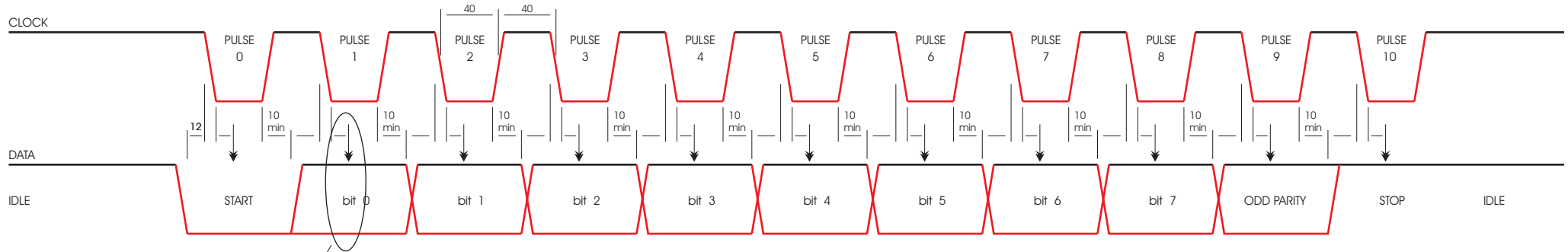


## DEVICE TO HOST

CLOCK PULSES GENERATED BY THE DEVICE  
DATA GENERATED BY THE DEVICE

## PS/2 PROTOCOL Timing diagram

Agustín T. Ferrari Nicolay  
24 MAY 13



The arrow denotes the micro reading data  
some time after the initial edge of each pulse

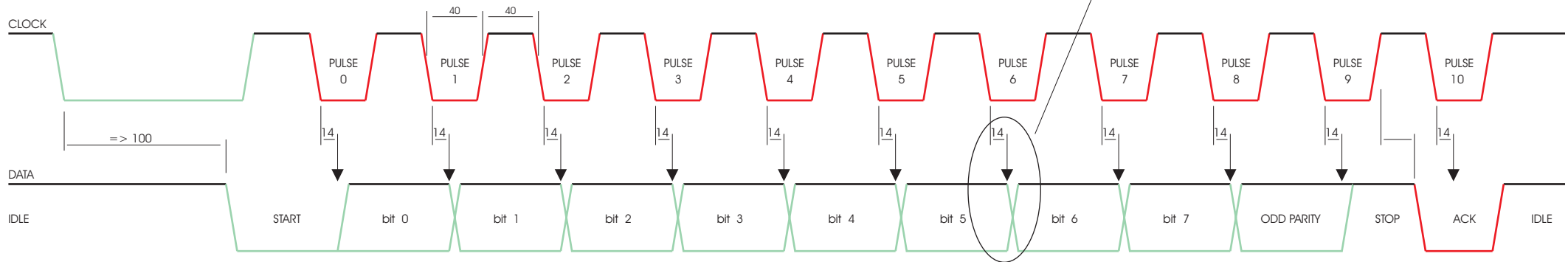
IN GREEN : generated by the HOST  
IN RED : generated by the DEVICE  
IN BLACK : HOST & DEVICE doing nothing

Timing in micro seconds

Clock min 10 KHz -  $T = 100 \mu\text{sec}$   
Clock max 16.7 KHz -  $T = 60 \mu\text{sec}$   
Average  $T = 80 \mu\text{sec} = (40 + 40) \mu\text{sec}$

## HOST TO DEVICE

CLOCK PULSES GENERATED BY THE DEVICE  
DATA GENERATED BY THE HOST



The arrow denotes the micro setting new data  
some time after the initial edge of each pulse