


**RELATIVE DYNAMICS**

ENGINEAVITY. (RE)THINK SPACE

## Relative Dynamics Inc.

**Size Standard** 8(a), Small Disadvantaged Business, HQ: Greenbelt, MD; NAICS 541330 (\$15 Mill)

**Corporate Description** Think Tank - RF/Laser Communications, GN&C, Systems Engineering, Mission Assurance, Satellite Operations, IV&V

**Organizations we support at Goddard** Code 400 (GOES Navigation, EOS Operations, GPM Flight Dynamics)  
Code 500 (LCRD)

### Goddard Contracts

### Capabilities

GSMO-2-EOS Flight Operations  
GSMO-2-GPM Flight Dynamics and Collision Avoidance

Satellite Operations, Sub Systems Management, GNC Support, CARA Support and Lead Flight Dynamics for GPM.

SES- GOES R Navigation Leads

Guidance, Navigation & Control, Orbit Dynamics and Mission Planning

ROC - Wallops

Radar Systems Engineering

### Other NASA Center / HQ Contracts

### Capabilities

JSC- JETS

RF Analysis, Testing & Design. Lead for ISS Communications

**Capabilities in Other Markets that could benefit Goddard's Mission**

Trade Studies (RF and Orbits related) in support of Commercial Crew Providers  
IRAD Initiative: Laser Communications Transceiver with key focus on integrative smart modem