



**Press Release**

Monday 8<sup>th</sup> October 2007

## **SSTL satellites sign-up for 2008 launch**

Surrey Satellite Technology Ltd (SSTL) is to launch two new enhanced Disaster Monitoring Constellation (DMC) satellites in the fourth quarter of 2008. Deimos-1, which was built for Deimos SL (Spain) and SSTL's UK-DMC2 will be launched onboard a Dnepr rocket from the new Kosmotras launch site in southern Ural.

Both Demios-1 and UK-DMC2 will carry an enhanced version of the DMC wide area imaging system, providing 600km wide swaths of the Earth in three spectral bands at a ground resolution of 22-metres. This is an advance on the current 32-metre DMC imager, which has been successfully providing imagery for over five years in the current constellation of five spacecraft. Additionally, the new spacecraft have over ten times the capacity for information provision. These significant enhancements reflect SSTL's evolutionary approach to development that provides state of the art performance with minimal risk. The improved resolution and capacity enable the system to better meet European Global Monitoring for Environment and Security program needs, particularly in the areas of forestry and fire.

UK-DMC2 has been funded and developed by SSTL to continue the success of DMC International Imaging (DMCii), which commercially exploits the data and help ensure continuity of the unique service provided by the constellation of DMC satellites for disaster relief and humanitarian aid.

The launch contract has been signed with ISC Kosmotras, with Commercial Space Technologies (CST) acting as the interface between SSTL and the launch agency.

**Surrey Satellite Technology Ltd (SSTL)** develops innovative technologies to change the economics of space, delivering cost effective satellite missions within rapid timescales. The

Company is a world leader in the design, manufacture and operation of high performance small satellites with experience gained over more than 25 years and 27 missions launched.

SSTL employs 250 staff working on LEO, GEO and interplanetary missions, turnkey satellite platforms and space-proven satellite subsystems and optical systems. The Company also provides know-how transfer and training programmes and consultancy services, and performs studies for ESA, NASA and commercial customers related to platform design, mission analysis and planning.

Based in Guildford, UK, SSTL is owned by the University of Surrey (85%), SSTL staff (5%), and SpaceX of the USA (10%).

[www.sstl.co.uk](http://www.sstl.co.uk)

#### **About DMCii**

DMC International Imaging Ltd (DMCii) is a company set-up by SSTL to actively market and sell DMC data on behalf of the Disaster Monitoring constellation Consortium members and is a member of the International Charter: Space and Major Disasters.

#### **About Deimos S.L.**

Deimos Imaging (DMI), part of the Deimos Space Group, is based in the Boecillo Technology Park, Madrid. DMI is led by the Spanish astronaut Pedro Duque and aims at offering products based on satellite-captured information for use in Earth observation applications. One of the most notable aspects of DMI is the vertical integration of the production chain, which includes its own capture capability through the Deimos-1 satellite, as well as a remote sensing laboratory boasting a high R&D&I capacity.

#### **Notes to editor:**

This press release can be downloaded from the [SSTL online press room](#) :

[http://www.ballard.co.uk/press\\_releases/company\\_releases.aspx?company=sstl](http://www.ballard.co.uk/press_releases/company_releases.aspx?company=sstl)

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