				MFRA	RISK MATRIX			
			Suffins	MERSEYSIDE	(6	elihood A		
	Increasing	g Impact B		FIRE & RES	SCUE		4	
-			- Congrass	SERVICE			Likely	
	1	Slight	Manage for continuous improvement	Manage for continuous improvement	Manage for conti improvemer	nuous nt	Manage for continuo improvement	
C	2	Minor						April 2020 –March 2021
	3	Significant			Develop Reduction	measures	Compulsory Risk reduc	APRIL 2020 to SEPTEMBER 2020 update
	4	Major		Develop Reduction measures	Compulsory Risk re	eduction		
	-	major						

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	The appetite for Legal and legislative risk is low. 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	The appetite for risk in relation to strategic sites and assets is moderate. 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	The appetite for Technology risk is low. 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.

Aims: 1) Excellent Operational Preparedness.

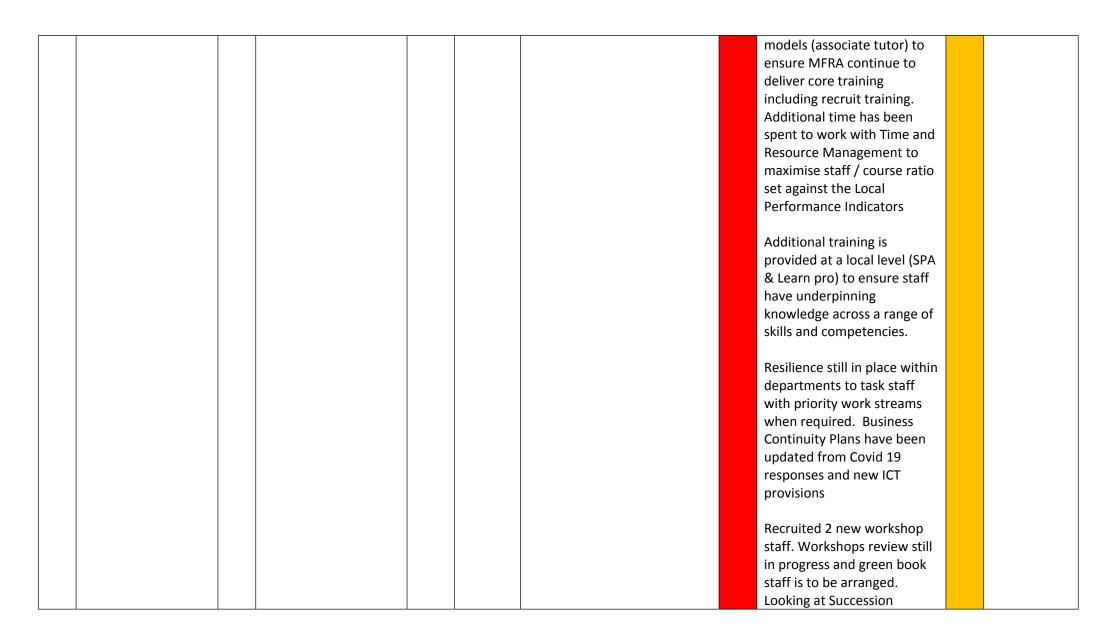
2) Excellent Operational Response. 3) Excellent Prevention & Protection.

4) Excellent People

 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 S	Stronger C	ommunities: Safe Effective Fir	e-figh	ters		
RISK	STRATEGIC CORPORATE RISK			SUB RISK No.	AIMS AFFECTED	ІМРАСТ		MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER
Aims	: 1) Excellent Operation	ational	Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Prever	ntion 8	& Protection. 4) Excellent	People	2
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.	12	AM Operational Preparedness
								April-Sep Update GM Training constantly reviews staffing levels at the Training Development Academy and has explored different pilot delivery		



						Planning for Transport Manager. Business Continuity Officer in place. Operational Procedure Review Team project on target to deliver. Increased courier risk due to kit movements that were meant to drop off through TRM.		
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. April-Sep Update 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	10	Director of POD

						April-Sep Update The implementation of the Hybrid duty system is currently ongoing which will culminate in additional posts and Appliance availability being built into the establishment		
1.	Budget/Financial Risks	1.1.4	1,2,3,4	Reduced ability to maintain FF safety	15	<u>AM Response</u> 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 MFRA continues (including during the pandemic lockdowns) to deliver core training including recruit training. Additional time has been spent to work with Time and Resource Management to maximise staff / course ratio set against the Local Performance Indicators.		

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	1.2.1	1,2,3,4	Increased fires, deaths and injuries	15	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. 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.	10	AM Prevention AM Protection
			Community Safety Risk – failure to address risks to community & Firefighters					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 April-Sep Update The approach to Home Safety has been indifferent this year due to COVID. Advocates continue to deliver Safe and Well and operational crews will		

								deliver HFSCs if the risk of fire outweighs COVID in the main this is post fire. We have experienced 4 fatal fires in quarter 1 but performance against accidental dwelling fires targets is positive. AM Prevention		
								Protection are in the process of recruiting a number of Watch Managers and trainee FSI(S) in order to maintain current performance and increase future capacity. AM Protection		
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 change this period Despite the Covid 19 pandemic we have been able to maintain response	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. April-Sep Update- Treasurer 2020/21 Pay awards have been settled within the overall established provision (2.75% for non-Firefighter staff, 2% for firefighters	0	Treasurer
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 April-Sep Update Despite the pandemic, services have largely been maintained even with some staff working from home during lockdowns.	6	SLT

							The Authority have produced a balanced 2020/21 Budget without the need to find further employee savings		
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 April to Sep update Grant payments from Home Office have been unaffected at present time with additional grants now being made available to MFRA to support asset refresh and Long Term Capability Management elements. Working relationship with HO remains very positive with periodic finance meetings being held with relevant stakeholders. Given the timing of the New Dimensions 2 project and the current arrangements for Lead Authority status that are on place, we would	12	AM National Resilience

								not anticipate any will from Home Office to change the current arrangements and therefore extension to the Lead Authority arrangements and the associated funding, whilst not yet confirmed, is likely to continue.		
1.	Budget/Financial Risks	1.9	The impact of unfavourable trade deals with the EU following UK exit in March 2019	1.9.1	1,2,3,4	If the UK leave the EU in March with an unfavourable trading relationship this will have an adverse effect on the supply of goods imported from EU countries. Prices are likely to increase putting strain on budgets, lead times may be extended, shortage and scarcity of parts due to border hold ups, organisations stockpiling and starving supply, contractors failing.	20	Procurement are contacting critical suppliers to seek details of action they will take to maintain supplies post Brexit, whatever the agreement. April-Sep Update No known issues have been identified to date.	15	Senior Solicitor, Head of Procurement & Democratic Services
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			Any remedy / compensation awarded by the Tribunal may have a significant financial impact on the Authority both in terms retrospective compensation payments for	12	As part of the review of current reserves during 2019/20 the Director of Finance will look to increase the General Reserve and create a specific reserve for	8	Director of Finance / CFO / SLT

 1				
	transitional	retired firefighters and curren	McCloud/Pension grant as	
	protections afforded	employees (who may transfer	part of a strategy to allow	
	to older members	back from FPS 2015 to FPS	the Authority time to deal	
	when the Firefighter	1992 and therefore the	with any permanent costs	
	Pension Scheme(s),	employer rate would increase	associated with the relevant	
	FPS, and Local	from 28.8% to 37.3%). At this	outcome of the final remedy.	
	Government Pension	point in time both the remedy		
	Scheme, LGPS,	and any Government funding	April – Sept update	
	constituted unlawful	is unknown, or is likely to be	The 2019 LGPS actuarial	
	age discrimination. On	known before 2020/21.	review has established an	
	27th June 2019 the		employer rate inclusive of	
	Supreme Court denied	In addition to the financial	the costs associated with any	
	the Government	impact the Authority may lose	McCloud remedy from	
	permission to appeal	a significant number of	2020/21 and therefore	
	this decision.	firefighters (including senior	mitigated the impact of any	
		staff) earlier than expected if	final remedy proposals.	
		staff revert back to a pension		
		scheme (FPS 1992) with a	HMT have indicated the cost	
		potential retirement age of 50	of firefighters returning to	
			their legacy schemes, with a	
			significantly higher employer	
			rate are likely to be built into	
			the 2020 FPS Actuarial	
			review and new employer	
			rates from 2023/24. The	
			proposed 2021/22 MTFP will	
			take into account a forecast	
			for the cost of any employer	
			rate increase from 2023/24.	
			······································	
				4

Miss	Mission :- Safer Stronger Communities: Safe Effective Fire-fighters														
RISK	RISK STRATEGIC CORPORATE RISK \hat{V} SPECIFIC CORPORATE RISKS \hat{V} IMPACT \hat{V} SPECIFIC CORPORATE RISK \hat{V}														
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.	8	SLT
								research and analysis activities are carried out, risks are assessed and strategies and processes adopted to deal with them.		
								April-Sep Update		

2.	Legal and Legislative Risks	2.1.2	1,2,3	Inability to respond to major national resilience incidents	15	8	SLT
		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. April-Sep Update	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 No challenges in the form of Judicial Review or other have been received within this period	8	Senior Solicitor, Head of Procuremen t and Democratic Services

2.	Legal and	2.4	Equality Act - not	2.4.1	4	Potential impact on	15	The Equality and Diversity	8	
	Legislative Risks		maintaining			reputation		Policy is regularly reviewed		
			compliance with the			Potential legal action		(most recently 2017)		
			Public Sector Equality					An Equality Action Plan has		
			Duty					been in place for five years,		
								with outcomes and risks		
								reviewed in full every year		
								and progress monitored		
								quarterly as part of the		Director of
								Service Delivery Plan.		Strategy and
								An E&D Annual Report		Performance
								details outcomes in line		
								with the Equality Act and		
								Action Plan		
								A Public Sector Equality		
								Duty data report is		
								produced annually and		
								analysed to feed in the		
								action planning process		
								Equality Impact		
								Assessments are carried		
								out for plans, policies,		
								guidance, instructions and		
								organisational change		
								A desk top exercise was		
								carried out in 2016/17 to		
								gather information in		

				relation to the LGA Equality	
				and Diversity Framework	
				Two staff surveys have	
				been carried out (2014 and	
				2016) and action taken to	
				address concerns with	
				preparation for a third	
				taking place during	
				2019/20.	
				Training and support is	
				given to staff to assist them	
				in complying with Equality	
				and Diversity related	
				duties.	
				duties.	
				April-Sep Update	
				Face to Face ED&I training	
				has been limited this	
				period due to the	
				pandemic, but virtual	
				training is being used	
				temporarily with an	
				intention to return to face	
				to face when possible.	
				•	
1					

								Equality Impact Assessments and work with staff networks has continued. The Authority has complied with the Public Sector Equality Duty and published the required reports despite the requirement to do so being suspended during the pandemic. The staff survey was postponed in the summer		
								but will take place in November/December.		
2.	Legal and Legislative Risks	2.6	Policing and Crime Act 2017	2.6.1	2,3	Potential change to Governance	15	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.	12	AM Preparednes s

						April-Sep Update As Above, in addition the Blue Light Collaboration Programme Board have created a working group to consider strategic direction for collaboration delivery for 2021 and beyond.		
2.	Legal and Legislative Risks	2.6	5.2 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	8	AM Preparednes s

				the safety of the public, or	
				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	
				No change this period	

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	6	Senior Solicitor, Head of Procurement &
								these types of incidents.		Democratic Services

								No change to this period as the engagement with health and safety and training continues to be implemented		
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. April-Sep Update This remains an apparent risk however the liaison with Estates and Health and Health and safety continues and any incidents managed well and risks reduced	6	Senior Solicitor, Head of Procurement & 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	8	SLT

				April-Sep Update	
				Compliance with the	
				Transparency Regulations	
				is kept under review and	
				information updated on	
				the website as required.	

2.	Legal and Legislative Risks	2.1 0	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 process to maximise learning which includes advice from Legal to ensure protection. April-Sep Update No change this period	10	AM Operational Response
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 The management of the contract and liability of the Authority continues to be mitigated	10	Senior Solicitor.

CORPORATE RISK REGISTER 2020/21 – April – Sept update

2.	Legal and Legislative	2.12	Recruitment of	2.12.1	Increased risk of fire	15	Competency will be	10	Director of
	Risks		Trainee Firefighters		appliances being involved in		managed through the		HR, AM
			with limited driving		collisions due to inexperienced		driving school with		Operational Preparednes
			experience who are		drivers being required, under		assessment and		Frepareuries
			contracted to		contract, to drive fire		development plans being		
			undertake EFAD		appliances for routine and		tailored to the individual.		
			driving.		response activity.		Trainees will not be time-		
					Recruitment application only		bound on when EFAD		
					requires the applicant to hold		driving is first undertaken		
					a valid driving license and		following LGV qualification.		
					does not account for		It will be the Driving School		
					longevity, experience or type		Manager who will decide		
					of vehicle they have driven.		how long LGV routine		
							activity driving will take		
							place prior to EFAD		
							qualification to allow less		
							experienced individuals to		
							gain the required road		
							knowledge.		
							Apr-Sep Update		
							No change this period. The		
							Driving school will assess		
							and decide when to put		
							individuals through training.		

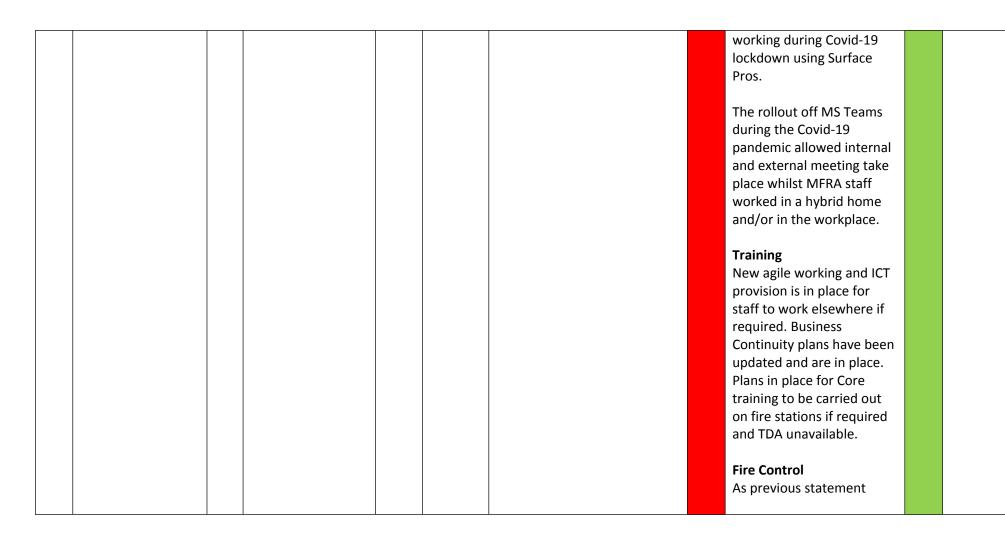
2.	Legal and	2.13	Insufficient	2.13.1	1,2,3	Damage to MFRS reputation	12	Resilience is provided to	9	AM
	Legislative Risks		experienced staff to			with the business partner and		ensure that any loss of key		Protection

			manage existing Primary Authority Partnerships			the government Department of Business, Energy and Industrial Strategy.		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. 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 Legislative Risks	2.14	Insufficient experienced, qualified staff to deal with serious fire safety complaints 'out of hours'.	2.14.1	1,2,3,4	Potential for MFRA to be unable to serve prohibition or restriction notices on premises out of office hours when the use of the premises involves or will involve a risk to the relevant persons so serious that use of the premises ought to be prohibited or restricted.	15	Senior Officers in Protection when scheduled on cover can provide this facility to respond out of hours; providing they are not engaged at an operational incident. Article 31 Officers provide some additional limited support to assess complaints but are not warranted officers or deemed competent under	9	AM Protection

 ,		 			
				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	
				Protection have recruited	
				and trained a number of	
				Watch Managers as	
				Protection Response	
				Officers. This team	
				provides 24/7 response to	
				any incident where Fire	
				Safety concerns are raised	
				, and can deal with them	
				appropriately. This includes	
				moving to formal	
				legislative requirements	
				under the Fire Safety	
				Order.	

RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	ІМРАСТ	RISK SCORE	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER
<u>Aim:</u> 3.	Loss of Strategic sites/Assets	3.1	Al Preparedness. 2) Loss of strategic sites/assets and inability to provide services to Merseyside) Excelle 3.1.1		onal Response. 3) Excellent P Inability to respond to major local and national resilience incidents	20	ion & Protection.4) ExcelTreasurerFinance Staff can operate applications from any MFRS site. Application hosted externally with ABS having fall back sites as well. Apr- Sep Update Following COVID19 first wave, new agile ICT equipment has been procured to enable flexible working – Head of TechnologyNew agile working and ICT provision in place for staff to work elsewhere if required. Business Continuity plans updated and in place Secondary Fire control and buddy arrangements continue to be in place – AM Preparedness	8	People Head of Technology Treasurer, AM Operationa Preparedne

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	Head of Technology & AM Operational Preparedness. 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' agreement is in place with Surrey FRS and BT to redirect and manage emergency 999 calls during periods of outage, spate and spike.	8	Head of Technology, Treasurer, AM Operational Preparedness
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		Apr- Sep Update For resilience purposes during COVID-19 restrictions, Fire Control Day Watch located in Secondary Control (TDA) and Night Watch at the Primary Control (SHQ). This ensures a degree of social distancing and reduces the likelihood of passing on infection. A significant piece of work took place especially in the early stages of the Covid-19 lock down. Enabled MFRA staff to undertake agile		



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 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. April-Sep Update The group did not meet during April to September but was reinstated in November. Despite this, work has continued through normal business to ensure security remains an area of focus.	9	Director of Strategy and Performanc e
----	-----------------------------------	-----	---	-------	---------	--	----	---	---	---

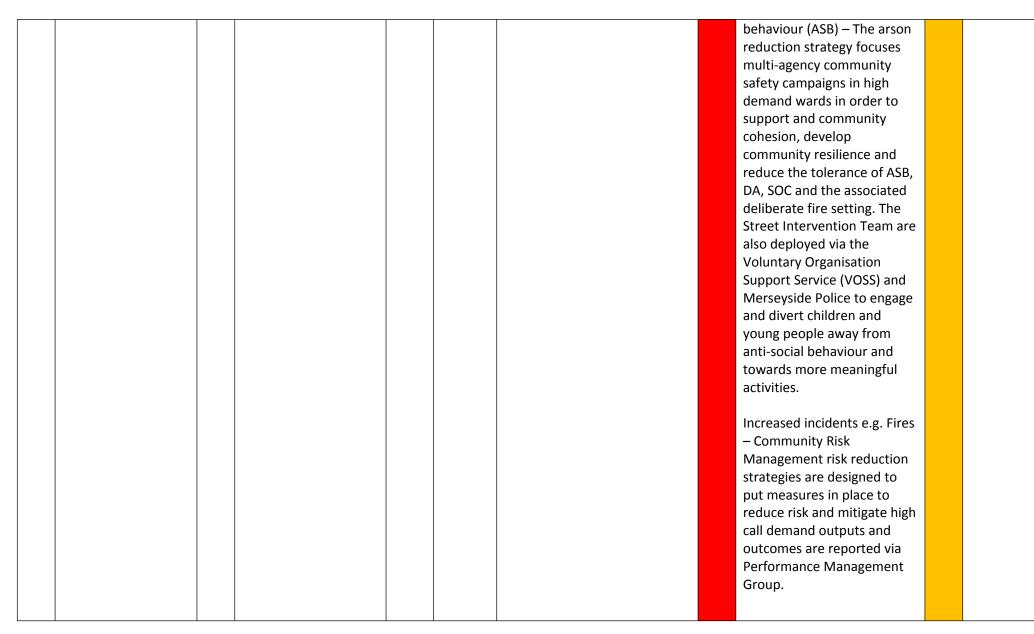
3.	Loss of Strategic Sites/Assets	3.5	5.3 1,2,	3,4	St Helens	25	In St. Helens a suitable site has been identified & negotiations are currently underway to resolve the various issues that are currently preventing progress. If this site falls through, an alternative site will be sought. If nothing appropriate can be found, Eccleston will close completely and the current St. Helens site continue to be utilised for response in the wider St. Helens area.	12	Senior Solicitor, Head of Procureme nt & Democratic Services.
							Apr-Sep Update New station build completed and opened on 16 th October Station completed and opened on 16 th October.		

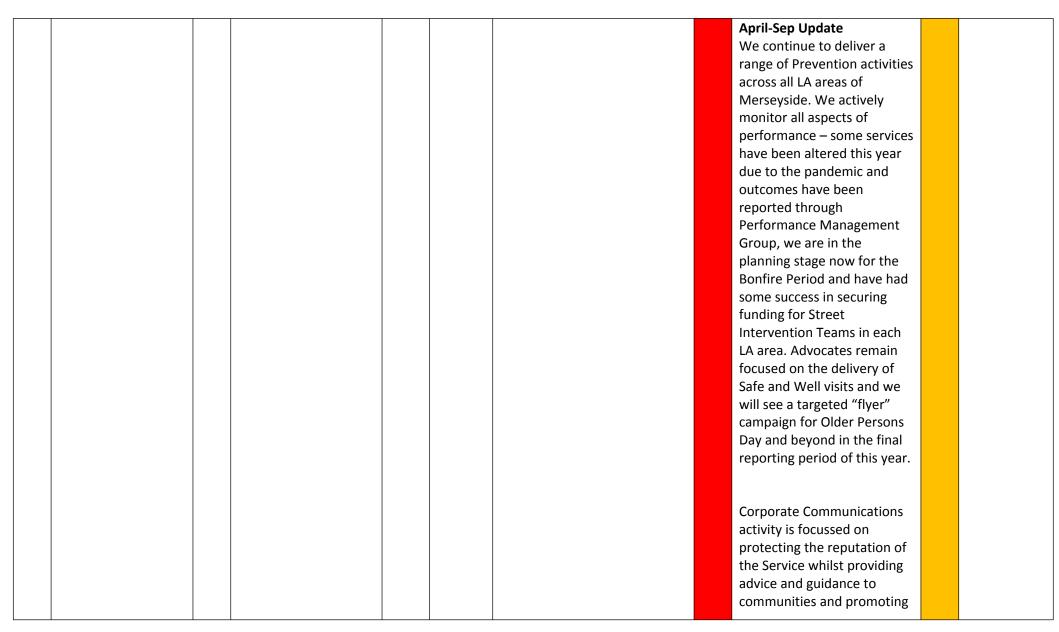
3.	Loss of Strategic Sites/Assets	3.6	Potential elevated target risk for	8.1.1	1,2,3,4	Loss of Fire Control ICT services and information	See 6.2 and 6.9.	Head of Technology
			terrorist action in regards to cyber crimes			assets	As a further mitigation, cyber security is also increased by having the Fire Control infrastructure on its own firewalled network, with limited access in and out.	

			April-Sep Update No reduction or impact on Fire Control services due to cybercrime related activities during this period.	
			As MFRA upgrades its command and control system from Vision 3 to Vision 5 the new solution will incorporate cyber protection and a cyber- security penetration test will take place before go- live in Feb 2021.	

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	l Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Prever	ntion 8	& Protection. 4) Excellent	People	2
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. April-Sep Update No change this period	10	AM Operational Response
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	25	High volume pumps (HVP's) and hose layer units available to support water supplies. Additional HVP's available via NCAF arrangements. Availability of mapping for water mains to be accessible	4	AM Operational Preparedness

								on the command support unit. Currently awaiting sign off of a Data Licence agreement with United Utilities to share "Safe Dig" Software April-Sep Update No change this period. A Memorandum of Understanding with United Utilities is in place for Water supplies.		
4.	Environmental and Political	4.3	Changing demographics in Merseyside brings about a changing in vulnerability profile and higher unemployment.	4.3.1	1,2,3	Increased economic costs from increases in arson	15	from increases in arson – 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	12	AM Prevention
				4.3.2	1,2,3	Increased economic costs from increases in fraud.	15		12	
				4.3.3	1,2,3	Increased incidents eg. fires	15		12	
				4.3.4	1,2,3	Increased antisocial behaviour (ASB)	15		12	





4.	Environmental and Political	4.4	Reputation	4.5.1	1,2,3,4	Negative changes to the Community perception of MFRS may be detrimental to Prevention, protection and partnership activities eg. failure to deliver safety messages.	15	the services provided Social media is closely monitored (but not 24/4). Press and media queries are dealt with promptly with senior officers providing information Events are promoted and provided with communications support Staffing levels are relatively low when compared with other FRS's.	12	Director of Strategy and Performance
								April-Sep Update		
								Corporate Communications have significantly increased their staff communications output during the period to provide up to date information and guidance and staff during the pandemic. This also involved increased external communications to ensure the public were advised of		
								risks specific to the pandemic and lockdown as well as maintaining regular safety communications. Engagmeent with partner organisations increased to		

				enable this. Additional	
				resources were required to	
				facilitate this work.	
				The period has also seen the	
				preparation for the bonfire	
				period and preparation for	
				firefighter and Control	
				recruitment.	

4.	Environmental and Political	4.5	Increased flood risk	4.6.1	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	4.7.1	1,2	Spate conditions will impact on ability to respond	15	response. Specialist Teams are available for local, national and inter-national flood response. 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 No change this period	10	AM Operational Preparedness & Operational Response

	Function and a l	4.7	Civil Uprost	4.9.1	1 2 2	Inability to recoord offectively	15	MEDS continually ligitor and	10	AM
4.	Environmental and Political	4.7	Civil Unrest	4.8.1	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). April-Sep Update No change this period	10	AM Operational Preparedness & Operational Response

4. Environmen Political	tal and 4.9	Diesel fuel vehicles being phased out in the future	4.9.1	1,2,3	Initiate an Electrical charging infrastructure and electric vehicles considering the Local Authority aim to introduce pollution charges.		April-Sep Update A Task and finish group has been established to look at an electrical charging infrastructure and electric vehicles. The group is initialling examining Procurement frameworks available and assessing electric capacity on MFRS properties		AM Operational Preparedness
----------------------------	-------------	---	-------	-------	--	--	--	--	-----------------------------------

4.	Environmental and	4.10	Fuel Strike	Loss of f	uel available due to	Merseyside Resilience Forum	AM Operational
	Political			strike. C	Critical services only to	Fuel plan for strike	Preparedness
				utilise M	IFRS diesel tanks.	conditions. MFRS fuel tank	
						supplies utilised for critical	
						services only during strike	
						conditions	
						April-Sep Update	
						MFRS Fuel Plan is currently being reviewed	

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	9
5.	Loss of Key Staff	5.1	Sudden Mass Absenteeism Pandemic, Strike, CBRNE incident, significant incident	5.1.1	1,2,3,4	Loss of Key staff, Inability to provide core services	15	AM Response The Authority maintains a resilience team capable of 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.	10	AM Operational Preparedness & Operationa Response
								April-Sep Update Resilience still in place within departments to task staff with priority work steams when required, Business Continuity Plans have been updated from Covid 19 responses and new ICT provisions – AM Preparedness		

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		
							Resilience team members		
							continual to be		
							supplemented by new		
							recruits entering the service		
							ensuring any reductions due		
							to retirements are offset.		

5.	Loss of Key Staff	5.3	Change resulting in loss of Key staff and increasing workloads to set strategy and deliver services	5.3.1	1,2,3,4	Loss of key skills, lack of momentum going forward, reduced ability to respond to changes.	15	The Authority continues to manage its staffing requirements through the Workforce strategy group, appraisal process, and Gateway promotion process.	12	Director of POD
								All combining to identify potential staff or skill		

Aims: 1) Excellent Operational Preparedness.2) Excellent Operational Response.3) Excellent Prevention & Protection.4) Excellent People

		shortage, and ensure adequate training, promotion or recruitment to address those needs April-Sep Update	
		A significant number of substantive appointments have been made in line with Workforce Planning arrangements and ensuring newly introduced duty systems are fully resourced. External transfers in to MFRA have been facilitated at both FF and Supervisory manager level.	

RISK	STRATEGIC CORPORATE RISK	RISK No.	SPECIFIC CORPORATE RISKS	SUB RISK No.	AIMS AFFECTED	ІМРАСТ	RISK SCORF	MITIGATION	MITIGATE D SCORE	RISK/ACTION OWNER
<u>Aim:</u> 6.	Technology Risks	6.1	Preparedness. 2) Exce Management of 3rd Party Technology Suppliers Software & Applications Training requirements.	6.1.1	Derational 1,2,3,4	Response. 3) Excellent Prever Loss or reduction in the quality of services provided	12	A Protection.4) ExcellentICT 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 No change during this period.	People 6	e Head of Technology Director of Strategy & Performance FMIS Manage

								There will be an individual update for this area in future reports Apr- Sep update No concerns around arrangements for maintaining third party software provision during this period. <u>Finance & HR</u> There will be an individual update for this area in future reports		
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	12	Head of Technology Director of Strategy & Performance

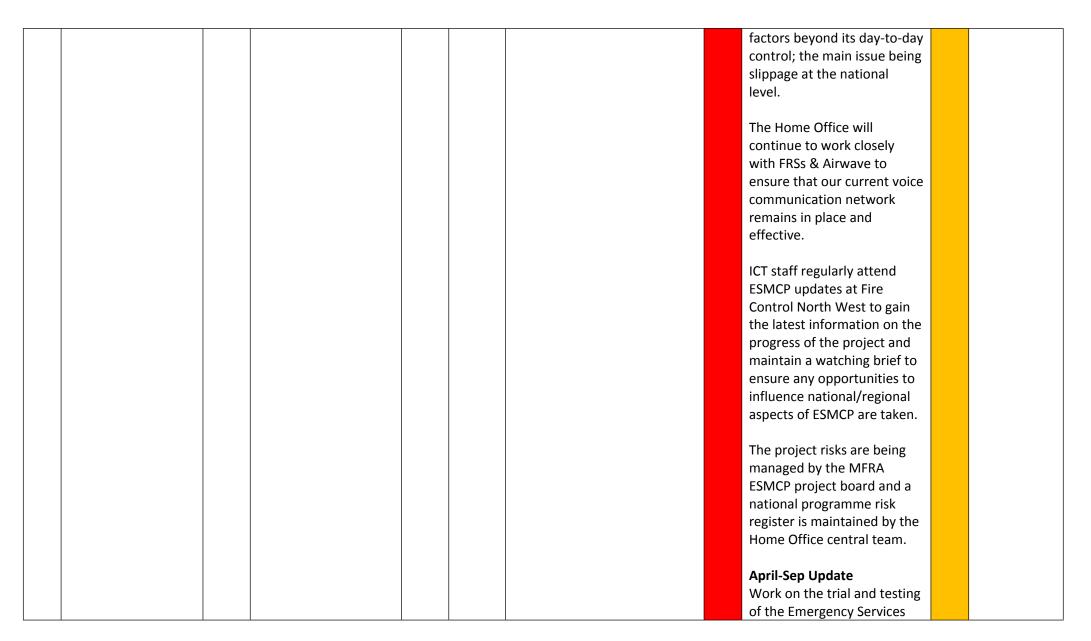
								The ICT Board and applications governance referred to above has continued throughout the period which ensures that any issues are identified and responded to. The Protective Security Group has now been reinstated, but work has continued in that area throughout the period.		
6.	Technology Risks	6.3	The 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	12	Head of Technology

		and our asset management plan, and is then aligned to wider organisation strategy at the quarterly held S&P ICT Board.	
		April-Sep Update November 2020 will see a restart of the Strategic Framework meetings as ICT return to Business as Usual working during Covid-19. Prior to Nov 2020 ICT has been operating a Business Continuity meeting structure.	

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. April – Sep update Work continues to ensure that data processing (new and exisiting) complies with legislation and good		
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	practice. 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	9	Head of Technology

Aims: 1) Excellent Operational Preparedness. 2) Excellent Operational Response. 3) Excellent Prevention & Protection. 4) Excellent People



6.	Technology Risks	6.7	Withdrawal and transition arrangements from SOPHTLOGIC to new MIS for Community Fire Protection.	6.7.1	1,2,3,4	Robust transitional arrangements are required to ensure the Authority can carry out its statutory duty as the Enforcing Authority under the RRO (Fire Safety) 2005.	15	Network Direct 2.0 products is nearing completion. The successful trials should ensure the final PRIME product due in Q3 2021 will deliver an effective operational replacement to the Airwave product. Work to ensure the continued availability and support of the Airwave radio system are ongoing including upgrades within the Airwave network and fibre links to our onsite equipment. The replacement of the SOPHTLOGIC system is programmed in for development and options are being explored. The transitional arrangements remain part of that process. April-Sep Update Work is ongoing to replace this application.	12	Director of Strategy and Performance Head of
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

Aims: 1) Excellent Operational Preparedness. 2) Excellent Operational Response. 3) Excellent Prevention & Protection. 4) Excellent People

		external attacks include applying updates and patches to applications, software and operating systems; deploying firewalls filtering traffic; deploying access control solutions; using anti-malware solution to block malicious code (including viruses, trojans, worms, spyware, ransomware, adware, etc.); network segregation solutions and e-mail filtering solutions.	
		April - Sep Update ICT received warnings from North West Warning & Advice Reporting Point (NW WARP and the Head of ICT attended quarterly NW WARP meetings for the first time.	

Miss	ion :- Safer Stronger	^r Comn	nunities: Safe Effective	Fire-fig	hters					
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	rationa	Preparedness. 2) Exc	ellent O	perational	Response. 3) Excellent Prever	ntion 8	k Protection. 4) Excellent	People	9
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	8	Head of Procurement
								Additional training is being arranged for Procurement staff to ensure the management of contracts is at the highest professional level		
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 No areas of concern have been identified	12	Head of Procurement

	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. <u>Removed Sept 2019</u>	6	Head of Estates

4.	Environment 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	vehicle April-S Risk me with ch	erm planning for and asset refresh. ep Update erged with 4.9 ange to tor – November		ational aredness	
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.		re al w m sy ha su fo	IFRS would be unable to cord any detailed data bout incidents other thar hat is captured on the obilising system hanagement information ystem. This would severe amper the Service's ability upply data and information or planning and performa- hanagement purposes.	ו ly ty to on	We will engage with Office and NFCC to ensure that access t system is not lost. Also, some fire and services have their of incident recording s and only use IRS to data to government explore other system and whether they w appropriate/afforda MFRS.	try and to the rescue own ystem send t. We will ms used yould be able for	12	Director of Strategy and Performance