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| MODULE <i>HourClock</i> |
| EXTENDS <i>Naturals</i> VARIABLE <i>hr</i> $HCini \triangleq hr \in (1 \dots 12)$ $HCnext \triangleq hr' = (hr \% 12) + 1$ $HC \triangleq HCini \wedge \Box[HCnext]_{hr}$ |
| THEOREM $HC \Rightarrow \Box HCini$ |