal power.

Camaras and instruments.

OK, I get your point that while I'm thinking about space industrialization of the type Gerard O'Neill proposed, you're thinking about near-term resource retrieval missions with current launch systems. I would argue that it doesn't really matter which future era ones head is in; passing up low-Delta-V targets with what you want in favor of higher-Delta-V targets makes no sense in either era.

---

Regards,  
Mike Combs

---

We must be staunch in our conviction that freedom is not the sole prerogative of a lucky few, but the inalienable and universal right of all human beings... It would be cultural condescension, or worse, to say that any people prefer dictatorship to democracy.

Ronald Reagan at Westminster Abbey, 1982

.