Time scales since the cesium atomic frequency standard

1958-01-01

early atomic time TAI (only available in laboratories, never broadcast)
also IEEE 1588-2008 (PTP), ITU-T Rec. G.8265.1

10 seconds (elastic)

UTC broadcasts

18 seconds (POSIX)

LORAN-C navigation time broadcasts (ended in 2010)
also "right" zoneinfo, IBM z/OS, IEEE 1588-2002 App. B (PTP)

27 seconds (leap)

UTC broadcasts with leap seconds ITU-R Rec. TF.460

since 2017-01-01 (TAI - UTC) = 37 seconds

18 seconds (GPS - UTC)

GPS navigation time broadcasts
also Galileo, ATSC, Android, IRNWT

BD1

BeiDou

MSW10T

radio broadcasts

UT (time and date from counting days of earth rotating w.r.t. the sun)

radio broadcasts


Calendar Year

Steve Allen https://www.ucolick.org/~sla/leapsecs/