



# TRI-FREQUENCY GPS WITH CENTIMETRE-LEVEL PRECISION

*Real-time processing for accurate centimetre-level positioning*

## Technological advantages

### Global and worldwide positioning service

80 reference stations around the world suffice

Compatible with RT-IGS network

Base line grid > 1000 km

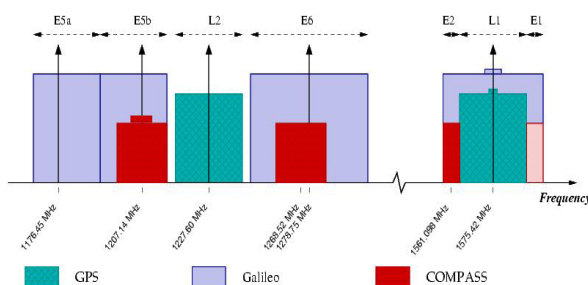
### Autonomy and efficiency

Provides users with a correction service

Software solution compatible with existing systems

Worldwide coverage possible

Cold start (initialisation) time of a few minutes at the most (as against 30 minutes for dual frequency)



Graphic representation of the invention:  
Galileo spectrum

## Results obtained with Galileo

### Summary of the invention

A new method for global and worldwide positioning with centimetre-level precision based on resolution of wide-lane ambiguity in non-differentiated measurements from a network of GPS stations.

### Potential applications

Precision agriculture

Precision guidance

Offshore operations

Tri-frequency stations

### Complementary information sheets

B0704 CENTIMETRE-LEVEL PRECISION GPS

## Commercial advantages

### Rapid implementation

#### Leader in several sectors

- Scientific: oceanography, tracking of terrestrial fauna
- Professional: vehicle guidance, topographical surveys

### Unique range of products

Software solution compatible with a tri-frequency receiver.

Offers a large-scale service

Increases the range of services

TRL 4-5  
Patented invention available under licence