				MFRA	RISK MATRIX			
			Suffrez	MERSEYSIDE		elihood A		
	Increasing	g Impact B		FIRE & RES	SCUE		4	
-			Charles -	SERVICE			Likely	
	1	Slight	Manage for continuous improvement	Manage for continuous improvement	Manage for con improveme	tinuous ent	Manage for continuor improvement	
-	2	Minor						
C								April 2021 –March 2022
	3	Significant			Develop Reduction	measures	Compulsory Risk reduc	APRIL 2021 to SEPTEMBER 2022 update
	4	Major		Develop Reduction measures	Compulsory Risk	reduction		

e Develop Reduction measures Compulsory Risk reduction	
--	--

## **Introduction**

All organisations face risks that can impact on their operations, by establishing a systematic approach to identifying, assessing, and managing risk, Merseyside Fire and Rescue Authority (MFRA) intends to continually improve the organisation's governance, increase accountability and enhance overall performance.

The Director of Strategy and Performance reports directly to the Chief Fire Officer on matters relating to corporate risk management and maintains this risk register in collaboration with other members of the Strategic Leadership Team (SLT).

As part of this process the organisation considers the level and type of risk the Authority will accept while conducting its business and puts in place measures to reduce or eliminate that risk. This includes a careful evaluation of how risks affect the Authority's ability to achieve its Mission and Aims and its appetite for taking those risks.

The following categories of risk appetite are considered in relation to each identified Strategic Corporate Risk within this register:

- Low The level of risk will not substantially impede the ability to achieve MFRA's Mission and Aims. Controls are prudently designed and effective.
- **Moderate** The level of risk may delay or disrupt achievement of MFRA's Mission and Aims. Controls are adequately designed and are generally effective.
- **High** The level of risk will significantly impede the ability to achieve MFRA's Mission and Aims. Controls may be inadequately designed or ineffective.

## Risk Appetite by Strategic Corporate Risk Category

MFRA has an overall conservative risk appetite. The organisation will act in accordance with this to achieve strategic objectives and deliver high quality fire and rescue services to the people of Merseyside within a framework of reducing budget provision.

MFRA will employ sound risk management principles, transparent decision-making and effective communication to prioritise risk. The Authority manages seven strategic corporate risk categories to effectively supervise and ensure a safe and effective fire and rescue service that delivers prevention, protection and response services to Merseyside and beyond. MFRA has a low appetite for most types of risk (see table below), being aware of the need to ensure the prudent use of public money, maintain staff safety and deliver reliable and effective services.

Corporate Risk Category	Risk Appetite	Explanation
Budget and financial	Low	The appetite for Budget and financial risk is low. MFRA will exercise prudent management of its financial resources to achieve its mission. MFRA will maintain strong internal controls and ensure compliance with applicable legislation and accounting standards. MFRA will make prudent decisions to mitigate the financial impact of internal and external factors that affect it.
Legal and legislative	Low	<b>The appetite for Legal and legislative risk is low.</b> MFRA will always endeavour to comply with the laws that govern its activity and adopt appropriate governance processes. MFRA has no risk appetite for non-compliance with applicable laws and regulations.
Loss of strategic sites and assets	Moderate	<b>The appetite for risk in relation to strategic sites and assets is moderate.</b> Risk appetite in relation to vehicles and equipment is low, as safety and usability must be achieved through the use of detailed specifications of requirements. Risk appetite in relation to FRS sites (e.g. for a new fires station) is higher, as it is acknowledged the options are more limited and the end result in relation to the provision of a new fire station is not entirely predictable at the beginning of the process.
Environmental and Political	Moderate	The appetite for risk in relation to environmental and political matters is moderate. MFRA acknowledges that activity in relation to collaborative work with partners, for example, is not entirely predictable and some risks will be taken whilst attempting to improve service delivery or make savings through the use of new arrangements.
Loss of key staff	Moderate	The appetite for risk in relation to loss of key staff is moderate. MFRA recognises that it may need to adopt new and untried ways of working to deliver its services during periods of industrial action or reductions in the size of the workforce.
Technology	Low	<b>The appetite for Technology risk is low.</b> Information systems must support core MFRA functions with adequate capability, capacity, resiliency, and security from internal and external threats. The organisation relies on a mobile and technologically dependent workforce to carry out its Mission.

 Procurement
 Low
 The appetite for Procurement risk is low. MFRA is bound by legislation and regulations that are designed to ensure that public finance is spent appropriately. As a result, processes are designed to ensure that all procurement activity is properly governed and carried out in a way that ensures compliance.

## **CORPORATE RISK REGISTER 2020/21**

	Mission :- Safer Stronger Communities: Safe Effective Fire-fighters											
RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	IMPACT	RISK SCORF	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER		
Aims	: 1) Excellent Opera	ational	Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Prever	ntion 8	& Protection. 4) Excellent	People			
1.	Budget /Financial Risks	1.1	Insufficient staff to maintain current levels of operational planning, training and management of intelligence	1.1.1	1,2,3,4	Increased risk to all MFRS staff safety - increased numbers of injuries.	15	Resilience exists within departments to task staff with priority work steams in the event of insufficient staffing becoming a concern. Business Continuity Plans in place. April-Sep Update Continuous review of staffing through Operational Preparedness Group	12	AM Operational Preparedness		
								meetings, one to ones and Ops Board.				

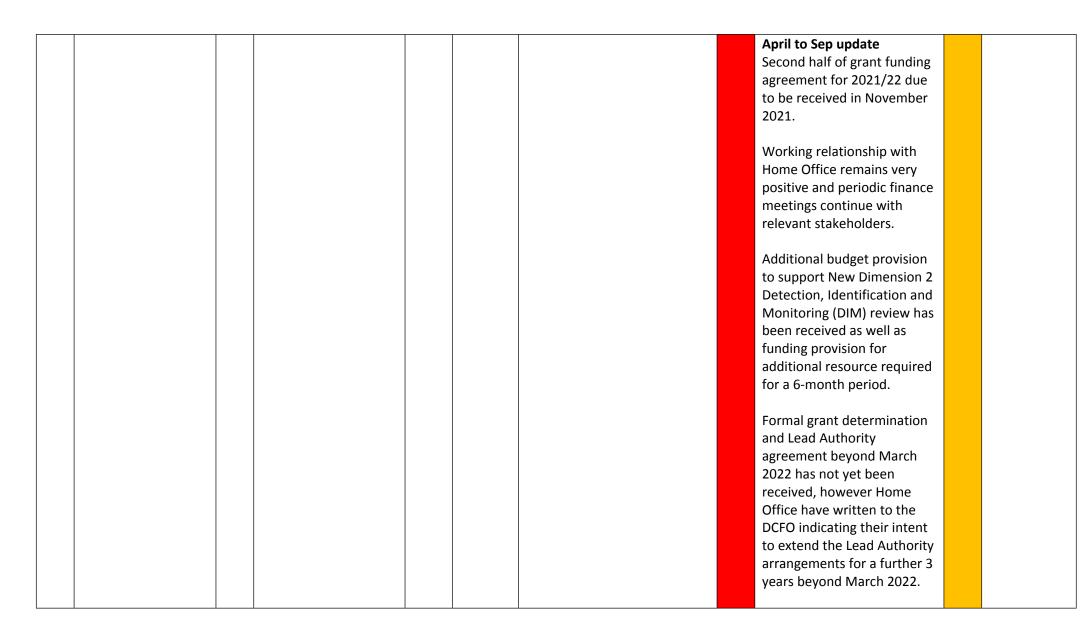
						Business Continuity Fuel Plan Revised		
1.	Budget/Financial Risks	1.1.2	1,2,3,4	Increased risk of property loss	12	Resilience exists within departments to task staff with priority work steams in the event of insufficient staffing becoming a concern. Business Continuity Plans in place. <b>April-Sep Update</b> No change this period	10	AM Operational Preparedness
1.	Budget/Financial Risks	1.1.3	1,2,3,4	Reducing ability to respond or maintain competent workforce.	15	The Authority continues to utilise the most agile working systems to ensure a high level of service delivery and response, integrated with appropriate skill audits and training delivery to ensure a high level of competence in all staff <b>April-Sep Update</b> The 3 <sup>rd</sup> hybrid has been implemented at St Helens completing the operational response elements of IRMP Supplement 2019-21.	10	Director of POD

						Work has commenced on development of IRMP 2021- 24 which see further improvements in appliances numbers whilst remaining within the existing 642 Full Time Equivalent firefighters budget.		
1.	Budget/Financial Risks	1.1.4	1,2,3,4	Reduced ability to maintain FF safety	15	AM Response Maintenance of competency is managed on station through Safe Person Assessments and the training planner for all operational staff. TRM staff utilise Voluntary Additional Hours to ensure appliances are fully staffed.	10	AM Operational Response/ Preparedness
						April-Sep Update Continual core training including recruit training. Work with Time and Resource Management to maximise staff / course ratio set against the Local Performance Indicators. Additional training is provided at a local level (SPA & Learnpro) to ensure staff have underpinning		

								knowledge across a range of skills and competencies. Apprenticeship/competency scheme in place.		
1.	Budget/Financial Risks	1.2	Insufficient staff to maintain current prevention and protection work. Inability to maintain performance (e.g. Care Act) Political Risk – failure to meet statutory duty Community Safety Risk – failure to address risks to community & Firefighters	1.2.1	1,2,3,4	Increased fires, deaths and injuries	15	MFRA continues to deliver its Home Safety Strategy, our focus is targeted at the over 65's and those who are most vulnerable, we have seen advocate performance lift by over 45% this past year and we continue to monitor ADFs and Fire Fatalities through PMG. The impact of the Grenfell Tower Fire is yet to be fully understood but there is the likelihood of increased Protection teams as such a review is underway <b>April-Sep Update</b> MFRA continues to deliver its Home Safety Strategy (as above), as COVID restrictions have eased Operational crews have returned to completing HFSCs, we have worked with Ops Response to improve IRS reporting. We are planning for Older Persons Day on the 1 <sup>st</sup>	10	AM Prevention AM Protection

								October 2021. The service is also undertaking a gap analysis against the NFCC prevention Standard.		
1.	Budget/Financial Risks	1.3	Insufficient FF's to maintain current levels of response and current number of fire stations	1.3.1	1,2,3,4	Increased risk of property loss in the community	15	MFRA undertakes continual review, analysis and testing of necessary operational response changes resulting from budget reductions to ensure effectiveness against Authority response standards. April-Sep Update No changed in the mitigation process from the above statement	10	AM Operational Response
1.	Budget/Financial Risks	1.4	Pay increases-impact on ability to maintain a balanced budget	1.4.1	1,2,3,4	The current budget assumes 2019/20 pay awards will be settled at an increase of 2%. Each additional 1% increase in pay equates to approximately £0.3m for firefighters and £0.1m for other staff.	9	The Authority has established a £0.700m inflation reserve to meet any unforeseen inflationary pressures or costs. <b>April-Sep Update</b> The employers have offered the firefighters 1.5% pay rise for 21/22 which has been accepted. The non-ff staff have been offered 1.75%	0	Treasurer

								and this is currently being considered. The Qtr 1 financial review identifies how the cost will be covered from reserves in 21/22 and also it will be picked-up in the 22/23 budget process.		
1.	Budget/Financial Risks	1.5	Insufficient support staff to maintain services to front line and maintain good governance.	1.5.1	1,2,3,4	Reduced ability to maintain fleet, PPE, pay FF's and maintain the buildings.	15	Processes are redesigned when cuts to staffing are made Stopping performing specific activities considered Remaining staff are trained in processes/services that are still required <b>April-Sep Update</b> Key services continue to be delivered but opportunities to streamline services and improve efficiency are taken (e.g. manual process being converted to electronic ones)	6	SLT
1.	Budget/Financial Risks	1.7	Loss of National Resilience funding from Home Office			Loss of operational response/service/training/lack of equipment/vehicles not maintained.	15	Utilising MFRS resources to fulfil Role and responsibilities. Budget constantly reviewed with Home Office Colleagues	12	AM National Resilience



1.	Budget/Financial	1.9	The impact of	1.9.1	1,2,3,4	If the UK leave the EU in		Procurement are contacting		
1.	-	1.5	unfavourable trade	1.5.1	_,_,_,.	March with an unfavourable		critical suppliers to seek		
	Risks		deals with the EU			trading relationship this will		details of action they will		
			following UK exit in			have an adverse effect on the		take to maintain supplies		
			March 2019			supply of goods imported		post Brexit, whatever the		
						from EU countries.		agreement.		
						Prices are likely to increase		April-Sep Update		
						putting strain on budgets, lead		Brexit developments were		
						times may be extended,		monitored by the		
						shortage and scarcity of parts		Procurement Team in		
						due to border hold ups,		conjunction with FRS		
						organisations stockpiling and		procurement colleagues		
						starving supply, contractors		from Cheshire, Lancashire		
						failing.		and Manchester during the		
								first calendar quarter of		Head of
							20	2021. Although one critical	15	Procurement
								supplier did increase stock		
								holding to 90 days, no other		
								action was reported other		
								than monitoring. The		
								informal group had stopped		
								meeting by April 2021 as the		
								risk of unfavourable deals		
								following UK exit was seen		
								be relatively insignificant as		
								compared to those posed by		
								the continuing pandemic. In		
								particular supply chains have		
								been affected by the non-		
								availability of staff due the		
								effects of the virus itself		
								including the lock-down .		

						THIS ACTION IS NOW CLOSED		
1.	Budget/Financial Risks	1.1 0	"McCloud" - The decisions of the Court of Appeal in the Sargeant/McCloud (McCloud) cases have ruled that the transitional protections afforded to older members when the Firefighter 	Any remedy / compensation awarded by the Tribunal may have a significant financial impact on the Authority both in terms retrospective compensation payments for retired firefighters and current employees (who may transfer back from FPS 2015 to FPS 1992 and therefore the employer rate would increase from 28.8% to 37.3%). At this point in time both the remedy and any Government funding is unknown, or is likely to be known before 2020/21.	12		0	Director of Finance / CFO / SLT
			the Government permission to appeal this decision.	impact the Authority may lose a significant number of firefighters (including senior staff) earlier than expected if staff revert back to a pension scheme (FPS 1992) with a potential retirement age of 50.				

Miss	Mission :- Safer Stronger Communities: Safe Effective Fire-fighters											
RISK	RISK STRATEGIC CORPORATE RISK $\dot{S}$ SPECIFIC CORPORATE $\dot{S}$ $\dot{S}$ $\dot{S}$ SPECIFIC CORPORATE $\dot{S}$ $S$											
Aims	Aims:       1) Excellent Operational Preparedness.       2) Excellent Operational Response.       3) Excellent Prevention & Protection.       4) Excellent People											

2.	Legal and Legislative Risks	2.1	Non-compliance with the National Framework	2.1.1	1,2,3	Damage to MFRS reputation. Impact on public and partner goodwill.	15	The IRMP process is thorough and consulted on widely. research and analysis activities are carried out, risks are assessed and strategies and processes adopted to deal with them.	8	SLT
								<b>April-Sep Update</b> There are no concerns, Services are delivered effectively and efficiently and integrated risk management planning follows the requirements of the National Framework.		

		2.1.2	1,2,3	Inability to respond to major national resilience incidents	15	8	SLT
2.	Legal and Legislative Risks	2.1.3	1,2,3	Increased fires, deaths and injuries	15	12	SLT

2.	Legal & Legislative Risks	2.2	Corporate Manslaughter Act	2.2.1	1,2,3,4	Sanctions, fines and or arrests resulting from death of Personnel	25	This can be mitigated to some degree by correct application of SOP's. Service Instructions, training and Health and Safety legislation to avoid injury and damage. <b>April-Sep Update</b> Relevant training of employees and ensuring compliance with legisalative requirements and SOP's continues to mitigate any such risks to avoid injury and damage	12	SLT
2.	Legal and Legislative Risks	2.3	Changes introduced by the Localism Act 2011	2.3.1	1,2,3,4	Judicial Review – other legal challenges	15	This can be mitigated to some degree by careful consideration of consultation outcomes and other forms of community input into decisions. However any person can apply for Judicial Review regardless of the perceived merits or otherwise of such an application. April-Sept update	8	Head of Legal & Democratic Services.

								The governance and communication in place continues to mitigate this risk.		
2.	Legal and Legislative Risks	2.4	Equality Act - not maintaining compliance with the Public Sector Equality Duty	2.4.1	4	Potential impact on reputation Potential legal action	15	The Equality and Diversity Policy is regularly reviewed Equality Actions form part of the Service Delivery Plan and ED&I Annual Report Equality Impact Assessments are carried out for plans, policies, guidance, instructions and organisational change Training and support is given to staff to assist them in complying with Equality and Diversity related duties. <b>April-Sep Update</b> 61.7% of staff have received face ED&I training and 75% have completed an online training module	8	Director of Strategy and Performance

2.	Legal and Legislative Risks	2.6	Policing and Crime Act 2017	2.6.1	2,3	Potential change to Governance	15	Staff networks are doing well and working with management to improve policy, services and outcomes. There have been increases in BAME and female firefighters on recruit courses this year. Equality Impact Assessment processes are being reviewed to improve in this area. ED&I Strategic Board meets quarterly. A business case would need to be completed and submitted to the Secretary of State. If disputed an independent panel would review the business case. Continue to maintain dialogue with the PCC through Blue Light Collaboration Programme Board and Fire Authority. April-Sep Update	12	AM Preparednes S
----	--------------------------------	-----	--------------------------------	-------	-----	-----------------------------------	----	--	----	------------------------

						Existing governance structure in place. No change.		
2.	Legal and Legislative Risks	2.6.2	2,3	Inability to deliver collaboration across Blue Light Services in line with Policing and Crime Act 2017	12	The Policing and Crime Act 2017 places a duty on MFRA to keep opportunities to collaborate under review and to collaborate with one another where it is in the interests of either their efficiency or effectiveness MFRAs position is therefore to consider collaboration where it provides for a more efficient and/or effective service, where it improves the safety of the public, or	8	AM Preparednes s

								is in the interests of economy.		
								This will be delivered and monitored through the MFRA commitment to the Blue Light Collaboration Team, the Blue Light Collaboration Programme Board, and all collaboration programmes recorded through the Local Collaboration Overview. April-Sep Update Existing governance		
								structure in place. No change.		
2.	Legal and Legislative Risks	2.7	Increased Litigation costs	2.7.3	2,4	Increased incidents/costs/injuries whilst travelling under blue lights/speeding	12	Close work with the Health and Safety team and ongoing training and development and development to manage these types of incidents. <b>April- Sep update</b> No change for this period, the risks are mitigated as above	6	Head of Legal & Democratic Services.

2.	Legal and Legislative Risks			2.7.4	2,4	Potential for increased litigation arising from shared premises with partners.	12	Close work with the Estates and Health and Safety teams and Workplace to manage any issues which arise. <b>April-Sep Update</b> No change for this period, the risks are mitigated as above	6	Head of Legal & Democratic Services.
2.	Legal and Legislative Risks	2.9	Failure to comply with Government Transparency agenda	2.9.1	1,2,3	Damage to reputation of MFRS by not publishing policies and data as required	12	A Transparency Service Instruction has been produced to set out the Authority's commitment There is a transparency section on the website with advice and guidance as well as the data that the Authority is required to publish <b>April-Sep Update</b> All Transparency data on the website is up to date.	8	SLT
2.	Legal and Legislative Risks	2.10	Health & Safety audits, failures and investigations	2.10.1	1,2,3	H&S audits, failures and investigations from HSE resulting in sanctions and or fines	15	MFRA has a robust suite of H&S audits with findings responded to by the central team in liaison with Estates. All incidents follow an investigatory	10	AM Operational Response

								process to maximise learning which includes advice from Legal to ensure protection. <b>April-Sep Update</b> No change this period		
2.	Legal and Legislative Risks	2.11	Lead Authority for National Resilience	2.11.1	1,2,3,4	Increased responsibility and liability; capacity issues and reputational risk.	15	Mitigation in part through careful contract management. April-Sep Update Contract management continues and a review of the arrangement have been undertaken in this period to mitigate these risks	10	Head of Legal & Democratic Services.
2.	Legal and Legislative Risks	2.12	Recruitment of Trainee Firefighters with limited driving experience who are contracted to undertake EFAD driving.	2.12.1		Increased risk of fire appliances being involved in collisions due to inexperienced drivers being required, under contract, to drive fire appliances for routine and response activity. Recruitment application only requires the applicant to hold a valid driving license and does not account for longevity,	15	Competency will be managed through the driving school with assessment and development plans being tailored to the individual. Trainees will not be time- bound on when EFAD driving is first undertaken following LGV qualification. It will be the Driving School Manager who will decide how long	10	Director of HR, AM Operational Preparedness

						experience or type of vehicle they have driven.		LGV routine activity driving will take place prior to EFAD qualification to allow less experienced individuals to gain the required road knowledge. <b>Apr-Sep Update</b> No change this period		
2.	Legal and Legislative Risks	2.13	Insufficient experienced staff to manage existing Primary Authority Partnerships	2.13.1	1,2,3	Damage to MFRS reputation with the business partner and the government Department of Business, Energy and Industrial Strategy.	12	Resilience is provided to ensure that any loss of key staff facilitating the partnership is minimised. In addition, there is evaluation on the workload involved in managing the partnership and gauging capacity to take on any further partnerships.	9	AM Protection
								April – Sep Update The Protection Team continues to train and upskill its staff in order to satisfy the needs of the Primary Authority Scheme. A dedicated Station Manager and Watch Manager deal with the Primary Authority Scheme.		

2.	Legal and	2.14	Insufficient	2.14.1	1,2,3,4	Potential for MFRA to be	15	Senior Officers in	9	AM
	Legislative Risks		experienced, qualified			unable to serve prohibition		Protection when		Protection
			staff to deal with			or restriction notices on		scheduled on cover can		
			serious fire safety			premises out of office hours		provide this facility to		
			complaints 'out of			when the use of the		respond out of hours;		
			hours'.			premises involves or will		providing they are not		
						involve a risk to the relevant		engaged at an operational		
						persons so serious that use		incident. Article 31 Officers		
						of the premises ought to be		provide some additional		
						prohibited or restricted.		limited support to assess		
								complaints but are not		
								warranted officers or		
								deemed competent under		
								the Fire Protection		
								Competency Framework.		
								Recall to duty provides		
								some resilience but		
								availability is not		
								guaranteed. Potential for		
								assistance from a		
								neighbouring Fire and		
								Rescue Service.		
								Apr-Sep update		
								We have a 24/7 cohort of		
								Protection Response		
								Officers supported by a		
								number of trained Article		
								31 Officers who maintain a		
								rota available by fire		
								control. Should further		
								assistance be required fire		
								control can request, via		

			recall to duty, specifically trained officers.	

Miss	Mission :- Safer Stronger Communities: Safe Effective Fire-fighters												
RISK	RISK STRATEGIC CORPORATE RISK SPECIFIC CORPORATE RISKS SPECIFIC CORPORATE RISK SPECIFIC												
Aims	Aims:       1) Excellent Operational Preparedness.       2) Excellent Operational Response.       3) Excellent Prevention & Protection.       4) Excellent People												

3.	Loss of Strategic sites/Assets	3.1	Loss of strategic sites/assets and inability to provide services to Merseyside	3.1.1	1,2,3,4	Inability to respond to major local and national resilience incidents	20	Treasurer Finance Staff can operate applications from any MFRS site. Application hosted externally with ABS having fall back sites as well.	8	Head of Technology, Treasurer, AM Operational Preparedness
								<u>Head of Technology &amp; AM</u> <u>Operational Preparedness.</u> Secondary Fire Control is available at TDA for relocation and '999's can be diverted regardless of the availability of SHQ. A fall-back 'buddy'		

3.	Loss of Strategic Sites/Assets	3.2	Loss of FSHQ, FIRE CONTROL, TADA, fire stations and National Resilience Control	3.2.1	1,2,4	Inability to respond, delay in providing core services	20	agreement is in place with Surrey FRS and BT to redirect and manage emergency 999 calls during periods of outage, spate and spike.	8	
							20	SHQ has a UPS backup which will provide electrical power to SHQ to enable decant to fall back sites.	8	Head of Technology, Treasurer, AM Operational Preparedness
								New agile working and ICT provision is in place for staff to work elsewhere if required. Business Continuity plans have been updated and are in place. Plans in place for Core training to be carried out on fire stations if required		
3.	Loss of Strategic Sites/Assets	3.3	Loss of utilities due to infrastructure failure.	3.3.1	1,2,3,4	Inability to provide core services temporarily whilst fall-back site is brought online		and TDA unavailable. Apr- Sep Update Head of Technology The ICT Capital budget covers the replacement of Surface Pros in line with their Asset Life to aid mobile working. Due to the removal of		

								SIRAH, Risk & Operational Information was only available on the Mobile Data Terminal(MDT) in appliances. ICT were asked to explore an interim solution, as work continues by the CFRMIS project, this was implemented mid- 2021.		
								Due to the removal of SIRAH Risk & Operational Information was only available on the Mobile Data Terminal(MDT) in appliances. ICT were asked to explore an interim solution, as work continues by the CFRMIS project, this was implemented mid- 2021.		
3.	Loss of Strategic Sites/Assets	3.4	Protective security- potential risks resulting from non-compliance with FRS Protective Security Strategy.	3.4.1	1,2,3,4	Potential security risk in relation to all FRS assets, particularly in relation to Personnel, information and premises risk.	20	A Protective Security Group is led by the Director of Legal and includes representatives of several departments with security responsibilities. There is a Protective Security Policy and three Service Instructions that	9	Director of Strategy and Performance

							deal with Information, Physical and Personnel security An Internal Audit review of arrangements found MFRA to be compliant with the latest versions of the national requirements. <b>April-Sep Update</b> Protective security group continues to meet regularly and addresses any emerging issues.	
3.	Loss of Strategic Sites/Assets	3.6	Potential elevated target risk for terrorist action in regards to cyber crimes	8.1.1	1,2,3,4	Loss of Fire Control ICT services and information assets	See 6.2 and 6.9. As a further mitigation, cyber security is also increased by having the Fire Control infrastructure on its own firewalled network, with limited access in and out. <b>April-Sep Update</b> No change during this period. <b>AM Preparedness</b> CYBER Exercise held in July 2021. MFRS developing plan win conjunction with	Head of Technology

			Merseyside Resilience	
			forum	

Mission :- Safer Stronger Communities: Safe Effective Fire-fighters												
RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	ІМРАСТ	RISK SCORF	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER		
Aims	: 1) Excellent Opera	ational	Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Prever	ntion 8	& Protection. 4) Excellent	People	9		
4.	Environmental and Political	4.1	Increase in Environmental incidents resulting in the inability to respond	4.1.1	1,4	HSE and legislative impacts from illegal discharges (impact from fire-fighting activity)	15	Action plans are in place with Fire Control to inform the Environment Agency when operational activity may impact the environment to assist with mitigation. HMEPO support officers are available across all flexi duty groups to support incident commanders.	10	AM Operational Response		

								<b>April-Sep Update</b> No changed in the mitigation process from the above statement.		
4	Environmental And Political	4.2	Insufficient water pressure resulting in the inability to fight fires effectively.	4.2.1	1,2	Potential for major consequences, FF injuries		High volume pumps (HVP's) and hose layer units available to support water supplies. Additional HVP's available via NCAF arrangements.		AM Operational Preparedness
							25	Availability of mapping for water mains to be accessible on the command support unit. Currently awaiting sign off of a Data Licence agreement with United Utilities to share "Safe Dig" Software	4	
								April-Sep Update United Utilities(UU) presented at a command seminar June 2021. Additional water support is available from UU through Fire Control and Local Resilience Forum arrangements.		

4.	Environmental and Political	4.3	Changing demographics in	4.3.1	1,2,3,4	Increased economic costs from increases in arson	15	Increased economic costs from increases in arson –	12	AM Prevention
			Merseyside brings					The arson reduction strategy		
			about a changing in	4.3.2	1,2,3,4	Increased economic costs from	15	focuses multi-agency	12	
			vulnerability profile			increases in fraud.		community safety campaigns		
			and higher					in high demand wards in		_
			unemployment.	4.3.3	1,2,3,4	Increased incidents eg. fires	15	order to support and	12	
								community cohesion,		
				4.3.4	1,2,3,4	Increased antisocial behaviour	15	develop community	12	
						(ASB)		resilience and reduce the		
								tolerance of anti-social		
								behaviour (ASB), domestic		
								abuse (DA), serious		
								organised crime (SOC) &		
								associated deliberate fire		
								setting.		
								Increased antisocial		
								behaviour (ASB) – The arson		
								reduction strategy focuses		
								multi-agency community		
								safety campaigns in high		
								demand wards in order to		
								support and community		
								cohesion, develop		
								community resilience and		
								reduce the tolerance of ASB,		
								DA, SOC and the associated		
								deliberate fire setting. The		
								Street Intervention Team are		
								also deployed via the		
								Voluntary Organisation		
								Support Service (VOSS) and		

								Merseyside Police to engage and divert children and young people away from anti-social behaviour and towards more meaningful activities. Increased incidents e.g. Fires – Community Risk Management risk reduction strategies are designed to put measures in place to reduce risk and mitigate high call demand outputs and outcomes are reported via Performance Management Group. <b>April-Sep Update</b> Update as above, however we have sought to understand the broader health related impacts of covid on communities and vulnerable people.		
4.	Environmental and Political	4.4	Reputation	4.4.1	1,2,3,4	Negative changes to the Community perception of MFRS may be detrimental to Prevention, protection and partnership activities eg.	15	April-Sep Update MFRS continues to be well regarded due to highly effective service delivery and positive communications.	12	Director of Strategy and Performance

						failure to deliver safety messages.				
4.	Environmental and Political	4.5	Increased flood risk	4.5.1	1,2	Ability to respond to major flooding incidents from spate conditions.	15	<u>Response</u> Operational Crews train for and are equipped for water rescue incidents. Senior Officers train against national standards for flood	10	AM Operational Preparedness & Operational Response
		4.6	Extreme Weather	4.6.1	1,2	Spate conditions will impact on ability to respond	15	response. Specialist Teams are available for local, national and inter-national flood response.	10	AM Operational Preparedness & Operational Response
								Additional resources are available to the Service if required for increased levels of activity. Increased Alert Level protocols can be implemented by Senior Officers for anticipated events.		
								April-Sep Update <u>AM Preparedness</u> Additional resources are available to the Service if required for increased levels of activity.		
								Increased Alert Level protocols can be implemented by Senior		

								Officers for anticipated events. (These protocols have now changed and are referenced as Fire Silver or Fire Gold meetings to discuss severe weather). <u>AM Response</u> No changed in the mitigation process from the above statement.		
4.	Environmental and Political	4.7	Civil Unrest	4.7.1	1,2,3	Inability to respond effectively to civil unrest	15	MFRS continually liaises and trains with Merseyside Police and other agencies through formal Local Resilience Forum channels to ensure a coordinated approach to Civil Unrest following the principles of JESIP (Joint Emergency Services Interoperability Protocol). <b>April-Sep Update</b> Service Instructions were reviewed in light of increased protests due to COVID	10	AM Operational Preparedness & Operational Response

4.	Environmental and	4.9	Diesel fuel vehicles	4.9.1	1,2,3	Initiate an Electrical charging	April-Sep Update	AM
	Political		being phased out in			infrastructure and electric	Initial discussion meeting	Operational
			the future			vehicles considering the Local	held Sept 2021 and being	Preparedness

	Authority aim to introduce pollution charges.	raised at Strategic Estates Group October 2021	

4.	Environmental and	4.10	Fuel Strike		Loss of fuel available due to	Merseyside Resilience Forum	AM Operational
	Political				strike. Critical services only to	Fuel plan for strike	Preparedness
					utilise MFRS diesel tanks.	conditions. MFRS fuel tank	
						supplies utilised for critical	
						services only during strike	
						conditions	
						April-Sep Update	
						Business Continuity	
						arrangements reviewed and	
						discussed at meetings	
						planned within September	
						2021	

Miss	Mission:- Safer Stronger Communities: Safe Effective Fire-fighters										
RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	ІМРАСТ	RISK SCORF	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER	
Aims	: 1) Excellent Opera	ationa	Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Preve	ntion 8	& Protection. 4) Exceller	nt Peopl	e	
5.	Loss of Key Staff	5.1	Sudden Mass Absenteeism	5.1.1	1,2,3,4	Loss of Key staff, Inability to provide core services	15	AM Response	10	AM Operational Preparedness	

Pand	lemic, Strike,	The Authority maintains a	& Operationa
CBRN	NE incident,	resilience team capable of	Response
signi	ficant incident	providing the necessary	
		operational response	
		provision as required within	
		the 10 key locations during	
		contingency situations. In	
		addition, section 13-16	
		arrangements are	
		maintained to supplement	
		internal resilience	
		arrangements.	
		April-Sep Update	
		No change this period	

5.	Loss of Key Staff	5.2	Industrial Action	5.2.1	1,2,3,4	Inability to attend incidents,	The Authority maintains a	12	Director of
			resulting in the			provide core services	resilience team capable of		POD
			Inability to provide				providing the necessary		
			suitable response				operational response		
							provision as required within		
							the 10 key locations during		
							contingency situations. In		
							addition, section 13-16		
							arrangements are		
							maintained to supplement		
							internal resilience		
							arrangements.		
							-		
							April-Sep Update		

				The situation remains as	
				reported in the last quarter	

5.	Loss of Key Staff	5.3	Change resulting in	5.3.1	1,2,3,4	Loss of key skills, lack of	15	The Authority continues to	12	Director of
			loss of Key staff and			momentum going forward,		manage its staffing		POD
			increasing workloads			reduced ability to respond to		requirements through the		
			to set strategy and			changes.		Workforce strategy group,		
			deliver services					appraisal process, and		
								Gateway promotion process.		
								All combining to identify		
								potential staff or skill		
								shortage, and ensure		
								adequate training,		
								promotion or recruitment to		
								address those needs		
								April-Sep Update		
								No fundamental change		
								from the position reported		
								last quarter. Plans already in		
								place for next round of		
								firefighter recruitment and		
								gateway process to be		
								completed for Area Manager		
								and Group manager		

RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	ІМРАСТ	RISK SCORF	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER
Aim	s: 1) Excellent Opera	ational	Preparedness. 2) Exce	ellent Op	perational	Response. 3) Excellent Prever	ntion 8	& Protection. 4) Excellent	People	9
6.	Technology Risks	6.1	Management of 3rd Party Technology Suppliers Software & Applications Training requirements.	6.1.1	1,2,3,4	Loss or reduction in the quality of services provided	12	ICT telent, under the contract and the internal ICT client team manage suppliers to achieve the required service levels and ensure suppliers are appropriate to support the needs of MFRA, both across the ICT infrastructure and the commodity & fire control applications used by the Authority. This ensures the suppliers deliver continuous service improvement, show best value and are fit for purpose to meet the business needs. Apr- Sep update Head of Technology Capita plc (Capita) announced 01.01.2021 that it has agreed to sell its Secure Solutions and	6	Head of Technology Director of Strategy & Performance FMIS Manage

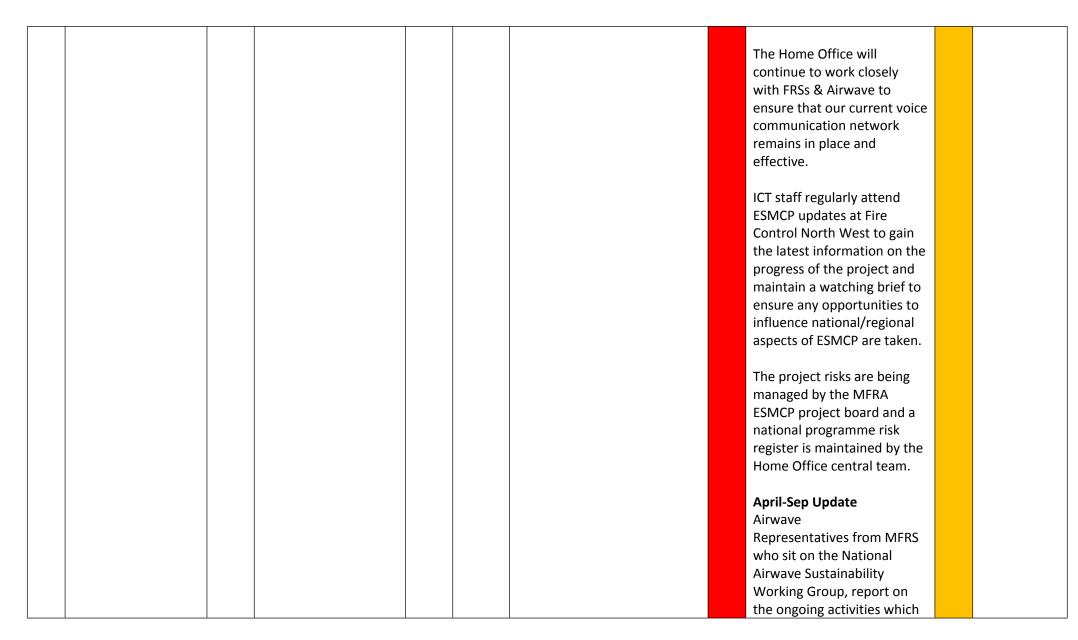
								NEC Software Solutions UK Limited Capita emphasised the message that it is very much business as usual whilst ownership transfers. Director of Strategy and Performance Relationships between MFRA, telent and suppliers continue to be positive and effective.		
6.	Technology Risks	6.2	Infrastructure sharing with partners. Security from Virus and hacking, loss of data (Laptops, CD etc.).	6.2.1	1,3,4	Data compromised, loss of data, complaints, legal action, fines	15	Director of Strategy & Performance The Strategy and Performance ICT Board considers and responds to strategic risks A Protective Security Group focuses on information security Governance arrangements for applications were been reviewed and formalised in 2016. April-Sep Update The ICT Strategic Board and several operational Boards	12	Head of Technology Director of Strategy & Performance

								beneath that continue to effectively manage all ICT arrangements.		
6.	Technology Risks	6.3	The inability to keep pace with technology changes.	6.3.1	1,2,3,4	Loss or reduction in the quality of services provided	15	MFRA has forgone a concrete roadmap for its newly launched ICT strategy and has instead adopted a strategic framework which reviews planned activities and outcomes in a yearly cycle of meetings. This ability to 'evolve' the strategic outcomes allows the Authority to match the fast pace of change in the ICT sector, taking advantage of appropriate innovations, whilst having an ICT infrastructure that is robust, secure, reliable and resilient. For this reason, our ICT strategy is encapsulated in our ICT strategic framework and our asset management plan, and is then aligned to wider organisation strategy at the quarterly held S&P ICT Board. April-Sep Update	12	Head of Technology

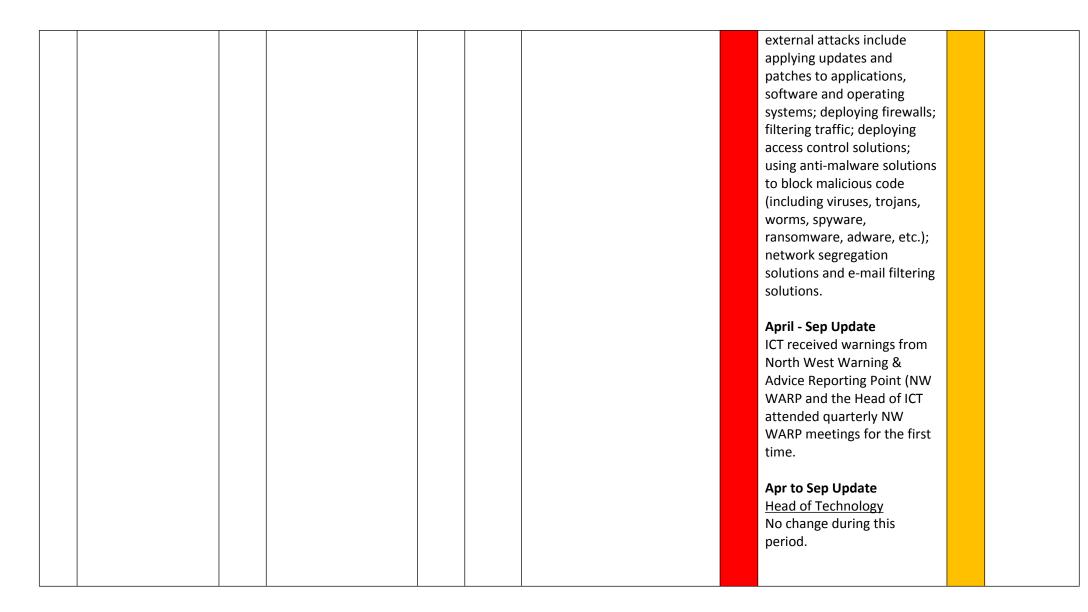
				No change during this period.	

6.	Technology Risks	6.4	Poor data/information	6.4.1	1,2,3,4	Data compromised, loss of	15	There are polices for	12	Director of
			management resulting			data, complaints, legal action,		Information Security and		Strategy and
			in loss of data, legal			fines		Governance, Acceptable use		Performance
			redress from					of ICT equipment and		
			Information					Protective Security.		
			Commissioner.					There are also several		
			Particularly in relation					Service Instructions covering		
			to failure to					the key issues associated		
			implement the					with this, including data		
			General Data					protection, retention period,		
			Protection Regulation.					destruction of information		
								assets, records management		
								and Freedom of Information.		
								Work to implement the		
								General Data Protection		
								Regulation was successful.		
								This included:		
								Developing an information		
								asset register, privacy impact		
								assessments, access to		
								information and the role of		
								the Data Protection Officer.		

								Collaborative work with Merseyside police and other FRAs is being considered to share best practice. <b>April – Sep update</b> Work continues to ensure legislation is complied with including: Information sharing agreements Privacy notice updates Data Protection impact assessments Reviews of records management Advice/training for staff		
6.	Technology Risks	6.5	The Emergency Services Mobile Communication Programme (ESMCP) and transition to the emergency services network	6.5.1	1,2,3	Radio voice services cannot be guaranteed for the transition	16	ESMCP will replace the communication service delivered by Airwave with a national mobile communication service for all three emergency services. The ESMCP presents a high- risk potential for MFRA, dependent on external factors beyond its day-to-day control; the main issue being slippage at the national level.	9	Head of Technology



6.	Technology Risks	6.7	Withdrawal and	6.7.1	1,2,3,4	Robust transitional	15	ensure the continued support and availability of Airwave is maintained. ESMCP Work continues on the various ESN product streams and associated test plans in readiness for pilot trails and Operational Evaluation exercises. Due to Programme delays, these are now expected to take place in 2023. The replacement of the	12	Director of
			transition arrangements from SOPHTLOGIC to new MIS for Community Fire Protection.			arrangements are required to ensure the Authority can carry out its statutory duty as the Enforcing Authority under the RRO (Fire Safety) 2005.		SOPHTLOGIC system is programmed in for development and options are being explored. The transitional arrangements remain part of that process. April-Sep Update The Sophtlogic arrangement is being phased out as CFRMIC comes online.		Strategy and Performance
6.	Technology Risks	6.9	Increase potential for Cyber Attack as we move to the Cloud			Loss or reduction in the quality of services provided	15	ICT deploys a number of security measures to protect the Merseyside Fire and Rescue Authority (MFRA) networks and information. Measures to protect from	12	Head of Technology



RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	ІМРАСТ	RISK SCORF	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER
Aims	: 1) Excellent Oper	ational	Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Prever	ntion 8	Protection. 4) Excellent	People	
7.	Procurement	7.2	Poorly Managed contracts/Partnerships the Financial impacts, onerous T&Cs	7.2.1	1,2,3,4	Negative impact on service delivery, legal issues, poor quality Partnerships undertaken	12	Regular, documented contract management in place for key contracts with priorities agreed between the Authority and the supplier. April-Sep Update Formal contract management arrangements are in effect for key contracts: ICT services; Facilities Management (including PFI); Long Term Capability Management. The contracts register has been populated which will assist with their management e.g. extensions, re-procurement, merge etc. A policy to protect the Authority from Modern	0	Head of Procurement

								Slavery practices has been drafted with a view to provide additional training for contract managers. A suitable contract management accreditation course has been identified.	
7.	Procurement	7.3	Key suppliers of goods and services ceasing to trade	7.3.1	1,2,3,4	Immediate impact on availability of goods and services required to operate efficiently, legal issues, alternative sources of supply needed.	15	Use of Creditsafe alerts to identify and financial changes to contracted suppliers. April-Sep Update Use of framework agreements where possible with multiple supplier arrangements to allow for alternative supply Selection questionnaires (SQ) when used ask suppliers to confirm their turnover as commensurate with contract value and that they are trading profitably. Economic and financial standing questions are also asked in the SQ. At the point of award, audited accounts and	Head of Procurement

				insurance documents are requested to check the validity of statements.	
				During the course of contracts the credit- worthiness of strategic suppliers is monitored. The annual renewal payment for the monitoring application was made in July.	

	1.8	Changes to insurance discount rates	1.8.1	1,2,3,4	Increased insurance premiums	15	This is largely out of the control of MFRA but careful negotiation and management of all contracts assist with mitigating the effect. <u>Removed Sept 2019</u>	12	Director of Legal, Procurement & Democratic Services
			3.5.2	1,2,3,4	Saughall Massie		Planning permission has now been received for Saughall Massie and Authority approval will be sought later in 2017 for the build to commence, once the land has been obtained. Removed Sept 2019	6	Head of Estates

4.	Environmental and Political	4.11	Diesel fuel vehicles being phased out in the future	4.11.1	1,2,3	Impact on fleet and lease vehicles		Long term planning for vehicle and asset refresh. <b>April-Sep Update</b> Risk merged with 4.9 with change to descriptor – November 2020		AM Operational Preparedness
6.	Technology Risks	6.10	Unavailability of the Home Office Incident Recording System (IRS). March 2019 - CFOs have received notification that funding has not been granted to renew this system and although the intention is to maintain it there is a risk that it will become unavailable.			MFRS would be unable to record any detailed data about incidents other than what is captured on the mobilising system management information system. This would severely hamper the Service's ability to supply data and information for planning and performance management purposes.		We will engage with Home Office and NFCC to try and ensure that access to the system is not lost. Also, some fire and rescue services have their own incident recording system and only use IRS to send data to government. We will explore other systems used and whether they would be appropriate/affordable for MFRS. Closed March 2020	12	Director of Strategy and Performance
3.	Loss of Strategic Sites/Assets			3.5.3	1,2,3,4	St Helens	25	In St. Helens a suitable site has been identified & negotiations are currently underway to resolve the various issues that are currently preventing	12	Head of Legal & Democratic Services.

		progress. If this site fallsthrough, an alternative sitewill be sought. If nothingappropriate can be found,Eccleston will closecompletely and the currentSt. Helens site continue tobe utilised for response inthe wider St. Helens area.
		Apr-Sep UpdateNew station build completedand opened on 16th SepoberStation completed andopened on 16th Sepober.CLOSED