**First Galileo-only position: Galileo works!**

**A-Roll**

10:00:00

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| Images | Text |
| ESA Navigation Laboratory, ESTEC, Noordwijk, NL - 12/03/2013ESA Graphics : Satellite Navigation  | 10:00:11A historical achievement for Europe with the first Galileo-only position fix performed.This is the Navigation Laboratory at ESA’s centre in the Netherlands. On the screens the data coming from Space.. This is where the signals transmitted by the 4 Galileo satellites currently orbiting the Earth are computed.For the first time ever the 4 satellites have been activated together to transmit their navigation messages. In the lab, ESA experts were anxious to see if theory was confirmed by the facts, if the receivers would indeed give the correct position, a fix of longitude, latitude and altitude.  |
| ITW Didier Faivre, Director of Satellite Navigation Programmes / European Space Agency / ESTEC - 12/03/2013 | 10:00:56 |
| ESA Graphics / Galileo In Orbit Validation | 10:01:18With the 4 satellites - the minimum requirement for satellite navigation - Galileo is now like a mini constellation working with its ground stations located around the globe.These stations command and monitor the satellites. They also send the navigation messages relayed by the satellites.  The system as it now stands is representative of the definitive infrastructure and now undergoes what is called the In Orbit Validation phase: a critical period to check if the design is actually working as expected.  |
| ITW Javier Benedicto, Galileo Project Manager, European Space Agency / ESTEC – 12/03/2013 | 10:01:52 |
| ESA Mobile Lab Van / Noordwijk, Nl – 12/03/2013ESA Graphics / Galileo Constellation | 10:02:20A mobile laboratory van will also be used all over Europe to check the quality of the Galileo signals.The success of this new Galileo milestone is a confidence boost for the full deployment of the European Satellite Navigation system with Galileo’s early services to start at the end of 2014. |

10:02:41 END of Aroll

**B ROLL**

10:02:41 ITW Didier Faivre/ ESA Director of Navigation Programmes in EN -12/03/2013

10:03:12 ITW Didier Faivre/ ESA Director of Navigation Programmes in FR -12/03/2013

10:03:45 ITW Javier Benedicto/ ESA Galileo Programme Manager in EN -12/03/2013

10:05:54 ITW Javier Benedicto/ ESA Galileo Programme Manager in SPANISH -12/03/2013

10:07:47 ITW Javier Benedicto/ ESA Galileo Programme Manager in FR -12/03/2013

10:08:58 ITW Marco Falcone / ESA Galileo System Manager in EN - 12/03/2013

10:08:58 ITW Marco Falcone / ESA Galileo System Manager in EN - 12/03/2013

10:10:13 ITW Marco Falcone / ESA Galileo System Manager in IT - 12/03/2013

10:11:07 Establishing shots Noordwijk, NL with ESTEC / ESA Research Centre - 12/03/2013

10:11:34 Satellite Navigation Laboratory, ESTEC/ Noordwijk,

ESA experts during First Galileo position - 12/03/2013

10:12:23 First determination of ground location in Sat Nav Lab : Success! ESTEC- 12/03/2013

 Sat Nav lab/ ESTEC: screens showing Galileo determination/

Circles with determination plot and Galieo sat positions on orbit - 12/03/2013

10:13:32 Galileo In Orbit Validation Graphics – ESA images

10:16:44 ESA Mobile Lab Van checking first Galileo messages in Noordwijk - 12/03/2013

10:17:37 END of Broll