



**NORTH YORKSHIRE
FIRE & RESCUE SERVICE**

Impact of Proposals

**Supporting Document 5
Fire Cover Review
2015**

Impact of Proposals

Introduction

For each of the proposed options for change there is a potential impact on the Service's response to incidents either in terms of an increased response time or in additional appliances (fire engines or TRVs) having to respond to the same incident.

Change to Duty System

The impact of changing a duty system from shift to day crewed is that when the crew is on-call (usually 18:00 to 08:00, plus a one hour meal break during the day) the appliance will be delayed, before it can set off for the incident, while the crews travel to the station.

The current day crewed arrangements mean that the staff crewing that fire engine are on station, or on the fire engine for 9 hours a day (usually 08:00 to 18:00 minus one hour for a meal break), and on-call from home or elsewhere in the community for the other 15 hours. During the time that these staff are on-call, there is a delay in responding to the incident as those staff have to travel to station before the fire engine can set off. Changing the duty system from day crewed to mixed crewing means that the fire engine would not respond to incidents immediately during the day, as it does with a wholly day crewed fire engine, but would wait for the necessary RDS staff to respond to station.

Station	Crew one w/time standard appliance with:	Increase in average 1 st appliance attendance time		Increase in average 2 nd appliance attendance time	
		Day	Night	Day	Night
Scarborough	Day Crewed	No change	No change	00:00	03:46
Malton	Mixed Crewed	03:18	00:00	No change	No change
Northallerton	Mixed Crewed	03:25	00:00	No change	No change
Ripon	Mixed Crewed	03:28	00:00	No change	No change
Tadcaster	Mixed Crewed	03:46	00:00	No change	No change

The table above sets out the average increase in attendance times for the relevant station area based on the modelling of the incidents in those areas over the last five years¹. (Although the modelling has used an increase in four minutes in turn-out time for the periods when the crewing changes to on-call, the averaging effect of different attendances results in slightly different times at each station area).

The 'turn out' refers to the time between staff being alerted to an incident and the appliance setting off to the incident.

Replace a standard fire engine with a Tactical Response Vehicle (TRV)

The replacement of a standard fire engine with a TRV, on the same duty system, has no impact on the attendance time of the first or second appliance to arrive at an incident. However, as there will be fewer staff on a TRV than a standard appliance, additional appliance mobilisations will be required for a few incidents in order to ensure that there are sufficient staff at that incident.

¹ April 2010 to March 2015

The table below shows the predicted number of additional appliance movements per year, many of which will be RDS crewed appliances.

Station	Replace one w/time standard appliance with:	Number of additional appliance movements per year
Harrogate	TRV	61
Scarborough	TRV	61
Northallerton	TRV	43
Malton	TRV	41
Ripon	TRV	36
Tadcaster	TRV	25

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