

Contents of parameters and variables used in program GetLEAMHKs.f

name	type	contents
Parameters		
cr	char*1	carriage return
dt	real*4	sample interval in ms
Variables and Arrays		
badt	log*4	bad time string indicator
day	char*3	day of the year
filen	char*30	output file name
first	log*4	first data indicator
i	int*4	temporary pointer
id	int*4	current day
id1	int*4	starting day
id2	int*4	ending day
idt	int*4 x3 array	time delays
idts	int*4	delay time saved for later reference
ifc	int*4 x3 array	frame counts for LEAM HKs
in	int*2 10x45 array	input data
in4	int*4 5x45 array	input data pairs
it	int*4	temporary part of time string
j	int*4	data number
k	int*4	input frame number
kd	int*4	current day
kfc	int*4	current ALSEP frame number
kh	int*4	current hour
km	int*4	current minute
ksyn	int*4	sync bit string
kt	int*4 2x4 array	saved time array
ktt	int*4	partial time string
kv	int*4 3x4 array	current HK data values
last	log*4	last data indicator
lit	int*4	last expected partial time
ls	int*4	output pointer
lt	int*4	last time
ltbad	log*4	bad last time indicator
m3	int*4	current subcom sequence number
maj	int*4	measurement AJ number for HK channel 83
n	int*4	temporary output pointer
naj	int*4	measurement AJ number for HK channel 84
newcyc	log*4	new cycle indicator
nf	int*4	move-data-from pointer
nfc	int*4	next ALSEP frame number
nokv1	log*4	indicator for no-valid HK data
nr	int*4	input physical record number
nt	int*4	move-data-to pointer
s	int*4 x4 array	subcom sequence numbers in memry
sec	real*4	current second
tbad	real*4	bad time indicator
tf	char*1 x4 array	time flags
tgap	log*4	time gap indicator
time	char*21	ASCII time string
vf	char array	12 bytes