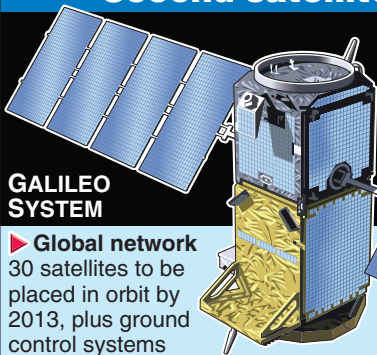


Second satellite for Galileo programme



GALILEO SYSTEM

► Global network

30 satellites to be placed in orbit by 2013, plus ground control systems

► **Global coverage:** Even includes polar regions. More satellite viewing angles to avoid terrain blocking

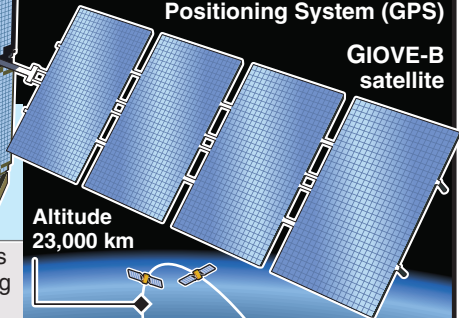
► **Accuracy:** Positions determined to within a few centimetres – much more precise than GPS system

► **Compatible with GPS:** Civilian users receive common signal from GPS and Galileo satellites

► **Independence:** First civilian system to offer global coverage

Galileo in orbit: *Signals from at least four satellites are needed for receiver to determine exact position on Earth*

GIOVE-B is the second satellite to test technology for Europe's *Galileo* global satellite navigation project, which aims to rival the existing U.S. Global Positioning System (GPS)



GIOVE-B satellite

Altitude
23,000 km

