

## Re: ISS as Mars vehicle

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Bill the Cat wrote:

> But, is it strong enough to survive being shoved?

<snip>

|On the other hand, with low-thrust propulsion, ISS would have to spend  
|a long time spiraling out through the Van Allen belts, which would  
|certainly fry the electronics (not to mention the crew, if you're fool  
|enough to leave one onboard during the boost).

All we really need is something that can still hold air, and be  
deployed in a high orbit around Mars. Everything else – electronics,  
solar panels, extra chambers – could be added later on.