

TESTING THE ETHERNET FIGURES

TEST OF ETHERNET FIGURES IN THIS FOLDER

Activity	Separation	Bit rate
Remote networks	> 10 km	< .1 Mbps
Local networks	10-.1 km	.1-10 Mbps
Multiprocessors	< .1 km	> 10 Mbps

FIGURE 1. Ethernet Table 0

Activity	Separation	Bit rate
Remote networks	> 10 km	< 0.1 Mbps
Local networks	10-1 km	0.1-10 Mbps
Multiprocessors	< 1 km	> 10 Mbps

FIGURE 1

Fig. 1. A two-segment Ethernet.

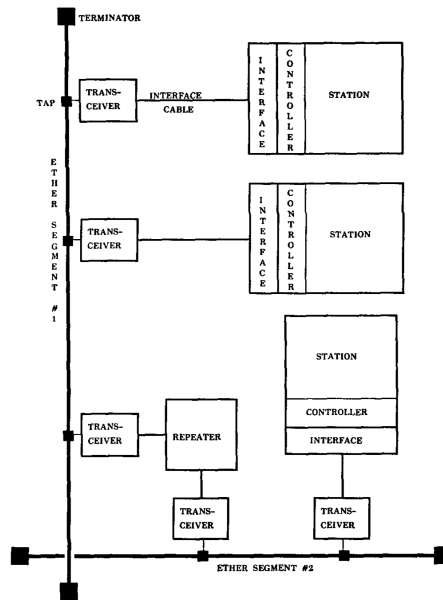


FIGURE 2. Ethernet Fig-1 PNG

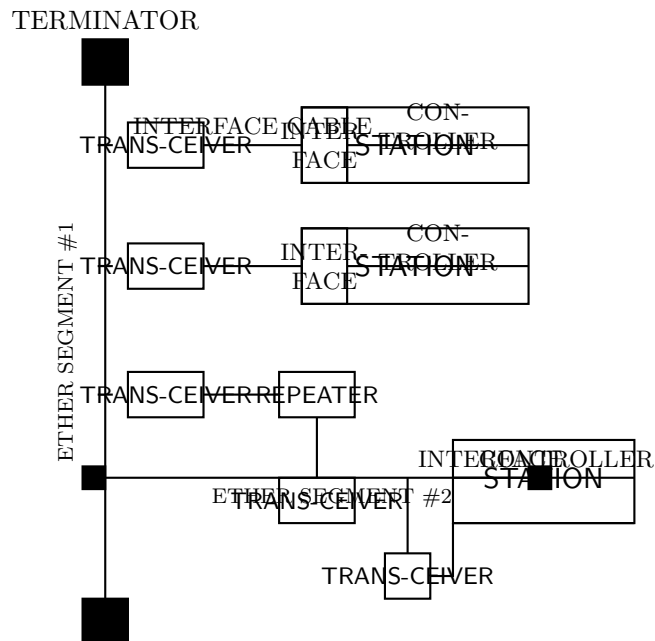


FIGURE 2

Fig. 2. Ethernet packet layout.

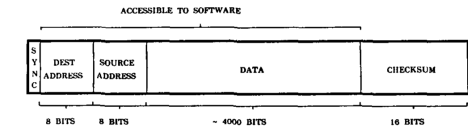


FIGURE 3. Ethernet Fig-2 PNG

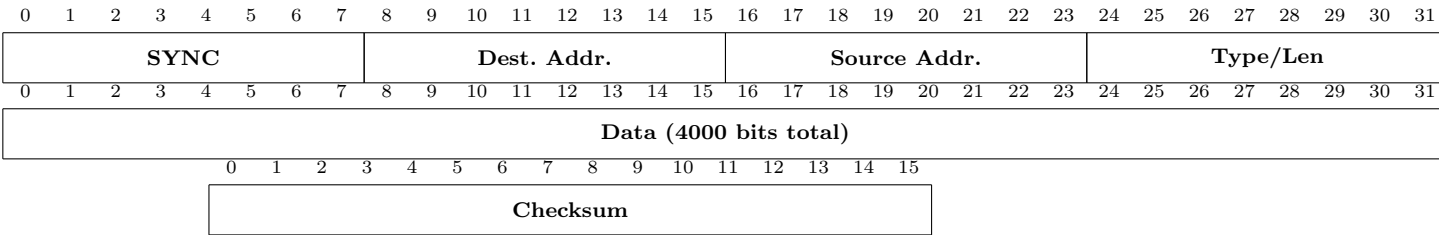


FIGURE 4. Ethernet packet layout with wider boxes and smaller text.

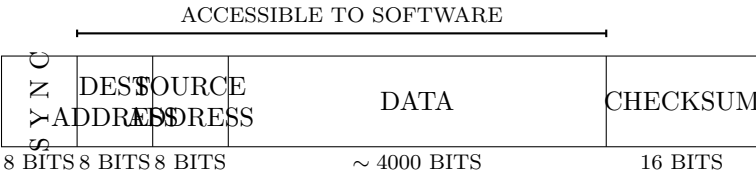


FIGURE 3

Fig. 3. Collision control algorithm.

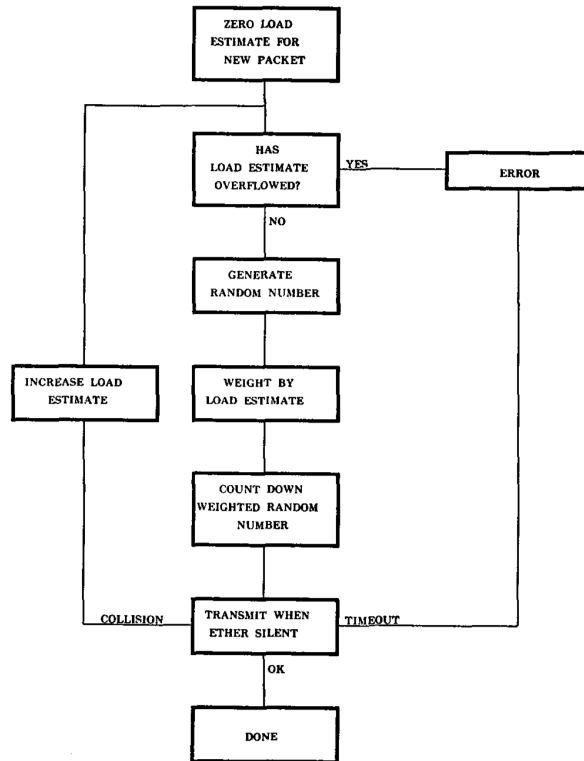


FIGURE 5. Ethernet-Fig-3.png

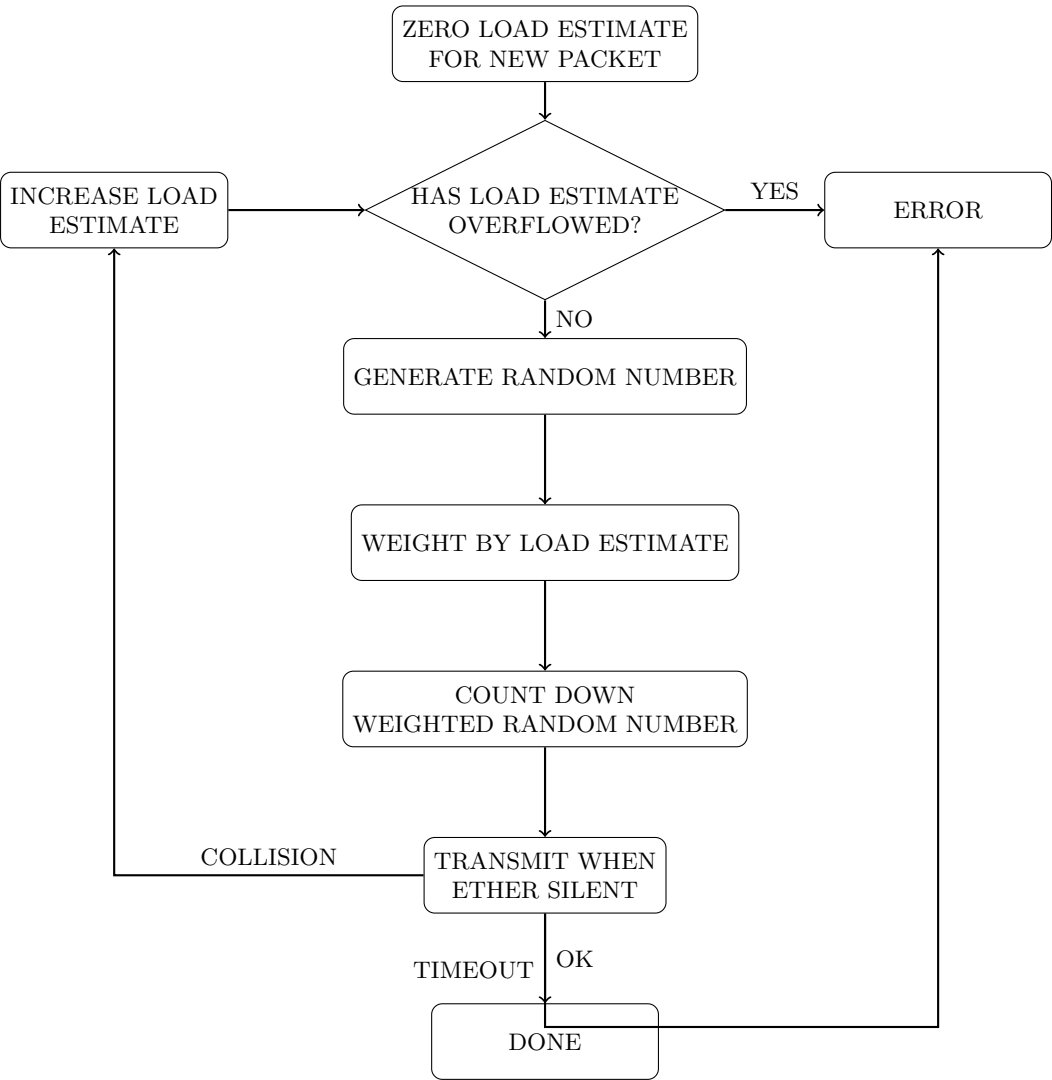


FIGURE 6. Collision Control Algorithm Flowchart

FIGURE 4

TABLE 1

Fig. 4. EFTP packet layout.

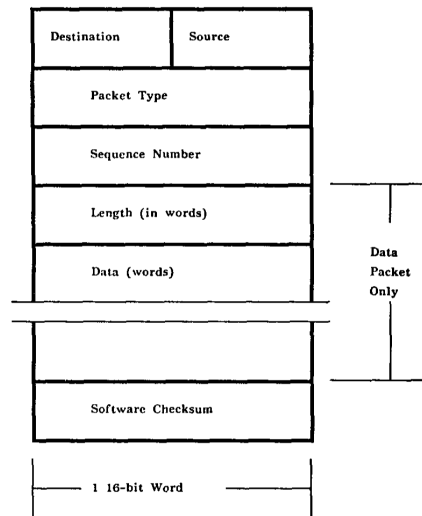


FIGURE 7. Ethernet-Fig-4.png

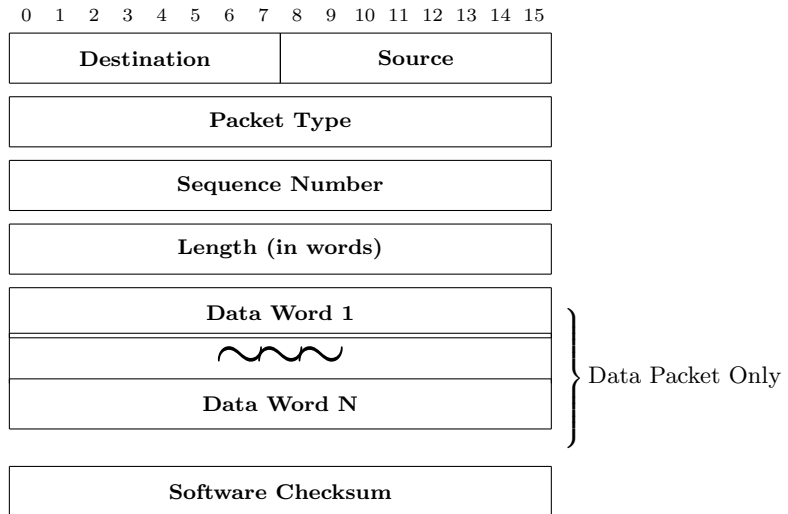


FIGURE 8. EFTP packet layout with a variable-length "Data" field.

TABLE 1. *

Table 1. Ethernet Efficiency	Q	P = 4096	P = 1024	P = 512	P = 48
	1	1.0000	1.0000	1.0000	1.0000
	2	0.9884	0.9552	0.9143	0.5000
	3	0.9857	0.9447	0.8951	0.4444
	4	0.9842	0.9396	0.8862	0.4219
	5	0.9834	0.9367	0.8810	0.4096
	10	0.9818	0.9310	0.8709	0.3874
	32	0.9807	0.9272	0.8642	0.3737
	64	0.9805	0.9263	0.8627	0.3708
	128	0.9804	0.9259	0.8620	0.3693
	256	0.9803	0.9257	0.8616	0.3686

FIGURE 9. *
Graph of Ethernet Efficiency [Not in Original Paper]

