

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
DEL=DABS(R(NCOORD)-XI)/(DABS(R(NCOORD))+DABS(XI)) it should be replaced by:

```
DEL=DABS(R(NCOORD)-XI)
if(ntarg .eq. 15 .and. ncoord .eq. 3)
* del=del/(0.23d0*(et-2451545.d0))
```

- 3) In "testeph.f" on both CDroms, the statement that was at line 446 should now be
IF(FIRST) CALL STATE(0.D0,0,0,0.D0)
- 4) In "asc2eph.f" on both CDroms, the statement near line 190 was

```
READ (*,'(2I6,3000(/3D26.18))',IOSTAT =IN)
.   NRW, NCOEFF, (DB(K),K=1,NCOEFF)
```

it should be replaced by:

```
1 READ(*,'(2i6)')NRW,NCOEFF
if(NRW .EQ. 0) GO TO 1
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

```
READ (*, '(A)') BLANK
```

it should now be:

```
IF(HEADER .NE. 'GROUP 1070') READ (*, '(A)') BLANK
```