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## ROLIS-camera takes closest picture of Churyumov-Gerasimenko

*12 November 2014*

The image shows comet 67P/CG acquired by the ROLIS instrument on the Philae lander during descent on Nov 12, 2014 14:38:41 UT from a distance of approximately 3 km from the surface. The landing site is imaged with a resolution of about 3m per pixel.

The ROLIS instrument is a down-looking imager that acquires images during the descent and doubles as a multispectral close-up camera after the landing. The aim of the ROLIS experiment is to study the texture and microstructure of the comet's surface. In the upper right corner a segment of the Philae landing gear is visible.

ROLIS (ROsetta Lander Imaging System) is a descent and close-up camera on the Philae Lander. It has been developed by the DLR Institute of Planetary Research, Berlin.

### **The mission**

Rosetta is an ESA mission with contributions from its member states and NASA. Rosetta's Philae lander is funded by a consortium headed by DLR, the Max Planck Institute for Solar System Research (MPS), CNES and the Italian Space Agency (ASI).

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**Comet 67P/Churyumov-Gerasimenko from three kilometres away**



This image was acquired by the ROLIS instrument on board Philae at 15:38:41 CET on 12 November 2014 as Philae approached the comet for landing. It was taken from about three kilometres above the comet's surface and has a resolution of about three metres per pixel.

Credit: ESA/Rosetta/Philae/ROLIS/DLR .

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