**Software Corrections (Errata) to the JPL CDROM**

The enclosed are improvements to the software on the CDroms.

1) In "testeph.f" on both CDroms, line 95 should now be INTEGER LINE/0/

2) In "testeph.f" on both CDroms, the statement at line 142 was
   \[ \text{DEL=DABS}(R(NCOORD)-XI)/(DABS(R(NCOORD))+DABS(XI)) \]
   it should be replaced by:
   \[
   \text{DEL=DABS}(R(NCOORD)-XI) \\
   \text{if(ntarg .eq. 15 .and. ncoord .eq. 3)} \\
   * \text{del=}del/(0.23d0*(et-2451545.d0))
   \]

3) In "testeph.f" on both CDroms, the statement that was at line 446 should now be
   \[ \text{IF(FIRST) CALL STATE(0.D0,0,0,0.D0)} \]

4) In "asc2eph.f" on both CDroms, the statement near line 190 was
   \[
   \text{READ (*,'(2I6,3000(/3D26.18))',IOSTAT =IN)} \\
   . \quad \text{NRW, NCOEFF, (DB(K),K=1,NCOEFF)}
   \]
   it should replaced by:
   \[
   1 \text{ READ(*,'(i6)')NRW,NCOEFF} \\
   \text{if(NRW .EQ. 0) GO TO 1} \\
   \text{READ (*,'(3D26.18)',IOSTAT =IN) (DB(K),K=1,NCOEFF)}
   \]

5) In "asc2eph.f" on the DE406 ascii CDrom only "***:
   "3D26.18" in line 268 should be replaced by "3D23.15"

6) In "asc2eph.f" on both CDroms, the 4th from last line was
   \[ \text{READ (*, '(A)') BLANK} \]
   it should now be:
   \[
   \text{IF(HEADER .NE. 'GROUP 1070') READ (*, '(A)') BLANK}
   \]