





CALCULATION OF RISK EXPOSURE ON BASIS OF PROBABILITY TIMES IMPACT MEASURE

Probability	Focus on risk reduction						Contingency plans and risk reduction					
	1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0	
High	0	9	8	7	6	5	4	3	2	1	0	
High	0	9	18	14	12	10	8	6	4	3	2	
High	0	8	16	14	12	10	8	6	4	3	2	
High	0	7	14	21	18	15	12	9	6	4	3	
Medium	0	6	12	18	24	20	16	12	8	6	4	
Medium	0	5	10	15	20	25	20	15	10	7	5	
Medium	0	4	8	12	16	20	24	28	32	36	40	
Medium	0	3	6	9	12	15	18	21	24	27	30	
Low	0	2	4	6	8	10	12	14	16	18	20	
Low	0	1	2	3	4	5	6	7	8	9	10	
Low	0	0	0	0	0	0	0	0	0	0	0	
		0	10	20	30	40	50	60	70	80	90	100
		Low	Low	Low	Medium	Medium	Medium	Medium	High	High	High	High
		Ignore					Focus on contingency plans					

-  = high degree of exposure requiring good risk management and close monitoring at a senior level
-  = moderate degree of exposure requiring good risk management and regular monitoring
-  = low degree of exposure which may require active risk management and monitoring according to its nature
-  = zero or negligible exposure not requiring active risk management

Impact Rating Scale:

<i>Severity of Impact</i>	<i>Impact Factors</i>						
	Finance (potential liability)	H&S	Governance and Audit	Reputation	Strategic and Organisational Priorities	Research	International collaborations
High >70 impact score	+£5m	Residual high risk of death / serious injury coupled with no previous experience of area / activity	Potential for PAC hearing Recent adverse (or no previous) audit report	Potential for loss or damage to public/customer confidence and/or staff morale Missing opportunity to enhance public / customer / staff perceptions	Major contributor to delivery of NERC strategic objectives (Science for a sustainable future)	Controversial /contentious research likely to attract adverse publicity	Poor collaborator reputation NERC / RC record of poor performance
Medium >20 <70 impact score	£1m - £5m	Residual high risk of death / serious injury mitigated by previous experience of area / activity	Potential for NAO / internal audit criticism No recent audit activity	Potential for national adverse publicity Some impacts on staff morale, but these are manageable	Major contributor to delivery of OP objectives	Working in dangerous or politically sensitive regions	Commitment of significant resources
Low <20 impact score	<£1m	Potential for reportable injury (RIDDOR)	Recent positive audit report	Opportunity to enhance public / customer perception Little or no potential for loss of public / customer / staff confidence	Not a critical contributor to Strategic / OP objectives	Uncontroversial research in safe regions	Good collaborator reputation / good NERC track record