

Sun (x10)

Initial Earth (x1000)

Final Mars (x1000)

- - Earth Orbit

- - Mars Orbit

—Departure CR3BP Arc (TOF = 238 d)

Departure Conic Arc (TOF = 269 d)

Bridge Conic Arc (TOF = 201 d)

-Arrival Conic Arc (TOF = 12.2 d)

—Arrival CR3BP Arc (TOF = 446 d)

• $\Delta v_1 = 2.419 \text{ km/s}$

 $\Delta v_2 = 3.205 \text{ km/s}$