

Fire Authority

23 April 2020



Supplement – Post Meeting Amendment

This is a supplement to the original agenda and includes an amendment discovered post meeting and referenced within the Minutes to this meeting

59. Integrated Risk Management Plan 2020-2025

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Post Meeting Amendment to Annexe 4

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Annexe 4 – Changes in Hastings resource provision

The proposed changes ensure that our resources are better aligned to the risk within Hastings and the wider area and improves community safety and reduces the overall risk profile.

Introducing an additional fire appliance into Hastings has a larger positive impact than introducing it elsewhere within the Service e.g. The City of Brighton and Hove, due to its risk profile and current resource provision. For example, Hastings has the highest proportion of incidents compared to the proportion of households (25% more than the average) but compared to the City, the average lag time between the 1st and 2nd fire appliance across Hastings is around 4 minutes whereas in the City it is approximately 2 minutes.

The findings from our operational response review confirm the findings of the 2012 Hastings Review and go further in terms of breadth and depth, highlighting again that Bohemia Road station area has a significantly higher risk profile in terms of community risk, activity and demand e.g.:

- Bohemia Rd area ranks 2nd out of all ESFRS station areas for highest number of critical incidents (10% of all critical incidents)
- Bohemia Rd area has had the most life-risk fire incidents over the last 9 years, surpassing Preston Circus
- 74% of all incidents in Hastings are in Bohemia Road station area
- 72% of critical incidents in Hastings are in Bohemia Road station area
- 74% of all accidental dwelling fires in Hastings are in Bohemia Road station area
- 79% of VH risk households in Hastings are in Bohemia Rd station area
- 65% of 80+ year olds in Hastings live in Bohemia Rd station area
- Conversely, the numbers of incidents in The Ridge are similar to a typical day-crewed area within ESFRS and also within other FRs (FG2).

Response impact (based on 5yrs data Apr 2013 - Mar 2018)

Bohemia Rd

- There are 974 incidents per year in Bohemia Rd station area (of which 46 are critical)
- [263-260](#) (27%) of these are attended by two or more fire appliances.
- The average lag time currently between the first and second appliance in Bohemia Rd is 03:53

Therefore, assuming the availability of each Bohemia Rd fire appliance to respond, the proposed changes to Bohemia Rd would significantly improve the response times of the 2nd fire appliance of up to [263-260](#) incidents per year within the area.

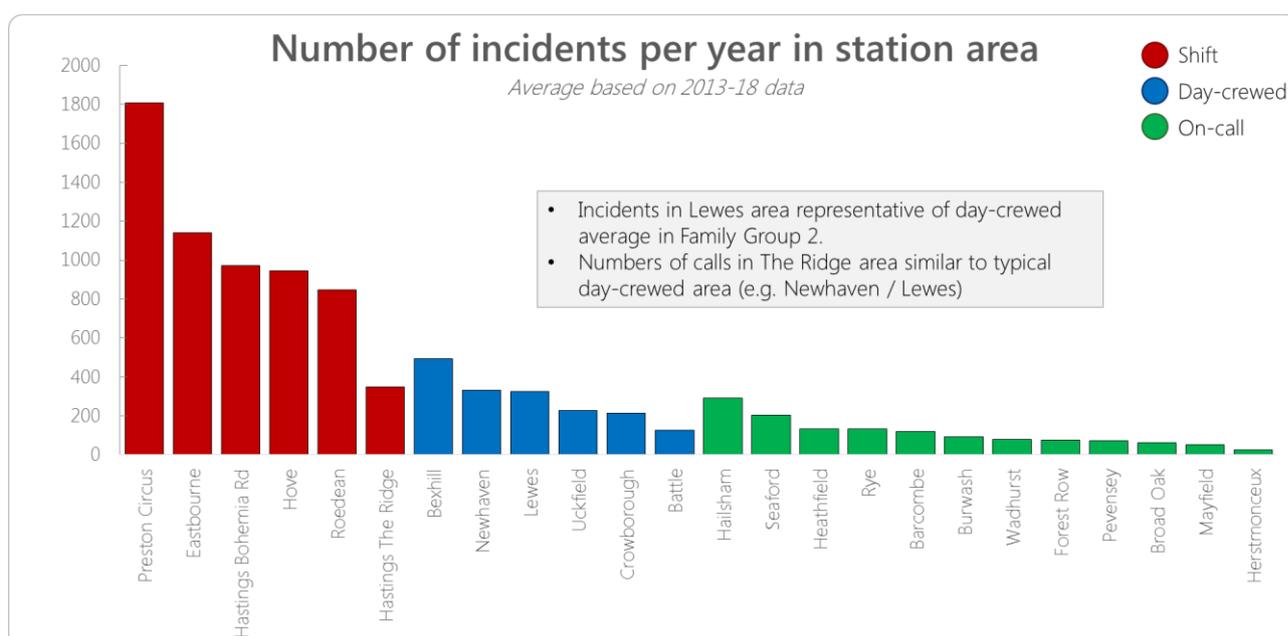
The additional fire appliance at Bohemia Road would also improve the 2nd appliance response times into parts of Bexhill and Battle.

The Ridge

- The Ridge attends 705 calls per year (49 critical), of which [457-329](#) are at 'night time' ([197](#) critical)
- 51% of all incidents to which The Ridge is mobilised are in Bohemia Rd station area (41% in own area, 8% outside Hastings).

Given that 51% of The Ridge's calls are in Bohemia Rd area, it is likely that the significant proportion of these would now be attended by the 2nd appliance at Bohemia Rd – and perhaps even more quickly), thus halving the number of The Ridge's calls per year.

Therefore, numbers of calls in the Ridge area are similar to a typical day-crewed area (e.g. Newhaven/Lewes) and comparable to other FRSs (Family Group 2). The chart below demonstrates this:



The proposed changes to The Ridge would mean there would be an increase in the response time of the first arriving appliance in The Ridge area at 'night time'. The data above suggests there would be [64-135](#) 'night time' incidents per year ([83](#) critical) in The Ridge station area where the response time of the first arriving appliance would likely be increased. [Given that The Ridge is the first-arriving appliance in its own area at 'night time' on 79% of occasions, this equates to around 107 incidents per year \(6 critical\) where there may be a delay in the first arriving appliance.](#) However, the second arriving appliance times in The Ridge area at 'night time' would remain unaffected. Whilst this is clearly a small number of incidents compared to the response improvements to other areas, any perceived increase in risk can be further mitigated through the prevention and protection.

Aerial appliance

Over 9 years (Apr 2009 – Mar 2018):

- 76A1(ALP) mobilised a total of 1,840 times (on 11.9% of occasions it did not arrive at the incident (219 times))

- 76A1 (ALP) attended 127 incidents where it stayed 15+ minutes (6.9% of its total mobilisations), indicating it was used at the incident. 41 of these were at 'night time' – over 9 years.

Given the above, this equates to 4 to 5 incidents per year where 76A1 (ALP) attended an incident between 18:30 and 0830 and stayed for 15+ minutes. The table below shows the breakdown of where they went. It can be seen that there have been 12 occasions over 9 years when 76A1 (ALP) attended an incident in Bohemia Road station area and stayed for 15+ minutes, equating to 1 to 2 incidents per year.

Incidents attended by 76A1 where they stayed 15+ minutes (9 year totals (Apr 2013 – Mar 2018))

Station Area where 76A1 mobilised to	Day	Night	Total
Barcombe	1	0	1
Bexhill	24	14	38
Broad Oak	1	0	1
Burwash	1	3	4
Crowborough	1	0	1
Eastbourne	17	5	22
Hailsham	1	0	1
Hastings Bohemia Rd	22	12	34
Hastings The Ridge	6	3	9
Heathfield	1	3	4
Hove	1	0	1
Mayfield	2	0	2
Rye	4	1	5
Wadhurst	1	0	1
Outside ESFRS	3	0	3
Grand Total	86	41	127

Summary

- The proposed changes improve community safety and reduces the overall risk profile and better aligns our resources to risk.
- Significant overall improvements across Hastings and wider area by the introduction of a second appliance in Bohemia Rd, given that Hastings has 25% more incidents than the average and the risk (historic incident/demand, fires incl. ADF, critical incidents, households (all), high-risk households, over-80s population etc) is significantly weighted in the Bohemia Rd area, and those in The Ridge are weighted close to the border of Bohemia Rd.
- Increases in response times to a small number of incidents in certain areas of Hastings at certain times can be mitigated through the prevention and protection channels.
- Incidents requiring 2+ appliances in Bohemia Road (up to 263 a year, 41 critical), as well as some areas of Bexhill and Battle will have significantly

improved response times for the second arriving appliance (~4 minutes quicker).

- Conversely, the increase in response times for the first arriving appliance in The Ridge during the 'night time' equate to 64 incidents per year (3 critical). However the response time for the second arriving appliance would remain largely unaffected.
- Similarly with the aerial provision, there would be an increase in the current response time if an incident occurred and the following conditions were all true - the incident occurred in Bohemia Rd station area at 'night time' and required a pre-determined attendance of two fire appliances and an aerial (i.e.10 firefighters). However, 76A1 (ALP) only attends 1 to 2 incidents per year at 'night time' on Bohemia Rd station area (where it stays for 15+ minutes).
- The detail of the mobilisation protocols for 76A1 in the IRMP are yet to be distilled, however an example could be as follows:
 - In the event of an incident in Bohemia Road station area that attracts a pre-determined attendance of 2 fire appliances and an aerial, and all appliances are at home station, the expectation is that all 3 appliances mobilise with 8 staff. This enables a safe system of work to be put in place (deployment of BA crew) and have one of the Service's largest appliances in attendance at the earliest stage of the incident.
 - Currently, one fire appliance and the aerial from Bohemia Road are mobilised with 6 staff and the second appliance attending from The Ridge/depending with 4.
 - The emphasis of this proposal has to be on the intervention/safe deployment of firefighters in Breathing Apparatus at the earliest stage.