

IX.3.0C-SYSTEM-UDUNTX COMMON BLOCK UDUNTX

Purpose

Common block UDUNTX contains information used to convert data from one unit to another.

Listing

```
COMMON /UDUNTX/  IDUFIL,MDDIMN,MDUNIT,
                  DUCFAC(13,12),DUDIMN(13),DUUNIT(13,12),
                  DUTFAC(13),NDUNDC(13,12),
                  NNUCVN,MNUCVN,UCNVAL(5)
```

Description of Variables

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
IDUFIL	I*4	1	1	Indicator if common block has been filled: 0 = no 1 = yes
MDDIMN	I*4	1	2	Maximum number of data dimensions
MDUNIT	I*4	1	3	Maximum number of data units for each dimension
DUDIMN	A4	(13)	4	Data dimension code
DUUNIT	A4	(13,12)	*	Data units code
DUCFAC	R*8	(13,12)	*	Multiplication factor to convert data to base unit
DUTFAC	R*8	(13)	*	Addition factor to convert temperature data to base unit
NDUNDC	I*4	(13,12)	*	Number of decimal places to use when printing data values
NNUCVN	I*4	1	*	Number of values in array UCNVAL
MNUCVN	I*4	1	*	Maximum number of values in array UCNVAL
UCNVAL	R*4	5	*	Values not to be converted