

Sun (x10)

Initial Earth (x1000)

Final Mars (x1000)

- Earth Orbit

- - Mars Orbit

—Departure CR3BP Arc (TOF = 217 d)

Departure Conic Arc (TOF = 294 d)

Bridge Conic Arc (TOF = 203 d)

- Arrival Conic Arc (TOF = 0.185 d)

-Arrival CR3BP Arc (TOF = 446 d)

• $\Delta v_1 = 2.154 \text{ km/s}$

 $\Delta v_2 = 3.144 \text{ km/s}$