

IX.3.3B-SYSTEM-CHEKTS SUBROUTINE CHEKTS

Description

Subroutine CHEKTS checks a time series to be used in an Operation for the following:

1. if the time series defined
2. if the time series has the correct dimension for this application
3. if the time series can contain missing values and is this consistent with this application
4. if the time series has the correct number of values per time interval

Calling Sequence

CALL CHEKTS (a,b,c,d,e,f,g,h)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
a	Input	A8	1	Time series identifier
b	Input	A4	1	Time series data type code
c	Input	I*4	1	Time series data time interval in hours
d	Input	I*4	1	Indicator if the dimension of the time series should be checked: 0 = do not check 1 = check
e	Input (d=1) Output (d=0)	A4	1	Time series data dimension code; input or output depending on the value of argument d; if d=0 then blanks are returned if the time series does not exist
f	Input	I*4	1	Indicator if the time series can contain missing values for this application: 0 = no missing values allowed 1 = missing values are allowed
g	Input	I*4	1	Number of values per time

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
	(also Output if $g = 0$)			interval that the time series can have for this application; if zero the number of values per time interval associated with the data type code is returned if the time series exists
h	Output	I	1	Status indicator: 0 = no error 1 = error encountered