

IX.4.5B-FCCOGDEF FORECAST COMPONENT DATA BASE FILE FCCOGDEF

Purpose

File FCCOGDEF contains the Carryover Group definitions.

It contains the Carryover Group names and carryover dates for each Carryover Group. It also contains information needed to access the carryover values which are stored in the file FCCARRY [[Hyperlink](#)].

The first record of FCCOGDEF is held in common block FCCGD [[Hyperlink](#)] and any one of the Carryover Group definitions are held in common block FCCGD1 [[Hyperlink](#)].

Description

ATTRIBUTES: fixed length 456 byte binary records

RECORD STRUCTURE:

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
The first record contains file control information.				
NSLOTS	I*4	1	1	Number of carryover slots in file FCCARRY (maximum value is 20)
NWR	I*4	1	2	Number of words per record in file FCCARRY
NRSLOT	I*4	1	3	Number of records per slot in file FCCARRY
		1	4	Unused
NWPS	I*4	1	5	Number of words used in each carryover slot; NWPS is always less than or equal to NWR*NRSLOT
ICRDAT	I*4	5	6	Creation date: ICRDAT(1) = month ICRDAT(2) = day ICRDAT(3) = year (4 digits) ICRDAT(4) = hour and minute (military) ICRDAT(5) = seconds and milliseconds
NCG	I*4	1	11	Number of Carryover Groups defined (maximum value is 25)

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
CGIDS	A8	25	12	Carryover Group identifiers for the NCG Carryover Groups
ICOREC	I*4	25	62	Record number in file FCCOGDEF of Carryover Group definitions corresponding to Carryover Group identifiers in CGIDS
			87-114	Not used

Records 2-26 contain a Carryover Group definitions.

CGID	A8	1	1	Carryover Group identifier
ITDEF	I*4	5	3	Date and time Carryover Group was defined: ITDEF(1) = month ITDEF(2) = day ITDEF(3) = year (4 digit) ITDEF(4) = hour and minute (military) ITDEF(5) = seconds and milliseconds
NFG	I*4	1	8	Number of Forecast Groups in this Carryover Group
MINDT	I*4	1	9	The minimum time step (in hours) that this Carryover Group can be run
CGNAME	A20	1	10	Carryover Group description
ICODAY	I*4	20	15	Julian day of the carryover values saved in each of the NSLOTS (see record 1) carryover slots; ICODAY(I) is less than or equal to zero for an unused carryover slot <u>1</u> /
ICOTIM	I*4	20	35	The internal clock hour of the carryover values saved in each of the NSLOTS (see record 1) carryover slots
LUPDAY	I*4	20	55	The Julian day of the last run that updated the values of carryover values saved in each of the NSLOTS (see record 1) carryover slots <u>1</u> /
LUPTIM	I*4	20	75	The clock time of the last run

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
				<p>that updated the values of carryover saved in each of the NSLOTS (see record 1) carryover slots; each value of LUPTIM is a nine digit integer with the following form:            hhmmsskkk            where:            hh = hours            mm = minutes            ss = seconds            kkk = milliseconds</p>
IPC	I*4	20	95	<p>The protected/completed indicator for each of the NSLOTS carryover slots:            0 = volatile and incomplete            1 = volatile and complete            2 = protected and incomplete            3 = protected and complete            An incomplete slot does not have all Segments in the Carryover Group updated and is therefore worthless. A volatile (not protected) slot can be overwritten (used for a new date). When a slot is needed for a carryover date to be saved the following hierarchy applies:            1 - use any slot with the same date and time regardless of status            2 - use the oldest volatile slot whether complete or not            3 - use the oldest incomplete slot whether protected or not            4 - if all slots are protected and complete then stop the run</p>

Notes:

1/ Day 1 is January 1, 1900.