## Corporate Risks

Risk	Resp.	Consequences if Untreated		Risk S	core	Risk	Current Treatment	R	Comments / Further Treatment Proposed											
Description		Risk Occurs	(Former) /				(Former) / New		(Former) / New		(Former) / New		(Former) / New L		(Former) / New Lev		Level		A	
			Р	I	Σ	HML		G												
CRR 014.4 Staff Availability Emerging risks of 1/ industrial action due to pension change or pay dispute; 2/ Staff inability to get to work due to external factors e.g. Pandemic Flu, disruption to fuel supplies etc. 3/Impact of transformation at pace on attraction of new staff, retention and overall workforce stability.	COO / POD Dir.	Potential detrimental effects on service delivery to the community and our reputation. Failure to discharge statutory duties. Loss of critical knowledge / skills / capacity /competency levels.	(2) (5) (3) (4) (5) (4) (5) (4) (5) (3) <b>4</b>	(5) (5) (5) (3) (3) (3) (3) (3) <b>3</b>	<ul> <li>(10)</li> <li>(25)</li> <li>(15)</li> <li>(20)</li> <li>(12)</li> <li>(15)</li> <li>(12)</li> <li>(15)</li> <li>(9)</li> <li>12</li> </ul>	(M) (H) (H) (H) (H) (M) (H) (M) (H) (M) <b>M</b>	Full business continuity plans in place & uploaded to Resilience Direct. Peer review of the business continuity arrangements Bank System Flexi-Duty System Pilot Staff Transfer Procedure Employee assistance and welfare support Training Needs Assessment process Monitoring of staff 'stability ratio' relative to best practice and sector norms Review of Resourcing and Retention strategies Wider range of contracts offering more flexible ways of working A variety of approaches are being adopted to replenish the workforce. These include more operational apprentices, transferees, and re- engagement options Workforce planning data is regularly reviewed with Service delivery, HR and Finance. Project on Strategic Review of Operational Resourcing is underway with a number of work-streams, including On-Call and Geographic station reviews Growth bids to be considered to support future resourcing demands.	A	<ul> <li>19 September 2017 SMB</li> <li>The risk has eased in the short term following take on of transferees and a new batch of apprentices. However, risk score to remain unchanged due to imminent London Fire Brigade recruitment campaign which is aiming to recruit 400 firefighters.</li> <li>14 November 2017 SMB</li> <li>Due to neighbouring services advertising for transferees at different levels there is an increased risk of operational staff transferring with only a month's notice. In particular LFB have advertised for Station Commanders and several staff have applied. The border services have less stringent promotion standards without the need for IFE, so staff are attracted by the future potential opportunities.</li> <li>13 February 2018 SMB</li> <li>A review of the extant Career Development procedure, is currently being undertaken. Whilst it is anticipated some amendments will be necessary, these will not in any way be detrimental in continuing to raise standards.</li> <li>21 June 2018 PMB</li> <li>A coordinated programme of apprenticeships recruitment, replenishment of promotional development pools for Crew through to Group Commander level, with the accompanying mandatory training requirements and progressing a small number of transferees in to balance experience is on track.</li> </ul>											

<ul> <li>Head of Service delivery is working with SC's to review reward options</li> <li>HR are reviewing the future promotion and career development options</li> <li>Competent temporary SC's substantiated without full IFE (December 2017) and a review of impact on Watch and Crew will be taking place December 2107.</li> <li>Full suite of appointments planned for 2018</li> </ul>	the risk of losing operational staff at different levels continues, particularly with LFB who offer London weighting allowance. The position is being closely monitored and modelled into medium term workforce plans <b>23 October 2018 SMB</b> The recruitment plan for 2019 to refresh the workforce during a period of predicted peak retirements. Is approved. A fourth tranche of Fire Fighter Apprentices are planned for Q1 2019 20, supplemented by a small number of experienced transfers as required. The transferees numbers can flex depending on any LFB recruitment impacts
	and/or unplanned leavers.

Risk Description	Resp.	Consequences if Untreated Risk Occurs	Risk Score (Former) / New													Current Treatment		Comments / Further Treatment Proposed
			Р	I	Σ	HML												
Fin 14 – Funding and Savings Requirement	Director Finance & Assets	The funding settlement now assumes that a council tax increase is required each year in line with the prevailing capping limit, currently 3% for the Fire Authority, and that local growth meets expectations. If either or both did not come to fruition there is a risk the Authority will not meet its commitment to the PSP 2015-20 and that a fundamental re-think of	(4) (3) (3) <b>4</b>	(4) (4) (4) <b>4</b>	(16) (12) (12) 16	H M H	Proactive management of the MTFP is in force and is very closely aligned to workforce planning. For the present, USAR (S31) grant funding is assumed to continue, though notification now seems to be year on year and often after budget setting. If removed, the Authority will need to cope with a circa £800k cut in funding. The Authority has responded to consultations and lobbied MPs to increase the referendum threshold for fire authorities to £12.	R	<b>13 February 2018 SMB</b> The Council Tax referendum threshold was raisedfrom 2% to 3% in the provisional settlement, butgrowth in the base for 2018-19 was only 1.4%(compared to a forecast of 2%). The finalsettlement has not yet been announced.The USAR grant has been confirmed for 2018-19but will be paid upfront in 2017-18, which raisesfurther concerns about its long term viability.Outcomes of national Firefighter pay negotiationsare still unknown and present a significant risk toour budgetary position. <b>5 June 2018 SMB</b> The Authority has not received any reassuranceregarding the long-term viability of USAR grantfunding. There is also no clarity as to the level ofany pay-award, and whether or not amounts above									

service provision would			1% will be funded centrally or not. Concerns
be required.			around levels of funding and current uncertainty
			were raised with the Home Office during a
			conference call discussing 'Fire Risk and Demand'.
			There is currently a forecast budget deficit of £440k
			for 2019-20. If the level of Council Tax surpluses
			seen in previous years is forthcoming, and if the
			local business rates pool continues for a further
			year, the Authority could conceivably set a
			balanced budget for 2019-20 by restricting non-pay
			inflationary rises and not approving any other
			budget increases. Any other non-budgeted
			increases or overspends could be covered by
			reserves for one-year (although this would impact
			on future investment).
			After 2019-20 the Authority should have a better
			indication of future funding, as the outcomes of the
			upcoming Comprehensive Spending Review and
			Fair Funding Review will be published. Until then,
			the risk is to remain as 'Red'.
			<u>18 September 2018 SMB</u>
			In addition to the risks noted at 5 June 2018 SMB,
			further information has been received in relation to
			employers' contributions to the firefighter's
			pension scheme (a risk originally anticipated
			following the Budget in 2016). In a written
			statement to the House of Commons (on 6
			September 2018) it was noted that 'early
			indications are that the amount employers pay
			towards the [unfunded pension] schemes will need
			to increase'. The Budget 2016 set out a reduction
			in the anticipated discount rate used to calculate
			employer contributions, but the latest statement
			indicates the reduction in the rate will be even

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								greater, which would lead to even higher employer
								contributions. The Authority was expecting an
								increase, but until full valuation results are
								published, it is not known whether the amount
								allowed for in the MTFP will be sufficient.
								23 October 2018 SMB
								Initial valuation reports indicate that the average
								employer contribution rate for the firefighter's
								pension scheme will increase from 17.6% to 30.2%
								from 1 April 2019. The estimated additional cost to
								the Authority is £1.6m per year. For 2019-20 the
								Treasury will fund the majority of this amount,
								leaving a net increase of approximately £150k for
								the year. An amount greater than this had already
								been set aside following the announcement in the
								Budget 2016. No additional funding has been
								confirmed for 2020-21 and this will need to form
								part of the sector's bid within the Comprehensive
								Spending Review process.
								The Home Office have commenced an engagement
								with NFCC on the future of USAR from 2024, when
								the current USAR assets reach the end of their
								expected operational life. Four proposed options
								range from no change through to a reduction in the
								total number of teams/ units by up to 36%. The
								effect of this could range from a total loss of
								Section 31 grant funding for the BFRS USAR
								capability, through the reduced funding for a
								scaled-back provision. This Service is engaged with
								the NFCC working group and will be sighted early
								on development. As the risk develops a range of
								responses will be raised and considered.
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Risk Description	Resp.	Consequences if Untreated Risk Occurs	Risk Score (Former) / New						Current Treatment		Comments / Further Treatment Proposed	
	1		Р	I	Σ	HML						
Paging:- closure of Vodafone's Vodapage service & transfer of service to Page One (Capita Service)	ICT Manager	The only alternative paging system (Page One) does not have the coverage in Buckinghamshire that Vodaphone has. Inability to contact / call out key staff for incidents / support.	(3) 2	(3) 3	(9) 6	(M) L	Pagers are used for On Call, Appliances, Officers, Workshops, RMT and ICT. Previous usage of Page One was considered ineffectual due to coverage issues. Initial indications were that Vodapage will be turned off on November 30 <sup>th</sup> 2017. However, Vodafone are now evaluating an App service and have also informed us that they have decided to move the hard closure date to 31 <sup>st</sup> March 2018 providing additional time to pursue alternatives. The tender process is now close to completion. Indications are that the cost of the new contract will be similar to the previous arrangements so no significant financial implications are envisaged. Testing Page One devices. Investigating alternatives to paging. Reviewing pagers with additional capabilities (Wireless etc.) Collaborating on replacement solution with Thames Valley partners.	G	<ul> <li><u>5 April 2018</u></li> <li>Plan B is now live and has replaced the Vodafone paging system from 1<sup>st</sup> April. The system is functioning well. One or two unforeseeable glitches have been found and have been fixed or fixes identified. It will serve adequately until we are able to go live with the App based mobilising system. We continue to liaise with RBFRS in the completion of the CoCo application for revising our Annex A certification. As this is an interim solution the risk remains at amber.</li> <li><u>13 February 2018 SMB</u>:</li> <li>Maintain at amber RAG status pending resolution of Code of Connection issue.</li> <li><u>5 June 2018 SMB</u></li> <li>We still await the confirmation of the code of compliance permissions from the Home Office which will allow integration with the mobilising system at TVFCS. In the interim the opportunity to further develop the App with the provider has been taken. The SMS solution provided as a plan B is functioning well but has caused some restrictions in our ability to provide 2<sup>nd</sup> and 3<sup>rd</sup> line availability of appliances. This is due to configurations within TVFCS which would cause issues for our partner services.</li> <li><u>14 August SMB</u></li> <li>Good progress is being made towards implementation of a permanent solution is being made and the interim arrangement continues to function satisfactorily. It is therefore proposed that the score in relation to the probability of the risk crystalising is reduced to 2 resulting in an overall risk score of 6 (Green RAG status). Change to risk score agreed.</li> </ul>			

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	-1		Р	I	Σ	HML					
Information	Senior	Inability to	(4)	(4)	16	(H)	1. Appropriate roles:	Α	24 Oct 17 SMB		
security failure to -	Inform-	access/use our e-	3	4	12	м	- SIRO has overall responsibility for		Updates to treatments and comments noted.		
•	ation	information					the management of risk		However, it was agreed that the risk score should		
a) comply with	Risk	systems.					- Information and information systems		remain at its present level for the time being but		
statutory or	Owner	Severe financial					assigned to relevant Information		kept under active review.		
•	(SIRO)	penalties from the					Asset Owners (IAO's)		<u>1 February PMB Update</u>		
regulatory	Director	Information					- Department Security Officer (DSO)		The business impact of cyber-attacks is increasing.		
requirements	Legal &	Commissioner					the Information Governance &		As organisations implement new technologies they		
	Govern-	Lawsuits from the					Compliance Manager has day-to-day		face disruption from an ever-changing threat		
b) manage	ance	public whose					responsibility for the identification of		landscape. Many organisations don't know how		
technology		sensitive personal					information risks and their		many attacks they've suffered or how these		
		information is					treatments		occurred. Breaching an organisation by targeting its		
c) manage		accessed causing					<ul> <li>'Stewards' assigned by IAO's with</li> </ul>		employees continues to be the most common cause		
organisational		damage and					day-to-day responsibility for relevant		of attack. Although the average total financial cost		
resources		distress.					information.		of incidents decreased this year to £857,000, the		
							2. Virus detection/avoidance:		impact of breaches was felt more widely with an		
Deliberate:							Anti-Malware report – no significant		average of 19 hours of down-time following an		
unauthorised							adverse trends identified which		attack <sup>1</sup> .		
access and theft or							indicates that improved security		<sup>1</sup> PWC UK conducted its "Global State of Information		
							measures such as new email and web		Security <sup>®</sup> Survey 2018" based on interviews with		
encryption of data.							filters are being successful in		9,500 business and technology executives from 122		
Accidental: loss,							intercepting infected emails and links;		countries, including 560 UK respondents.		
damage or							3. Policies / procedure:		13 February 18 SMB		
destruction of data							Comprehensive review and		Maintain RAG status at Red.		
							amendment of the retention and		21 June PMB Update		
							disposal schedules / Information Asset		The National Cyber Security Centre (a part of GCHQ)		
							Registers,		has stated that cyber-attacks have resulted in		
							- current and tested business		financial losses to business. The costs arise from the		
							continuity plans / disaster recovery		attack itself, the remediation and repairing		
l							plans		reputational damage by regaining public trust.		
							<ul> <li>employee training/education</li> </ul>		Attacks have also triggered declines in share prices		
							<ul> <li>tested data/systems protection</li> </ul>		and the sacking of senior and technical staff held to		
							clauses in contracts and data-sharing		account for massive data breaches. The		
							agreements		enforcement of the General Data Protection		
							- Integrated Impact Assessments (IIA)		Regulation (GDPR) in May 2018 could, under certain		

	- disincentives to unauthorised access	circumstances, lead to severe fines for organisations
	e.g. disciplinary action	which fail to prevent data breaches, which result in
	4. Premises security:	a risk to the rights and freedoms of individuals. The
	- Preventative maintenance schedule	increase in availability of Distribute Denial of
	- Frequent audits at Stations and	Services (DDoS)-for-hire services has led to an
	inventory aligned to asset management	increase in Distribute Denial of Services attack
	system.	attempts. There was a 91% increase between July
	- Reduction in the number of CCTV	and September 2017 compared to the first quarter
	requests following improved education	of 2017".
	and guidance in relation to the use of	With no decline in the threats from external sources
	the same;	and adjustment issues to meet the requirements of
	- Premises Security Group re-	GDPR information security continues to be very high
	established to meet on a three monthly	risk.
	basis aligned to the PMB meeting	14 August 18 SMB
	schedule.	Following a review of the adequacy of the controls
		and mitigations in respect of this risk it was agreed
		that the probability score could be reduced to 3
		resulting in an overall score of 12 and a reduction in
		the RAG status from red to amber.
		23 October 18 SMB
		SMB discussed a recent data breach that had
		occurred at Sodexo who provide an online employee
		benefits facility for Authority employees resulting in
		employees who have joined the scheme being
		targeted with spam emails. Also, a report of a recent
		break-in at a fire station was received. SMB noted
		the steps being taken to investigate these incidents
		and identify any additional measures that can be
		taken to avoid similar in the future. It was agreed
		that neither incident was at a level that would
		require an immediate change to the risk score at
		this point but that this would be reviewed again in
		light of any further findings.
		Earlier this year a breach of one of our servers not
		connected to the network, was swiftly eradicated
		and a report was made to "Action Fraud" (part of
		the National Cyber Crime Unit). To mitigate further
		attempts on any of our systems we have been

## Annex C - Corporate Risk Register – as at 23 October 2018 SMB

				working in collaboration with the Police Cyber
				Security Advisor of the South East Regional
				Organised Crime Unit to deliver cyber training (free
				of charge) to the Strategic Management Board.
				Future events will arranged for other employee
				groups.