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Telespazio (Finmeccanica/Thales) takes part in the Farnborough Airshow 2008

Telespazio, a Finmeccanica/Thales company, is to take part in the Farnborough International Airshow 2008 that will be held near London from 14 to 20 July. As one of the world's leading operators in satellite services, Telespazio will be exhibiting within the Finmeccanica stand its activities in the sectors of earth observation, integrated communications, navigation and in-orbit satellite control. In particular, the company will be illustrating its role in the Galileo, COSMO-SkyMed and SICRAL programmes.

As part of the **Galileo** European satellite navigation programme, Telespazio is building one of the control centres for the 30 satellites constellation at the Fucino Space Centre. In addition, it supplied the launch services and is currently involved in the operational management of the GIOVE-B mission, developed by ESA for in-orbit validation of the technological solutions that will be used on board the Galileo satellites. Telespazio will also supply the in-orbit operational and integrated logistics services for the IOV phase of the Galileo programme, which will see the launch of the first four operational satellites of the constellation by 2010.

At the Farnborough Airshow, Telespazio will introduce some of the applications based on the EGNOS system, the forerunner to Galileo, for the monitoring and control of dangerous goods (M-Trade and METIS programmes).

In the area of geospatial information, the company will also present applications developed using the radar data from **COSMO-SkyMed**, the innovative satellite system financed by ASI and the Italian defence ministry for environmental protection, emergency management, territorial defence and security. Telespazio has played a key role in this programme, taking responsibility for the entire ground segment. The COSMO-SkyMed satellites (the first two were launched in 2007, while the third and fourth will go into orbit in 2008 and 2009 respectively) are controlled by the Fucino Space Centre, while the data acquired by the satellites, used for civil applications, are collected and processed by the Matera Space Centre.

The data from COSMO-SkyMed will be sold on the international market by **e-geos**, a joint venture between ASI and Telespazio based in Rome and Matera. This company will be introduced at a press conference to be held in the auditorium of the Finmeccanica stand on Wednesday 16 July.



Telespazio, a joint venture between Finmeccanica (67%) and Thales (33%), is a world leader in satellite services: from management of satellites to earth observation services, from satellite navigation to broadband multimedia telecommunications. Telespazio plays a leading role in the reference markets harnessing technological experience acquired over the years and through its participation in major European space programs such as: Galileo, EGNOS, GMES and COSMO-SkyMed. The company in 2007 generated sales of EUR 395 million, and employed around 1,700 staff.

Telespazio is the main provider of satellite services and applications to the Italian defence ministry, and plays a strategic role in the **SICRAL** programme. For SICRAL 1, the first Italian satellite for military communications, Telespazio managed the launch and early orbit phase (LEOP), as well as the design, integration and testing phases of the ground segment. The new SICRAL 1B satellite will be launched by the end of 2008, and Telespazio will use part of its transmission capacity to offer telecommunications services to NATO countries.

In the sector of **homeland security**, Telespazio designs and builds integrated broadband telecommunications networks for civil protection agencies, fire services and rescue teams responding to emergencies or natural disasters. In the external display area of the Finmeccanica stand at Farnborough, Telespazio will be introducing its Nomadic Communication Trailer, an air-transportable unit which, during emergencies, can create a virtual telecommunications hub capable of connecting mobile phones, radios and computers used by the rescue teams.