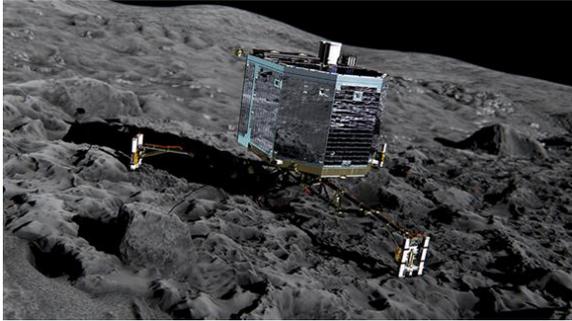


Flux A/S components has travelled 6.4 billion km – in Rosetta.



Asnæs, November 13 2014

Wednesday landed "Philae" on the comet 67P/Churyumov-Gerasimenko – after spacecraft Rosetta has brought it on a 6.4 billion kilometer long travel in space since 2004.

In spacecraft Rosetta are components from Flux A/S in Asnæs delivered to several Danish and foreign companies, which have equipment in the spacecraft.

Back in August, Rosetta was slowed and awakened after its long journey through the solar system. Wednesday landed Philae on the approximately 4 km long "ice block", which moves through the space at a speed of up to 135.000 km/h.

The European Space Agency (ESA) consider the mission as one of the most challenging ever. The journey has lasted for more than 10 years, and along the way Rosetta has circled five times around the sun in extreme temperatures from -150°C to +150°C, before it finally reached its destination.

Rosetta is named after the famous Rosetta Stone, which helped scientists decipher the Egyptian hieroglyphs 200 years ago. Similarly, scientists hope that Rosetta, the spacecraft, may help to solve mysteries about our solar system.

Comets are interesting, since their composition reflects how the solar system was, when it was created more than 4600 million years ago.

Flux A/S in Asnaes has participated in the development of components for solar and electronic control, which is part of both Rosetta and Ariane 5. In each of these Ariane 5 launches Flux A / S delivers about 500 parts.

Since 1995, Flux A/S has delivered more than 200,000 components for aerospace projects in Europe, USA and Asia.

Spacecraft Rosetta

Rosetta weighs about 3 tonnes, of which more than half of the weight is fuel used to adjust course and speed.

The spacecraft carries 11 scientific instruments to make detailed measurements of the comet's composition. In addition Rosetta carries the lander Philae of about 100 kg.

Wednesday November 12, 2014 Philae was shipped from Rosetta, which at that time was at a distance of around 1 km above the comet. Before shipment of the module, Rosetta carefully investigated the surface of the comet to select the best landing site.

The landing took place in pace of about 1 meter per second. Immediately after the landing, harpoons was fastened to secure Philae, as the comet has insufficient gravity to maintain Philae.

The lander shall take pictures of the surface, and to understand the material composition of the comet, the module will also need to drill some 30 cm deep holes in the surface, and then analyze gases, dust grains, ice etc. Rosetta will continue to soar over the comet and make observations about the changes that will occur when the comet approaches the sun.

The mission of Rosetta is expected to be completed in December 2015 after 12 years of exploration. In 2015 the comet will reach its lane closest to the sun, and will then begin its journey to the outer solar system again.

For further information, please contact

Claus Schleiter
CEO
Tel.: +45 21651577
Email: cs@flux.dk

Lars A. Gregersen
Sales Manager Space, Aerospace & Defence
Tel.: +45 29619077
Email: lag@flux.dk

