Phase Four

November, 2016

Propelling the future of our planet.

Sticky Situation

Hand Launch

ISS Spring-Loaded Launch

Small satellites are stuck in un-optimized orbits
Large satellites are stuck with expensive legacy propulsion providers

PHASEFOUR

The plasma engine company

Positioning and maneuvering is critical for earth observation, communications and intelligence missions.

Phase Four thrusters enable:

- Orbit raising/lowering
- Attitude control
- Station keeping
- Phasing
- Life extension
- De-orbiting
- Formation flying
- Collision avoidance
- Interplanetary

Satellites generate more revenue, sooner and longer.

Close to Our Customers

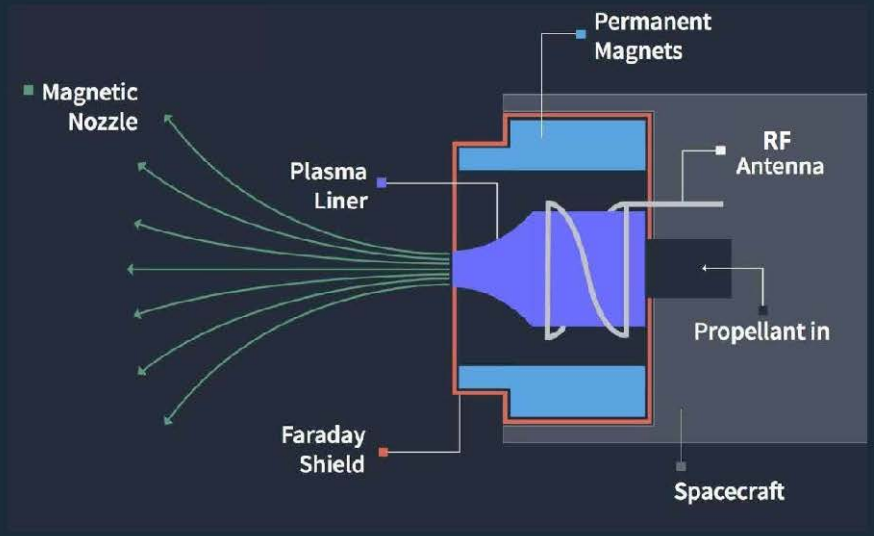
Customer interaction determined the product specs for our game-changing thruster.

- Optimized for these missions:
  - Orbit Raising and Lowering
  - Attitude Control
  - Station Keeping
  - Phasing

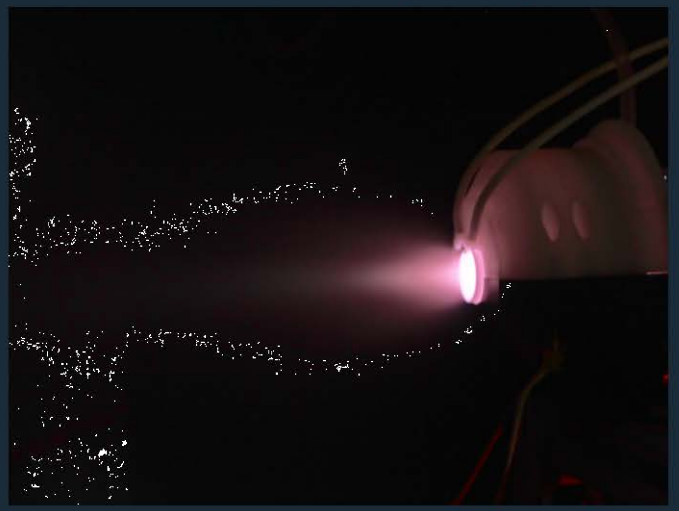
- Tech Specs
  - Xenon-fueled
  - Produces 0.75 to 2.5 mN of thrust
  - An impulse (fuel efficiency) of 375 to 1,000 seconds

Vital for better earth observation, communications, intelligence.

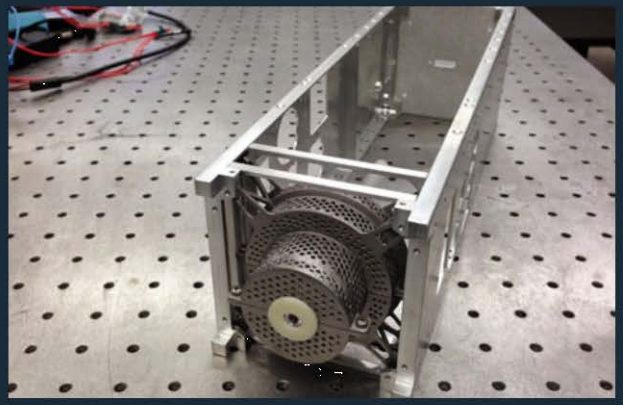
The Technology



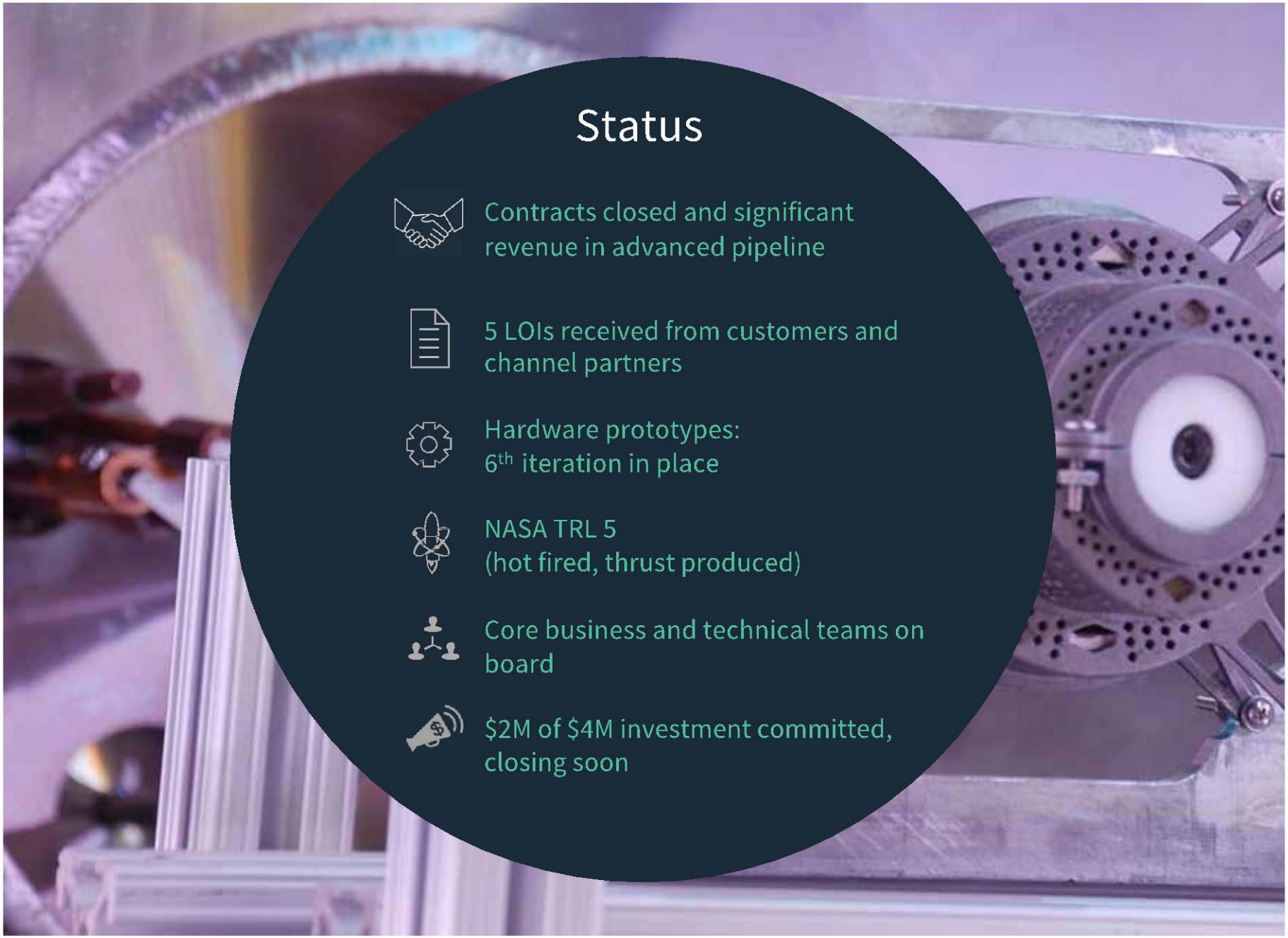
Hot Fire Test (Xenon)



3U Form Factor



Scalable as Array



Status

- Contracts closed and significant revenue in advanced pipeline
- 5 LOIs received from customers and channel partners
- Hardware prototypes: 6th iteration in place
- NASA TRL 5 (hot fired, thrust produced)
- Core business and technical teams on board
- $2M of $4M investment committed, closing soon

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