IX.3.7B-FGETSG SUBROUTINE FGETSG

Description
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Subroutine FGETSG reads a Segment definition.

The Segment definition information is stored in common block FCSEGN
and the P, T and TS arrays.

The Segment to be read using either a Segment identifier or a record
number.

Calling Sequence
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CALL FGETSG (ID,IREC,MP,P,MT,T,MTS,TS,IOPT,NOPARM,IER)

Argument List
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| | Input/ | | | |
Argument	Output	Type	Dimension	Description
ID	Both	A8	1	For Input:
				Segment identifier to be read
				(used when IOPT=0)
				For Output:
				Identifier of Segment read from
				record IREC (filled when
				IOPT=1)
IREC	Input	I*4	1	Record number in file FCSEGSTS of Segment to be read (used when IOPT=1)
MP	Input	I*4	1	Maximum length of array P
P	Output	R*4	MP	P array
MT	Input	I*4	1	Maximum length of array T
T	Output	I*4	MT	T array
MTS	Input	I*4	1	Maximum length of array TS
TS	Output	R*4	MTS	TS array
IOPT	Input	I*4	1	Search indicator:
				0 = search for Segment by using
				Segment identifier
				1 = search for Segment by using
				record number
NOPARM	Input	I*4	1	Indicator if P, T and TS arrays

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           Input/
Argument   Output   Type   Dimension   Description

                                       are not to be read:
                                          0 = no
                                          1 = yes

IER        Output   I*4        1       Error code:
                                          0 = normal return - common
                                              block FCSEGN and arrays P,
                                              T and TS are filled
                                          1 = invalid arguments - either:
                                              o IOPT is not equal to 0 or
                                                1
                                              o IOPT=1 and IREC is out of
                                                range
                                              o IOPT=0 and the requested
                                                Segment does not exist
                                          2 = unable to define P, T or TS
                                              array due to lack of space
                                              (either MP, MT or MTS is
                                              too small) - values in
                                              FCSEGN are defined
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