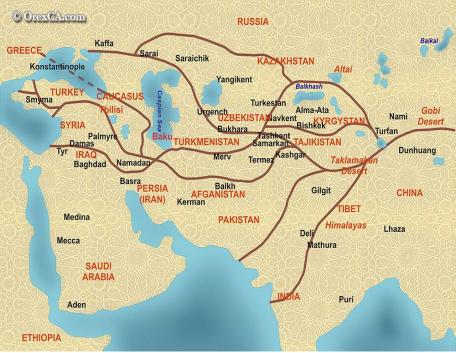
## What can you put on a camel's back, walk it from China to Baghdad or Constantinople and still make a profit?





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High Value – Low Volume

The Silk Road traders might have dreamed .. of ..





But these technologies were simply not available at the time, so they had to make do with what they had and turned a profit anyway.

#### Just as we dream of

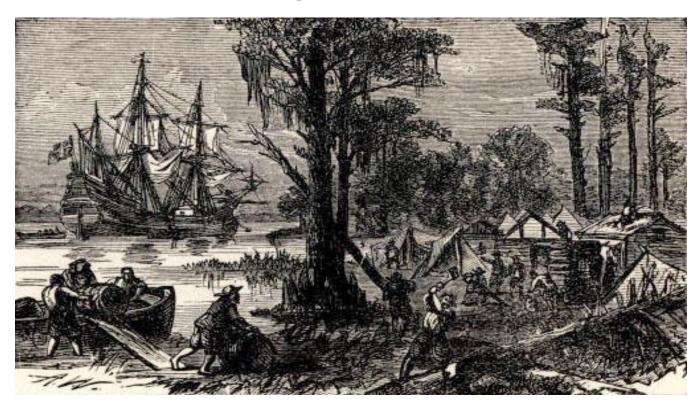




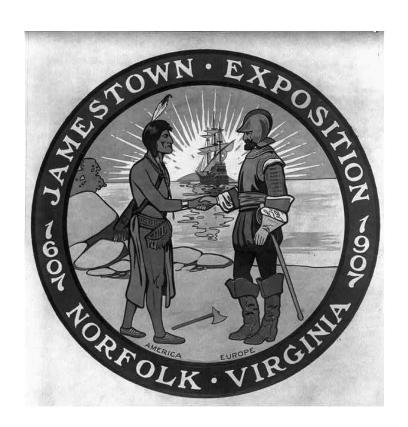
Incidentally .. a British Suez Canal skeptic once said:

One thing is sure ... our local merchant community doesn't pay practical attention at all to this grand work, and it is legitimate to doubt that the canal's receipts ... could ever be sufficient to recover its maintenance fee. It will never become a large ship's accessible way in any case.

Why did the Roanoke and Jamestown colonies basically fail, even to the point of cannibalism?



Unsustainable, expensive support from England with no ROI for investors





What can ISS learn from the Jamestown colonists?

In a word ...Tobacco!

Jamestown only became successful when it became sustainable

**Tobacco made Jamestown sustainable and profitable** 



### Here's our camel...



# SpaceX Dragon and DragonLab

With other commercial operators soon to follow

### Is this our Jamestown or Roanoke?



So ..
Our tobacco, silk and spices are staring us in the face!

But they'll need to be profitable, commercial products ... and that means engaging a variety of industries ... many of whom believe that space research is irrelevant or even worse...ridiculous.

## We no longer need these sort Of highly expensive, sophisticated, technical devices to industrialize the frontier...







### We need something more like this!



## Well okay, perhaps not a DC-3 but more like this!





All helping to Close the ROI gap

## On the supply side we do need to reduce the cost of access to LEO..

I recommend that everyone read

"LEO On The Cheap" ... by Col. John London

But more importantly:
On the demand side,
Remember to pitch at the
High Value Low Volume products that
we don't need to design new spacecraft
for in order to manufacture.

IP is the highest HV-LV but don't forget biologicals, proteins, materials and others...

ALL HV-LV

### The

Space Silk Road

is open to traffic!