

### Contents of parameters and variables used in program L1b2L1aLEAMPDS.f

| name                 | type              | contents                      |
|----------------------|-------------------|-------------------------------|
| Parameters           |                   |                               |
| cr                   | char*1            | carriage return               |
| dt                   | real*4            | sample interval in ms         |
| Variables and Arrays |                   |                               |
| df                   | char*1 x31 array  | data flags                    |
| dfj                  | char*1            | common data flag              |
| dv                   | int*4 x31 array   | data values                   |
| filen                | char*30           | output file name              |
| i                    | int*4             | temporary pointer             |
| ia                   | int*4 x31 array   | ALSEP word numbers            |
| id                   | int*4             | current day                   |
| id1                  | int*4             | starting day                  |
| id2                  | int*4             | ending day                    |
| in                   | int*2 10x45 array | input data                    |
| in4                  | int*4 5x45 array  | input data pairs              |
| in5                  | int*4             | 5 <sup>th</sup> input data    |
| in6                  | int*4             | 6 <sup>th</sup> input data    |
| it                   | int*4             | temporary part of time string |
| itd                  | int*4 x31 array   | time delays                   |
| j                    | int*4             | data number                   |
| k                    | int*4             | frame number                  |
| kd                   | int*4             | current day                   |
| kfc                  | int*4             | current ALSEP frame count     |
| kh                   | int*4             | current hour                  |
| km                   | int*4             | current minute                |
| ksyn                 | int*4             | sync bit string               |
| int*4                | data value        |                               |
| kxs                  | int*4             | sync error bits               |
| lfc                  | int*4             | last ALSEP frame count        |
| mfc                  | int*4             | LEAM frmae count              |
| newline              | log*4             | new line indicator            |
| nib                  | int*4             | number of out-of-sync bits    |
| nr                   | int*4             | record number                 |
| sec                  | real*4            | current second                |
| tf                   | char*1            | time flag                     |
| time                 | char*21           | time string                   |