



UNIQUE  
**RIDESHARE**  
OPPORTUNITY

IN 2018 FOR LOW-INCLINATION LAUNCH

## | THE OPPORTUNITY |

- **LOW INCLINATION ORBIT 500KM LEO OPPORTUNITY DURING 2018**  
Very few options available to deploy secondary payloads into a near equatorial orbit.
- **COMPLETE LAUNCH SERVICE PACKAGE**  
From contract to orbital insertion. The customers only need to provide, except of necessary documentation and specifications, the flight ready satellite to Aalborg, Denmark, for integration.
- **POSSIBILITY TO WORK CLOSE WITH THE PRIME –**  
GomSpace is prime on the launch and will together with all customers and partners ensure a close cooperation to optimize everyone's needs
- **US EXPORT CONTROL ASSISTANCE**  
GomSpace can through partner specialist in US export control assist the required application process.
- **LAUNCH SERVICE INSURANCE INCLUDED IN PRICE**  
Nothing we hope for but in case of a major launch failure GomSpace with its partner will ensure a back-up launch within 18 month.



### LS-1 launch vehicle

- 20.7m long
- lift-off mass of 58 tons
- maximum diameter is 2m.
- four solid motors



### LAUNCH OPPORTUNITY OVERVIEW

#### ORBIT

- Altitude 500±10km (semi major axis)
- Inclination <12 degrees
- Eccentricity < 0.005
- LTAN will be decided later

#### LAUNCH

- Launch window starts end Q1 2018
- From Wenchang Satellite Launch Center (WSLC) China
- Controlled multi satellite deployment capability

#### LAUNCH VEHICLE

- LS-1 launch vehicle from
- LandSpace Tech. Corp.
- Proven technology commercialized

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## | INCLUDED IN THE OFFER |

### ADMINISTRATION

- Assist registration of the satellite with ITU if requested
- All needed paperwork and applications for Chinese government to get needed launch approval

### LAUNCH VEHICLE INTEGRATION AND LAUNCH

- Procurement of Launch Vehicle including associated service for executing a successful launch campaign
- Procurement and integration of CubeSat separation system
- Integration of satellite to deploy system including subsequent integration testing at
- GomSpace facilities in Aalborg, Denmark
- Packaging and shipping of the satellite to the launch site and storage prior to launch integration
- Integration to the Launch vehicle
- Launch and orbit insertion

### REPORTING

- Telemetry during launch (video possible as option)
- Full launch report latest 30 days after deployment

### INSURANCE

- Launch failure insurance - In case of failure a replacement launch will be offered within 18 months
- Possibility to insure the satellite through GomSpace partner





## | BACKGROUND |

GomSpace has a commercial interest to deploy a number of 3U CubeSat into a low inclination orbit during 2018.

A number of SSO and ISS options are available on the market but there are no low inclination LEO that fulfils the time frame and include acceptable conditions for secondary payloads.

GomSpace has been looking for and evaluated different options since 2015.

GomSpace now has an  
**EXCLUSIVE LAUNCH  
OPPORTUNITY**

with extra capacity to offer partners/customers!



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