

Risk Assessment Matrix

Standard 5x5 risk matrix and hazard log for shipboard task risk assessments.

Risk Matrix (Likelihood x Severity)

Likelihood ↓ / Severity →	1 Negligible	2 Minor	3 Moderate	4 Major	5 Catastrophic
5 Almost certain	5 L	10 M	15 H	20 E	25 E
4 Likely	4 L	8 M	12 H	16 E	20 E
3 Possible	3 L	6 M	9 M	12 H	15 H
2 Unlikely	2 L	4 L	6 M	8 M	10 M
1 Rare	1 L	2 L	3 L	4 L	5 L

L Low (1–5): proceed · **M** Medium (6–10): controls required · **H** High (12–15): senior approval · **E** Extreme (16–25): do not proceed.

Hazard Log

Hazard	Who/what at risk	Existing controls	L	S	Risk	Additional controls	Residual