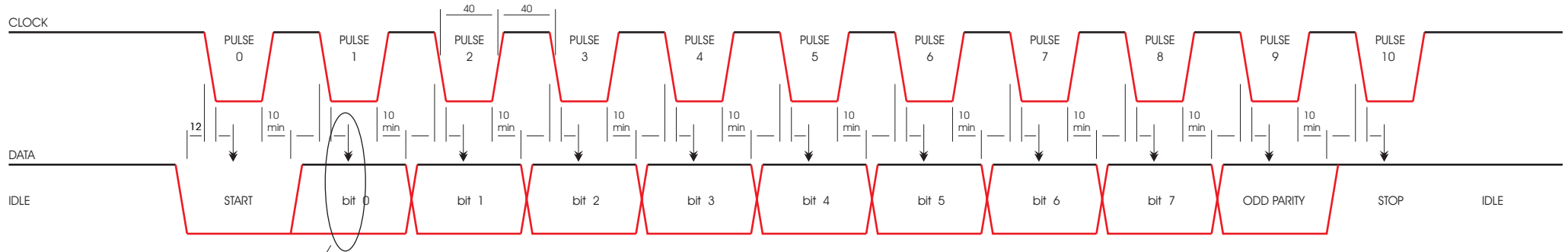


DEVICE TO HOST

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

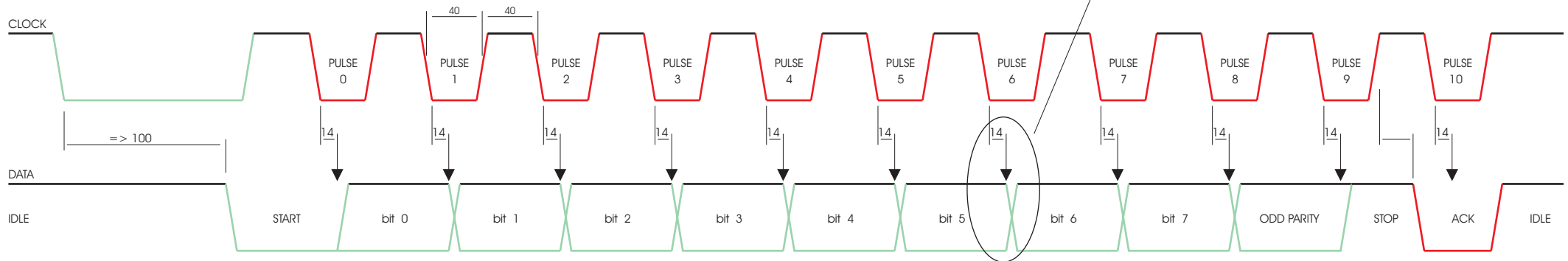
IN GREEN : generated by the HOST
IN RED : generated by the DEVICE
IN BLACK : HOST & DEVICE doing nothing

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