$$\begin{split} \Sigma &= \{ '0', '1', '2', '3', \dots, '9', 'w', 'd', 'h', 'm', 's' \} \\ p &= \{ '1', '2', '3', \dots, '9' \} \\ z &= \{ '0' \} \\ d &= p \cup z \\ l &= \{ 'w', 'd', 'h', 'm', 's' \} \\ \Rightarrow \Sigma &= d \cup l \\ (p).(d).(d) \dots (d) \\ n &\geqslant 1 \\ (p).(d)^* \\ ('w' \mid 'd' \mid 'h' \mid 'm' \mid 's') \\ (p.d^*).('w' \mid 'd' \mid 'h' \mid 'm' \mid 's') \\ r &= [(p.d^*).('w' \mid 'd' \mid 'h' \mid 'm' \mid 's')]^+ \end{split}$$