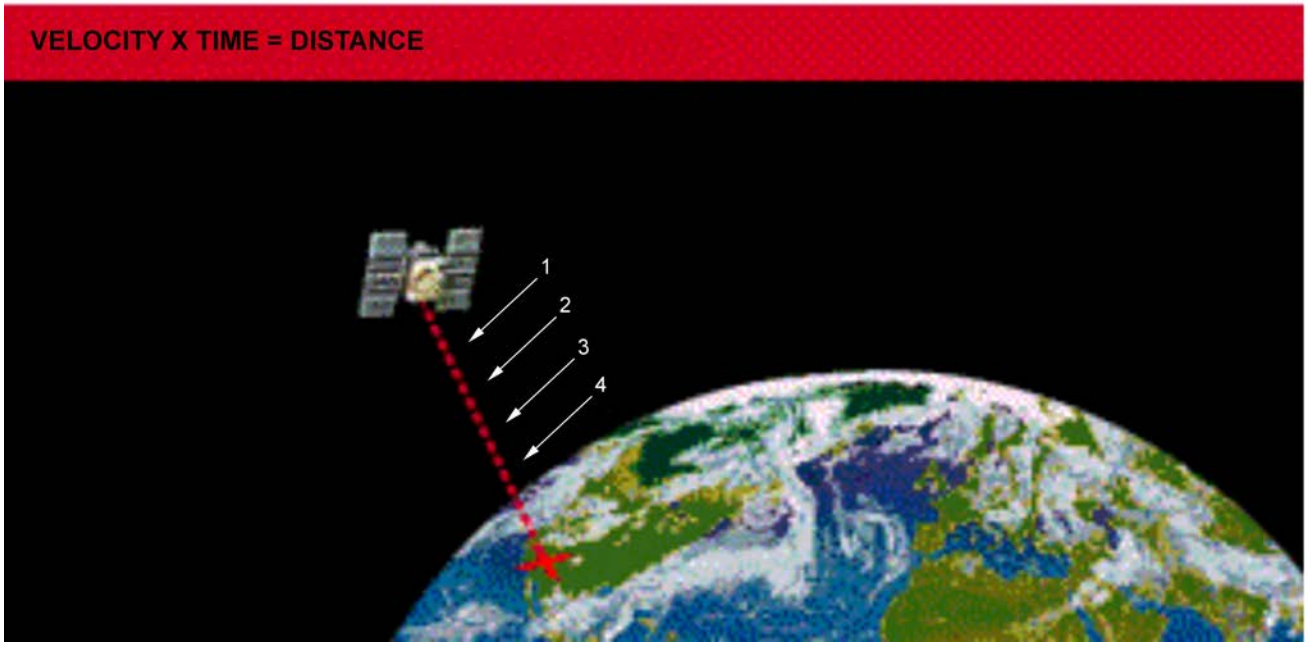
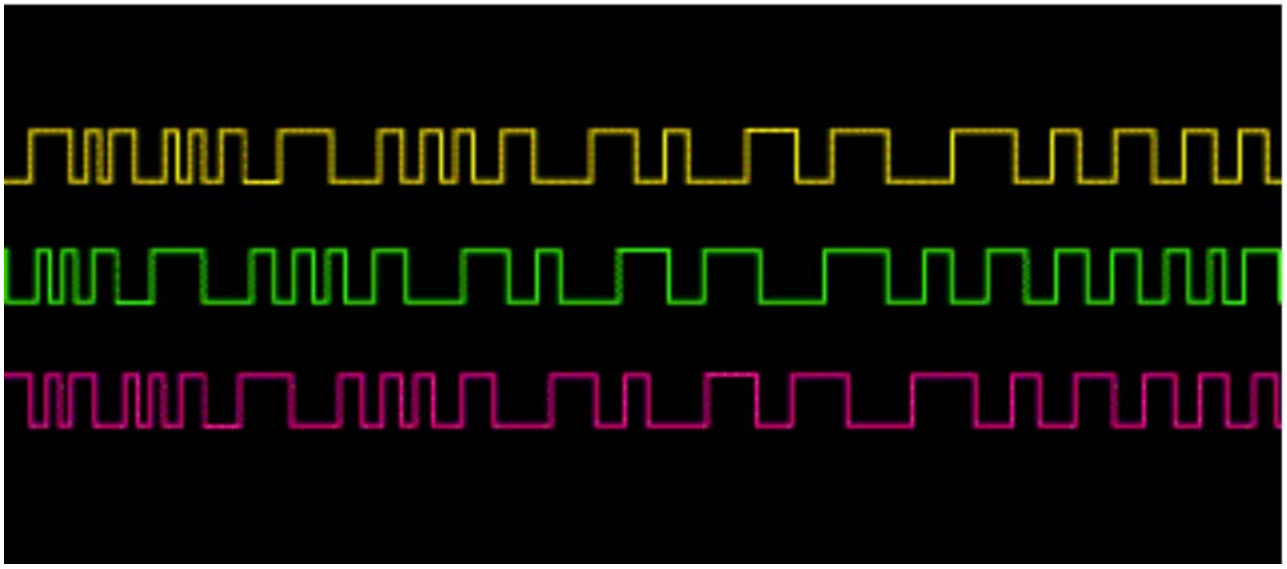
GPS SATELLITES



"GPS Tutorial", Trimple Navigation Limited, 2008, How GPS Works? Copyright 2008 by Trimple Navigation Limited. Retrieved April 11, 2008, from http://www.trimble.com/gps/howgps-triangulating.shtml

Figure AA-1 Travelling Down



"GPS Tutorial", Trimple Navigation Limited, 2008, How GPS Works? Copyright 2008 by Trimple Navigation Limited. Retrieved April 11, 2008, from http://www.trimble.com/gps/howgps-triangulating.shtml

Figure AA-2 Coded Signals

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Verify against the official publication.

THE CHALLENGE OF TIMING

Timing is tricky.

Precise clocks are needed to measure travel time.

The travel time from a satellite directly overhead is about 0.06 seconds.

The time required to synchronize the receiver's internal coded pulses with the satellite's coded pulses is equal to the travel time.

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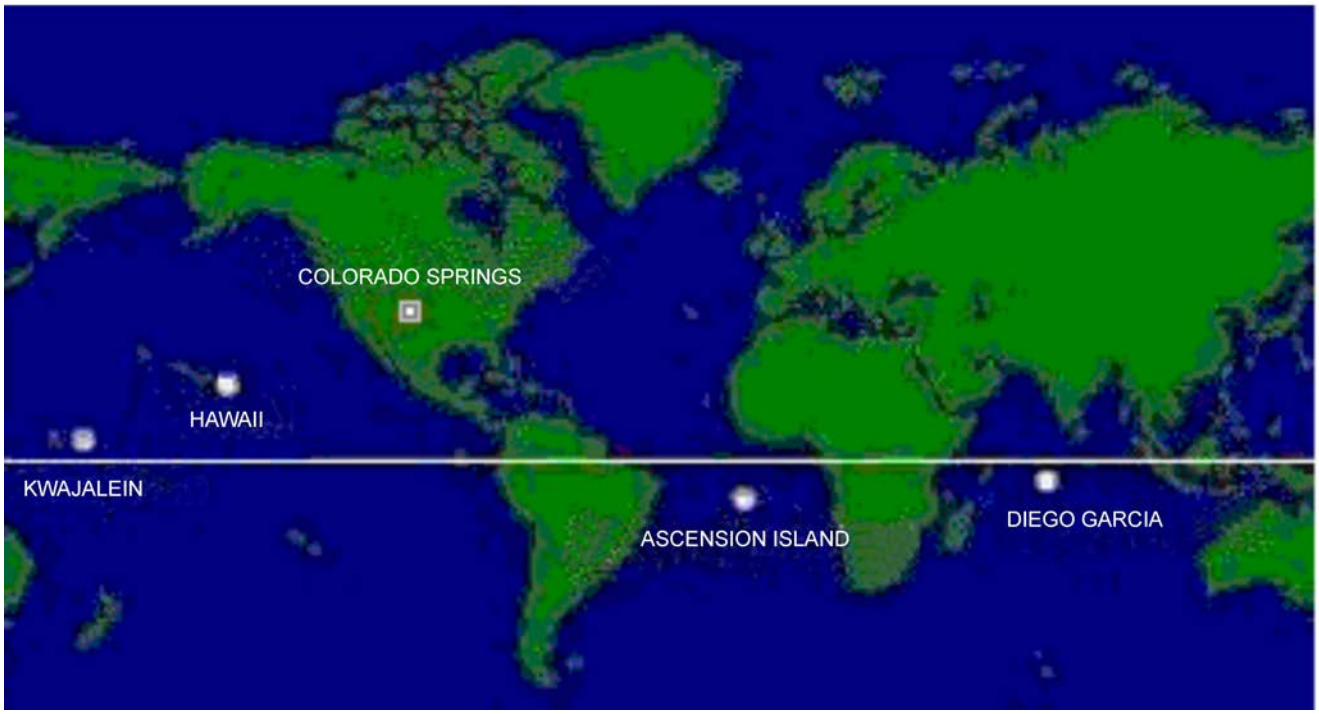
Verify against the official publication.



"GPS Control Segment", Millennium Telecomm Corp (MTC), Control Stations, Copyright 2007 by Phoenix Tree Technology Corp. Retrieved April 15, 2008, from http://ufindit.com/GPS-stations.asp

Figure AA-3 GPS Control and Monitoring Stations

Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.

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Verify against the official publication.