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----- MODULE DayClock -----
  Statistics: Diameter = 1 States Found = 288 Distinct States = 144
EXTENDS Naturals
VARIABLE hr, dy
HCini  $\triangleq$   $\wedge$  hr  $\in$  (1 .. 24)
            $\wedge$  dy  $\in$  (0 .. 5)
HCnext  $\triangleq$   $\wedge$  hr' = (hr%24) + 1
            $\wedge$  dy' = IF hr = 24 THEN (dy%5) + 1 ELSE dy

HC  $\triangleq$  HCini  $\wedge$   $\Box$ [HCnext](hr, dy)
-----
THEOREM HC  $\Rightarrow$   $\Box$ HCini
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\ * Modification History
\ * Last modified Fri May 29 23:31:39 PDT 2015 by Me
\ * Created Tue May 19 11:15:18 PDT 2015 by Me

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