

IX.3.7C-SYSTEM-FCSEGN COMMON BLOCK FCSEGN

Purpose

Common block FCSEGN contains Segment definition information and is read from file FCSEGSTS.

Listing

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COMMON /FCSEGN/ IRSEG, IDSEGN(2), IUPSEG(2,5), IDNSEG(2,2), IPREC, IWOCRY,
                UFGID(2), ICGID(2), SGDSCR(5), ICRDTE(5), MINDT,
                XLAT, XLONG, NC, ND, NT, NTS, NP, NCOPS, INCSEG(20),
                IDEFSG, IEREC, IWKLOC, OPEN
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Variable Description

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
IRSEG	I*4	1	1	Record number in file FCSEGSTS
IDSEGN	A4	2	2	Segment identifier
IUPSEG	A4	(2,5)	4	Upstream Segments (blank if none)
IDNSEG	A4	(2,2)	14	Downstream Segments (blank if none)
IPREC	I*4	1	18	Record number of first parameter record in file FCPARAM
IWOCRY	I*4	1	19	Word offset in carryover file FCCARRY
IFGID	A4	2	20	Forecast Group identifier to which this Segment belongs (blank if none)
ICGID	A4	2	22	Carryover Group identifier to which this Segment belongs (blank if none)
SGDSCR	A4	5	24	Segment description
ICRDTE	I*4	5	29	Date Segment defined or redefined: (1) = month (2) = day (3) = year (4 digit) (4) = hour (military time)

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
				(5) = seconds and hundredths
MINDT	I*4	1	34	Minimum time step this Segment can be run (hours)
XLAT	R*4	1	35	Latitude in degrees and decimal degrees - range of +90 to -90 (positive for north) - value if undefined is 100
XLONG	R*4	1	36	Longitude in degrees and decimal degrees - range of +180 to -180 (positive for west) - undefined when XLAT is 100
NC	I*4	1	37	Length of C array
ND	I*4	1	38	Length of D array
NT	I*4	1	39	Length of T array
NTS	I*4	1	40	Length of TS array
NP	I*4	1	41	Length of P array
NCOPS	I*4	1	42	Number of Operations with carryover
INCSEG	I*4	20	43	Carryover status for each slot: 1 = complete 0 = incomplete
IDEFSG	I*4	1	63	Definition status: 0 = defined 1 = parameters not stored 2 = time series were not found when Segment was defined
IEREC	I*4	1	64	Record number in file ESPPARM: 0 = Segment not used for ESP
IWKLOC	I*4	1	65	First available position in the D array for work space for this Segment
OPEN	R*4	1	66	Unused