

**PART II—TIME FACTORS AND ATTENDANCE OF
APPLIANCES ON RECEIPT OF FIRE CALLS**

1. The Fire Service must be organized so as to provide for service to be available twenty-four hours of the day every day of the year. The following table, based on the minimum attendance of appliances that should respond in the first instance on receipt of a fire call, sets out what in the Council's opinion should be the objective of Fire Authorities in providing that service. An exception would be made where the nature of the call indicates more exactly the response required.

The expression "first attendance" means the appliance or appliances which are sent in response to the initial fire call. "Reinforcing appliances" means additional appliances sent to a fire in response to a request from the officer in charge for assistance.

FIRST ATTENDANCE APPLIANCES

Risk Category	Number of Appliances for First Attendance	Approximate Time for Attendance of Appliances		
		First	Second	Third
A	3	5 minutes	5 minutes	8 minutes
B	2	6 minutes	6 minutes	..
C	2	8 minutes	10 minutes	..
D	1	10 minutes
E	1	15 minutes
F	1	25 minutes

2. As a rough guide, the effective radius which could be served from one station on the above time attendance basis would be:

Risk Category	Brigade Turn-out in	Cover Effective Within
A	1 minute	1½ miles
B	1 minute	2 miles
C	1 minute	3½ miles
D	3 minutes	3½ miles
E	5 minutes	5 miles
F	5 minutes	10 miles

REINFORCING APPLIANCES

3. In addition to providing for the first attendance of one or more appliances as above, it will be necessary to provide also for the attendance of additional appliances in support, if necessary, from adjacent brigades, to be summoned by the officer in charge of the fire in case of need. In the case of the larger towns and any major fire risks the first reinforcing appliance should be able to reach the fire within ten minutes, and in not more than fifteen minutes elsewhere in the areas above the E category.

Risk Category	First Attendance Appliances	Total Appliances Required	Reinforcing Appliances Required	Approximate Maximum Time Limit for Reinforcing Appliance
A	3	12	9	20 minutes
B	2	6	4	20 minutes
C	2	5	3	20 minutes
D	1	4	3	30 minutes
E	1	3	2	30 minutes
F	1	3	2	45 minutes

SECOND CALL APPLIANCES

4. In all areas provision should be made to some extent against the contingency of two fire calls being received simultaneously or of a second fire call being received while appliances are already in attendance at a fire. In A and B risk areas the provision should consist of one appliance capable of providing an attendance at any point within approximately six minutes. In the more scattered and extensive C, D, and E risk areas the possibility of a second call is more remote, and where it is not possible to provide another appliance from an adjoining area in sufficient time, steps should be taken to ensure that some arrangements exist for immediate attendance of men and equipment, if necessary, on an improvised basis and that the brigade already at the fire can be informed so that if possible an appliance not immediately required at the fire can be redirected to the second call. This can be done by ensuring that telephone communication is maintained between the scene of the fire and the fire station. Those brigades equipped with radio on their appliances should be in constant communication for this purpose.