──────────────── MODULE *HourClock2* ────────────────

This module contains the definition of the specification *HC2* from the Specifying Systems book.

EXTENDS *HourClock*

This statement includes the current module, all the definitions and declarations from module *HourClock*, including the definitions of $+$ and $\%$ from the *Naturals* module and the declaration of the variable *hr*.

$HCnxt2 \triangleq hr' = (hr\%12) + 1$
$HC2 \triangleq HCini \wedge \square[HCnxt2]_{hr}$

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THEOREM $HC \equiv HC2$

This theorem asserts that formulas *HC* and *HC2* are equivalent. The symbol $\equiv$, which can also be typed as $\equiv$, is typeset as an equivalance symbol (a three-lined equals sign).

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\ * Modification History
\ * Last modified *Thu* May 16 13:07:22 *PDT* 2019 by *jasondebolt*
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