

1.3

$$C = 2400 \text{ bits/s}$$



$$\begin{aligned} 1 \text{ M.O.} &= 10^6 \text{ octets} \\ &= 10^6 \cdot 8 = 8 \cdot 10^6 \text{ bits} \end{aligned}$$

$$\begin{aligned} T &= \frac{8 \cdot 10^6}{2400} = \frac{\text{bits}}{\frac{\text{bits}}{\text{s}}} = \\ &= \frac{8 \cdot 10^6}{24} = 3333 \text{ s} < 1 \text{ h.} \end{aligned}$$