COMMON BLOCK BOXTRC

Purpose

Contains information to facilitate debug output for quadrant estimation
results (See debug code QUAD). Other debug codes may eventually be implemented
on a degree box basis, also. This common block also is used to allow trace
levels to increase in certain degree boxes.

Listing

COMMON /BOXTRC/ NTRBOX(20), NBXDBG, LEVEL(2), IPBOXA, IBTCON

Size

25 words

Variable Description

Variable	Type	Dim.	Word Pos.	Description
NTRBOX	I	20	1	Array of degree boxes (20 max) for which debug is to be turned on.
NBXDBG	I	1	21	Number of degree boxes given in the NTRBOX array.
LEVEL	I	2	22	Two trace levels. The first element contains the default trace level, the trace level read in with HCL. The second element contains a trace level of 3. If the trace is on for this degree box, the second element is used. Otherwise, the first element is used.
IPBOXA	I	1	24	Code used to indicate that debug/trace is to be turned on for all degree boxes. 1 = Debug/trace is to be turned on for ALL degree boxes. 0 = Debug/trace is not to be turned on for all degree boxes. It is to be turned on only for those degree boxes given in the NTRBOX array.

Variable	Type	Dim.	Word Pos.	Description
IBTCON	I	1	25	Debug/trace activation code for a particular degree box. 1 = Debug/trace is on for this degree box. 0 = Debug/trace is not on for this degree box.