

Re: Space travel by humans is not possible now

Re: Space travel by humans is not possible now

Source: <http://sci.tech-archive.net/Archive/sci.space.policy/2008-01/msg00630.html>

- *From:* Einar <einarbb@xxxxxxxxxx>
 - *Date:* Wed, 23 Jan 2008 13:08:55 -0800 (PST)
-

On Jan 23, 2:44 pm, jacob navia <ja...@xxxxxxxxxx> wrote:

Einar wrote:

This Mars talk is mostly hypothetical, as a Mars mission is very unlikely to occur within the next 30 years.

But if we take examples from Earth, Eskimoes could achieve fairly reasonable temperatures within iglooes...where the temperatures were as bad as - 50C. Now, a hypothetical Mars dwelling might be dug down a bit, say halfway down, then the remainder covered with material taken from the surrounding ground.

It sounds reasonable that such a low tech approach can achieve pretty reasonable degree of protection from the environment. Then add in hightech equipment to close the loop.

Yes, underground the temperature can be higher. But -80 to -100 are normal night time temperatures.

And the problem is that this approach doesn't work with *vehicles*

--

jacob navia
jacob at jacob point remcomp point fr
logiciels/informatique<http://www.cs.virginia.edu/~lcc-win32>

Well, Eskimoes could live in - 50C within their snow houses. With modern tech thrown in, we undoubtedly can do better than that.

It's also sometimes cold on the Moon, when in shadow. I recall they did make some use of rovers up there in the early 70s. What you need is a

Re: Space travel by humans is not possible now

Re: Space travel by humans is not possible now

spacesuit, with comparable heating/cooling capability. The rover could charge the suit while the astronaut is aboard.

However, the main obstacle to long term operation may be radiation.

Einar

.