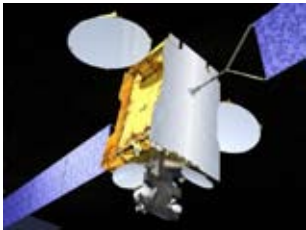


Nimiq 4
Nimiq 4 is the third Eurostar E3000 satellite delivered in orbit by Astrium to Telesat, following Anik F1R in 2005 and Anik F3 in 2007



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THEOS
The THEOS system will provide Thailand with worldwide geo-referenced image products and image processing capabilities for Earth observation applications



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Astrium Update

Recent headlines from Europe's leading space company

13 November

Third success in a row for the M51 ballistic missile

With the success of its third test flight on 13 November, the M51 ballistic missile passed another milestone that confirms its fitness for carriage on board a submarine.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/successful-first-submarine-launch-of-m51>

6 November

Launch of ASTRA 1M communications satellite

The ASTRA 1M communications satellite, built by Astrium for SES ASTRA, was launched on board a Proton Breeze M rocket from Baikonur in Kazakhstan. ASTRA 1M will deliver direct-to-home (DTH) services, including digital and high definition (HD) television with pan-European coverage.

8 October

Nimiq 4 telecommunications satellite delivered in orbit

Following its launch on 19 September and subsequent in-orbit testing, the Nimiq 4 communications satellite was formally handed over by Astrium to Canadian operator Telesat as part of the in-orbit delivery contract, and operational service has commenced. Nimiq 4 will offer high-definition television (HDTV) in North America.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/astrium-delivers-nimiq-4-in-orbit>

1 October

Astrium strengthens its geo-information services

Astrium's subsidiary Infoterra Ltd, a leader in geospatial products and services, acquired Imass Ltd, a provider of integrated information solutions for the UK public safety, manufacturing design and utility markets. Infoterra Ltd and Imass Ltd (headquartered in Newcastle, UK) will work together as part of the Infoterra Group within the Earth Observation Division of Astrium Services.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/infoterra-ltd-enhances-capability-with-acquisition-of-imass-ltd>

Launch of THEOS Earth observation satellite

The THEOS (Thailand Earth Observation System) satellite, developed by Astrium, was launched from Yasny in Russia on board a Dnepr rocket on Wednesday 1 October. The system will be delivered to the customer, the Thai Space Agency (GISTDA), after approximately two months of in-orbit testing.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/successful-launch-of-theos>

30 September

Astrium-Antrix/ISRO agreement on PSLV launch services

Astrium has signed a Long-Term Agreement with Antrix Corporation, the commercial arm of the Indian Space Research Organisation (ISRO), on the use of Indian Polar Satellite Launch Vehicle (PSLV) launch services. This will enable Astrium to offer attractive solutions in the international markets for in-orbit delivery of its Earth observation satellites using PSLV launch services.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/astrium-and-antrix-isro-strengthen-their-tie-ups>



29 September

ATV Jules Verne: mission accomplished

On 29 September, after a mission lasting almost seven months, the ATV Jules Verne, the unmanned supply craft for the International Space Station (ISS), was de-orbited and disintegrated in the Earth's upper atmosphere. Following its 9 March launch and perfectly executed docking with the ISS on 3 April, and five months docked onto the Station, the ATV Jules Verne has performed its ISS service mission in full.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/international-success-for-astrium-europe-jules-verne-mission-accomplished>

Astrium down-selected as candidate for Galileo* FOC

Astrium was selected by ESA and the EU as a candidate for prime contractorship of both the Galileo* Full Operation Capability (FOC) Space Segment and Ground Control Segment.

*Galileo, the European global navigation satellite system, is a trademark of the European Commission

<http://www.astrium.eads.net/en/press-center/press-releases/2008/astrium-down-selected-as-candidate-for-galileo-foc-and-invites-expressions-of-interest>

5 September

Essaim demonstrator in-orbit experimental phase extended

The French Defence Procurement Agency (DGA) awarded a contract to extend the operational life of the Essaim demonstrator by 18 months to joint prime contractors Astrium and Thales. Essaim, launched in 2004, is a system of four micro-satellites for analysing and mapping the electromagnetic environment of the Earth's surface. It was initially envisaged to operate for just three years.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/essaim-demonstrator-in-orbit-experimental-phase-extended>

19 August

Launch of Inmarsat-4 F3 telecommunications satellite

The third Astrium-built Inmarsat-4 satellite was launched on 19 August on board a Proton Breeze M rocket from Baikonur in Kazakhstan. The three Inmarsat-4 spacecraft have been built by Astrium to support operator Inmarsat's mobile broadband services, delivering voice and broadband data connectivity to users at sea, on land and in the air.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/inmarsat-4-f3-satellite-successfully-launched-from-baikonur>

8 August

Arabsat's Badr-6 satellite delivered in orbit

The Badr-6 satellite built by Astrium, launched on 7 July, was handed over to Riyadh-based operator Arabsat as part of the in-orbit delivery contract and is in commercial service. The high-power broadcast satellite Badr-6, the third spacecraft built by Astrium for Arabsat, covers the Middle East and Africa.

<http://www.astrium.eads.net/en/press-center/press-releases/2008/astrium-delivers-arabsat2019s-badr-6-satellite-in-orbit>

ATV

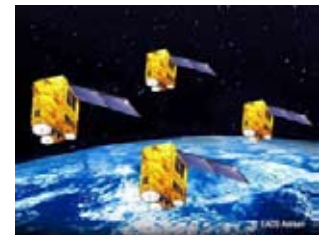
At 15:45 on Monday 29 September, the ATV Jules Verne completed its final manoeuvre, controlled disintegration in the upper layers of the atmosphere



© ESA

Essaim

The Essaim system is providing useful information for the creation of ELISA, the next electromagnetic intelligence demonstrator, which will be produced by the same industrial consortium



© EADS Astrium



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Inmarsat-4

Astrium is prime contractor for both platform and payload of all three Inmarsat-4 satellites. The satellites are identical and interchangeable – their coverage is programmable and can be reconfigured in orbit

About Astrium

Astrium is global space industry leader, with world-class expertise and extensive prime contractor experience across all sectors of the space business – launch vehicles, manned space activities, civil and military satellite systems and services.

Astrium employs 12,000 people in France, Germany, the United Kingdom, Spain and the Netherlands.

Astrium is a wholly owned subsidiary of EADS, a global leader in aerospace, defence and related services.

For more information:

www.astrium.eads.net

