



The Future All Payloaders Hope For

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FIRST COMMERCIAL WIFI IN SPACE

APRIL 29, 2018



Photo Courtesy Blue Origin

- First to get FCC clearance
- First commercial internet service provider in space
- 100% Commercial Infrastructure
- 100% privately funded
- First Commercial Tweet
- WiFi Hotspot Service from launchpad to landing

Tipping Point Moment

30 Year Journey- Vision, Passion, Persistence



NASA
Johnson Space Center



NASA
Marshall Space Flight
Center

Customer -Validation



Tracking of LearJet Fleet
over the Internet
2008



Schmitt Space Communicator Data Relay



Harrison "Jack" Schmitt
Apollo 17



Customer/Technology Validation



Photo Courtesy Blue Origin

Solstar SC-1x inside Crew
Capsule
Solstar Team



Photo Courtesy Blue Origin

Payloaders/Researchers

First Commercial Tweets from Space

April 29, 2018



Why *Commercial* WiFi in Space?



Internet of things and Machines
in Space

For WI-Fi Enabled Payloads



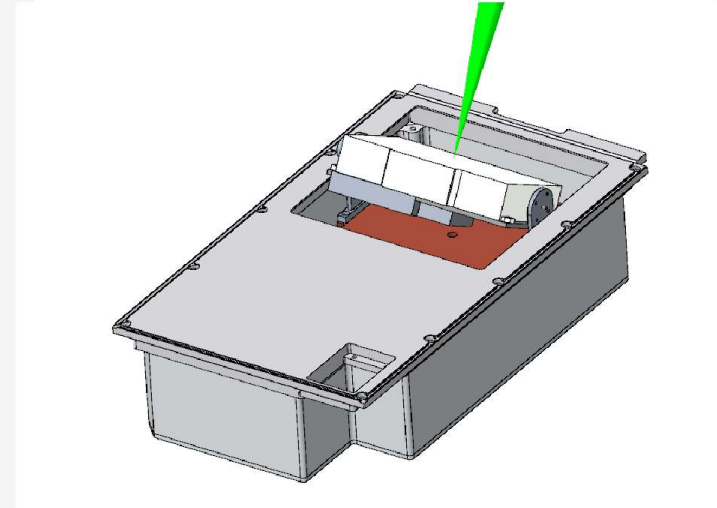
Economical,
Commercial Service for People,
Things, and machines in Space

Slayton Space Communicator for ISS



Deke Slayton

Right Stuff
Apollo Soyuz



Slayton Data Relay
concept for ISS and
other LEO applications

'Charlie' App-payload access tool



Charlie Walker

First Commercial Astronaut
and Solstar Advisor



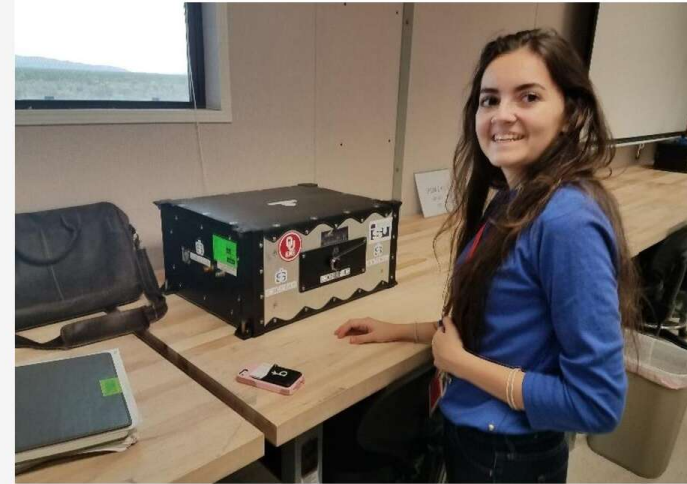
Two-Way Data Interaction
with Payloads during
Spaceflight

Tipping Point Technology

STEM – Girls & Woman in Aerospace



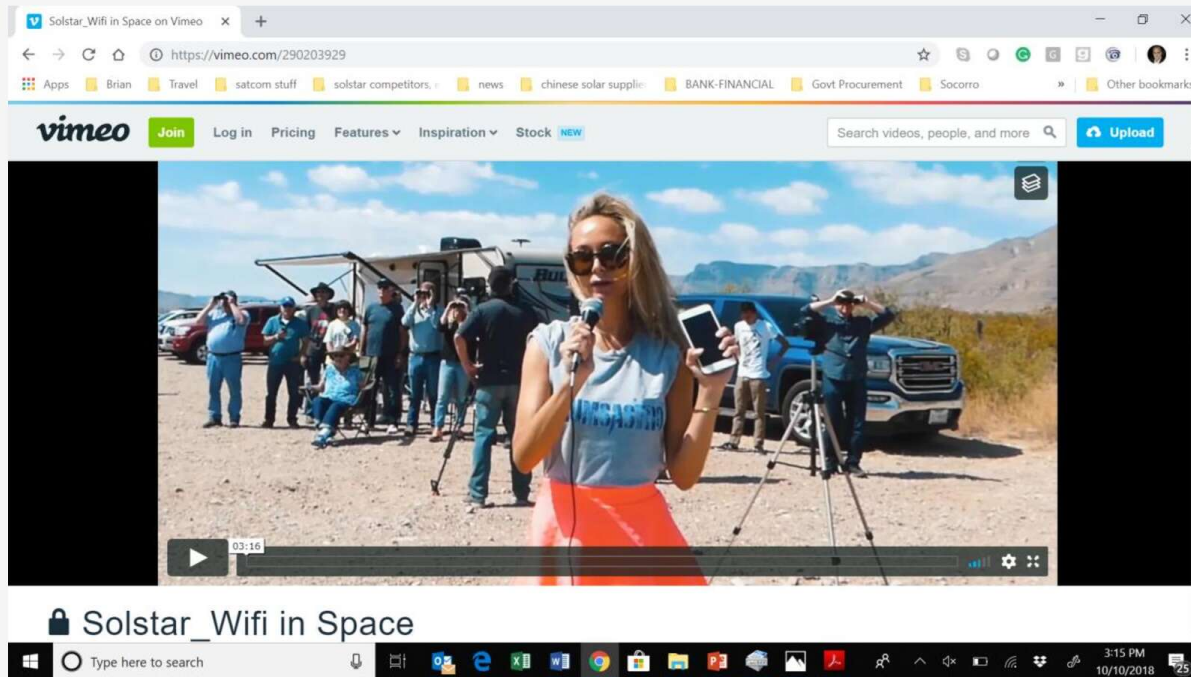
#TextsToSpace



Internships

FIRST COMMERCIAL WIFI IN SPACE

Documentary



Solstar Team
Post Flight

We're 3 for 3!



#TextsToSpace
November 2013



Photo Courtesy Blue Origin

First Commercial
WiFi/Tweet in Space
April 29, 2018



Photo Courtesy Blue Origin

WiFi Altitude Record
(74 Miles)
July 18, 2018

#GoSolstar