

Contents of variables used in program L1b2L1aSWSPDS.f

variable	contents	type
filen	base name of the output files	26 characters
mn	measurement number	5 characters
hdrw	measurement number for w header	298 5-characters
hdryz	measurement number for yz header	168 5-characters
wsm	measurement number for a given set of SWS word and sequence numbers	184x16 5-characters
recseq	not used	16x186 5-characters
tf	time flag for yz measurements	single character
tfw	time flag for w measurements	single character
cf	sequence count flag	single character
dfj	data flag	single characters
dfw	data flags for w measurements	298 single characters
dfyz	data flags for yz measurements	168 single characters
mnm	part of measurement number, w, y or z	single character
time	time string for yz output	21 characters
timew	time string for w output	21 characters
cr	carriage return	single character
in	input data	12x45 2-byte integers
nw	time delay bases	16 integers
ndw	time delays for w output	298 integers
ndyz	time delays for yz output	168 integers
wsc	output column number for a given set of SWS word and sequence numbers	184x16 integers
inc	temporary storage of input data	12x48 integers
itd	measurement delay times	298 integers
dvw	w output data values	298 integers
dvyz	yz output data values	168 integers
first	fist data indicator	single logical character
newcyc	new cycle indicator	single logical character
syncer	sync error indicator	single logical character
last	last input data indicator	single logical character
lsgood	good sequence length indicator	single logical character
ip	output column pointer	single integer
i, j & k	temporary pointers	single integers
ns	number of columns to read in	single integer
kd	day number read for clock rate	single integer
frl	frame length	single real number
id1	starting day	single integer
id2	ending day	single integer
id	current day	single integer
dt	¼ of frame length	single real number
lr	last record number	single integer

lf	last frame number	single integer
ls	last input section pointer	single integer
ks	current input section pointer	single integer
js	supplementary input data pointer	single integer
nr	record number	single integer
kc	temporary storage section counter	single integer
kd1	current data word 1	single integer
j2	secondary data word pointer	single integer
k2	secondary section pointer	single integer
kd2	current data word 2	single integer
kwd	SWS word number	single integer
ksq	SWS sequence number	single integer
kcy	SWS cycle number	single integer
lcy	last cycle number	single integer
in2	input word 2	single integer
in3	input word 3	single integer
in4	input word 4	single integer
it	temporary part of time string	single integer
kd	current day	single integer
kh	current hour	single integer
km	current minute	single integer
sec	current second	single real number
nwd	word pointer	single integer
mwd	end of word	single integer
in5	input word 5	single integer
in6	input word 6	single integer
ksyn	sync string	single integer
kxs	bit errors in sync string	single integer
nib	number of bit errors in sync string	single integer
kfv	input flag and data	single integer
kf	flag bits	single integer
kv	data value	single integer