

Table 2.4 *A burst error of length 5 has occurred during transmission and is detected because the check sum is not 0000000; bold-face positions denote positions in error*

| | | | | | | | | |
|---------------------|---|----------|----------|---|---|---|----------|----------|
| H \Rightarrow K | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| e \Rightarrow ENQ | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| l | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| l | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| o | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| SP | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| N | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| C | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| T | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| U | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| n | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| Check sum = | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |