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Mobile Ku-Band Receive Demonstrator project kicked off

Noordwijk, Weßling – The co-operation of nine international partners is awarded by ESA to study the future of satellite based data delivery to vehicles. The project 'Ku Mobile' (Mobile Ku-band Receive only Terminal Demonstrator) was kicked off today under the lead of SES Astra.

About 'Ku Mobile'

Imagine a future car fitted with the latest telecom systems - innovative services could easily be part of a whole portfolio of information services made available for driver and passengers.

The project will investigate and demonstrate a very cost-effective system for delivery of personal radio and multi-media services to moving vehicles by the use of end-of-life, inclined-orbit, Ku-Band satellites.

The management of content delivery such, that signal blocking effects due to the mobility of the user are mitigated and users appear to receive an uninterrupted stream of personalised radio and multimedia content is main focus of the project.

TriaGnoSys is responsible to design and integrate the landmobile Ku satellite antenna and the regarding pointing, acquisition and tracking system.

Ku Mobile project team: SES Astra, BMW Group, DLR, Deutsche Welle, Dornier Consulting, Fraunhofer ISS, Institut für Rundfunktechnik, TU Braunschweig, TriaGnoSys

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