

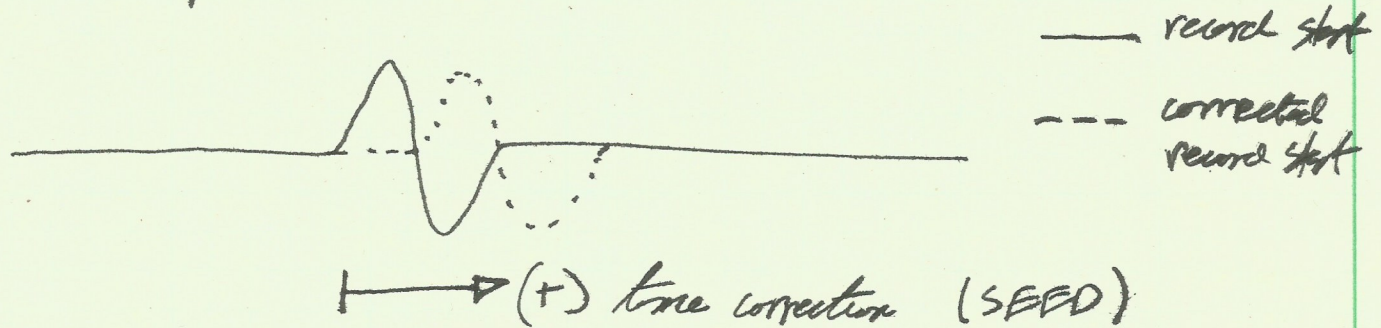
Time Correction & Time Delay, SPEED

KEEP

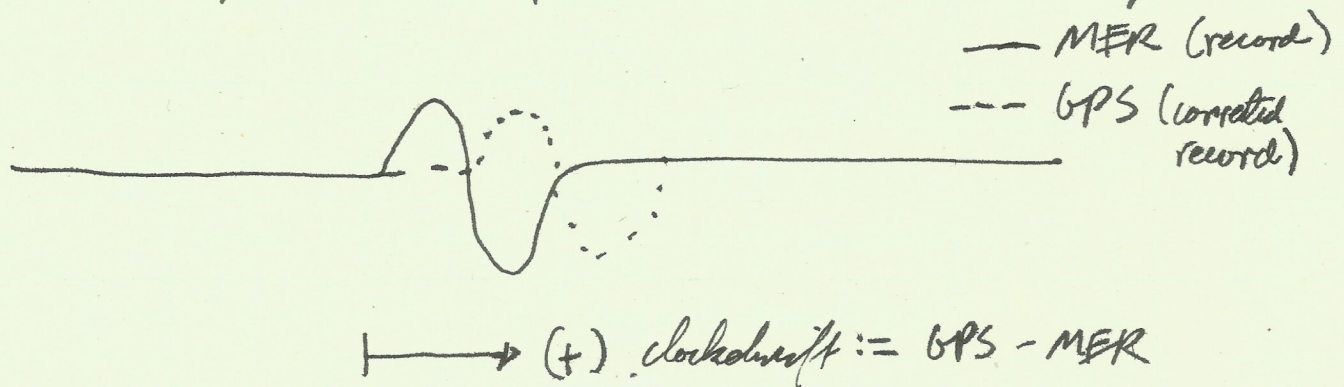
Definitions --

12-Jan-2021

FACT: a positive time correction in the MER advances record



Fact: a positive clockdrift corrector advances record forward



Fact: the sign of the SPEED time correction & the MER/MER
clockdrift correction is the same

48-byte fixed header

Fact: the sign of the SPEED time correction (pg. 109, note 16)
is opposite the sign demarcator blocklets [ST] (pg. 77, note 8)

Fact: unlike the opposite signs of the delay (advance in time) &
time correction (go back in time) of the demarcator blocklets,
the clockdrift & its clockdrift correction measure ^{time} deviation in
the same direction \Rightarrow (+) in time = advance for both
(MER trying to "catch up" w/ GPS... MER has not been delayed, yet)

(+) = advance in time for SPEED header = advance in time for clockdrift correction
= GPS ahead of MER time = MER negatively delayed wrt GPS.