

Name: Leung Chun Wai

SID: 56046680

Assignment 2

A.

$$\begin{aligned}m[0] &= 45_{16} \\ frequency &= 46\end{aligned}$$

B.

The network-layer protocol used can be determined by $m[0]$, which is 0x45 in hexadecimal. According to IANA's Assigned Internet Protocol Numbers, 0x45 was assigned to SATNET Monitoring, so SAT-MON was used as the protocol.

C.

$$\begin{aligned}k[0] &= 26 \\ &= 1A_{16} \\ frequency &= 18\end{aligned}$$