

VI.3.4B-SEGDEF PROGRAM FCINIT COMMAND SEGDEF

Purpose

Command SEGDEF define Segments.

Command SEGDEF is used when a Segment is first defined. Command RESEGDEF is to change an existing definition.

Input Data

Card	Format	Columns	Contents
1	Free	1-72	'SEGDEF'
	Free	1-72	Enter 'NOPRINT' in field 2 if the Segment definitions are not to be printed
2		1-10	'IDENTIFIER'
	2X,A8	13-20	Segment identifier
	F10.0	21-30	Latitude in decimal degrees (positive for north)
	F10.0	31-40	Longitude in decimal degrees (positive for west)
3	A5	1-5	'TITLE'
	5X,A20	11-30	Segment description
4		1-8	'UPSTREAM'
			There can be zero to 5 upstream Segment identifiers:
	4X,A8	13-20	Identifier 1
	2X,A8	23-30	Identifier 2
	2X,A8	33-40	Identifier 3
	2X,A8	43-50	Identifier 4
	2X,A8	53-60	Identifier 5
5		1-10	'DOWNSTREAM'
			There can be zero to 2 downstream Segment identifiers:
	2X,A8	13-20	Identifier 1

Card	Format	Columns	Contents
	2X,A8	23-30	Identifier 2
6+			Segment definition deck with the time series (see Section V.2.3) and Operations Table (see Section V.3.1) used in the Segment
Repeat cards 2 through 6+ for other Segment definitions.			
Last		1-3	'END'

Example

The following input will define 3 Segments:

```

          10          20          30          40
-----+-----+-----+-----+-----+
SEGDEF
IDENTIFIER  ROSSE          40.15      107.8
TITLE      BLUERIDGE R @ ROSMAN
UPSTREAM
DOWNSTREAM  BLASE
.
define time series input for Segment ROSSE
Operations Table input for Segment ROSSE
.
IDENTIFIER  BLASE          40.1       108.1
TITLE      BLUERIDGE @ BLANTYRE
UPSTREAM   ROSSE
DOWNSTREAM WIBSE
.
define time series input for Segment BLASE
Operations Table input for Segment BLASE
.
IDENTIFIER  WIBSE          39.8       108.3
TITLE      BLUERIDGE-WILIAMSBRG
UPSTREAM   BLASE
DOWNSTREAM PORSE
.
define time series input for Segment WIBSE
Operations Table input for Segment WIBSE
.
END

```