

IX.3.0B-SYSTEM-MDYH SUBROUTINES MDYH1 AND MDYH2

Description

Subroutine MDYH1 converts time from internal time to the month, day, year and hour of a specified time zone where the time zone is specified by an integer number.

Subroutine MDYH2 converts time from internal time to the month, day, year and hour of a specified time zone where the time zone is specified by a 4 character code.

Calling Sequence

CALL MDYH1 (a,b,c,d,e,f,g,h,i)

CALL MDYH2 (a,b,c,d,e,f,g,h,i)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
a	Input	I*4	1	Julian day <u>1</u> /
b	Input	I*4	1	Hour (range of 0 to 23) <u>1</u> /
c	Output	I*4	1	Month <u>2</u> /
d	Output	I*4	1	Day <u>2</u> /
e	Output	I*4	1	Year (4 digits) <u>2</u> /
f	Output	I*4	1	Hour (range of 1 to 24) <u>2</u> /
g	Input (MDYH1) Output (MDYH2)	I*4	1	Number designating the specified time zone (see IX.3.0C-FCTIME); if outside range -12 to +12 internal time zone assumed; for MDYH1 calls from Operations this is usually variable NOUTZ in common block FCTIME [Hyperlink]
h	Input (MDYH1) Output (MDYH2)	I*4	1	Daylight savings time indicator: 0 = standard time 1 = daylight savings for MDYH1 calls from Operations this is usually variable NOUTDS in common block FCTIME [Hyperlink]
i	Output	A4	1	Time zone code

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
	(MDYH1)			(see IX.3.0C-FCTIME [Hyperlink])
	Input (MDYH2)			

Notes:

1/ Internal clock.

2/ For the specified time zone.