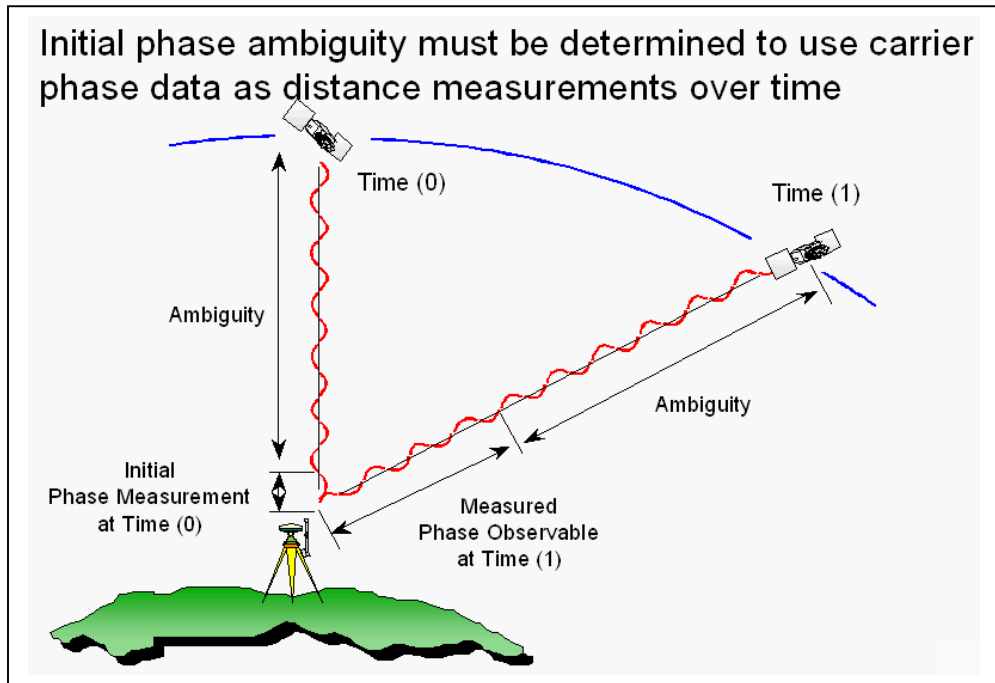


Question

What does the term ambiguity mean with respect to GPS?

Answer

The ambiguity is the unknown integer number of cycles of the reconstructed carrier phase contained in an unbroken set of measurements from a single satellite pass at a single receiver (see figure below).



The ambiguity status in SKI-Pro is an essential indicator if you want to achieve centimetre level accuracy with short observation times (rapid static).

What is an ambiguity?