

SUBROUTINE SBPTCK

Description

This routine checks the basin boundary points to if any lines intersect.

Calling Sequence

CALL SBPTCK (X,Y,FLAT,FLON,NBPTS,MBPTS,ISTAT)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
X	I	R*4	MBPTS	Array of X coordinate basin boundary points
Y	I	R*4	MBPTS	Array of Y coordinate basin boundary points
FLAT	I	R*4	NBPTS	Array of longitude values (decimal degrees)
FLON	I	R*4	NBPTS	Array of latitude values (decimal degrees)
NBPTS	I	I*4	1	Number of pairs of coordinates
MBPTS	I	I*4	1	Maximum dimension of arrays X and Y
ISTAT	O	I*4	1	Status code: 0 = okay 1 = error