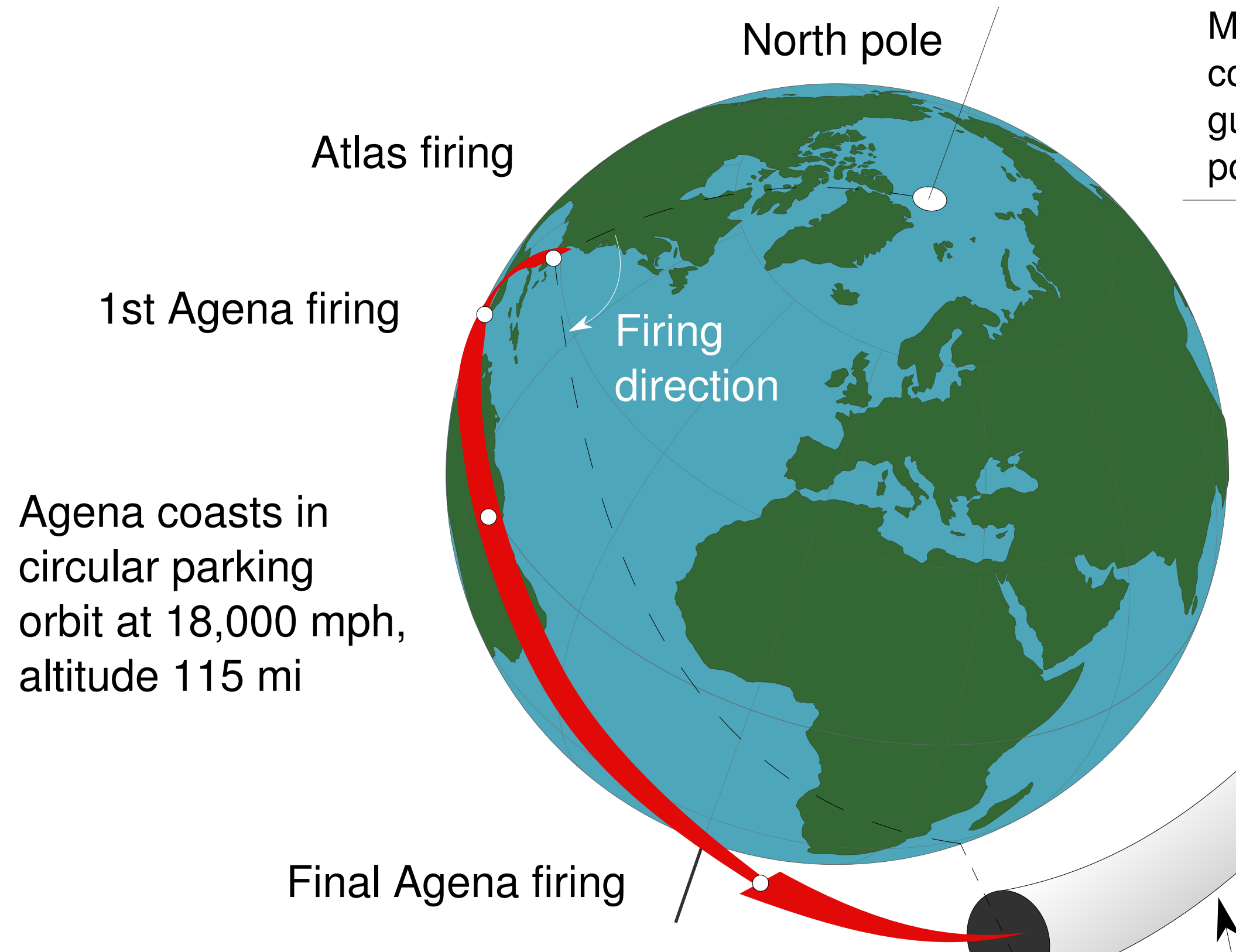
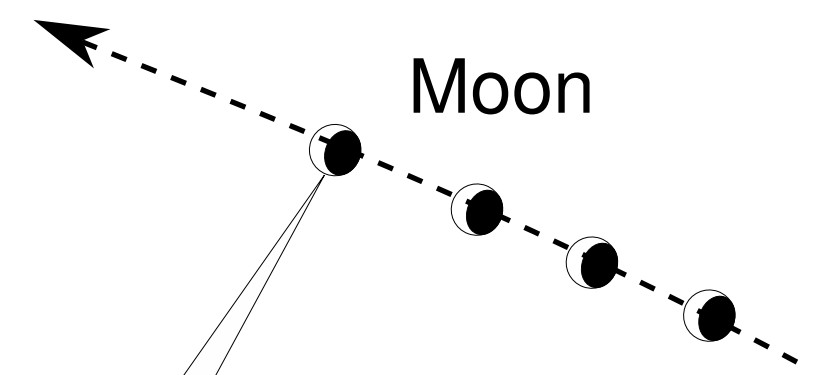


# Early in day

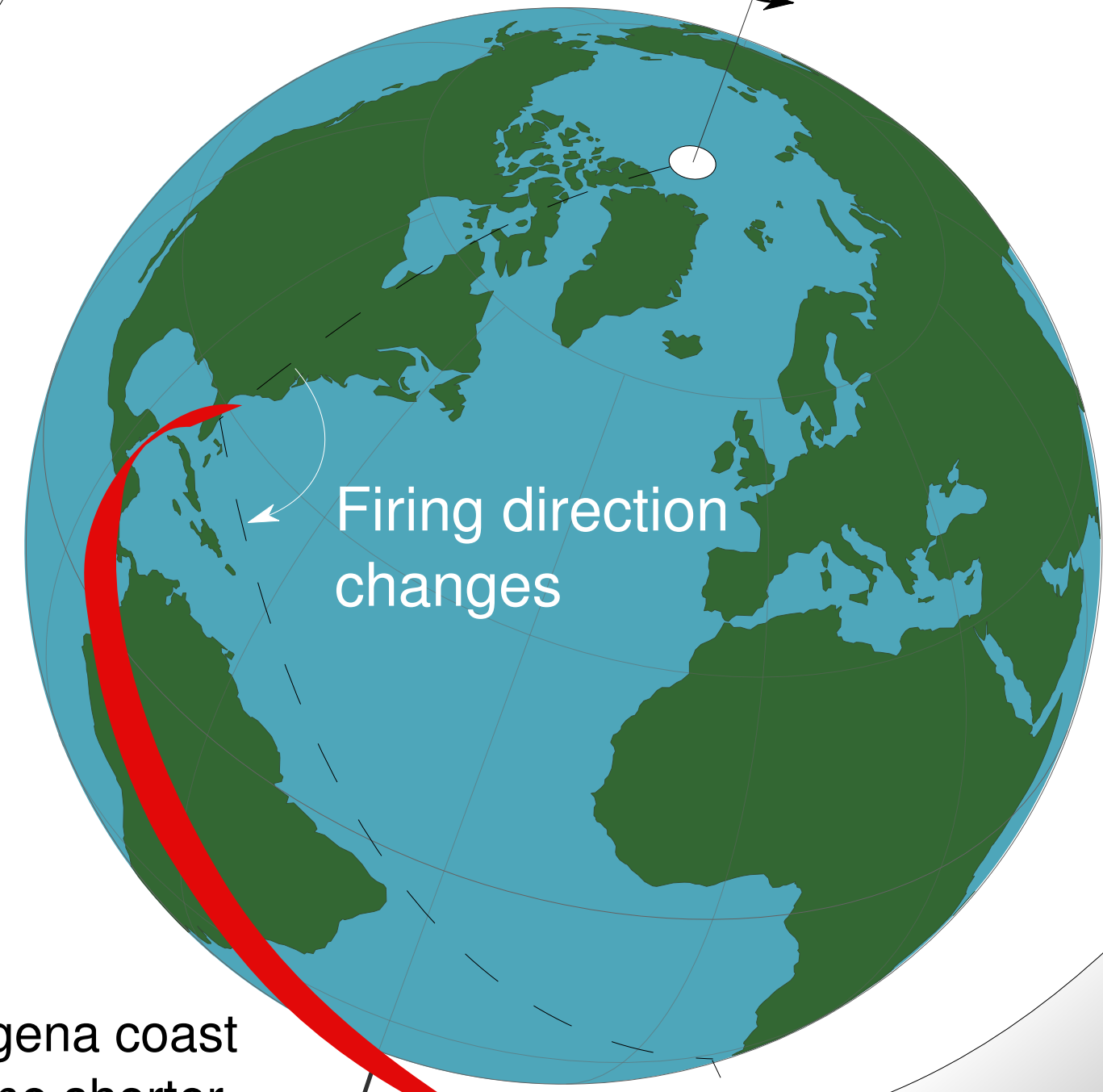


Agena coasts in circular parking orbit at 18,000 mph, altitude 115 mi

Midcourse maneuver corrects initial guidance errors of position and velocity.



Earth rotates eastward.



Agena coast time shorter.

# Later in day

Corridor opening over south atlantic.

If Ranger enters 10-mile-diameter circle within 16 mph of desired injection velocity, then midcourse motor can adjust trajectory for lunar impact. Desired injection velocity varies from 24,520 to 24,540 mph depending on date of launch.

Moon corridor relatively fixed in space for any launch day.